



# FCC RF Test Report

**APPLICANT** : Qualcomm Atheros, Inc.  
**EQUIPMENT** : 802.11a/b/g/n/ac + BT 4.1 M.2 2230 Type Card  
**BRAND NAME** : Qualcomm Atheros  
**MODEL NAME** : QCNFA364A  
**FCC ID** : PPD-QCNFA364AH  
**STANDARD** : FCC Part 15 Subpart C §15.247  
**CLASSIFICATION** : (DTS) Digital Transmission System

The product was installed into Notebook Computer (Brand Name: Lenovo, Model Name: Lenovo Legion Y920-17IKB Laptop, 80YW) during test.

The product was received on Feb. 18, 2017 and testing was completed on Mar. 22, 2017. We, Sporton International (KunShan) INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (KunShan) INC., the test report shall not be reproduced except in full.

Prepared by: James Huang / Manager

Approved by: Jones Tsai / Manager



**Sporton International (KunShan) INC.**  
**No.3-2, Pingxiang Road, Kunshan Development Zone, Jiangsu, China**



## TABLE OF CONTENTS

|                                                                 |    |
|-----------------------------------------------------------------|----|
| REVISION HISTORY .....                                          | 3  |
| SUMMARY OF TEST RESULT .....                                    | 4  |
| 1 GENERAL DESCRIPTION .....                                     | 5  |
| 1.1 Applicant .....                                             | 5  |
| 1.2 Product Feature of Equipment Under Test.....                | 5  |
| 1.3 Product Specification of Equipment Under Test.....          | 6  |
| 1.4 Modification of EUT .....                                   | 7  |
| 1.5 Testing Location .....                                      | 7  |
| 1.6 Applicable Standards.....                                   | 7  |
| 2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST .....              | 8  |
| 2.1 Carrier Frequency and Channel .....                         | 8  |
| 2.2 Test Mode.....                                              | 9  |
| 2.3 Connection Diagram of Test System.....                      | 10 |
| 2.4 EUT Operation Test Setup .....                              | 10 |
| 3 TEST RESULT .....                                             | 11 |
| 3.1 Peak and Average Output Power Measurement.....              | 11 |
| 3.2 Radiated Band Edges and Spurious Emission Measurement ..... | 16 |
| 3.3 Antenna Requirements .....                                  | 20 |
| 4 LIST OF MEASURING EQUIPMENT .....                             | 21 |
| 5 UNCERTAINTY OF EVALUATION .....                               | 22 |
| APPENDIX A. RADIATED SPURIOUS EMISSION                          |    |
| APPENDIX B. RADIATED SPURIOUS EMISSION PLOTS                    |    |
| APPENDIX C. DUTY CYCLE PLOTS                                    |    |
| APPENDIX D. SETUP PHOTOGRAPHS                                   |    |



## REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION             | ISSUED DATE   |
|------------|---------|-------------------------|---------------|
| FR721810C  | Rev. 01 | Initial issue of report | Apr. 07, 2017 |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |



## SUMMARY OF TEST RESULT

| Report Section                                                                                                       | FCC Rule           | Description                                        | Limit                          | Result | Remark                                    |
|----------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------|--------------------------------|--------|-------------------------------------------|
| -                                                                                                                    | 15.247(a)(2)       | 6dB Bandwidth                                      | $\geq 0.5\text{MHz}$           | Pass   | 1                                         |
| -                                                                                                                    | -                  | 99% Bandwidth                                      | -                              | Pass   | 1                                         |
| 3.1                                                                                                                  | 15.247(b)          | Peak and Average Output Power                      | $\leq 30\text{dBm}$            | Pass   | -                                         |
| -                                                                                                                    | 15.247(e)          | Power Spectral Density                             | $\leq 8\text{dBm}/3\text{kHz}$ | Pass   | 1                                         |
| -                                                                                                                    | 15.247(d)          | Conducted Band Edges                               | $\leq 20\text{dBc}$            | Pass   | 1                                         |
|                                                                                                                      |                    | Conducted Spurious Emission                        |                                | Pass   | 1                                         |
| 3.2                                                                                                                  | 15.247(d)          | Radiated Band Edges and Radiated Spurious Emission | 15.209(a) & 15.247(d)          | Pass   | Under limit<br>3.31 dB at<br>2484.040 MHz |
| -                                                                                                                    | 15.207             | AC Conducted Emission                              | 15.207(a)                      | Pass   | 1                                         |
| 3.3                                                                                                                  | 15.203 & 15.247(b) | Antenna Requirement                                | N/A                            | Pass   | -                                         |
| Remark 1: All conducted test items were leverage from module RF report which can refer to Report No. "RF150107E07B". |                    |                                                    |                                |        |                                           |



# 1 General Description

## 1.1 Applicant

Qualcomm Atheros, Inc.

1700 Technology Drive, San Jose, CA 95110

## 1.2 Product Feature of Equipment Under Test

| Product Feature                 |                                                                                                                                                                    |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment                       | 802.11a/b/g/n/ac + BT 4.1 M.2 2230 Type Card                                                                                                                       |
| Brand Name                      | Qualcomm Atheros                                                                                                                                                   |
| Model Name                      | QCNFA364A                                                                                                                                                          |
| FCC ID                          | PPD-QCNFA364AH                                                                                                                                                     |
| EUT supports Radios application | WLAN 2.4GHz 802.11b/g/n/ac HT20/HT40/VHT20/VHT40<br>WLAN 5GHz 802.11a/n/ac HT20/HT40/VHT20/VHT40/VHT80<br>Bluetooth v3.0+EDR, Bluetooth v4.0 LE, Bluetooth v4.1 LE |
| EUT Stage                       | Identical Prototype                                                                                                                                                |

| Host Product Feature |                                                                                                                                                              |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment            | Notebook Computer                                                                                                                                            |
| Brand Name           | Lenovo                                                                                                                                                       |
| Model Name           | Lenovo Legion Y920-17IKB Laptop, 80YW                                                                                                                        |
| Applicant            | <b>Lenovo (Shanghai) Electronics Technology Co., Ltd.</b><br>NO.68 BUILDING, 199 FENJU RD, China (Shanghai) Pilot<br>Free Trade Zone, Shanghai, 200131 China |
| Manufacturer         | <b>Lenovo PC HK Limited</b><br>23/F, Lincoln House, Taikoo Place, 979 King's Road, Quarry<br>Bay Hong Kong                                                   |

**Remark:** The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

### 1.3 Product Specification of Equipment Under Test

| Standards-related Product Specification |                                                                                                                                                  |              |              |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| <b>Tx/Rx Channel Frequency Range</b>    | 2412 MHz ~ 2462 MHz                                                                                                                              |              |              |
| <b>Antenna Type / Gain</b>              | Chain Port 1: PIFA Antenna with gain -5.75 dBi<br>Chain Port 2: PIFA Antenna with gain -2.43 dBi                                                 |              |              |
| <b>Type of Modulation</b>               | 802.11b : DSSS (DBPSK / DQPSK / CCK)<br>802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)<br>802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) |              |              |
| <b>Antenna Function for Transmitter</b> |                                                                                                                                                  | Chain Port 1 | Chain Port 2 |
|                                         | 802.11 b/g/n/ac SISO                                                                                                                             | V            | V            |
|                                         | 802.11 b/g/n/ac MIMO                                                                                                                             | V            | V            |

**Note:** MIMO Chain Port 1+2 is a calculated result from sum of the power MIMO Chain Port 1 and MIMO Chain Port 2.

## 1.4 Modification of EUT

No modifications are made to the EUT during all test items.

## 1.5 Testing Location

|                    |                                                                                                                        |                      |
|--------------------|------------------------------------------------------------------------------------------------------------------------|----------------------|
| Test Site          | Sporton International (KunShan) INC.                                                                                   |                      |
| Test Site Location | No.3-2, Pingxiang Road, Kunshan Development Zone, Jiangsu, China<br>TEL: +86-0512-5790-0158<br>FAX: +86-0512-5790-0958 |                      |
| Test Site No.      | Sporton Site No.                                                                                                       | FCC Registration No. |
|                    | 03CH03-KS                                                                                                              | 306251               |

**Note:** The test site complies with ANSI C63.4 2014 requirement.

## 1.6 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart C §15.247
- FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v03r05
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2013

**Remark:** All test items were verified and recorded according to the standards and without any deviation during the test.

## 2 Test Configuration of Equipment Under Test

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: and radiated emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

### 2.1 Carrier Frequency and Channel

| Frequency Band  | Channel | Freq.<br>(MHz) | Channel | Freq.<br>(MHz) |
|-----------------|---------|----------------|---------|----------------|
| 2400-2483.5 MHz | 1       | 2412           | 7       | 2442           |
|                 | 2       | 2417           | 8       | 2447           |
|                 | 3       | 2422           | 9       | 2452           |
|                 | 4       | 2427           | 10      | 2457           |
|                 | 5       | 2432           | 11      | 2462           |
|                 | 6       | 2437           |         |                |



## 2.2 Test Mode

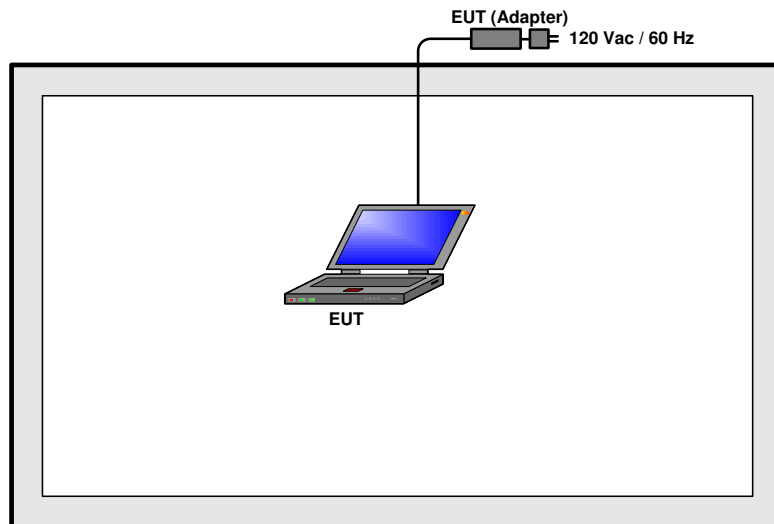
Final test mode of radiated spurious emissions is considering the modulation as below table.

### MIMO Antenna

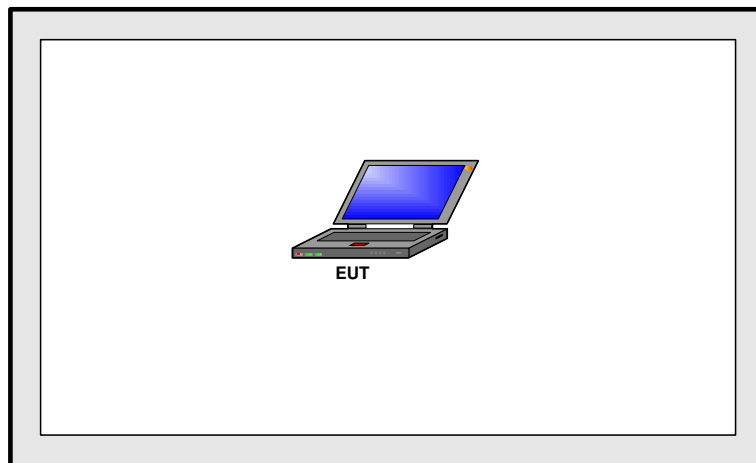
| Modulation     |
|----------------|
| 802.11b        |
| 802.11g        |
| 802.11ac VHT20 |
| 802.11ac VHT40 |

## 2.3 Connection Diagram of Test System

For 802.11 b/g/ac VHT20 (CH10)/ac VHT40



For 802.11 ac VHT20 (CH1/6/11)



## 2.4 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuous transmit/receive.

### 3 Test Result

#### 3.1 Peak and Average Output Power Measurement

##### 3.1.1 Limit of Peak and Average Output Power

For systems using digital modulation in the 2400-2483.5MHz, the limit for peak output power is 30dBm. If transmitting antenna of directional gain greater than 6dBi are used the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

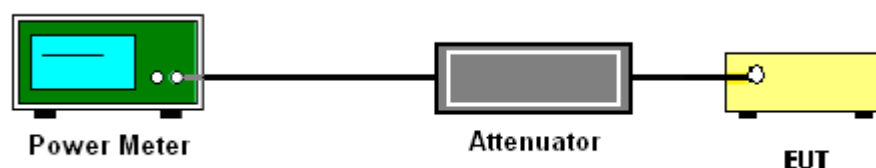
##### 3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

##### 3.1.3 Test Procedures

1. The testing follows the Measurement Procedure of FCC KDB No. 558074 DTS D01 Meas. Guidance v03r05 section 9.1.2 PKPM1 Peak power meter method.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Measure the conducted output power and record the results in the test report.

##### 3.1.4 Test Setup





## 3.1.5 Test Result of Peak Output Power

| 2.4GHz Band |           |     |     |             |                            |       |     |                             |       |          |       |                  |       |                        |       |            |
|-------------|-----------|-----|-----|-------------|----------------------------|-------|-----|-----------------------------|-------|----------|-------|------------------|-------|------------------------|-------|------------|
| Mod.        | Data Rate | NTX | CH. | Freq. (MHz) | Peak Conducted Power (dBm) |       |     | Conducted Power Limit (dBm) |       | DG (dBi) |       | EIRP Power (dBm) |       | EIRP Power Limit (dBm) |       | Pass /Fail |
|             |           |     |     |             | Ant 1                      | Ant 2 | SUM | Ant 1                       | Ant 2 | Ant 1    | Ant 2 | Ant 1            | Ant 2 | Ant 1                  | Ant 2 |            |
| 11b         | 1Mbps     | 1   | 1   | 2412        | 20.32                      | 20.48 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 14.57            | 18.05 | 36.00                  | 36.00 | Pass       |
| 11b         | 1Mbps     | 1   | 6   | 2437        | 20.43                      | 20.89 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 14.68            | 18.46 | 36.00                  | 36.00 | Pass       |
| 11b         | 1Mbps     | 1   | 11  | 2462        | 19.66                      | 20.62 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 13.91            | 18.19 | 36.00                  | 36.00 | Pass       |
| 11g         | 6Mbps     | 1   | 1   | 2412        | 20.95                      | 21.32 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 15.20            | 18.89 | 36.00                  | 36.00 | Pass       |
| 11g         | 6Mbps     | 1   | 6   | 2437        | 23.51                      | 23.99 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 17.76            | 21.56 | 36.00                  | 36.00 | Pass       |
| 11g         | 6Mbps     | 1   | 11  | 2462        | 19.41                      | 20.53 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 13.66            | 18.10 | 36.00                  | 36.00 | Pass       |
| HT20        | MCS0      | 1   | 1   | 2412        | 21.30                      | 21.69 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 15.55            | 19.26 | 36.00                  | 36.00 | Pass       |
| HT20        | MCS0      | 1   | 6   | 2437        | 23.62                      | 24.11 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 17.87            | 21.68 | 36.00                  | 36.00 | Pass       |
| HT20        | MCS0      | 1   | 11  | 2462        | 19.88                      | 21.15 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 14.13            | 18.72 | 36.00                  | 36.00 | Pass       |
| HT40        | MCS0      | 1   | 3   | 2422        | 17.88                      | 18.06 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 12.13            | 15.63 | 36.00                  | 36.00 | Pass       |
| HT40        | MCS0      | 1   | 4   | 2427        | 19.25                      | 20.45 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 13.50            | 18.02 | 36.00                  | 36.00 | Pass       |
| HT40        | MCS0      | 1   | 5   | 2432        | 19.36                      | 20.31 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 13.61            | 17.88 | 36.00                  | 36.00 | Pass       |
| HT40        | MCS0      | 1   | 6   | 2437        | 19.56                      | 20.41 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 13.81            | 17.98 | 36.00                  | 36.00 | Pass       |
| HT40        | MCS0      | 1   | 7   | 2442        | 19.46                      | 20.82 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 13.71            | 18.39 | 36.00                  | 36.00 | Pass       |
| HT40        | MCS0      | 1   | 8   | 2447        | 19.18                      | 19.75 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 13.43            | 17.32 | 36.00                  | 36.00 | Pass       |
| HT40        | MCS0      | 1   | 9   | 2452        | 16.60                      | 17.30 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 10.85            | 14.87 | 36.00                  | 36.00 | Pass       |
| VHT20       | MCS0      | 1   | 1   | 2412        | 21.38                      | 15.08 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 15.63            | 12.65 | 36.00                  | 36.00 | Pass       |
| VHT20       | MCS0      | 1   | 6   | 2437        | 23.73                      | 18.24 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 17.98            | 15.81 | 36.00                  | 36.00 | Pass       |
| VHT20       | MCS0      | 1   | 11  | 2462        | 20.28                      | 14.50 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 14.53            | 12.07 | 36.00                  | 36.00 | Pass       |
| VHT40       | MCS0      | 1   | 3   | 2422        | 17.92                      | 18.11 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 12.17            | 15.68 | 36.00                  | 36.00 | Pass       |
| VHT40       | MCS0      | 1   | 4   | 2427        | 19.33                      | 20.56 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 13.58            | 18.13 | 36.00                  | 36.00 | Pass       |
| VHT40       | MCS0      | 1   | 5   | 2432        | 19.23                      | 20.39 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 13.48            | 17.96 | 36.00                  | 36.00 | Pass       |
| VHT40       | MCS0      | 1   | 6   | 2437        | 19.80                      | 20.44 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 14.05            | 18.01 | 36.00                  | 36.00 | Pass       |
| VHT40       | MCS0      | 1   | 7   | 2442        | 19.48                      | 20.85 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 13.73            | 18.42 | 36.00                  | 36.00 | Pass       |
| VHT40       | MCS0      | 1   | 8   | 2447        | 19.18                      | 19.79 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 13.43            | 17.36 | 36.00                  | 36.00 | Pass       |
| VHT40       | MCS0      | 1   | 9   | 2452        | 16.93                      | 17.33 |     | 30.00                       | 30.00 | -5.75    | -2.43 | 11.18            | 14.90 | 36.00                  | 36.00 | Pass       |



|       |       |   |    |      |       |       |       |       |       |       |       |      |
|-------|-------|---|----|------|-------|-------|-------|-------|-------|-------|-------|------|
| 11b   | 1Mbps | 2 | 1  | 2412 | 20.62 | 20.64 | 23.64 | 30.00 | -2.43 | 21.21 | 36.00 | Pass |
| 11b   | 1Mbps | 2 | 6  | 2437 | 20.45 | 21.03 | 23.76 | 30.00 | -2.43 | 21.33 | 36.00 | Pass |
| 11b   | 1Mbps | 2 | 11 | 2462 | 19.75 | 20.76 | 23.29 | 30.00 | -2.43 | 20.86 | 36.00 | Pass |
| 11g   | 6Mbps | 2 | 1  | 2412 | 20.99 | 21.44 | 24.23 | 30.00 | -2.43 | 21.80 | 36.00 | Pass |
| 11g   | 6Mbps | 2 | 6  | 2437 | 23.65 | 24.01 | 26.84 | 30.00 | -2.43 | 24.41 | 36.00 | Pass |
| 11g   | 6Mbps | 2 | 11 | 2462 | 19.47 | 20.76 | 23.17 | 30.00 | -2.43 | 20.74 | 36.00 | Pass |
| HT20  | MCS0  | 2 | 1  | 2412 | 21.32 | 21.82 | 24.59 | 30.00 | -2.43 | 22.16 | 36.00 | Pass |
| HT20  | MCS0  | 2 | 6  | 2437 | 23.67 | 24.15 | 26.93 | 30.00 | -2.43 | 24.50 | 36.00 | Pass |
| HT20  | MCS0  | 2 | 10 | 2457 | 24.66 | 24.61 | 27.65 | 30.00 | -2.43 | 25.22 | 36.00 | Pass |
| HT20  | MCS0  | 2 | 11 | 2462 | 19.92 | 21.31 | 23.68 | 30.00 | -2.43 | 21.25 | 36.00 | Pass |
| HT40  | MCS0  | 2 | 3  | 2422 | 17.96 | 18.13 | 21.06 | 30.00 | -2.43 | 18.63 | 36.00 | Pass |
| HT40  | MCS0  | 2 | 4  | 2427 | 19.48 | 20.49 | 23.02 | 30.00 | -2.43 | 20.59 | 36.00 | Pass |
| HT40  | MCS0  | 2 | 5  | 2432 | 19.46 | 20.46 | 23.00 | 30.00 | -2.43 | 20.57 | 36.00 | Pass |
| HT40  | MCS0  | 2 | 6  | 2437 | 19.62 | 20.78 | 23.25 | 30.00 | -2.43 | 20.82 | 36.00 | Pass |
| HT40  | MCS0  | 2 | 7  | 2442 | 19.58 | 21.28 | 23.52 | 30.00 | -2.43 | 21.09 | 36.00 | Pass |
| HT40  | MCS0  | 2 | 8  | 2447 | 19.24 | 20.04 | 22.67 | 30.00 | -2.43 | 20.24 | 36.00 | Pass |
| HT40  | MCS0  | 2 | 9  | 2452 | 16.65 | 17.63 | 20.18 | 30.00 | -2.43 | 17.75 | 36.00 | Pass |
| VHT20 | MCS0  | 2 | 1  | 2412 | 21.47 | 21.75 | 24.62 | 30.00 | -2.43 | 22.19 | 36.00 | Pass |
| VHT20 | MCS0  | 2 | 6  | 2437 | 23.74 | 24.18 | 26.98 | 30.00 | -2.43 | 24.55 | 36.00 | Pass |
| VHT20 | MCS0  | 2 | 10 | 2457 | 24.60 | 24.51 | 27.57 | 30.00 | -2.43 | 25.14 | 36.00 | Pass |
| VHT20 | MCS0  | 2 | 11 | 2462 | 20.42 | 21.52 | 24.02 | 30.00 | -2.43 | 21.59 | 36.00 | Pass |
| VHT40 | MCS0  | 2 | 3  | 2422 | 17.98 | 18.15 | 21.08 | 30.00 | -2.43 | 18.65 | 36.00 | Pass |
| VHT40 | MCS0  | 2 | 4  | 2427 | 19.67 | 20.67 | 23.30 | 30.00 | -2.43 | 20.87 | 36.00 | Pass |
| VHT40 | MCS0  | 2 | 5  | 2432 | 19.68 | 20.61 | 21.69 | 30.00 | -2.43 | 19.26 | 36.00 | Pass |
| VHT40 | MCS0  | 2 | 6  | 2437 | 19.82 | 20.84 | 23.37 | 30.00 | -2.43 | 20.94 | 36.00 | Pass |
| VHT40 | MCS0  | 2 | 7  | 2442 | 19.57 | 21.03 | 21.62 | 30.00 | -2.43 | 19.19 | 36.00 | Pass |
| VHT40 | MCS0  | 2 | 8  | 2447 | 19.34 | 20.13 | 21.64 | 30.00 | -2.43 | 19.21 | 36.00 | Pass |
| VHT40 | MCS0  | 2 | 9  | 2452 | 17.01 | 17.37 | 20.20 | 30.00 | -2.43 | 17.77 | 36.00 | Pass |



## 3.1.6 Test Result of Average Output Power

| 2.4GHz Band |           |     |     |             |                  |       |                               |       |     |
|-------------|-----------|-----|-----|-------------|------------------|-------|-------------------------------|-------|-----|
| Mod.        | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) |       | Average Conducted Power (dBm) |       |     |
|             |           |     |     |             | Ant 1            | Ant 2 | Ant 1                         | Ant 2 | SUM |
| 11b         | 1Mbps     | 1   | 1   | 2412        | 0.00             | 0.00  | 17.69                         | 17.83 |     |
| 11b         | 1Mbps     | 1   | 6   | 2437        | 0.00             | 0.00  | 17.72                         | 18.22 |     |
| 11b         | 1Mbps     | 1   | 11  | 2462        | 0.00             | 0.00  | 17.04                         | 17.97 |     |
| 11g         | 6Mbps     | 1   | 1   | 2412        | 0.24             | 0.24  | 14.45                         | 14.86 |     |
| 11g         | 6Mbps     | 1   | 6   | 2437        | 0.24             | 0.24  | 17.32                         | 17.85 |     |
| 11g         | 6Mbps     | 1   | 11  | 2462        | 0.24             | 0.24  | 13.10                         | 14.16 |     |
| HT20        | MCS0      | 1   | 1   | 2412        | 0.24             | 0.24  | 14.38                         | 14.82 |     |
| HT20        | MCS0      | 1   | 6   | 2437        | 0.24             | 0.24  | 17.09                         | 17.80 |     |
| HT20        | MCS0      | 1   | 11  | 2462        | 0.24             | 0.24  | 13.22                         | 14.38 |     |
| HT40        | MCS0      | 1   | 3   | 2422        | 0.50             | 0.50  | 10.58                         | 11.06 |     |
| HT40        | MCS0      | 1   | 4   | 2427        | 0.50             | 0.50  | 11.92                         | 13.23 |     |
| HT40        | MCS0      | 1   | 5   | 2432        | 0.50             | 0.50  | 12.06                         | 13.26 |     |
| HT40        | MCS0      | 1   | 6   | 2437        | 0.50             | 0.50  | 12.44                         | 13.25 |     |
| HT40        | MCS0      | 1   | 7   | 2442        | 0.50             | 0.50  | 12.08                         | 13.55 |     |
| HT40        | MCS0      | 1   | 8   | 2447        | 0.50             | 0.50  | 11.77                         | 12.85 |     |
| HT40        | MCS0      | 1   | 9   | 2452        | 0.50             | 0.50  | 9.54                          | 10.32 |     |
| VHT20       | MCS0      | 1   | 1   | 2412        | 0.24             | 0.25  | 14.58                         | 15.08 |     |
| VHT20       | MCS0      | 1   | 6   | 2437        | 0.24             | 0.25  | 17.47                         | 17.89 |     |
| VHT20       | MCS0      | 1   | 11  | 2462        | 0.24             | 0.25  | 13.26                         | 14.50 |     |
| VHT40       | MCS0      | 1   | 3   | 2422        | 0.47             | 0.50  | 10.63                         | 11.09 |     |
| VHT40       | MCS0      | 1   | 4   | 2427        | 0.47             | 0.50  | 11.99                         | 13.39 |     |
| VHT40       | MCS0      | 1   | 5   | 2432        | 0.47             | 0.50  | 12.11                         | 13.36 |     |
| VHT40       | MCS0      | 1   | 6   | 2437        | 0.47             | 0.50  | 12.51                         | 13.37 |     |
| VHT40       | MCS0      | 1   | 7   | 2442        | 0.47             | 0.50  | 12.14                         | 13.76 |     |
| VHT40       | MCS0      | 1   | 8   | 2447        | 0.47             | 0.50  | 11.87                         | 12.93 |     |
| VHT40       | MCS0      | 1   | 9   | 2452        | 0.47             | 0.50  | 9.55                          | 10.34 |     |



|       |       |   |    |      |      |      |       |       |       |
|-------|-------|---|----|------|------|------|-------|-------|-------|
| 11b   | 1Mbps | 2 | 1  | 2412 | 0.00 | 0.00 | 17.95 | 18.01 | 20.99 |
| 11b   | 1Mbps | 2 | 6  | 2437 | 0.00 | 0.00 | 17.82 | 18.48 | 21.17 |
| 11b   | 1Mbps | 2 | 11 | 2462 | 0.00 | 0.00 | 17.25 | 18.05 | 20.68 |
| 11g   | 6Mbps | 2 | 1  | 2412 | 0.24 | 0.24 | 14.59 | 15.19 | 17.91 |
| 11g   | 6Mbps | 2 | 6  | 2437 | 0.24 | 0.24 | 17.55 | 18.46 | 21.04 |
| 11g   | 6Mbps | 2 | 10 | 2462 | 0.24 | 0.24 | 18.83 | 19.28 | 22.07 |
| 11g   | 6Mbps | 2 | 11 | 2462 | 0.24 | 0.24 | 13.17 | 14.39 | 16.83 |
| HT20  | MCS0  | 2 | 1  | 2412 | 0.25 | 0.25 | 14.47 | 14.94 | 17.73 |
| HT20  | MCS0  | 2 | 6  | 2437 | 0.25 | 0.25 | 17.29 | 18.28 | 20.83 |
| HT20  | MCS0  | 2 | 10 | 2457 | 0.25 | 0.25 | 18.27 | 19.31 | 21.83 |
| HT20  | MCS0  | 2 | 11 | 2462 | 0.25 | 0.25 | 13.26 | 14.56 | 16.97 |
| HT40  | MCS0  | 2 | 3  | 2422 | 0.50 | 0.47 | 10.65 | 11.07 | 13.88 |
| HT40  | MCS0  | 2 | 4  | 2427 | 0.50 | 0.47 | 12.25 | 13.45 | 15.90 |
| HT40  | MCS0  | 2 | 5  | 2432 | 0.50 | 0.47 | 12.18 | 13.62 | 15.97 |
| HT40  | MCS0  | 2 | 6  | 2437 | 0.50 | 0.47 | 12.62 | 13.28 | 15.98 |
| HT40  | MCS0  | 2 | 7  | 2442 | 0.50 | 0.47 | 12.15 | 14.09 | 16.24 |
| HT40  | MCS0  | 2 | 8  | 2447 | 0.50 | 0.47 | 11.86 | 12.95 | 15.45 |
| HT40  | MCS0  | 2 | 9  | 2452 | 0.50 | 0.47 | 9.67  | 10.32 | 13.02 |
| VHT20 | MCS0  | 2 | 1  | 2412 | 0.25 | 0.27 | 14.72 | 15.12 | 17.94 |
| VHT20 | MCS0  | 2 | 6  | 2437 | 0.25 | 0.27 | 17.51 | 18.30 | 20.93 |
| VHT20 | MCS0  | 2 | 10 | 2442 | 0.25 | 0.27 | 18.69 | 19.38 | 22.06 |
| VHT20 | MCS0  | 2 | 11 | 2462 | 0.25 | 0.27 | 13.40 | 14.59 | 17.05 |
| VHT40 | MCS0  | 2 | 3  | 2422 | 0.47 | 0.47 | 10.72 | 11.10 | 13.93 |
| VHT40 | MCS0  | 2 | 4  | 2427 | 0.47 | 0.47 | 12.29 | 13.53 | 15.97 |
| VHT40 | MCS0  | 2 | 5  | 2432 | 0.47 | 0.47 | 12.25 | 13.49 | 15.93 |
| VHT40 | MCS0  | 2 | 6  | 2437 | 0.47 | 0.47 | 12.65 | 13.53 | 16.13 |
| VHT40 | MCS0  | 2 | 7  | 2442 | 0.47 | 0.47 | 12.19 | 14.02 | 16.21 |
| VHT40 | MCS0  | 2 | 8  | 2437 | 0.47 | 0.47 | 11.98 | 13.08 | 15.58 |
| VHT40 | MCS0  | 2 | 9  | 2452 | 0.47 | 0.47 | 9.72  | 10.54 | 13.16 |

## 3.2 Radiated Band Edges and Spurious Emission Measurement

### 3.2.1 Limit of Radiated band edge and Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

| Frequency<br>(MHz) | Field Strength<br>(microvolts/meter) | Measurement Distance<br>(meters) |
|--------------------|--------------------------------------|----------------------------------|
| 0.009 – 0.490      | 2400/F(kHz)                          | 300                              |
| 0.490 – 1.705      | 24000/F(kHz)                         | 30                               |
| 1.705 – 30.0       | 30                                   | 30                               |
| 30 – 88            | 100                                  | 3                                |
| 88 – 216           | 150                                  | 3                                |
| 216 - 960          | 200                                  | 3                                |
| Above 960          | 500                                  | 3                                |

### 3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.2.3 Test Procedures

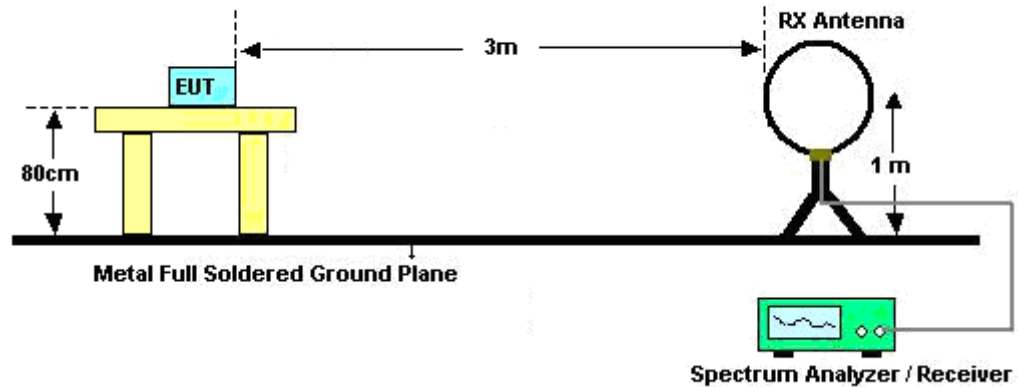
1. The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v03r05.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
7. Use the following spectrum analyzer settings:
  - (1) Span shall wide enough to fully capture the emission being measured;
  - (2) Set RBW=100 kHz for  $f < 1$  GHz; VBW  $\geq$  RBW; Sweep = auto; Detector function = peak; Trace = max hold;
  - (3) Set RBW = 1 MHz, VBW= 3MHz for  $f \geq 1$  GHz for peak measurement.

For average measurement:

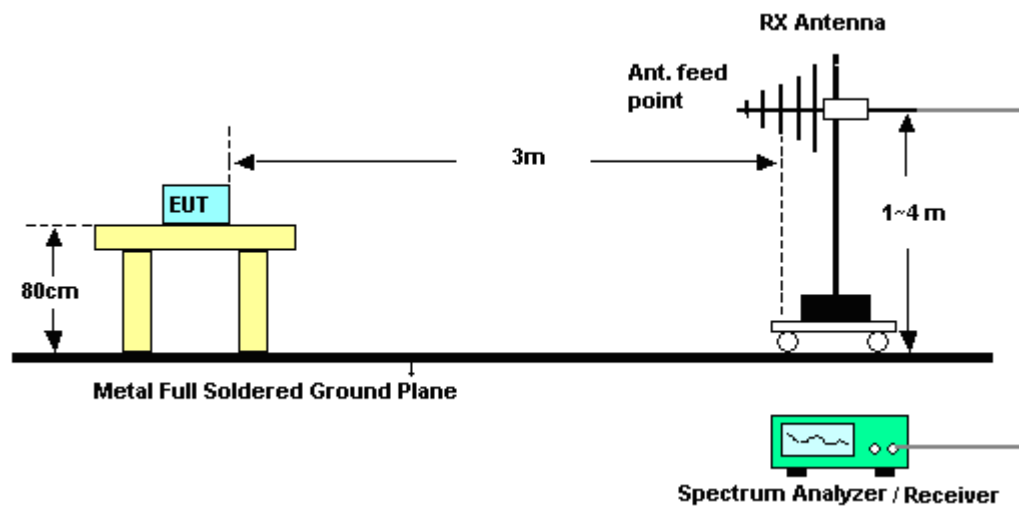
    - VBW = 10 Hz, when duty cycle is no less than 98 percent.
    - VBW  $\geq 1/T$ , when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

### 3.2.4 Test Setup

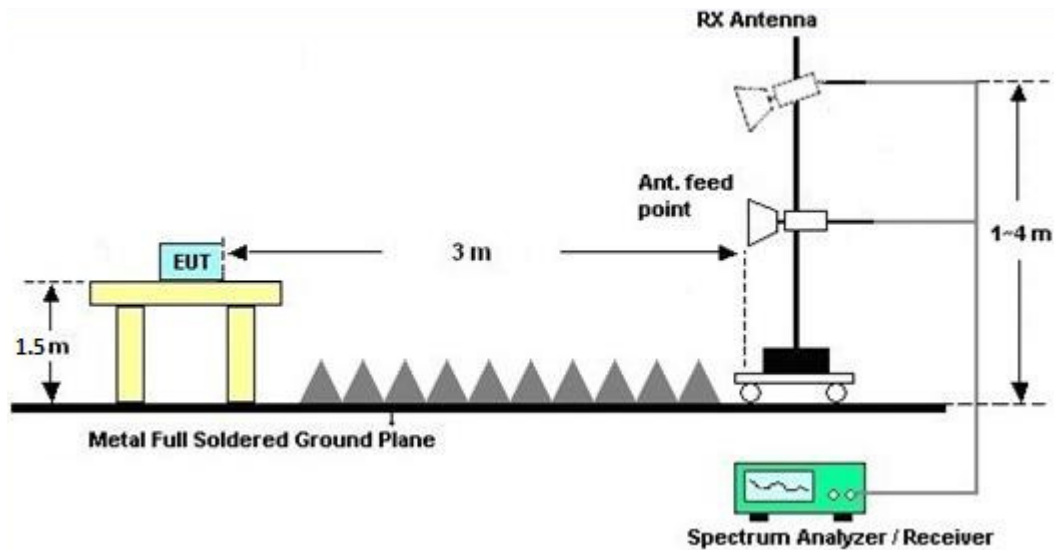
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



### 3.2.5 Test Results of Radiated Spurious Emissions (9kHz ~ 30MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

### 3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix A and B.

### 3.2.7 Duty Cycle

Please refer to Appendix C.

### 3.2.8 Test Result of Radiated Spurious Emission (30MHz ~ 10<sup>th</sup> Harmonic)

Please refer to Appendix A and B.

### 3.3 Antenna Requirements

#### 3.3.1 Standard Applicable

If directional gain of transmitting Antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the Antenna exceeds 6 dBi. The use of a permanently attached Antenna or of an Antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

#### 3.3.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

#### 3.3.3 Antenna Gain

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain =  $G_{ANT}$  + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain =  $10 \log(N_{ANT}/N_{SS}=1)$  dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for  $N_{ANT} \leq 4$ .

Directional gain may be calculated by using the formulas applicable to equal gain antennas with  $G_{ANT}$  set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain  $G_{ANT}$  is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain "DG" is calculated as following table.

|         |        |        | DG    | DG    | Power     | PSD       |
|---------|--------|--------|-------|-------|-----------|-----------|
|         | Ant. 1 | Ant. 2 | for   | for   | Limit     | Limit     |
|         | (dBi)  | (dBi)  | Power | PSD   | Reduction | Reduction |
|         | (dBi)  | (dBi)  | (dBi) | (dBi) | (dB)      | (dB)      |
| 2.4 GHz | -5.75  | -2.43  | -2.43 | -0.92 | 0.00      | 0.00      |

*Power Limit Reduction =  $DG(Power) - 6dBi$ , ( min = 0 )*

*PSD Limit Reduction =  $DG(PSD) - 6dBi$ , ( min = 0 )*



## 4 List of Measuring Equipment

| Instrument            | Manufacturer | Model No.         | Serial No. | Characteristics         | Calibration Date | Test Date     | Due Date      | Remark                |
|-----------------------|--------------|-------------------|------------|-------------------------|------------------|---------------|---------------|-----------------------|
| Power Meter           | Anritsu      | ML2495A           | 1005002    | 50MHz Bandwidth         | Jan. 19, 2017    | Mar. 22, 2017 | Jan. 19, 2018 | Conducted (TH01-KS)   |
| Pulse Power Sensor    | Anritsu      | MA2411B           | 0917070    | 300MHz~40GHz            | Jan. 19, 2017    | Mar. 22, 2017 | Jan. 19, 2018 | Conducted (TH01-KS)   |
| EMI Test Receiver     | R&S          | ESR7              | 101403     | 9kHz~7GHz;<br>Max 30dBm | Aug. 09, 2016    | Mar. 06, 2017 | Aug. 08, 2017 | Radiation (03CH03-KS) |
| EXA Spectrum Analyzer | Keysight     | N9010A            | MY55150244 | 10Hz~44GHz              | Apr. 22, 2016    | Mar. 06, 2017 | Apr. 21, 2017 | Radiation (03CH03-KS) |
| Loop Antenna          | R&S          | HFH2-Z2           | 100321     | 9kHz~30MHz              | Nov. 23, 2016    | Mar. 06, 2017 | Nov. 22, 2017 | Radiation (03CH03-KS) |
| Bilog Antenna         | TeseQ        | CBL6112D          | 35406      | 25MHz~2GHz              | Apr. 16, 2016    | Mar. 06, 2017 | Apr. 15, 2017 | Radiation (03CH03-KS) |
| Horn Antenna          | Schwarzbeck  | BBHA9120D         | 9120D-1356 | 1GHz~18GHz              | Apr. 16, 2016    | Mar. 06, 2017 | Apr. 15, 2017 | Radiation (03CH03-KS) |
| SHF-EHF Horn          | Schwarzbeck  | BBHA 9170         | BBHA170249 | 15GHz~40GHz             | Feb. 15, 2017    | Mar. 06, 2017 | Feb. 14, 2018 | Radiation (03CH03-KS) |
| Amplifier             | SONOMA       | 310N              | 187289     | 9kHz~1GHz               | Aug. 09, 2016    | Mar. 06, 2017 | Aug. 08, 2017 | Radiation (03CH03-KS) |
| Amplifier             | MITEQ        | TTA1840-35-H<br>G | 1887435    | 18GHz~40GHz             | Oct. 13, 2016    | Mar. 06, 2017 | Oct. 12, 2017 | Radiation (03CH03-KS) |
| Amplifier             | Agilent      | 8449B             | 3008A02370 | 1GHz~26.5GHz            | Oct. 13, 2016    | Mar. 06, 2017 | Oct. 12, 2017 | Radiation (03CH03-KS) |
| AC Power Source       | Chroma       | 61601             | F104090004 | N/A                     | NCR              | Mar. 06, 2017 | NCR           | Radiation (03CH03-KS) |
| Turn Table            | ChamPro      | EM 1000-T         | 060762-T   | 0~360 degree            | NCR              | Mar. 06, 2017 | NCR           | Radiation (03CH03-KS) |
| Antenna Mast          | ChamPro      | EM 1000-A         | 060762-A   | 1 m~4 m                 | NCR              | Mar. 06, 2017 | NCR           | Radiation (03CH03-KS) |

NCR: No Calibration Required



## 5 Uncertainty of Evaluation

### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

|                                                                            |       |
|----------------------------------------------------------------------------|-------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 4.6dB |
|----------------------------------------------------------------------------|-------|

### Uncertainty of Radiated Emission Measurement (1GHz ~ 18GHz)

|                                                                            |       |
|----------------------------------------------------------------------------|-------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 4.5dB |
|----------------------------------------------------------------------------|-------|

### Uncertainty of Radiated Emission Measurement (18GHz ~ 40GHz)

|                                                                            |       |
|----------------------------------------------------------------------------|-------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 4.7dB |
|----------------------------------------------------------------------------|-------|



## Appendix A. Radiated Spurious Emission

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

| WIFI<br>Ant.<br>1+2         | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-----------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11b<br>CH 01<br>2412MHz |      | 2385.92              | 52                  | -22                     | 74                          | 56.55                     | 27                            | 5.47                    | 37.02                      | 337                  | 145                     | P                       | H               |
|                             |      | 2388.78              | 41.67               | -12.33                  | 54                          | 46.22                     | 27                            | 5.47                    | 37.02                      | 337                  | 145                     | A                       | H               |
|                             | *    | 2412                 | 107.75              | -                       | -                           | 112.15                    | 27.13                         | 5.47                    | 37                         | 337                  | 145                     | P                       | H               |
|                             | *    | 2410                 | 103.58              | -                       | -                           | 107.98                    | 27.13                         | 5.47                    | 37                         | 337                  | 145                     | A                       | H               |
|                             |      | 2387.87              | 54.27               | -19.73                  | 74                          | 58.82                     | 27                            | 5.47                    | 37.02                      | 363                  | 154                     | P                       | V               |
|                             |      | 2388.91              | 43.93               | -10.07                  | 54                          | 48.48                     | 27                            | 5.47                    | 37.02                      | 363                  | 154                     | A                       | V               |
|                             | *    | 2414                 | 110.18              | -                       | -                           | 114.58                    | 27.13                         | 5.47                    | 37                         | 363                  | 154                     | P                       | V               |
|                             | *    | 2414                 | 105.93              | -                       | -                           | 110.33                    | 27.13                         | 5.47                    | 37                         | 363                  | 154                     | A                       | V               |
| 802.11b<br>CH 06<br>2437MHz |      | 2388.26              | 50.85               | -23.15                  | 74                          | 55.4                      | 27                            | 5.47                    | 37.02                      | 334                  | 148                     | P                       | H               |
|                             |      | 2389.17              | 39.91               | -14.09                  | 54                          | 44.46                     | 27                            | 5.47                    | 37.02                      | 334                  | 148                     | A                       | H               |
|                             | *    | 2438                 | 108.75              | -                       | -                           | 112.84                    | 27.39                         | 5.49                    | 36.97                      | 334                  | 148                     | P                       | H               |
|                             | *    | 2438                 | 105.11              | -                       | -                           | 109.2                     | 27.39                         | 5.49                    | 36.97                      | 334                  | 148                     | A                       | H               |
|                             |      | 2484.7               | 52.53               | -21.47                  | 74                          | 56.32                     | 27.64                         | 5.51                    | 36.94                      | 334                  | 148                     | P                       | H               |
|                             |      | 2484.7               | 41.03               | -12.97                  | 54                          | 44.82                     | 27.64                         | 5.51                    | 36.94                      | 334                  | 148                     | A                       | H               |
|                             |      | 2389.82              | 51.83               | -22.17                  | 74                          | 56.38                     | 27                            | 5.47                    | 37.02                      | 363                  | 154                     | P                       | V               |
|                             |      | 2389.17              | 41.24               | -12.76                  | 54                          | 45.79                     | 27                            | 5.47                    | 37.02                      | 363                  | 154                     | A                       | V               |
|                             | *    | 2438                 | 110.94              | -                       | -                           | 115.03                    | 27.39                         | 5.49                    | 36.97                      | 363                  | 154                     | P                       | V               |
|                             | *    | 2438                 | 107.72              | -                       | -                           | 111.81                    | 27.39                         | 5.49                    | 36.97                      | 363                  | 154                     | A                       | V               |
|                             |      | 2485.72              | 52.82               | -21.18                  | 74                          | 56.61                     | 27.64                         | 5.51                    | 36.94                      | 363                  | 154                     | P                       | V               |
|                             |      | 2484.88              | 42.8                | -11.2                   | 54                          | 46.59                     | 27.64                         | 5.51                    | 36.94                      | 363                  | 154                     | A                       | V               |



|                                      |                                                                                             |         |        |        |    |        |       |      |       |     |     |   |   |
|--------------------------------------|---------------------------------------------------------------------------------------------|---------|--------|--------|----|--------|-------|------|-------|-----|-----|---|---|
| <b>802.11b<br/>CH 11<br/>2462MHz</b> | *                                                                                           | 2462    | 106.16 | -      | -  | 110.11 | 27.51 | 5.5  | 36.96 | 364 | 157 | P | H |
|                                      | *                                                                                           | 2462    | 102.01 | -      | -  | 105.96 | 27.51 | 5.5  | 36.96 | 364 | 157 | A | H |
|                                      |                                                                                             | 2483.98 | 54.38  | -19.62 | 74 | 58.17  | 27.64 | 5.51 | 36.94 | 364 | 157 | P | H |
|                                      |                                                                                             | 2484.58 | 42.68  | -11.32 | 54 | 46.47  | 27.64 | 5.51 | 36.94 | 364 | 157 | A | H |
|                                      | *                                                                                           | 2462    | 109.27 | -      | -  | 113.22 | 27.51 | 5.5  | 36.96 | 397 | 153 | P | V |
|                                      | *                                                                                           | 2464    | 106    | -      | -  | 109.95 | 27.51 | 5.5  | 36.96 | 397 | 153 | A | V |
|                                      |                                                                                             | 2489.2  | 56.65  | -17.35 | 74 | 60.29  | 27.77 | 5.52 | 36.93 | 397 | 153 | P | V |
|                                      |                                                                                             | 2483.62 | 45.64  | -8.36  | 54 | 49.43  | 27.64 | 5.51 | 36.94 | 397 | 153 | A | V |
| <b>Remark</b>                        | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |         |        |        |    |        |       |      |       |     |     |   |   |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Harmonic @ 3m)

| WIFI<br>Ant.<br>1+2 | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|---------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11b             |                                                                                             | 4824                 | 46.71               | -27.29                  | 74                          | 44.16                     | 31.51                         | 7.72                    | 36.68                      | 100                  | 360                     | P                       | H               |
| CH 01               |                                                                                             | 4824                 | 52.96               | -21.04                  | 74                          | 50.41                     | 31.51                         | 7.72                    | 36.68                      | 100                  | 360                     | P                       | V               |
| 2412MHz             |                                                                                             | 4824                 | 44.55               | -9.45                   | 54                          | 42                        | 31.51                         | 7.72                    | 36.68                      | 100                  | 360                     | A                       | V               |
| 802.11b             |                                                                                             | 4872                 | 45.24               | -28.76                  | 74                          | 42.55                     | 31.59                         | 7.76                    | 36.66                      | 100                  | 360                     | P                       | H               |
| CH 06               |                                                                                             | 7308                 | 45.42               | -28.58                  | 74                          | 38.32                     | 34.03                         | 9.76                    | 36.69                      | 100                  | 360                     | P                       | H               |
| 2437MHz             |                                                                                             | 4872                 | 49.01               | -24.99                  | 74                          | 46.32                     | 31.59                         | 7.76                    | 36.66                      | 100                  | 360                     | P                       | V               |
|                     |                                                                                             | 7308                 | 45.9                | -28.1                   | 74                          | 38.8                      | 34.03                         | 9.76                    | 36.69                      | 100                  | 360                     | P                       | V               |
| 802.11b             |                                                                                             | 4926                 | 45.07               | -28.93                  | 74                          | 42.25                     | 31.67                         | 7.8                     | 36.65                      | 100                  | 360                     | P                       | H               |
| CH 11               |                                                                                             | 7386                 | 45.16               | -28.84                  | 74                          | 37.79                     | 34.29                         | 9.86                    | 36.78                      | 100                  | 360                     | P                       | H               |
| 2462MHz             |                                                                                             | 4926                 | 47.61               | -26.39                  | 74                          | 44.79                     | 31.67                         | 7.8                     | 36.65                      | 100                  | 360                     | P                       | V               |
|                     |                                                                                             | 7386                 | 45.46               | -28.54                  | 74                          | 38.09                     | 34.29                         | 9.86                    | 36.78                      | 100                  | 360                     | P                       | V               |
| Remark              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                         |                            |                      |                         |                         |                 |



**2.4GHz 2400~2483.5MHz**  
**WIFI 802.11g (Band Edge @ 3m)**

| WIFI<br>Ant.<br>1+2         | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-----------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11g<br>CH 01<br>2412MHz |      | 2389.82              | 56.93               | -17.07                  | 74                          | 61.48                     | 27                            | 5.47                    | 37.02                      | 317                  | 110                     | P                       | H               |
|                             |      | 2389.95              | 46.84               | -7.16                   | 54                          | 51.39                     | 27                            | 5.47                    | 37.02                      | 317                  | 110                     | A                       | H               |
|                             | *    | 2414                 | 106.57              | -                       | -                           | 110.97                    | 27.13                         | 5.47                    | 37                         | 317                  | 110                     | P                       | H               |
|                             | *    | 2414                 | 98.48               | -                       | -                           | 102.88                    | 27.13                         | 5.47                    | 37                         | 317                  | 110                     | A                       | H               |
|                             |      | 2389.69              | 61.08               | -12.92                  | 74                          | 65.63                     | 27                            | 5.47                    | 37.02                      | 366                  | 154                     | P                       | V               |
|                             |      | 2389.95              | 49.43               | -4.57                   | 54                          | 53.98                     | 27                            | 5.47                    | 37.02                      | 366                  | 154                     | A                       | V               |
|                             | *    | 2414                 | 109.78              | -                       | -                           | 114.18                    | 27.13                         | 5.47                    | 37                         | 366                  | 154                     | P                       | V               |
|                             | *    | 2414                 | 101.63              | -                       | -                           | 106.03                    | 27.13                         | 5.47                    | 37                         | 366                  | 154                     | A                       | V               |
| 802.11g<br>CH 06<br>2437MHz |      | 2384.23              | 51.03               | -22.97                  | 74                          | 55.65                     | 26.95                         | 5.45                    | 37.02                      | 334                  | 146                     | P                       | H               |
|                             |      | 2389.56              | 40.74               | -13.26                  | 54                          | 45.29                     | 27                            | 5.47                    | 37.02                      | 334                  | 146                     | A                       | H               |
|                             | *    | 2436                 | 109.57              | -                       | -                           | 113.82                    | 27.26                         | 5.48                    | 36.99                      | 334                  | 146                     | P                       | H               |
|                             | *    | 2440                 | 102.14              | -                       | -                           | 106.23                    | 27.39                         | 5.49                    | 36.97                      | 334                  | 146                     | A                       | H               |
|                             |      | 2487.22              | 52.12               | -21.88                  | 74                          | 55.91                     | 27.64                         | 5.51                    | 36.94                      | 334                  | 146                     | P                       | H               |
|                             |      | 2484.52              | 42.09               | -11.91                  | 54                          | 45.88                     | 27.64                         | 5.51                    | 36.94                      | 334                  | 146                     | A                       | H               |
|                             |      | 2388                 | 52.74               | -21.26                  | 74                          | 57.29                     | 27                            | 5.47                    | 37.02                      | 355                  | 151                     | P                       | V               |
|                             |      | 2389.04              | 42.07               | -11.93                  | 54                          | 46.62                     | 27                            | 5.47                    | 37.02                      | 355                  | 151                     | A                       | V               |
|                             | *    | 2440                 | 112.63              | -                       | -                           | 116.72                    | 27.39                         | 5.49                    | 36.97                      | 355                  | 151                     | P                       | V               |
|                             | *    | 2440                 | 104.94              | -                       | -                           | 109.03                    | 27.39                         | 5.49                    | 36.97                      | 355                  | 151                     | A                       | V               |
|                             |      | 2485                 | 54.44               | -19.56                  | 74                          | 58.23                     | 27.64                         | 5.51                    | 36.94                      | 355                  | 151                     | P                       | V               |
|                             |      | 2485.06              | 44.54               | -9.46                   | 54                          | 48.33                     | 27.64                         | 5.51                    | 36.94                      | 355                  | 151                     | A                       | V               |



|                                      |                                                                                             |         |        |        |    |        |       |      |       |     |     |   |   |
|--------------------------------------|---------------------------------------------------------------------------------------------|---------|--------|--------|----|--------|-------|------|-------|-----|-----|---|---|
| <b>802.11g<br/>CH 11<br/>2462MHz</b> | *                                                                                           | 2464    | 105.02 | -      | -  | 108.97 | 27.51 | 5.5  | 36.96 | 351 | 102 | P | H |
|                                      | *                                                                                           | 2464    | 96.9   | -      | -  | 100.85 | 27.51 | 5.5  | 36.96 | 351 | 102 | A | H |
|                                      |                                                                                             | 2484.16 | 55.29  | -18.71 | 74 | 59.08  | 27.64 | 5.51 | 36.94 | 351 | 102 | P | H |
|                                      |                                                                                             | 2483.86 | 45.22  | -8.78  | 54 | 49.01  | 27.64 | 5.51 | 36.94 | 351 | 102 | A | H |
|                                      | *                                                                                           | 2460    | 107.77 | -      | -  | 111.72 | 27.51 | 5.5  | 36.96 | 400 | 152 | P | V |
|                                      | *                                                                                           | 2460    | 100.12 | -      | -  | 104.07 | 27.51 | 5.5  | 36.96 | 400 | 152 | A | V |
|                                      |                                                                                             | 2484.16 | 58.29  | -15.71 | 74 | 62.08  | 27.64 | 5.51 | 36.94 | 400 | 152 | P | V |
|                                      |                                                                                             | 2483.51 | 47.58  | -6.42  | 54 | 51.37  | 27.64 | 5.51 | 36.94 | 400 | 152 | A | V |
| <b>Remark</b>                        | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |         |        |        |    |        |       |      |       |     |     |   |   |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Harmonic @ 3m)

| WIFI<br>Ant.<br>1+2         | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-----------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11g<br>CH 01<br>2412MHz |                                                                                             | 4824                 | 42.6                | -31.4                   | 74                          | 40.05                     | 31.51                         | 7.72                    | 36.68                      | 200                  | 360                     | P                     | H             |
|                             |                                                                                             | 4824                 | 44.19               | -29.81                  | 74                          | 41.64                     | 31.51                         | 7.72                    | 36.68                      | 200                  | 0                       | P                     | V             |
| 802.11g<br>CH 06<br>2437MHz |                                                                                             | 4872                 | 43.37               | -30.63                  | 74                          | 40.68                     | 31.59                         | 7.76                    | 36.66                      | 200                  | 360                     | P                     | H             |
|                             |                                                                                             | 7311                 | 45.7                | -28.3                   | 74                          | 38.6                      | 34.03                         | 9.76                    | 36.69                      | 200                  | 360                     | P                     | H             |
|                             |                                                                                             | 4872                 | 44.92               | -29.08                  | 74                          | 42.23                     | 31.59                         | 7.76                    | 36.66                      | 200                  | 360                     | P                     | V             |
|                             |                                                                                             | 7311                 | 45.94               | -28.06                  | 74                          | 38.84                     | 34.03                         | 9.76                    | 36.69                      | 200                  | 360                     | P                     | V             |
| 802.11g<br>CH 11<br>2462MHz |                                                                                             | 4926                 | 42.84               | -31.16                  | 74                          | 40.02                     | 31.67                         | 7.8                     | 36.65                      | 200                  | 0                       | P                     | H             |
|                             |                                                                                             | 7386                 | 46.61               | -27.39                  | 74                          | 39.24                     | 34.29                         | 9.86                    | 36.78                      | 200                  | 0                       | P                     | H             |
|                             |                                                                                             | 4926                 | 43.59               | -30.41                  | 74                          | 40.77                     | 31.67                         | 7.8                     | 36.65                      | 200                  | 0                       | P                     | V             |
|                             |                                                                                             | 7386                 | 46.75               | -27.25                  | 74                          | 39.38                     | 34.29                         | 9.86                    | 36.78                      | 200                  | 0                       | P                     | V             |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                         |                            |                      |                         |                       |               |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT20 (Band Edge @ 3m)

| WIFI<br>Ant.<br>1+2                   | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|---------------------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ac<br>VHT20<br>CH 01<br>2412MHz |      | 2389.95              | 57.68               | -16.32                  | 74                          | 62.23                     | 27                            | 5.47                    | 37.02                      | 161                  | 113                     | P                       | H               |
|                                       |      | 2389.95              | 46.28               | -7.72                   | 54                          | 50.83                     | 27                            | 5.47                    | 37.02                      | 161                  | 113                     | A                       | H               |
|                                       | *    | 2414                 | 106.23              | -                       | -                           | 110.63                    | 27.13                         | 5.47                    | 37                         | 161                  | 113                     | P                       | H               |
|                                       | *    | 2414                 | 98.33               | -                       | -                           | 102.73                    | 27.13                         | 5.47                    | 37                         | 161                  | 113                     | A                       | H               |
|                                       |      | 2389.82              | 60.55               | -13.45                  | 74                          | 65.1                      | 27                            | 5.47                    | 37.02                      | 321                  | 154                     | P                       | V               |
|                                       |      | 2389.95              | 50.62               | -3.38                   | 54                          | 55.17                     | 27                            | 5.47                    | 37.02                      | 321                  | 154                     | A                       | V               |
|                                       | *    | 2412                 | 109.34              | -                       | -                           | 113.74                    | 27.13                         | 5.47                    | 37                         | 321                  | 154                     | P                       | V               |
|                                       | *    | 2410                 | 101.53              | -                       | -                           | 105.93                    | 27.13                         | 5.47                    | 37                         | 321                  | 154                     | A                       | V               |
| 802.11ac<br>VHT20<br>CH 06<br>2437MHz |      | 2380.46              | 51.09               | -22.91                  | 74                          | 55.71                     | 26.95                         | 5.45                    | 37.02                      | 309                  | 107                     | P                       | H               |
|                                       |      | 2389.17              | 41.29               | -12.71                  | 54                          | 45.84                     | 27                            | 5.47                    | 37.02                      | 309                  | 107                     | A                       | H               |
|                                       | *    | 2438                 | 110.07              | -                       | -                           | 114.16                    | 27.39                         | 5.49                    | 36.97                      | 309                  | 107                     | P                       | H               |
|                                       | *    | 2438                 | 102.22              | -                       | -                           | 106.31                    | 27.39                         | 5.49                    | 36.97                      | 309                  | 107                     | A                       | H               |
|                                       |      | 2490.16              | 53.89               | -20.11                  | 74                          | 57.53                     | 27.77                         | 5.52                    | 36.93                      | 309                  | 107                     | P                       | H               |
|                                       |      | 2485.18              | 42.91               | -11.09                  | 54                          | 46.7                      | 27.64                         | 5.51                    | 36.94                      | 309                  | 107                     | A                       | H               |
|                                       |      | 2389.69              | 52.75               | -21.25                  | 74                          | 57.3                      | 27                            | 5.47                    | 37.02                      | 314                  | 153                     | P                       | V               |
|                                       |      | 2389.04              | 42.95               | -11.05                  | 54                          | 47.5                      | 27                            | 5.47                    | 37.02                      | 314                  | 153                     | A                       | V               |
|                                       | *    | 2438                 | 113                 | -                       | -                           | 117.09                    | 27.39                         | 5.49                    | 36.97                      | 314                  | 153                     | P                       | V               |
|                                       | *    | 2438                 | 105.44              | -                       | -                           | 109.53                    | 27.39                         | 5.49                    | 36.97                      | 314                  | 153                     | A                       | V               |
|                                       |      | 2484.82              | 54.22               | -19.78                  | 74                          | 58.01                     | 27.64                         | 5.51                    | 36.94                      | 314                  | 153                     | P                       | V               |
|                                       |      | 2484.88              | 44.84               | -9.16                   | 54                          | 48.63                     | 27.64                         | 5.51                    | 36.94                      | 314                  | 153                     | A                       | V               |



|                                                                               |                                                                                             |         |        |        |    |        |       |      |       |     |     |   |   |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------|--------|--------|----|--------|-------|------|-------|-----|-----|---|---|
| <b>802.11ac</b><br><br><b>VHT20</b><br><br><b>CH 11</b><br><br><b>2462MHz</b> | *                                                                                           | 2464    | 105.37 | -      | -  | 109.32 | 27.51 | 5.5  | 36.96 | 310 | 106 | P | H |
|                                                                               | *                                                                                           | 2464    | 97.49  | -      | -  | 101.44 | 27.51 | 5.5  | 36.96 | 310 | 106 | A | H |
|                                                                               |                                                                                             | 2483.56 | 56.88  | -17.12 | 74 | 60.67  | 27.64 | 5.51 | 36.94 | 310 | 106 | P | H |
|                                                                               |                                                                                             | 2483.62 | 46.13  | -7.87  | 54 | 49.92  | 27.64 | 5.51 | 36.94 | 310 | 106 | A | H |
|                                                                               | *                                                                                           | 2460    | 109.57 | -      | -  | 113.52 | 27.51 | 5.5  | 36.96 | 347 | 154 | P | V |
|                                                                               | *                                                                                           | 2460    | 101.44 | -      | -  | 105.39 | 27.51 | 5.5  | 36.96 | 347 | 154 | A | V |
|                                                                               |                                                                                             | 2484.46 | 60.25  | -13.75 | 74 | 64.04  | 27.64 | 5.51 | 36.94 | 347 | 154 | P | V |
|                                                                               |                                                                                             | 2483.56 | 49.96  | -4.04  | 54 | 53.75  | 27.64 | 5.51 | 36.94 | 347 | 154 | A | V |
| <b>Remark</b>                                                                 | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |         |        |        |    |        |       |      |       |     |     |   |   |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT20 (Harmonic @ 3m)

| WIFI Ant. 1+2                | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Cable Loss ( dB ) | Preamplifier Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------------|----------------|-------------------|-----------------|------------|
| 802.11ac VHT20 CH 01 2412MHz |                                                                                             | 4824              | 43.37            | -30.63            | 74                    | 40.82               | 31.51                   | 7.72              | 36.68                      | 200            | 0                 | P               | H          |
|                              |                                                                                             | 4824              | 44.16            | -29.84            | 74                    | 41.61               | 31.51                   | 7.72              | 36.68                      | 200            | 360               | P               | V          |
| 802.11ac VHT20 CH 06 2437MHz |                                                                                             | 4872              | 42.77            | -31.23            | 74                    | 40.08               | 31.59                   | 7.76              | 36.66                      | 200            | 0                 | P               | H          |
|                              |                                                                                             | 7311              | 46.09            | -27.91            | 74                    | 38.99               | 34.03                   | 9.76              | 36.69                      | 200            | 0                 | P               | H          |
|                              |                                                                                             | 4872              | 44.66            | -29.34            | 74                    | 41.97               | 31.59                   | 7.76              | 36.66                      | 200            | 360               | P               | V          |
|                              |                                                                                             | 7311              | 46.92            | -27.08            | 74                    | 39.82               | 34.03                   | 9.76              | 36.69                      | 200            | 360               | P               | V          |
| 802.11ac VHT20 CH 11 2462MHz |                                                                                             | 4926              | 42.78            | -31.22            | 74                    | 39.96               | 31.67                   | 7.8               | 36.65                      | 200            | 0                 | P               | H          |
|                              |                                                                                             | 7386              | 46.4             | -27.6             | 74                    | 39.03               | 34.29                   | 9.86              | 36.78                      | 200            | 0                 | P               | H          |
|                              |                                                                                             | 4926              | 45.53            | -28.47            | 74                    | 42.71               | 31.67                   | 7.8               | 36.65                      | 200            | 360               | P               | V          |
|                              |                                                                                             | 7386              | 45.8             | -28.2             | 74                    | 38.43               | 34.29                   | 9.86              | 36.78                      | 200            | 360               | P               | V          |
| Remark                       | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                   |                  |                   |                       |                     |                         |                   |                            |                |                   |                 |            |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Band Edge @ 3m)

| WIFI<br>Ant.<br>1+2                   | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|---------------------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ac<br>VHT40<br>CH 03<br>2422MHz |      | 2382.67              | 62.74               | -11.26                  | 74                          | 67.36                     | 26.95                         | 5.45                    | 37.02                      | 100                  | 112                     | P                     | H             |
|                                       |      | 2389.3               | 46.45               | -7.55                   | 54                          | 51                        | 27                            | 5.47                    | 37.02                      | 100                  | 112                     | A                     | H             |
|                                       | *    | 2432                 | 100.51              | -                       | -                           | 104.76                    | 27.26                         | 5.48                    | 36.99                      | 100                  | 112                     | P                     | H             |
|                                       | *    | 2432                 | 92.59               | -                       | -                           | 96.84                     | 27.26                         | 5.48                    | 36.99                      | 100                  | 112                     | A                     | H             |
|                                       |      | 2484.94              | 57.77               | -16.23                  | 74                          | 61.56                     | 27.64                         | 5.51                    | 36.94                      | 100                  | 112                     | P                     | H             |
|                                       |      | 2483.92              | 43.92               | -10.08                  | 54                          | 47.71                     | 27.64                         | 5.51                    | 36.94                      | 100                  | 112                     | A                     | H             |
|                                       |      | 2387.09              | 64.75               | -9.25                   | 74                          | 69.3                      | 27                            | 5.47                    | 37.02                      | 322                  | 155                     | P                     | V             |
|                                       |      | 2389.3               | 48.96               | -5.04                   | 54                          | 53.51                     | 27                            | 5.47                    | 37.02                      | 322                  | 155                     | A                     | V             |
|                                       | *    | 2432                 | 104.1               | -                       | -                           | 108.35                    | 27.26                         | 5.48                    | 36.99                      | 322                  | 155                     | P                     | V             |
|                                       | *    | 2430                 | 96.25               | -                       | -                           | 100.5                     | 27.26                         | 5.48                    | 36.99                      | 322                  | 155                     | A                     | V             |
|                                       |      | 2484.28              | 59.14               | -14.86                  | 74                          | 62.93                     | 27.64                         | 5.51                    | 36.94                      | 322                  | 155                     | P                     | V             |
|                                       |      | 2484.7               | 45.44               | -8.56                   | 54                          | 49.23                     | 27.64                         | 5.51                    | 36.94                      | 322                  | 155                     | A                     | V             |
| 802.11ac<br>VHT40<br>CH 06<br>2437MHz |      | 2389.04              | 60.49               | -13.51                  | 74                          | 65.04                     | 27                            | 5.47                    | 37.02                      | 385                  | 146                     | P                     | H             |
|                                       |      | 2388.91              | 44.92               | -9.08                   | 54                          | 49.47                     | 27                            | 5.47                    | 37.02                      | 385                  | 146                     | A                     | H             |
|                                       | *    | 2440                 | 102.89              | -                       | -                           | 106.98                    | 27.39                         | 5.49                    | 36.97                      | 385                  | 146                     | P                     | H             |
|                                       | *    | 2440                 | 95.02               | -                       | -                           | 99.11                     | 27.39                         | 5.49                    | 36.97                      | 385                  | 146                     | A                     | H             |
|                                       |      | 2484.1               | 58.18               | -15.82                  | 74                          | 61.97                     | 27.64                         | 5.51                    | 36.94                      | 385                  | 146                     | P                     | H             |
|                                       |      | 2484.88              | 44.54               | -9.46                   | 54                          | 48.33                     | 27.64                         | 5.51                    | 36.94                      | 385                  | 146                     | A                     | H             |
|                                       |      | 2388.52              | 64.02               | -9.98                   | 74                          | 68.57                     | 27                            | 5.47                    | 37.02                      | 312                  | 154                     | P                     | V             |
|                                       |      | 2389.04              | 47.37               | -6.63                   | 54                          | 51.92                     | 27                            | 5.47                    | 37.02                      | 312                  | 154                     | A                     | V             |
|                                       | *    | 2440                 | 105.58              | -                       | -                           | 109.67                    | 27.39                         | 5.49                    | 36.97                      | 312                  | 154                     | P                     | V             |
|                                       | *    | 2436                 | 97.65               | -                       | -                           | 101.9                     | 27.26                         | 5.48                    | 36.99                      | 312                  | 154                     | A                     | V             |
|                                       |      | 2487.34              | 65.57               | -8.43                   | 74                          | 69.36                     | 27.64                         | 5.51                    | 36.94                      | 312                  | 154                     | P                     | V             |
|                                       |      | 2485.06              | 50.62               | -3.38                   | 54                          | 54.41                     | 27.64                         | 5.51                    | 36.94                      | 312                  | 154                     | A                     | V             |



|                                                                   |                                                                                             |         |        |        |    |        |       |      |       |     |     |   |   |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------|--------|--------|----|--------|-------|------|-------|-----|-----|---|---|
| <b>802.11ac</b><br><b>VHT40</b><br><b>CH 09</b><br><b>2452MHz</b> |                                                                                             | 2382.41 | 56.89  | -17.11 | 74 | 61.51  | 26.95 | 5.45 | 37.02 | 279 | 107 | P | H |
|                                                                   |                                                                                             | 2388    | 42.52  | -11.48 | 54 | 47.07  | 27    | 5.47 | 37.02 | 279 | 107 | A | H |
|                                                                   | *                                                                                           | 2444    | 98.93  | -      | -  | 103.02 | 27.39 | 5.49 | 36.97 | 279 | 107 | P | H |
|                                                                   | *                                                                                           | 2444    | 91.5   | -      | -  | 95.59  | 27.39 | 5.49 | 36.97 | 279 | 107 | A | H |
|                                                                   |                                                                                             | 2485.48 | 62.27  | -11.73 | 74 | 66.06  | 27.64 | 5.51 | 36.94 | 279 | 107 | P | H |
|                                                                   |                                                                                             | 2483.74 | 46.46  | -7.54  | 54 | 50.25  | 27.64 | 5.51 | 36.94 | 279 | 107 | A | H |
|                                                                   |                                                                                             | 2388.13 | 59.94  | -14.06 | 74 | 64.49  | 27    | 5.47 | 37.02 | 342 | 154 | P | V |
|                                                                   |                                                                                             | 2386.96 | 44.1   | -9.9   | 54 | 48.65  | 27    | 5.47 | 37.02 | 342 | 154 | A | V |
|                                                                   | *                                                                                           | 2462    | 101.97 | -      | -  | 105.92 | 27.51 | 5.5  | 36.96 | 342 | 154 | P | V |
|                                                                   | *                                                                                           | 2460    | 94.14  | -      | -  | 98.09  | 27.51 | 5.5  | 36.96 | 342 | 154 | A | V |
|                                                                   |                                                                                             | 2485.12 | 66.18  | -7.82  | 74 | 69.97  | 27.64 | 5.51 | 36.94 | 342 | 154 | P | V |
|                                                                   |                                                                                             | 2485.54 | 49.9   | -4.1   | 54 | 53.69  | 27.64 | 5.51 | 36.94 | 342 | 154 | A | V |
| <b>Remark</b>                                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |         |        |        |    |        |       |      |       |     |     |   |   |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Harmonic @ 3m)

| WIFI<br>Ant.<br>1+2 | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|---------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ac            |                                                                                             | 4842                 | 42.7                | -31.3                   | 74                          | 40.11                     | 31.53                         | 7.74                    | 36.68                      | 200                  | 0                       | P                       | H               |
| VHT40               |                                                                                             | 7266                 | 46.39               | -27.61                  | 74                          | 39.4                      | 33.93                         | 9.72                    | 36.66                      | 200                  | 0                       | P                       | H               |
| CH 03               |                                                                                             | 4844                 | 42.46               | -31.54                  | 74                          | 39.87                     | 31.53                         | 7.74                    | 36.68                      | 200                  | 0                       | P                       | V               |
| 2422MHz             |                                                                                             | 7266                 | 46.16               | -27.84                  | 74                          | 39.17                     | 33.93                         | 9.72                    | 36.66                      | 200                  | 0                       | P                       | V               |
| 802.11ac            |                                                                                             | 4872                 | 43.29               | -30.71                  | 74                          | 40.6                      | 31.59                         | 7.76                    | 36.66                      | 200                  | 360                     | P                       | H               |
| VHT40               |                                                                                             | 7311                 | 47.03               | -26.97                  | 74                          | 39.93                     | 34.03                         | 9.76                    | 36.69                      | 200                  | 360                     | P                       | H               |
| CH 06               |                                                                                             | 4874                 | 43.31               | -30.69                  | 74                          | 40.62                     | 31.59                         | 7.76                    | 36.66                      | 200                  | 0                       | P                       | V               |
| 2437MHz             |                                                                                             | 7308                 | 45.9                | -28.1                   | 74                          | 38.8                      | 34.03                         | 9.76                    | 36.69                      | 200                  | 0                       | P                       | V               |
| 802.11ac            |                                                                                             | 4902                 | 43.02               | -30.98                  | 74                          | 40.25                     | 31.64                         | 7.78                    | 36.65                      | 200                  | 360                     | P                       | H               |
| VHT40               |                                                                                             | 7356                 | 46.54               | -27.46                  | 74                          | 39.28                     | 34.19                         | 9.82                    | 36.75                      | 200                  | 360                     | P                       | H               |
| CH 09               |                                                                                             | 4904                 | 43.65               | -30.35                  | 74                          | 40.88                     | 31.64                         | 7.78                    | 36.65                      | 200                  | 360                     | P                       | V               |
| 2452MHz             |                                                                                             | 7356                 | 45.74               | -28.26                  | 74                          | 38.48                     | 34.19                         | 9.82                    | 36.75                      | 200                  | 360                     | P                       | V               |
| Remark              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                         |                            |                      |                         |                         |                 |



**2.4GHz 2400~2483.5MHz**  
**WIFI 802.11g (Band Edge @ 3m)**

| WIFI<br>Ant.<br>1+2                  | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| <b>802.11g<br/>CH 10<br/>2457MHz</b> | *                                                                                           | 2454                 | 109.99              | -                       | -                           | 113.94                    | 27.51                         | 5.5                     | 36.96                      | 323                  | 107                     | P                       | H               |
|                                      | *                                                                                           | 2460                 | 102.35              | -                       | -                           | 106.3                     | 27.51                         | 5.5                     | 36.96                      | 323                  | 107                     | A                       | H               |
|                                      |                                                                                             | 2484.94              | 58.23               | -15.77                  | 74                          | 62.02                     | 27.64                         | 5.51                    | 36.94                      | 323                  | 107                     | P                       | H               |
|                                      |                                                                                             | 2483.5               | 46.72               | -7.28                   | 54                          | 50.51                     | 27.64                         | 5.51                    | 36.94                      | 323                  | 107                     | A                       | H               |
|                                      | *                                                                                           | 2460                 | 113.19              | -                       | -                           | 117.14                    | 27.51                         | 5.5                     | 36.96                      | 349                  | 156                     | P                       | V               |
|                                      | *                                                                                           | 2460                 | 105.39              | -                       | -                           | 109.34                    | 27.51                         | 5.5                     | 36.96                      | 349                  | 156                     | A                       | V               |
|                                      |                                                                                             | 2484.76              | 63.11               | -10.89                  | 74                          | 66.9                      | 27.64                         | 5.51                    | 36.94                      | 349                  | 156                     | P                       | V               |
|                                      |                                                                                             | 2484.04              | 50.69               | -3.31                   | 54                          | 54.48                     | 27.64                         | 5.51                    | 36.94                      | 349                  | 156                     | A                       | V               |
| <b>Remark</b>                        | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                         |                            |                      |                         |                         |                 |

**2.4GHz 2400~2483.5MHz**  
**WIFI 802.11g (Harmonic @ 3m)**

| WIFI<br>Ant.<br>1+2                 | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| <b>802.11g<br/>CH10<br/>2457MHz</b> |                                                                                             | 4914                 | 43.05               | -30.95                  | 74                          | 40.28                     | 31.64                         | 7.78                    | 36.65                      | 100                  | 360                     | P                       | H               |
|                                     |                                                                                             | 7371                 | 45.4                | -28.6                   | 74                          | 38.08                     | 34.24                         | 9.84                    | 36.76                      | 100                  | 360                     | P                       | H               |
|                                     |                                                                                             | 4914                 | 44.91               | -29.09                  | 74                          | 42.14                     | 31.64                         | 7.78                    | 36.65                      | 100                  | 360                     | P                       | V               |
|                                     |                                                                                             | 7371                 | 45.83               | -28.17                  | 74                          | 38.51                     | 34.24                         | 9.84                    | 36.76                      | 100                  | 360                     | P                       | V               |
| <b>Remark</b>                       | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                         |                            |                      |                         |                         |                 |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT20 (Band Edge @ 3m)

| WIFI Ant. 1+2                         | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Cable Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ac<br>VHT20<br>CH 10<br>2457MHz | *                                                                                           | 2458              | 110.34           | -                 | -                     | 114.29              | 27.51                   | 5.5               | 36.96                | 315            | 109               | P               | H          |
|                                       | *                                                                                           | 2456              | 102.28           | -                 | -                     | 106.23              | 27.51                   | 5.5               | 36.96                | 315            | 109               | A               | H          |
|                                       |                                                                                             | 2483.8            | 56.71            | -17.29            | 74                    | 60.5                | 27.64                   | 5.51              | 36.94                | 315            | 109               | P               | H          |
|                                       |                                                                                             | 2483.5            | 46.53            | -7.47             | 54                    | 50.32               | 27.64                   | 5.51              | 36.94                | 315            | 109               | A               | H          |
|                                       | *                                                                                           | 2456              | 112.95           | -                 | -                     | 116.9               | 27.51                   | 5.5               | 36.96                | 350            | 153               | P               | V          |
|                                       | *                                                                                           | 2456              | 105.23           | -                 | -                     | 109.18              | 27.51                   | 5.5               | 36.96                | 350            | 153               | A               | V          |
|                                       |                                                                                             | 2485.42           | 61.23            | -12.77            | 74                    | 65.02               | 27.64                   | 5.51              | 36.94                | 350            | 153               | P               | V          |
|                                       |                                                                                             | 2483.5            | 50.2             | -3.8              | 54                    | 53.99               | 27.64                   | 5.51              | 36.94                | 350            | 153               | A               | V          |
| Remark                                | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                   |                  |                   |                       |                     |                         |                   |                      |                |                   |                 |            |

## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT20 (Harmonic @ 3m)

| WIFI Ant. 1+2                         | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Cable Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ac<br>VHT20<br>CH 10<br>2457MHz |                                                                                             | 4914              | 43.49            | -30.51            | 74                    | 40.72               | 31.64                   | 7.78              | 36.65                | 100            | 360               | P               | H          |
|                                       |                                                                                             | 7368              | 45.93            | -28.07            | 74                    | 38.61               | 34.24                   | 9.84              | 36.76                | 100            | 360               | P               | H          |
|                                       |                                                                                             | 4914              | 46.55            | -27.45            | 74                    | 43.78               | 31.64                   | 7.78              | 36.65                | 100            | 360               | P               | V          |
|                                       |                                                                                             | 7368              | 45.69            | -28.31            | 74                    | 38.37               | 34.24                   | 9.84              | 36.76                | 100            | 360               | P               | V          |
| Remark                                | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                   |                  |                   |                       |                     |                         |                   |                      |                |                   |                 |            |



## Emission below 1GHz

## 2.4GHz WIFI 802.11g (LF)

| WIFI<br>Ant.<br>1+2     | Note                                                                       | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------------|----------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 2.4GHz<br>802.11g<br>LF |                                                                            | 34.85                | 32.06               | -7.94                   | 40                          | 37.2                    | 25.5                          | 0.71                    | 31.35                      | -                    | -                       | P                     | H             |
|                         |                                                                            | 194.9                | 35.1                | -8.4                    | 43.5                        | 48.89                   | 16.01                         | 1.7                     | 31.5                       | -                    | -                       | P                     | H             |
|                         |                                                                            | 287.05               | 34.95               | -11.05                  | 46                          | 45.79                   | 18.52                         | 2.03                    | 31.39                      | -                    | -                       | P                     | H             |
|                         |                                                                            | 309.36               | 36.74               | -9.26                   | 46                          | 46.46                   | 19.45                         | 2.17                    | 31.34                      | -                    | -                       | P                     | H             |
|                         |                                                                            | 601.33               | 30.46               | -15.54                  | 46                          | 34.59                   | 24.52                         | 3.07                    | 31.72                      | -                    | -                       | P                     | H             |
|                         |                                                                            | 704.15               | 38.4                | -7.6                    | 46                          | 39.43                   | 26.67                         | 3.35                    | 31.05                      | 100                  | 12                      | P                     | H             |
|                         |                                                                            | 31.94                | 36.02               | -3.98                   | 40                          | 40.12                   | 26.52                         | 0.68                    | 31.3                       | 100                  | 360                     | P                     | V             |
|                         |                                                                            | 365.62               | 34.03               | -11.97                  | 46                          | 41.03                   | 21.88                         | 2.35                    | 31.23                      | -                    | -                       | P                     | V             |
|                         |                                                                            | 504.33               | 32.27               | -13.73                  | 46                          | 37.26                   | 23.45                         | 2.81                    | 31.25                      | -                    | -                       | P                     | V             |
|                         |                                                                            | 647.89               | 30.85               | -15.15                  | 46                          | 33.14                   | 25.65                         | 3.2                     | 31.14                      | -                    | -                       | P                     | V             |
|                         |                                                                            | 708.03               | 31.37               | -14.63                  | 46                          | 32.35                   | 26.72                         | 3.36                    | 31.06                      | -                    | -                       | P                     | V             |
|                         |                                                                            | 906.88               | 35.22               | -10.78                  | 46                          | 33.56                   | 28.63                         | 3.87                    | 30.84                      | -                    | -                       | P                     | V             |
| Remark                  | 1. No other spurious found.<br>2. All results are PASS against limit line. |                      |                     |                         |                             |                         |                               |                         |                            |                      |                         |                       |               |



**Note symbol**

|     |                                                                                                                                                          |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| *   | <b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency. |
| !   | Test result is <b>over limit</b> line.                                                                                                                   |
| P/A | <b>P</b> eak or <b>A</b> verage                                                                                                                          |
| H/V | <b>H</b> orizontal or <b>V</b> ertical                                                                                                                   |

**A calculation example for radiated spurious emission is shown as below:**

| WIFI<br>Ant.<br>1 | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------|------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11b<br>CH 01  |      | 2390                 | 55.45               | -18.55                  | 74                          | 54.51                     | 32.22                         | 4.58                    | 35.86                      | 103                  | 308                     | P                       | H               |
| 2412MHz           |      | 2390                 | 43.54               | -10.46                  | 54                          | 42.6                      | 32.22                         | 4.58                    | 35.86                      | 103                  | 308                     | A                       | H               |

1. Level(dBμV/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

**Both peak and average measured complies with the limit line, so test result is “PASS”.**



## **Appendix B. Radiated Spurious Emission Plots**

### **Note symbol**

|    |                       |
|----|-----------------------|
| -L | Low channel location  |
| -R | High channel location |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |        |             |             |             |        |        |             |            |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------------|-------------|-------------|--------|--------|-------------|------------|----------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|--------|-------|-------|--------|-------|------|-------|-------------|------------|
| ANT  | 802.11b CH01 2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |        |             |             |             |        |        |             |            |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Fundamental |        |             |             |             |        |        |             |            |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| Peak | <div><p>Site Condition : 802.11b-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000.000Hz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2385.92</td><td>52.00</td><td>-22.00</td><td>74.00</td><td>56.55</td><td>27.00</td><td>5.47</td><td>37.02</td><td>145 Peak</td><td>HORIZONTAL</td></tr></table></div>       | Freq        | Level  | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos       | T/Pos      | Remark   | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2385.92 | 52.00 | -22.00 | 74.00 | 56.55 | 27.00 | 5.47 | 37.02 | 145 Peak    | HORIZONTAL | <div><p>Site Condition : 802.11b-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000.000Hz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2412.00</td><td>107.75</td><td>33.75</td><td>74.00</td><td>112.15</td><td>27.13</td><td>5.47</td><td>37.00</td><td>145 Peak</td><td>HORIZONTAL</td></tr></table></div>       | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2412.00 | 107.75 | 33.75 | 74.00 | 112.15 | 27.13 | 5.47 | 37.00 | 145 Peak    | HORIZONTAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Level       | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phas |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB          | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg    |             |            |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| 1    | 2385.92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 52.00       | -22.00 | 74.00       | 56.55       | 27.00       | 5.47   | 37.02  | 145 Peak    | HORIZONTAL |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Over        | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark      | Pol/Phas   |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB          | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg    |             |            |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| 1    | 2412.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 107.75      | 33.75  | 74.00       | 112.15      | 27.13       | 5.47   | 37.00  | 145 Peak    | HORIZONTAL |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| Avg. | <div><p>Site Condition : 802.11b-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:0.810KHz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2388.78</td><td>41.67</td><td>-12.33</td><td>54.00</td><td>46.22</td><td>27.00</td><td>5.47</td><td>37.02</td><td>145 Average</td><td>HORIZONTAL</td></tr></table></div> | Freq        | Level  | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos       | T/Pos      | Remark   | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2388.78 | 41.67 | -12.33 | 54.00 | 46.22 | 27.00 | 5.47 | 37.02 | 145 Average | HORIZONTAL | <div><p>Site Condition : 802.11b-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:0.810KHz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2410.00</td><td>103.58</td><td>49.58</td><td>54.00</td><td>107.90</td><td>27.13</td><td>5.47</td><td>37.00</td><td>145 Average</td><td>HORIZONTAL</td></tr></table></div> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2410.00 | 103.58 | 49.58 | 54.00 | 107.90 | 27.13 | 5.47 | 37.00 | 145 Average | HORIZONTAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Level       | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phas |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB          | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg    |             |            |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| 1    | 2388.78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 41.67       | -12.33 | 54.00       | 46.22       | 27.00       | 5.47   | 37.02  | 145 Average | HORIZONTAL |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Over        | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark      | Pol/Phas   |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB          | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg    |             |            |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| 1    | 2410.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 103.58      | 49.58  | 54.00       | 107.90      | 27.13       | 5.47   | 37.00  | 145 Average | HORIZONTAL |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |

WIFI

ANT

1+2

2.4GHz 2400~2483.5MHz Band Edge @ 3m

802.11b CH01 2412MHz

Vertical

Fundamental

Peak

117

Level (dBuV/m)

105.3

93.6

81.9

78.2

58.5

46.8

35.1

23.4

11.7

2310

2320.

2340.

2360.

2380.

2400.

2420.

2440

Frequency (MHz)

Site Condition

: 03CH03-KS

: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL

: dBu:1000.000MHz VSW:3000.000Hz SWT:Auto

|   | Freq    | Level  | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas     |          |
|---|---------|--------|------------|-------------|--------------|-------|-------|--------|--------------|----------|
|   | MHz     | dBuV/m | dB         | dBuV/m      | dBuV/m       | dB    | deg   |        |              |          |
| 1 | 2387.87 | 54.27  | -19.73     | 74.00       | 58.82        | 27.00 | 5.47  | 37.02  | 363 154 Peak | VERTICAL |

117

Level (dBuV/m)

105.3

93.6

81.9

78.2

58.5

46.8

35.1

23.4

11.7

1000

1300.

1500.

1700.

1900.

2100.

2300.

2500.

2700.

3000

Frequency (MHz)

Site Condition

: 03CH03-KS

: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL

: dBu:1000.000MHz VSW:3000.000Hz SWT:Auto

|     | Freq    | Level  | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas     |          |
|-----|---------|--------|------------|-------------|--------------|-------|-------|--------|--------------|----------|
|     | MHz     | dBuV/m | dB         | dBuV/m      | dBuV/m       | dB    | deg   |        |              |          |
| 1 * | 2414.00 | 110.18 | 36.18      | 74.00       | 114.58       | 27.13 | 5.47  | 37.00  | 363 154 Peak | VERTICAL |

Avg.

117

Level (dBuV/m)

105.3

93.6

81.9

78.2

58.5

46.8

35.1

23.4

11.7

2310

2320.

2340.

2360.

2380.

2400.

2420.

2440

Frequency (MHz)

Site Condition

: 03CH03-KS

: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL

: dBu:1000.000MHz VSW:0.010MHz SWT:Auto

|   | Freq    | Level  | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas        |          |
|---|---------|--------|------------|-------------|--------------|-------|-------|--------|-----------------|----------|
|   | MHz     | dBuV/m | dB         | dBuV/m      | dBuV/m       | dB    | deg   |        |                 |          |
| 1 | 2388.91 | 43.93  | -10.07     | 54.00       | 48.48        | 27.00 | 5.47  | 37.02  | 363 154 Average | VERTICAL |

117

Level (dBuV/m)

105.3

93.6

81.9

78.2

58.5

46.8

35.1

23.4

11.7

1000

1300.

1500.

1700.

1900.

2100.

2300.

2500.

2700.

3000

Frequency (MHz)

Site Condition

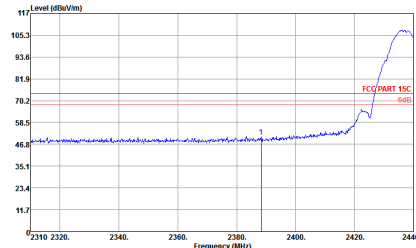
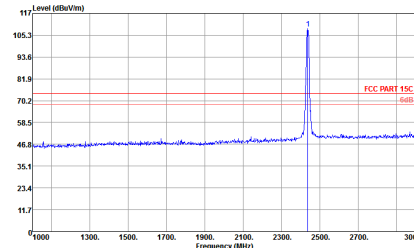
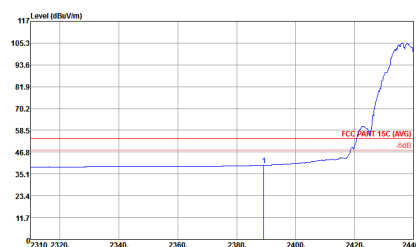
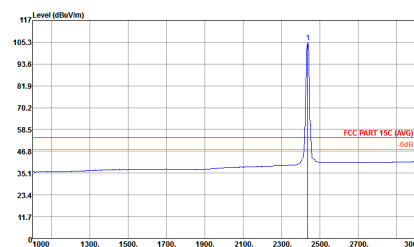
: 03CH03-KS

: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL

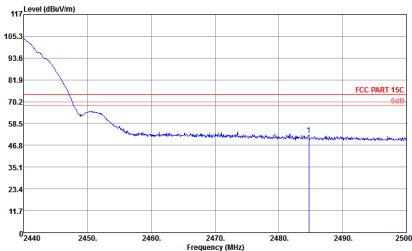
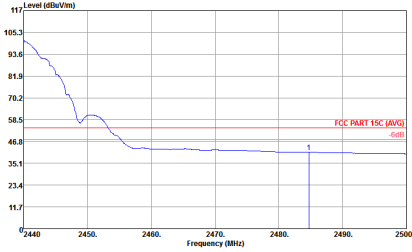
: dBu:1000.000MHz VSW:0.010MHz SWT:Auto

|     | Freq    | Level  | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas        |          |
|-----|---------|--------|------------|-------------|--------------|-------|-------|--------|-----------------|----------|
|     | MHz     | dBuV/m | dB         | dBuV/m      | dBuV/m       | dB    | deg   |        |                 |          |
| 1 * | 2414.00 | 105.93 | 51.93      | 54.00       | 110.33       | 27.13 | 5.47  | 37.00  | 363 154 Average | VERTICAL |

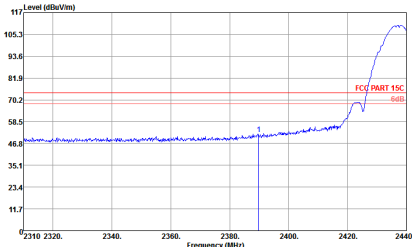
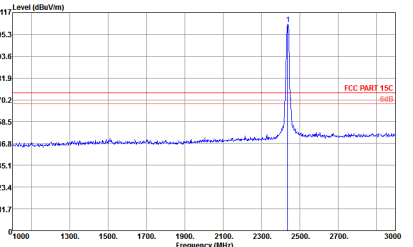
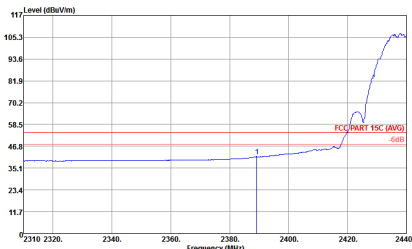
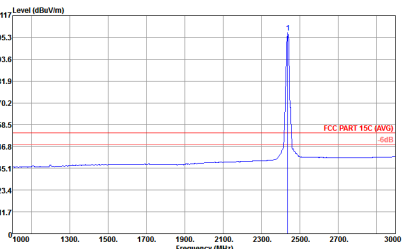


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |        |             |             |             |        |        |        |             |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------------|-------------|-------------|--------|--------|--------|-------------|----------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-------------|
| ANT  | 802.11b CH06 2437MHz - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |        |             |             |             |        |        |        |             |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Fundamental |        |             |             |             |        |        |        |             |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
| Peak | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:3000.000Hz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2388.26</td><td>58.85</td><td>-23.15</td><td>74.00</td><td>55.40</td><td>27.00</td><td>5.47</td><td>37.02</td><td>334</td><td>148 Peak</td></tr></tbody></table></div>          | Freq        | Level  | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos       | Remark   | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2388.26 | 58.85 | -23.15 | 74.00 | 55.40 | 27.00 | 5.47 | 37.02 | 334 | 148 Peak    | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:3000.000Hz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2438.00</td><td>106.75</td><td>34.75</td><td>74.00</td><td>112.04</td><td>27.39</td><td>5.49</td><td>36.97</td><td>334</td><td>148 Peak</td></tr></tbody></table></div>          | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2438.00 | 106.75 | 34.75 | 74.00 | 112.04 | 27.39 | 5.49 | 36.97 | 334 | 148 Peak    |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Level       | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos  | Remark      | Pol/Phas |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB          | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg    |        |             |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
| 1    | 2388.26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 58.85       | -23.15 | 74.00       | 55.40       | 27.00       | 5.47   | 37.02  | 334    | 148 Peak    |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Over        | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas    |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB          | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg    |        |             |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
| 1    | 2438.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 106.75      | 34.75  | 74.00       | 112.04      | 27.39       | 5.49   | 36.97  | 334    | 148 Peak    |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
| Avg. | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:0.010KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2389.17</td><td>39.91</td><td>-14.09</td><td>54.00</td><td>44.46</td><td>27.00</td><td>5.47</td><td>37.02</td><td>334</td><td>148 Average</td></tr></tbody></table></div> | Freq        | Level  | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos       | Remark   | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2389.17 | 39.91 | -14.09 | 54.00 | 44.46 | 27.00 | 5.47 | 37.02 | 334 | 148 Average | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:0.010KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2438.00</td><td>105.11</td><td>51.11</td><td>54.00</td><td>109.20</td><td>27.39</td><td>5.49</td><td>36.97</td><td>334</td><td>148 Average</td></tr></tbody></table></div> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2438.00 | 105.11 | 51.11 | 54.00 | 109.20 | 27.39 | 5.49 | 36.97 | 334 | 148 Average |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Over        | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas    |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB          | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg    |        |             |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
| 1    | 2389.17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 39.91       | -14.09 | 54.00       | 44.46       | 27.00       | 5.47   | 37.02  | 334    | 148 Average |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Over        | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas    |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB          | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg    |        |             |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |
| 1    | 2438.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 105.11      | 51.11  | 54.00       | 109.20      | 27.39       | 5.49   | 36.97  | 334    | 148 Average |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |        |       |             |             |        |       |       |             |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|-------|-------------|-------------|--------|-------|-------|-------------|------------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|------------|
| ANT  | 802.11b CH06 2437MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |        |       |             |             |        |       |       |             |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |        |       |             | Fundamental |        |       |       |             |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
| Peak | <div><p>Site : 83CH83-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>RSL:100W,000KHz VSW:100W,000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2484.70</td><td>52.53</td><td>-21.47</td><td>74.00</td><td>56.32</td><td>27.64</td><td>5.51</td><td>36.94</td><td>334</td><td>148 Peak</td><td>HORIZONTAL</td></tr></table></div>         |       |        |       |             |             |        |       |       |             | Freq       | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2484.70 | 52.53 | -21.47 | 74.00 | 56.32 | 27.64 | 5.51 | 36.94 | 334 | 148 Peak    | HORIZONTAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Level | Over   | Limit | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos | Remark      | Pol/Phas   |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB    | dBuV/m | dBuV  | dB/m        | dB          | dB     | cm    | deg   |             |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
| 1    | 2484.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 52.53 | -21.47 | 74.00 | 56.32       | 27.64       | 5.51   | 36.94 | 334   | 148 Peak    | HORIZONTAL |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
| Avg. | <div><p>Site : 83CH83-KS<br/>Condition : FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>RSL:100W,000KHz VSW:0.810KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2484.70</td><td>41.03</td><td>-12.97</td><td>54.00</td><td>44.82</td><td>27.64</td><td>5.51</td><td>36.94</td><td>334</td><td>148 Average</td><td>HORIZONTAL</td></tr></table></div> |       |        |       |             |             |        |       |       |             | Freq       | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2484.70 | 41.03 | -12.97 | 54.00 | 44.82 | 27.64 | 5.51 | 36.94 | 334 | 148 Average | HORIZONTAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Level | Over   | Limit | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos | Remark      | Pol/Phas   |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB    | dBuV/m | dBuV  | dB/m        | dB          | dB     | cm    | deg   |             |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
| 1    | 2484.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 41.03 | -12.97 | 54.00 | 44.82       | 27.64       | 5.51   | 36.94 | 334   | 148 Average | HORIZONTAL |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |

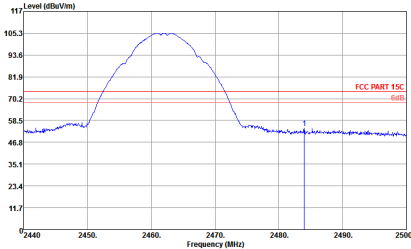
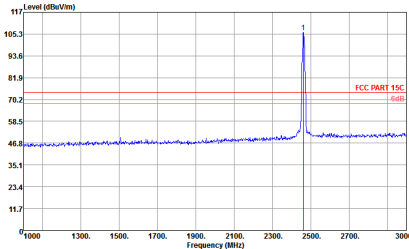
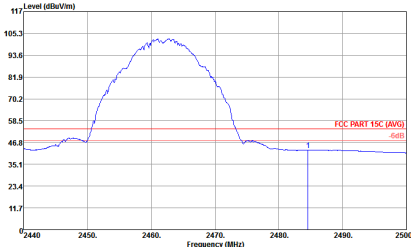
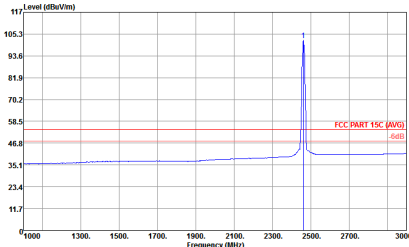


| WIFI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |             |        |        |       |        |          |             |          |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|-------------|--------|--------|-------|--------|----------|-------------|----------|-------|------------|-------------|-------------|--------|--------|-------|--------|----------|----------|--------|--------|--------|--------|------|------|----|-----|-----|---|---------|---------|-------|--------|--------|-------|-------|-------|-------|-------------|-------------|----------|
| ANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 802.11b CH06 2437MHz - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |             |             |        |        |       |        |          |             |          |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
| 1+2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |             |             |        |        |       |        |          |             |          |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
| Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.0000Hz VSW:3.000.0000Hz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2389.82</td><td>51.83</td><td>-22.17</td><td>74.00</td><td>56.38</td><td>27.00</td><td>5.47</td><td>37.02</td><td>363</td><td>154 Peak</td><td>VERTICAL</td></tr></tbody></table></div>            |            |             |             |        |        |       |        |          |             |          | Freq  | Level      | Over Limit  | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos  | Remark   | Pol/Phas | MHz    | dBuV/m | dB     | dBuV/m | dBuV | dB/m | dB | cm  | deg |   | 1       | 2389.82 | 51.83 | -22.17 | 74.00  | 56.38 | 27.00 | 5.47  | 37.02 | 363         | 154 Peak    | VERTICAL |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level      | Over Limit  | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos  | Remark   | Pol/Phas    |          |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB         | dBuV/m      | dBuV        | dB/m   | dB     | cm    | deg    |          |             |          |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2389.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 51.83      | -22.17      | 74.00       | 56.38  | 27.00  | 5.47  | 37.02  | 363      | 154 Peak    | VERTICAL |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
| <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.0000Hz VSW:3.000.0000Hz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2438.00</td><td>118.94</td><td>36.94</td><td>74.00</td><td>115.83</td><td>27.39</td><td>5.49</td><td>36.97</td><td>363</td><td>154 Peak</td><td>VERTICAL</td></tr></tbody></table></div>            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |             |             |        |        |       |        |          |             | Freq     | Level | Over Limit | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos | Remark | Pol/Phas | MHz      | dBuV/m | dB     | dBuV/m | dBuV   | dB/m | dB   | cm | deg |     | 1 | 2438.00 | 118.94  | 36.94 | 74.00  | 115.83 | 27.39 | 5.49  | 36.97 | 363   | 154 Peak    | VERTICAL    |          |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Over Limit | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos | Remark | Pol/Phas |             |          |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB         | dBuV/m      | dBuV        | dB/m   | dB     | cm    | deg    |          |             |          |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2438.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 118.94     | 36.94       | 74.00       | 115.83 | 27.39  | 5.49  | 36.97  | 363      | 154 Peak    | VERTICAL |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
| Avg.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.0000Hz VSW:3.000.0000Hz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2389.17</td><td>41.24</td><td>-12.76</td><td>54.00</td><td>45.79</td><td>27.00</td><td>5.47</td><td>37.02</td><td>363</td><td>154 Average</td><td>VERTICAL</td></tr></tbody></table></div> |            |             |             |        |        |       |        |          |             |          | Freq  | Level      | Over Limit  | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos  | Remark   | Pol/Phas | MHz    | dBuV/m | dB     | dBuV/m | dBuV | dB/m | dB | cm  | deg |   | 1       | 2389.17 | 41.24 | -12.76 | 54.00  | 45.79 | 27.00 | 5.47  | 37.02 | 363         | 154 Average | VERTICAL |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level      | Over Limit  | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos  | Remark   | Pol/Phas    |          |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB         | dBuV/m      | dBuV        | dB/m   | dB     | cm    | deg    |          |             |          |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2389.17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 41.24      | -12.76      | 54.00       | 45.79  | 27.00  | 5.47  | 37.02  | 363      | 154 Average | VERTICAL |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
| <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.0000Hz VSW:3.000.0000Hz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2438.00</td><td>187.72</td><td>53.72</td><td>54.00</td><td>111.81</td><td>27.39</td><td>5.49</td><td>36.97</td><td>363</td><td>154 Average</td><td>VERTICAL</td></tr></tbody></table></div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |             |             |        |        |       |        |          |             | Freq     | Level | Over Limit | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos | Remark | Pol/Phas | MHz      | dBuV/m | dB     | dBuV/m | dBuV   | dB/m | dB   | cm | deg |     | 1 | 2438.00 | 187.72  | 53.72 | 54.00  | 111.81 | 27.39 | 5.49  | 36.97 | 363   | 154 Average | VERTICAL    |          |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Over Limit | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos | Remark | Pol/Phas |             |          |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB         | dBuV/m      | dBuV        | dB/m   | dB     | cm    | deg    |          |             |          |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2438.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 187.72     | 53.72       | 54.00       | 111.81 | 27.39  | 5.49  | 36.97  | 363      | 154 Average | VERTICAL |       |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |   |         |         |       |        |        |       |       |       |       |             |             |          |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |        |             |       |             |       |       |        |                      |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |  |  |  |  |  |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|-------------|-------|-------------|-------|-------|--------|----------------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------------------|--|--|--|--|--|
| ANT  | 802.11b CH06 2437MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |        |             |       |             |       |       |        |                      |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |  |  |  |  |  |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |        |             |       | Fundamental |       |       |        |                      |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |  |  |  |  |  |
| Peak | <div><p>Site : 83CH83-KS<br/>Condition : FCC PART 15C 3e HP ANT-2015813-91280 VERTICAL<br/>RBW:100K,400KHz VSW:0.000Hz SW:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2485.72</td><td>52.82</td><td>-21.18</td><td>74.00</td><td>56.61</td><td>27.64</td><td>5.51</td><td>36.94</td><td>363</td><td>154 Peak VERTICAL</td></tr></table></div>           |       |        |             |       | Freq        | Level | Over  | Limit  | ReadAntenna          | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2485.72 | 52.82 | -21.18 | 74.00 | 56.61 | 27.64 | 5.51 | 36.94 | 363 | 154 Peak VERTICAL    |  |  |  |  |  |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Over  | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos | Remark | Pol/Phas             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |  |  |  |  |  |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB    | dBuV/m | dBuV        | dB/m  | dB          | dB    | cm    | deg    |                      |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |  |  |  |  |  |
| 1    | 2485.72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 52.82 | -21.18 | 74.00       | 56.61 | 27.64       | 5.51  | 36.94 | 363    | 154 Peak VERTICAL    |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |  |  |  |  |  |
| Avg. | <div><p>Site : 83CH83-KS<br/>Condition : FCC PART 15C (AVG) 3e HP ANT-2015813-91280 VERTICAL<br/>RBW:100K,400KHz VSW:0.016KHz SW:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2484.88</td><td>42.88</td><td>-11.28</td><td>54.00</td><td>46.59</td><td>27.64</td><td>5.51</td><td>36.94</td><td>363</td><td>154 Average VERTICAL</td></tr></table></div> |       |        |             |       | Freq        | Level | Over  | Limit  | ReadAntenna          | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2484.88 | 42.88 | -11.28 | 54.00 | 46.59 | 27.64 | 5.51 | 36.94 | 363 | 154 Average VERTICAL |  |  |  |  |  |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Over  | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos | Remark | Pol/Phas             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |  |  |  |  |  |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB    | dBuV/m | dBuV        | dB/m  | dB          | dB    | cm    | deg    |                      |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |  |  |  |  |  |
| 1    | 2484.88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42.88 | -11.28 | 54.00       | 46.59 | 27.64       | 5.51  | 36.94 | 363    | 154 Average VERTICAL |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |  |  |  |  |  |



| WIFI |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.4GHz 2400~2483.5MHz Band Edge @ 3m |             |             |             |             |        |        |        |             |            |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------|-------------|-------------|-------------|--------|--------|--------|-------------|------------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-------------|------------|
| ANT  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 802.11b CH11 2462MHz                 |             |             |             |             |        |        |        |             |            |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1+2  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Horizontal                           | Fundamental |             |             |             |        |        |        |             |            |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
| Peak | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSW:1000.000KHz VSW:3.000.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2483.98</td><td>54.38</td><td>-19.62</td><td>74.00</td><td>58.17</td><td>27.64</td><td>5.51</td><td>36.94</td><td>364</td><td>157 Peak</td><td>HORIZONTAL</td></tr></tbody></table></div>        | Freq                                 | Level       | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2483.98 | 54.38 | -19.62 | 74.00 | 58.17 | 27.64 | 5.51 | 36.94 | 364 | 157 Peak    | HORIZONTAL | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSW:1000.000KHz VSW:3.000.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2462.00</td><td>186.16</td><td>32.16</td><td>74.00</td><td>118.11</td><td>27.51</td><td>5.58</td><td>36.96</td><td>364</td><td>157 Peak</td><td>HORIZONTAL</td></tr></tbody></table></div>        | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2462.00 | 186.16 | 32.16 | 74.00 | 118.11 | 27.51 | 5.58 | 36.96 | 364 | 157 Peak    | HORIZONTAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Level                                | Over        | Limit       | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos  | Remark      | Pol/Phas   |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dB                                   | dBuV/m      | dBuV        | dB/m        | dB          | cm     | deg    |        |             |            |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2483.98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 54.38                                | -19.62      | 74.00       | 58.17       | 27.64       | 5.51   | 36.94  | 364    | 157 Peak    | HORIZONTAL |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Over                                 | Limit       | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas    |            |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dB                                   | dBuV/m      | dBuV        | dB/m        | dB          | cm     | deg    |        |             |            |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2462.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 186.16                               | 32.16       | 74.00       | 118.11      | 27.51       | 5.58   | 36.96  | 364    | 157 Peak    | HORIZONTAL |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
| Avg. | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSW:1000.000KHz VSW:8.818KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2484.58</td><td>42.68</td><td>-11.32</td><td>54.00</td><td>46.47</td><td>27.64</td><td>5.51</td><td>36.94</td><td>364</td><td>157 Average</td><td>HORIZONTAL</td></tr></tbody></table></div> | Freq                                 | Level       | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2484.58 | 42.68 | -11.32 | 54.00 | 46.47 | 27.64 | 5.51 | 36.94 | 364 | 157 Average | HORIZONTAL | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSW:1000.000KHz VSW:8.818KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2462.00</td><td>182.01</td><td>48.01</td><td>54.00</td><td>185.96</td><td>27.51</td><td>5.58</td><td>36.96</td><td>364</td><td>157 Average</td><td>HORIZONTAL</td></tr></tbody></table></div> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2462.00 | 182.01 | 48.01 | 54.00 | 185.96 | 27.51 | 5.58 | 36.96 | 364 | 157 Average | HORIZONTAL |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Over                                 | Limit       | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas    |            |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dB                                   | dBuV/m      | dBuV        | dB/m        | dB          | cm     | deg    |        |             |            |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2484.58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 42.68                                | -11.32      | 54.00       | 46.47       | 27.64       | 5.51   | 36.94  | 364    | 157 Average | HORIZONTAL |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Over                                 | Limit       | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas    |            |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dB                                   | dBuV/m      | dBuV        | dB/m        | dB          | cm     | deg    |        |             |            |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2462.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 182.01                               | 48.01       | 54.00       | 185.96      | 27.51       | 5.58   | 36.96  | 364    | 157 Average | HORIZONTAL |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |            |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |        |              |              |              |              |        |          |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------------|--------------|--------------|--------------|--------|----------|-------------|----------|-----|--------|-------|------|--------------|-------------|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------------|--------------|-------|-------|--------|----------|-----|--------|-------|------|--------------|-------------|----|----|-----|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-------------|----------|
| ANT  | 802.11b CH11 2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |        |              |              |              |              |        |          |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fundamental |        |              |              |              |              |        |          |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Peak | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.0000Hz VSW:3.000.0000Hz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2489.28</td><td>56.85</td><td>-17.35</td><td>74.00</td><td>69.29</td><td>27.77</td><td>5.52</td><td>36.93</td><td>397</td><td>153 Peak</td><td>VERTICAL</td></tr></table></div>         | Freq        | Level  | Over         | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark      | Pol/Phas | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  | 1 | 2489.28 | 56.85 | -17.35 | 74.00 | 69.29 | 27.77 | 5.52 | 36.93 | 397 | 153 Peak    | VERTICAL | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.0000Hz VSW:3.000.0000Hz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2462.00</td><td>109.27</td><td>35.27</td><td>74.00</td><td>113.22</td><td>27.51</td><td>5.50</td><td>36.96</td><td>397</td><td>153 Peak</td><td>VERTICAL</td></tr></table></div>          | Freq | Level | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  | 1 | 2462.00 | 109.27 | 35.27 | 74.00 | 113.22 | 27.51 | 5.50 | 36.96 | 397 | 153 Peak    | VERTICAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Level       | Over   | Limit        | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas    |          |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Limit       | Line   | Level Factor | Loss Factor  | dB           | cm           | deg    |          |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2489.28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 56.85       | -17.35 | 74.00        | 69.29        | 27.77        | 5.52         | 36.93  | 397      | 153 Peak    | VERTICAL |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Over        | Limit  | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Limit       | Line   | Level Factor | Loss Factor  | dB           | cm           | deg    |          |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2462.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 109.27      | 35.27  | 74.00        | 113.22       | 27.51        | 5.50         | 36.96  | 397      | 153 Peak    | VERTICAL |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Avg. | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.0000Hz VSW:3.000.0000Hz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.62</td><td>45.64</td><td>-8.36</td><td>54.00</td><td>49.43</td><td>27.64</td><td>5.51</td><td>36.94</td><td>397</td><td>153 Average</td><td>VERTICAL</td></tr></table></div> | Freq        | Level  | Over         | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark      | Pol/Phas | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  | 1 | 2483.62 | 45.64 | -8.36  | 54.00 | 49.43 | 27.64 | 5.51 | 36.94 | 397 | 153 Average | VERTICAL | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.0000Hz VSW:3.000.0000Hz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2464.00</td><td>106.00</td><td>52.00</td><td>54.00</td><td>109.95</td><td>27.51</td><td>5.50</td><td>36.96</td><td>397</td><td>153 Average</td><td>VERTICAL</td></tr></table></div> | Freq | Level | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  | 1 | 2464.00 | 106.00 | 52.00 | 54.00 | 109.95 | 27.51 | 5.50 | 36.96 | 397 | 153 Average | VERTICAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Level       | Over   | Limit        | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas    |          |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Limit       | Line   | Level Factor | Loss Factor  | dB           | cm           | deg    |          |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2483.62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 45.64       | -8.36  | 54.00        | 49.43        | 27.64        | 5.51         | 36.94  | 397      | 153 Average | VERTICAL |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Over        | Limit  | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Limit       | Line   | Level Factor | Loss Factor  | dB           | cm           | deg    |          |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2464.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 106.00      | 52.00  | 54.00        | 109.95       | 27.51        | 5.50         | 36.96  | 397      | 153 Average | VERTICAL |     |        |       |      |              |             |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |       |             |              |       |       |        |          |     |        |       |      |              |             |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |

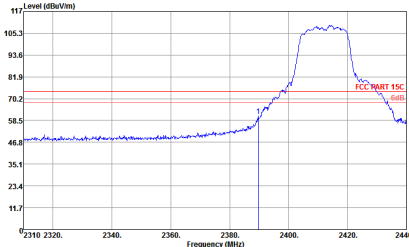
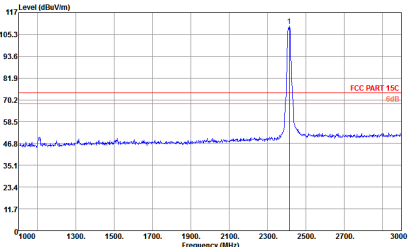
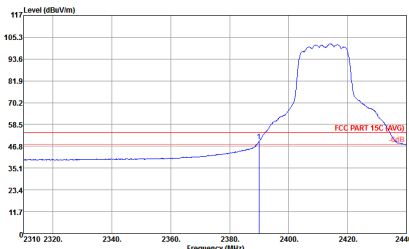
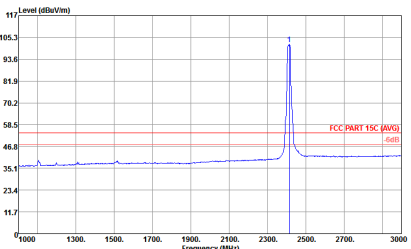


## 2.4GHz 2400~2483.5MHz

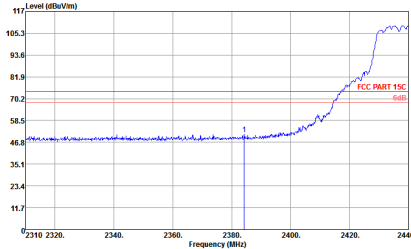
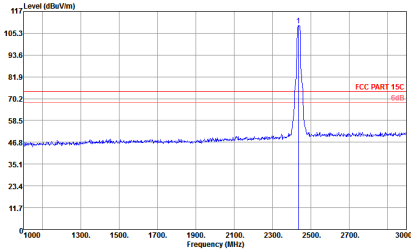
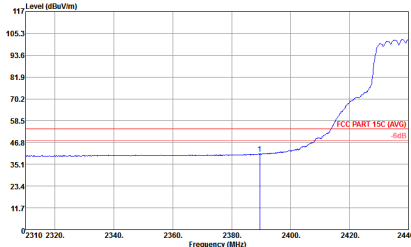
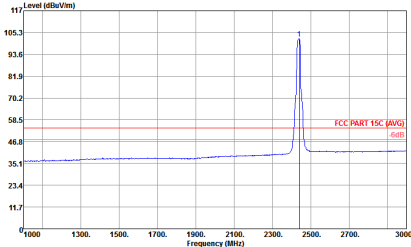
## WIFI 802.11g (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |        |              |             |             |        |        |             |            |          |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------------|-------------|-------------|--------|--------|-------------|------------|----------|----------|-----|--------|-------|------|--------------|-------------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|-------|------|--------------|-------------|----|----|-----|--|--|---|---------|--------|-------|-------|--------|-------|------|-------|-------------|------------|
| ANT  | 802.11g CH01 2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |        |              |             |             |        |        |             |            |          |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Fundamental |        |              |             |             |        |        |             |            |          |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| Peak | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.82</td><td>56.93</td><td>-17.87</td><td>74.00</td><td>61.48</td><td>27.00</td><td>5.47</td><td>37.02</td><td>110 Peak</td><td>HORIZONTAL</td></tr></table></div>         | Freq        | Level  | Over         | Limit       | ReadAntenna | Cable  | Preamp | A/Pos       | T/Pos      | Remark   | Pol/Phas | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  |  | 1 | 2389.82 | 56.93 | -17.87 | 74.00 | 61.48 | 27.00 | 5.47 | 37.02 | 110 Peak    | HORIZONTAL | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2414.00</td><td>186.57</td><td>32.57</td><td>74.00</td><td>110.97</td><td>27.13</td><td>5.47</td><td>37.00</td><td>110 Peak</td><td>HORIZONTAL</td></tr></table></div>         | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  |  | 1 | 2414.00 | 186.57 | 32.57 | 74.00 | 110.97 | 27.13 | 5.47 | 37.00 | 110 Peak    | HORIZONTAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Level       | Over   | Limit        | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phas |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Limit       | Line   | Level Factor | Loss Factor | dB          | cm     | deg    |             |            |          |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| 1    | 2389.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 56.93       | -17.87 | 74.00        | 61.48       | 27.00       | 5.47   | 37.02  | 110 Peak    | HORIZONTAL |          |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Over        | Limit  | ReadAntenna  | Cable       | Preamp      | A/Pos  | T/Pos  | Remark      | Pol/Phas   |          |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Limit       | Line   | Level Factor | Loss Factor | dB          | cm     | deg    |             |            |          |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| 1    | 2414.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 186.57      | 32.57  | 74.00        | 110.97      | 27.13       | 5.47   | 37.00  | 110 Peak    | HORIZONTAL |          |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| Avg. | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.95</td><td>46.84</td><td>-7.16</td><td>54.00</td><td>51.39</td><td>27.00</td><td>5.47</td><td>37.02</td><td>110 Average</td><td>HORIZONTAL</td></tr></table></div> | Freq        | Level  | Over         | Limit       | ReadAntenna | Cable  | Preamp | A/Pos       | T/Pos      | Remark   | Pol/Phas | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  |  | 1 | 2389.95 | 46.84 | -7.16  | 54.00 | 51.39 | 27.00 | 5.47 | 37.02 | 110 Average | HORIZONTAL | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2414.00</td><td>98.48</td><td>44.48</td><td>54.00</td><td>182.88</td><td>27.13</td><td>5.47</td><td>37.00</td><td>110 Average</td><td>HORIZONTAL</td></tr></table></div> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  |  | 1 | 2414.00 | 98.48  | 44.48 | 54.00 | 182.88 | 27.13 | 5.47 | 37.00 | 110 Average | HORIZONTAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Level       | Over   | Limit        | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phas |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Limit       | Line   | Level Factor | Loss Factor | dB          | cm     | deg    |             |            |          |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| 1    | 2389.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 46.84       | -7.16  | 54.00        | 51.39       | 27.00       | 5.47   | 37.02  | 110 Average | HORIZONTAL |          |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Over        | Limit  | ReadAntenna  | Cable       | Preamp      | A/Pos  | T/Pos  | Remark      | Pol/Phas   |          |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Limit       | Line   | Level Factor | Loss Factor | dB          | cm     | deg    |             |            |          |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |
| 1    | 2414.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 98.48       | 44.48  | 54.00        | 182.88      | 27.13       | 5.47   | 37.00  | 110 Average | HORIZONTAL |          |          |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |             |            |

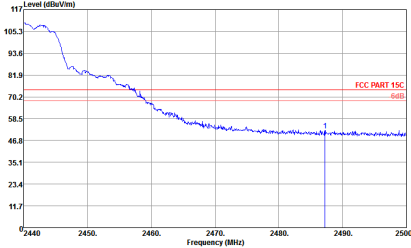
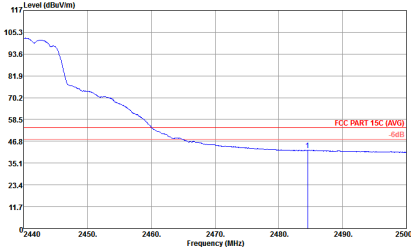


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |        |             |             |        |        |       |        |             |          |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------------|-------------|--------|--------|-------|--------|-------------|----------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-------------|----------|
| ANT  | 802.11g CH01 2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |        |             |             |        |        |       |        |             |          |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |        |             |             |        |        |       |        |             |          |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Peak | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: BW:1000.000MHz VSW:1.000MHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.69</td><td>61.08</td><td>-12.92</td><td>74.00</td><td>65.63</td><td>27.00</td><td>5.47</td><td>37.02</td><td>366</td><td>154 Peak</td><td>VERTICAL</td></tr></table></div>           |        |        |             |             |        |        |       |        |             |          | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2389.69 | 61.08 | -12.92 | 74.00 | 65.63 | 27.00 | 5.47 | 37.02 | 366 | 154 Peak    | VERTICAL | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: BW:1000.000MHz VSW:1.000MHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2414.00</td><td>189.78</td><td>35.78</td><td>74.00</td><td>114.18</td><td>27.13</td><td>5.47</td><td>37.00</td><td>366</td><td>154 Peak</td><td>VERTICAL</td></tr></table></div>            |  |  |  |  |  |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2414.00 | 189.78 | 35.78 | 74.00 | 114.18 | 27.13 | 5.47 | 37.00 | 366 | 154 Peak    | VERTICAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Level  | Over   | Limit       | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos  | Remark      | Pol/Phas |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dB     | dBuV/m | dBuV        | dB/m        | dB     | cm     | deg   |        |             |          |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2389.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 61.08  | -12.92 | 74.00       | 65.63       | 27.00  | 5.47   | 37.02 | 366    | 154 Peak    | VERTICAL |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Over   | Limit  | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos | Remark | Pol/Phas    |          |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dB     | dBuV/m | dBuV        | dB/m        | dB     | cm     | deg   |        |             |          |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2414.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 189.78 | 35.78  | 74.00       | 114.18      | 27.13  | 5.47   | 37.00 | 366    | 154 Peak    | VERTICAL |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Avg. | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: BW:1000.000MHz VSW:1.000MHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.95</td><td>49.43</td><td>-4.57</td><td>54.00</td><td>53.98</td><td>27.00</td><td>5.47</td><td>37.02</td><td>366</td><td>154 Average</td><td>VERTICAL</td></tr></table></div> |        |        |             |             |        |        |       |        |             |          | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2389.95 | 49.43 | -4.57  | 54.00 | 53.98 | 27.00 | 5.47 | 37.02 | 366 | 154 Average | VERTICAL | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: BW:1000.000MHz VSW:1.000MHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2414.00</td><td>181.63</td><td>47.63</td><td>54.00</td><td>186.03</td><td>27.13</td><td>5.47</td><td>37.00</td><td>366</td><td>154 Average</td><td>VERTICAL</td></tr></table></div> |  |  |  |  |  |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2414.00 | 181.63 | 47.63 | 54.00 | 186.03 | 27.13 | 5.47 | 37.00 | 366 | 154 Average | VERTICAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Level  | Over   | Limit       | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos  | Remark      | Pol/Phas |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dB     | dBuV/m | dBuV        | dB/m        | dB     | cm     | deg   |        |             |          |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2389.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 49.43  | -4.57  | 54.00       | 53.98       | 27.00  | 5.47   | 37.02 | 366    | 154 Average | VERTICAL |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Over   | Limit  | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos | Remark | Pol/Phas    |          |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dB     | dBuV/m | dBuV        | dB/m        | dB     | cm     | deg   |        |             |          |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2414.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 181.63 | 47.63  | 54.00       | 186.03      | 27.13  | 5.47   | 37.00 | 366    | 154 Average | VERTICAL |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |

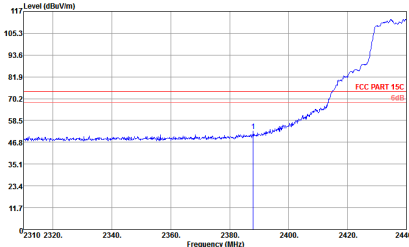
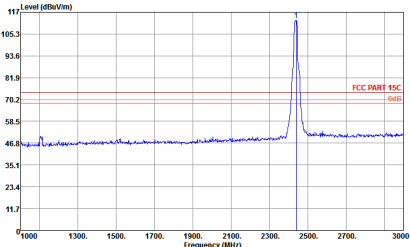
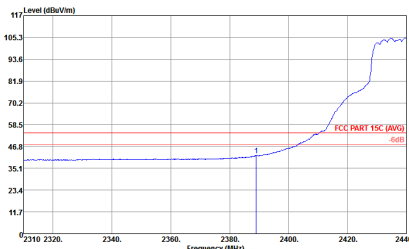
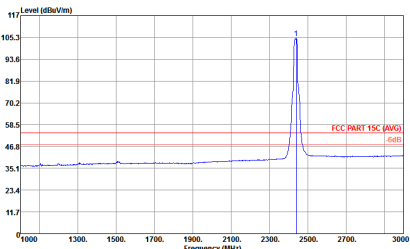


| WIFI        | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |       |             |       |        |       |       |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------|-------------|-------|--------|-------|-------|-------------|------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|-----|---------|--------|--------|-------|--------|-------|------|-------|-----|-------------|------------|
| ANT         | 802.11g CH06 2437MHz - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |        |       |             |       |        |       |       |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
| 1+2         | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |       |             |       |        |       |       |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
| Peak        | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2384.23</td><td>51.83</td><td>-22.97</td><td>74.00</td><td>55.65</td><td>26.95</td><td>5.45</td><td>37.02</td><td>334</td><td>146 Peak</td><td>HORIZONTAL</td></tr></table></div>             |        |        |       |             |       |        |       |       |             |            | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1   | 2384.23 | 51.83  | -22.97 | 74.00 | 55.65  | 26.95 | 5.45 | 37.02 | 334 | 146 Peak    | HORIZONTAL |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Level  | Over   | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark      | Pol/Phas   |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dB     | dBuV/m | dBuV  | dB/m        | dB    | cm     | deg   |       |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
| 1           | 2384.23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 51.83  | -22.97 | 74.00 | 55.65       | 26.95 | 5.45   | 37.02 | 334   | 146 Peak    | HORIZONTAL |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
| Fundamental | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 *</td><td>2436.00</td><td>109.57</td><td>35.57</td><td>74.00</td><td>113.82</td><td>27.26</td><td>5.48</td><td>36.99</td><td>334</td><td>146 Peak</td><td>HORIZONTAL</td></tr></table></div>         |        |        |       |             |       |        |       |       |             |            | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 * | 2436.00 | 109.57 | 35.57  | 74.00 | 113.82 | 27.26 | 5.48 | 36.99 | 334 | 146 Peak    | HORIZONTAL |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Level  | Over   | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark      | Pol/Phas   |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dB     | dBuV/m | dBuV  | dB/m        | dB    | cm     | deg   |       |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
| 1 *         | 2436.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 109.57 | 35.57  | 74.00 | 113.82      | 27.26 | 5.48   | 36.99 | 334   | 146 Peak    | HORIZONTAL |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
| Avg.        | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VBW:1.000KHz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.56</td><td>40.74</td><td>-13.26</td><td>54.00</td><td>45.29</td><td>27.00</td><td>5.47</td><td>37.02</td><td>334</td><td>146 Average</td><td>HORIZONTAL</td></tr></table></div>     |        |        |       |             |       |        |       |       |             |            | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1   | 2389.56 | 40.74  | -13.26 | 54.00 | 45.29  | 27.00 | 5.47 | 37.02 | 334 | 146 Average | HORIZONTAL |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Level  | Over   | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark      | Pol/Phas   |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dB     | dBuV/m | dBuV  | dB/m        | dB    | cm     | deg   |       |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
| 1           | 2389.56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 40.74  | -13.26 | 54.00 | 45.29       | 27.00 | 5.47   | 37.02 | 334   | 146 Average | HORIZONTAL |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
|             | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VBW:1.000KHz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 *</td><td>2440.00</td><td>182.14</td><td>48.14</td><td>54.00</td><td>186.23</td><td>27.39</td><td>5.49</td><td>36.97</td><td>334</td><td>146 Average</td><td>HORIZONTAL</td></tr></table></div> |        |        |       |             |       |        |       |       |             |            | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 * | 2440.00 | 182.14 | 48.14  | 54.00 | 186.23 | 27.39 | 5.49 | 36.97 | 334 | 146 Average | HORIZONTAL |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Level  | Over   | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark      | Pol/Phas   |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dB     | dBuV/m | dBuV  | dB/m        | dB    | cm     | deg   |       |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |
| 1 *         | 2440.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 182.14 | 48.14  | 54.00 | 186.23      | 27.39 | 5.49   | 36.97 | 334   | 146 Average | HORIZONTAL |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |        |       |        |       |      |       |     |             |            |

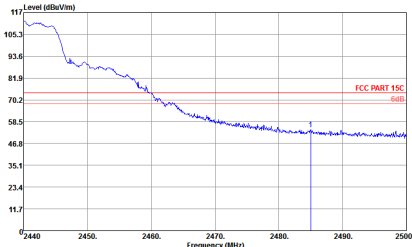
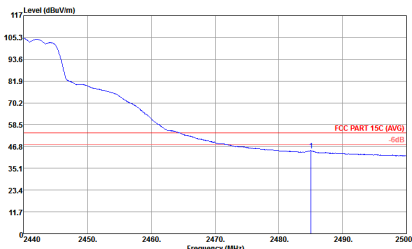


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |        |       |             |             |        |       |             |            |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|-------|-------------|-------------|--------|-------|-------------|------------|----------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|------------|
| ANT  | 802.11g CH06 2437MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |        |        |       |             |             |        |       |             |            |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
| 1    | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |        |       |             | Fundamental |        |       |             |            |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
| Peak | <div><p>Site : 83CH03-KS<br/>Condition : FCC PART 15C 3e HF ANT-2015813-91280 HORIZONTAL<br/>RSM:1000.000000Hz VSW:1.000000 SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2487.22</td><td>52.12</td><td>-21.88</td><td>74.00</td><td>55.91</td><td>27.64</td><td>5.51</td><td>36.94</td><td>334</td><td>146 Peak</td><td>HORIZONTAL</td></tr></table></div>            |        |        |        |       |             |             |        |       |             |            |          | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2487.22 | 52.12 | -21.88 | 74.00 | 55.91 | 27.64 | 5.51 | 36.94 | 334 | 146 Peak    | HORIZONTAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Freq   | Level  | Over   | Limit | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos       | Remark     | Pol/Phas |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dBuV/m | dB     | dBuV/m | dBuV  | dB/m        | dB          | dB     | cm    | deg         |            |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
| 1    | 2487.22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 52.12  | -21.88 | 74.00  | 55.91 | 27.64       | 5.51        | 36.94  | 334   | 146 Peak    | HORIZONTAL |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
| Avg. | <div><p>Site : 83CH03-KS<br/>Condition : FCC PART 15C (AVG) 3e HF ANT-2015813-91280 HORIZONTAL<br/>RSM:1000.000000Hz VSW:1.000000 SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2484.52</td><td>42.09</td><td>-11.91</td><td>54.00</td><td>45.88</td><td>27.64</td><td>5.51</td><td>36.94</td><td>334</td><td>146 Average</td><td>HORIZONTAL</td></tr></table></div> |        |        |        |       |             |             |        |       |             |            |          | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2484.52 | 42.09 | -11.91 | 54.00 | 45.88 | 27.64 | 5.51 | 36.94 | 334 | 146 Average | HORIZONTAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Freq   | Level  | Over   | Limit | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos       | Remark     | Pol/Phas |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dBuV/m | dB     | dBuV/m | dBuV  | dB/m        | dB          | dB     | cm    | deg         |            |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |
| 1    | 2484.52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 42.09  | -11.91 | 54.00  | 45.88 | 27.64       | 5.51        | 36.94  | 334   | 146 Average | HORIZONTAL |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |

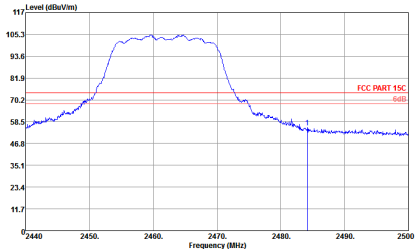
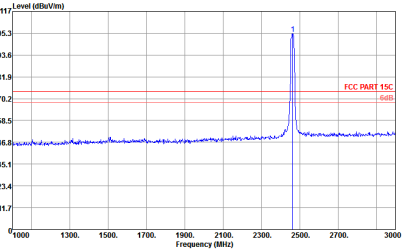
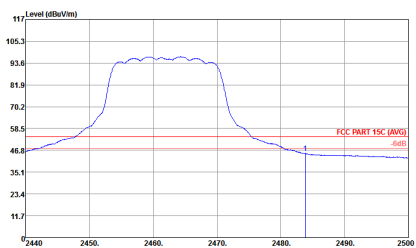
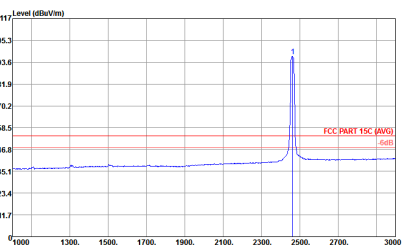


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |             |              |              |              |        |          |          |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|--------------|--------------|--------|----------|----------|----------|---------|----------|-------|------|--------------|-------------|--|--|--|-----|--------|----|--------|------|------|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|---------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|------|--------------|-------------|--|--|--|-----|--------|----|--------|------|------|----|----|-----|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-----|---------|----------|
| ANT  | 802.11g CH06 2437MHz - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |             |              |              |              |        |          |          |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fundamental |             |              |              |              |        |          |          |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Peak | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000kHz VSW:1.000kHz SWT:Auto</p><table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2388.00</td><td>52.74</td><td>-21.26</td><td>74.00</td><td>57.29</td><td>27.00</td><td>5.47</td><td>37.02</td><td>355</td><td>151</td><td>Peak</td><td>VERTICAL</td></tr></table></div>            |             | Over        | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark   | Pol/Phas | Freq    | Level    | Limit | Line | Level Factor | Loss Factor |  |  |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 | 2388.00 | 52.74 | -21.26 | 74.00 | 57.29 | 27.00 | 5.47 | 37.02 | 355 | 151 | Peak    | VERTICAL | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000kHz VSW:1.000kHz SWT:Auto</p><table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2440.00</td><td>112.63</td><td>38.63</td><td>74.00</td><td>116.72</td><td>27.39</td><td>5.49</td><td>36.97</td><td>355</td><td>151</td><td>Peak</td><td>VERTICAL</td></tr></table></div>            |  | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Line | Level Factor | Loss Factor |  |  |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 | 2440.00 | 112.63 | 38.63 | 74.00 | 116.72 | 27.39 | 5.49 | 36.97 | 355 | 151 | Peak    | VERTICAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Over        | Limit       | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limit       | Line        | Level Factor | Loss Factor  |              |        |          |          |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB          | dBuV/m      | dBuV         | dB/m         | dB           | cm     | deg      |          |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2388.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 52.74       | -21.26      | 74.00        | 57.29        | 27.00        | 5.47   | 37.02    | 355      | 151      | Peak    | VERTICAL |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
|      | Over                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Limit       | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |          |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limit       | Line        | Level Factor | Loss Factor  |              |        |          |          |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB          | dBuV/m      | dBuV         | dB/m         | dB           | cm     | deg      |          |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2440.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 112.63      | 38.63       | 74.00        | 116.72       | 27.39        | 5.49   | 36.97    | 355      | 151      | Peak    | VERTICAL |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Avg. | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000kHz VSW:1.000kHz SWT:Auto</p><table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.04</td><td>42.07</td><td>-11.93</td><td>54.00</td><td>46.62</td><td>27.00</td><td>5.47</td><td>37.02</td><td>355</td><td>151</td><td>Average</td><td>VERTICAL</td></tr></table></div> |             | Over        | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark   | Pol/Phas | Freq    | Level    | Limit | Line | Level Factor | Loss Factor |  |  |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 | 2389.04 | 42.07 | -11.93 | 54.00 | 46.62 | 27.00 | 5.47 | 37.02 | 355 | 151 | Average | VERTICAL | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000kHz VSW:1.000kHz SWT:Auto</p><table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2440.00</td><td>104.94</td><td>58.94</td><td>54.00</td><td>109.03</td><td>27.39</td><td>5.49</td><td>36.97</td><td>355</td><td>151</td><td>Average</td><td>VERTICAL</td></tr></table></div> |  | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Line | Level Factor | Loss Factor |  |  |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 | 2440.00 | 104.94 | 58.94 | 54.00 | 109.03 | 27.39 | 5.49 | 36.97 | 355 | 151 | Average | VERTICAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Over        | Limit       | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limit       | Line        | Level Factor | Loss Factor  |              |        |          |          |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB          | dBuV/m      | dBuV         | dB/m         | dB           | cm     | deg      |          |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2389.04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 42.07       | -11.93      | 54.00        | 46.62        | 27.00        | 5.47   | 37.02    | 355      | 151      | Average | VERTICAL |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
|      | Over                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Limit       | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |          |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limit       | Line        | Level Factor | Loss Factor  |              |        |          |          |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB          | dBuV/m      | dBuV         | dB/m         | dB           | cm     | deg      |          |          |         |          |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2440.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 104.94      | 58.94       | 54.00        | 109.03       | 27.39        | 5.49   | 36.97    | 355      | 151      | Average | VERTICAL |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |  |     |        |    |        |      |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |

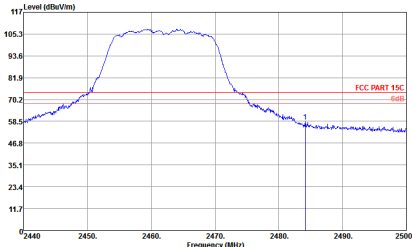
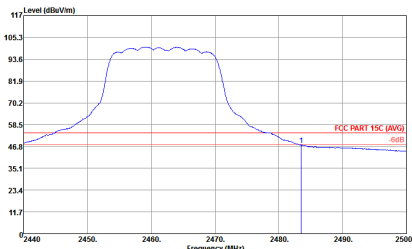
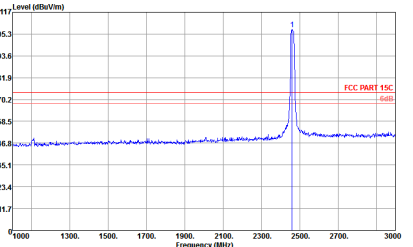
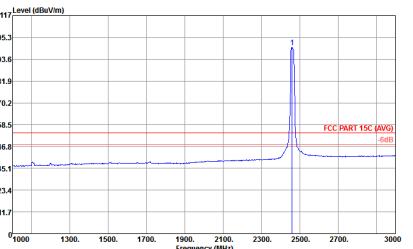


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |        |       |       |             |             |        |       |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------|-------|-------------|-------------|--------|-------|-------------|----------|----------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|--|-----|--------|-------|------|-------|--------|------|--------|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|----------|
| ANT  | 802.11g CH06 2437MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |       |       |             |             |        |       |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |       |       |             | Fundamental |        |       |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |
| Peak | <div><p>Site<br/>Condition</p><p>: 83CH03-KS<br/>: FCC PART 15C 3e HF ANT-2015813-91280 VERTICAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2485.88</td><td>54.44</td><td>-19.56</td><td>74.00</td><td>58.23</td><td>27.64</td><td>5.51</td><td>36.94</td><td>355</td><td>151 Peak</td><td>VERTICAL</td></tr></table></div>           |        |        |       |       |             |             |        |       |             |          |          | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | Limit | Line | Level | Factor | Loss | Factor | cm | deg |  | 1 | 2485.88 | 54.44 | -19.56 | 74.00 | 58.23 | 27.64 | 5.51 | 36.94 | 355 | 151 Peak    | VERTICAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Freq   | Level  | Over  | Limit | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos       | Remark   | Pol/Phas |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m | Limit  | Line  | Level | Factor      | Loss        | Factor | cm    | deg         |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |
| 1    | 2485.88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 54.44  | -19.56 | 74.00 | 58.23 | 27.64       | 5.51        | 36.94  | 355   | 151 Peak    | VERTICAL |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |
| Avg. | <div><p>Site<br/>Condition</p><p>: 83CH03-KS<br/>: FCC PART 15C (AVG) 3e HF ANT-2015813-91280 VERTICAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2485.86</td><td>44.54</td><td>-9.46</td><td>54.00</td><td>48.33</td><td>27.64</td><td>5.51</td><td>36.94</td><td>355</td><td>151 Average</td><td>VERTICAL</td></tr></table></div> |        |        |       |       |             |             |        |       |             |          |          | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | Limit | Line | Level | Factor | Loss | Factor | cm | deg |  | 1 | 2485.86 | 44.54 | -9.46  | 54.00 | 48.33 | 27.64 | 5.51 | 36.94 | 355 | 151 Average | VERTICAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Freq   | Level  | Over  | Limit | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos       | Remark   | Pol/Phas |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m | Limit  | Line  | Level | Factor      | Loss        | Factor | cm    | deg         |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |
| 1    | 2485.86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 44.54  | -9.46  | 54.00 | 48.33 | 27.64       | 5.51        | 36.94  | 355   | 151 Average | VERTICAL |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |          |



| WIFI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.4GHz 2400~2483.5MHz Band Edge @ 3m |            |             |             |        |        |       |        |             |            |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------|-------------|-------------|--------|--------|-------|--------|-------------|------------|------------|------------|-------------|-------------|--------|--------|-------|--------|----------|----------|--------|--------|--------|--------|------|------|----|-----|-----|--|-----|---------|---------|-------|--------|--------|-------|-------|-------|-------|-------------|-------------|------------|
| ANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 802.11g CH11 2462MHz                 |            |             |             |        |        |       |        |             |            |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
| 1+2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Horizontal                           |            |             |             |        |        |       |        |             |            |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
| Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: Rbw:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2464.16</td><td>55.29</td><td>-18.71</td><td>74.00</td><td>59.00</td><td>27.64</td><td>5.51</td><td>36.94</td><td>351</td><td>182 Peak</td><td>HORIZONTAL</td></tr></tbody></table></div>           |                                      |            |             |             |        |        |       |        |             | Freq       | Level      | Over Limit | Limit       | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos  | Remark   | Pol/Phas | MHz    | dBuV/m | dB     | dBuV/m | dBuV | dB/m | dB | cm  | deg |  |     | 1       | 2464.16 | 55.29 | -18.71 | 74.00  | 59.00 | 27.64 | 5.51  | 36.94 | 351         | 182 Peak    | HORIZONTAL |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Level                                | Over Limit | Limit       | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos  | Remark      | Pol/Phas   |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB                                   | dBuV/m     | dBuV        | dB/m        | dB     | cm     | deg   |        |             |            |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2464.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 55.29                                | -18.71     | 74.00       | 59.00       | 27.64  | 5.51   | 36.94 | 351    | 182 Peak    | HORIZONTAL |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
| <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: Rbw:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1 *</td><td>2464.00</td><td>105.02</td><td>31.02</td><td>74.00</td><td>100.97</td><td>27.51</td><td>5.50</td><td>36.96</td><td>351</td><td>182 Peak</td><td>HORIZONTAL</td></tr></tbody></table></div>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                      |            |             |             |        |        |       |        | Freq        | Level      | Over Limit | Limit      | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos | Remark | Pol/Phas | MHz      | dBuV/m | dB     | dBuV/m | dBuV   | dB/m | dB   | cm | deg |     |  | 1 * | 2464.00 | 105.02  | 31.02 | 74.00  | 100.97 | 27.51 | 5.50  | 36.96 | 351   | 182 Peak    | HORIZONTAL  |            |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Over Limit                           | Limit      | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos | Remark | Pol/Phas    |            |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB                                   | dBuV/m     | dBuV        | dB/m        | dB     | cm     | deg   |        |             |            |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
| 1 *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2464.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 105.02                               | 31.02      | 74.00       | 100.97      | 27.51  | 5.50   | 36.96 | 351    | 182 Peak    | HORIZONTAL |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
| Avg.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: Rbw:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2463.86</td><td>45.22</td><td>-8.78</td><td>54.00</td><td>49.81</td><td>27.64</td><td>5.51</td><td>36.94</td><td>351</td><td>182 Average</td><td>HORIZONTAL</td></tr></tbody></table></div> |                                      |            |             |             |        |        |       |        |             | Freq       | Level      | Over Limit | Limit       | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos  | Remark   | Pol/Phas | MHz    | dBuV/m | dB     | dBuV/m | dBuV | dB/m | dB | cm  | deg |  |     | 1       | 2463.86 | 45.22 | -8.78  | 54.00  | 49.81 | 27.64 | 5.51  | 36.94 | 351         | 182 Average | HORIZONTAL |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Level                                | Over Limit | Limit       | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos  | Remark      | Pol/Phas   |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB                                   | dBuV/m     | dBuV        | dB/m        | dB     | cm     | deg   |        |             |            |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2463.86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 45.22                                | -8.78      | 54.00       | 49.81       | 27.64  | 5.51   | 36.94 | 351    | 182 Average | HORIZONTAL |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
| <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: Rbw:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1 *</td><td>2464.00</td><td>96.98</td><td>42.98</td><td>54.00</td><td>100.85</td><td>27.51</td><td>5.50</td><td>36.96</td><td>351</td><td>182 Average</td><td>HORIZONTAL</td></tr></tbody></table></div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                      |            |             |             |        |        |       |        | Freq        | Level      | Over Limit | Limit      | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos | Remark | Pol/Phas | MHz      | dBuV/m | dB     | dBuV/m | dBuV   | dB/m | dB   | cm | deg |     |  | 1 * | 2464.00 | 96.98   | 42.98 | 54.00  | 100.85 | 27.51 | 5.50  | 36.96 | 351   | 182 Average | HORIZONTAL  |            |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Over Limit                           | Limit      | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos | Remark | Pol/Phas    |            |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB                                   | dBuV/m     | dBuV        | dB/m        | dB     | cm     | deg   |        |             |            |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |
| 1 *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2464.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 96.98                                | 42.98      | 54.00       | 100.85      | 27.51  | 5.50   | 36.96 | 351    | 182 Average | HORIZONTAL |            |            |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |     |     |  |     |         |         |       |        |        |       |       |       |       |             |             |            |

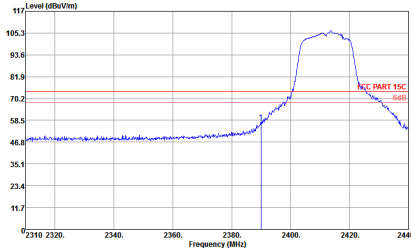
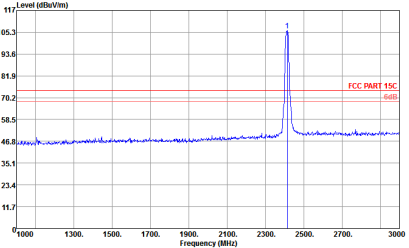
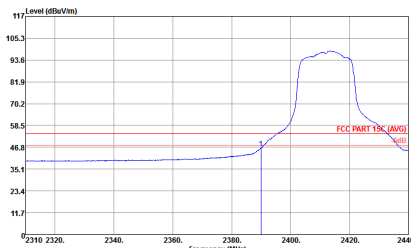
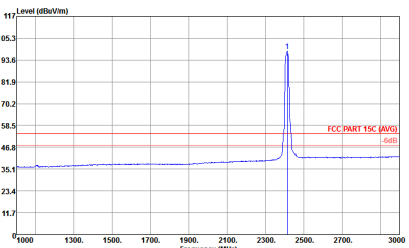


| WIFI        | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |        |       |             |              |       |       |        |             |          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------|-------------|--------------|-------|-------|--------|-------------|----------|------|-------|------|-------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|---|---------|--------|--------|-------|--------|-------|------|-------|-----|-------------|----------|
| ANT         | 802.11g CH11 2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |        |       |             |              |       |       |        |             |          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| 1+2         | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |        |       |             |              |       |       |        |             |          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| Peak        | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSM:1000.000KHz VSW:3.000.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2484.16</td><td>58.29</td><td>-15.71</td><td>74.00</td><td>62.00</td><td>27.64</td><td>5.51</td><td>36.94</td><td>400</td><td>152 Peak</td><td>VERTICAL</td></tr></table></div>          |        |        |       |             |              |       |       |        |             |          | Freq | Level | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 | 2484.16 | 58.29  | -15.71 | 74.00 | 62.00  | 27.64 | 5.51 | 36.94 | 400 | 152 Peak    | VERTICAL |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level  | Over   | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas    |          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB     | dBuV/m | dBuV  | dB/m        | dB           | cm    | deg   |        |             |          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| 1           | 2484.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 58.29  | -15.71 | 74.00 | 62.00       | 27.64        | 5.51  | 36.94 | 400    | 152 Peak    | VERTICAL |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| Avg.        | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSM:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.51</td><td>47.58</td><td>-6.42</td><td>54.00</td><td>51.37</td><td>27.64</td><td>5.51</td><td>36.94</td><td>400</td><td>152 Average</td><td>VERTICAL</td></tr></table></div>    |        |        |       |             |              |       |       |        |             |          | Freq | Level | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 | 2483.51 | 47.58  | -6.42  | 54.00 | 51.37  | 27.64 | 5.51 | 36.94 | 400 | 152 Average | VERTICAL |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level  | Over   | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas    |          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB     | dBuV/m | dBuV  | dB/m        | dB           | cm    | deg   |        |             |          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| 1           | 2483.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 47.58  | -6.42  | 54.00 | 51.37       | 27.64        | 5.51  | 36.94 | 400    | 152 Average | VERTICAL |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| Fundamental |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |       |             |              |       |       |        |             |          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| Peak        | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSM:1000.000KHz VSW:3.000.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2460.00</td><td>187.77</td><td>33.77</td><td>74.00</td><td>111.72</td><td>27.51</td><td>5.50</td><td>36.96</td><td>400</td><td>152 Peak</td><td>VERTICAL</td></tr></table></div>        |        |        |       |             |              |       |       |        |             |          | Freq | Level | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 | 2460.00 | 187.77 | 33.77  | 74.00 | 111.72 | 27.51 | 5.50 | 36.96 | 400 | 152 Peak    | VERTICAL |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level  | Over   | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas    |          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB     | dBuV/m | dBuV  | dB/m        | dB           | cm    | deg   |        |             |          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| 1           | 2460.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 187.77 | 33.77  | 74.00 | 111.72      | 27.51        | 5.50  | 36.96 | 400    | 152 Peak    | VERTICAL |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| Avg.        | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSM:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2460.00</td><td>100.12</td><td>46.12</td><td>54.00</td><td>104.07</td><td>27.51</td><td>5.50</td><td>36.96</td><td>400</td><td>152 Average</td><td>VERTICAL</td></tr></table></div> |        |        |       |             |              |       |       |        |             |          | Freq | Level | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 | 2460.00 | 100.12 | 46.12  | 54.00 | 104.07 | 27.51 | 5.50 | 36.96 | 400 | 152 Average | VERTICAL |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level  | Over   | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas    |          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB     | dBuV/m | dBuV  | dB/m        | dB           | cm    | deg   |        |             |          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |
| 1           | 2460.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 100.12 | 46.12  | 54.00 | 104.07      | 27.51        | 5.50  | 36.96 | 400    | 152 Average | VERTICAL |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |   |         |        |        |       |        |       |      |       |     |             |          |

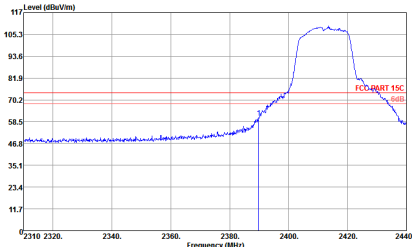
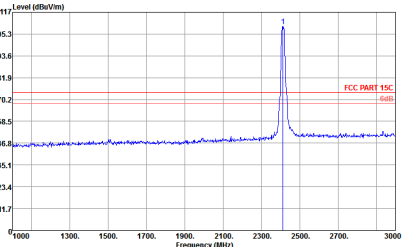
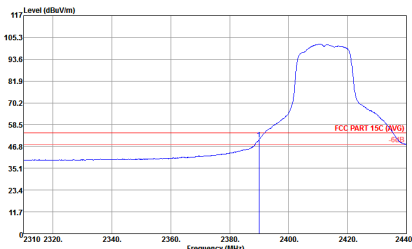
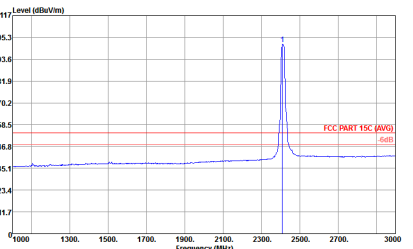


## 2.4GHz 2400~2483.5MHz

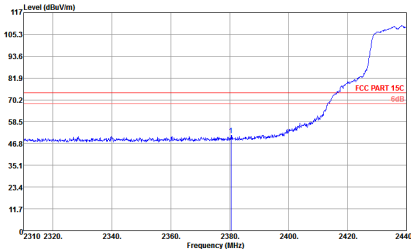
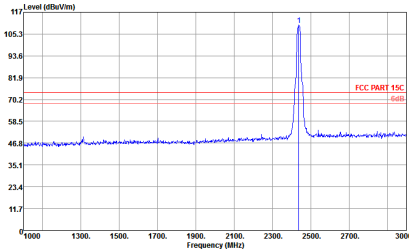
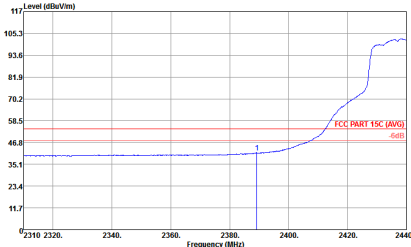
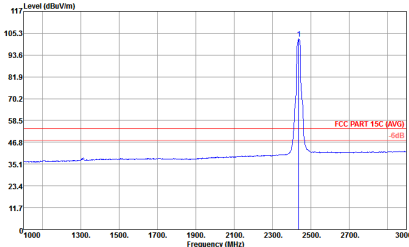
## WIFI 802.11ac VHT20 (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |            |        |             |                                                                                      |       |       |            |                        |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|--------|-------------|--------------------------------------------------------------------------------------|-------|-------|------------|------------------------|-------------|--------------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|------|-------|------------|-------|-------------|--------------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|-----|--|-----|---------|--------|-------|-------|--------|-------|------|-------|-----|
| ANT  | 802.11ac VHT20 CH01 2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |            |        |             |                                                                                      |       |       |            |                        |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |            |        |             | Fundamental                                                                          |       |       |            |                        |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |            |        |             |    |       |       |            |                        |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
|      | <div>Site : 83CH03-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015013-91280 HORIZONTAL<br/>RBW:1000.000KHz VSW:1.000KHz SWT:Auto</div> <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2389.95</td><td>57.68</td><td>-16.32</td><td>74.00</td><td>62.23</td><td>27.00</td><td>5.47</td><td>37.02</td><td>161</td><td>113 Peak HORIZONTAL</td></tr></tbody></table>         |        |            |        |             |                                                                                      | Freq  | Level | Over Limit | Limit                  | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 | 2389.95 | 57.68 | -16.32 | 74.00 | 62.23 | 27.00 | 5.47 | 37.02 | 161 | 113 Peak HORIZONTAL    | <div>Site : 83CH03-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015013-91280 HORIZONTAL<br/>RBW:1000.000KHz VSW:1.000KHz SWT:Auto</div> <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 *</td><td>2414.00</td><td>106.23</td><td>32.23</td><td>74.00</td><td>110.63</td><td>27.13</td><td>5.47</td><td>37.00</td><td>161</td><td>113 Peak HORIZONTAL</td></tr></tbody></table>         |  |  |  |  |  | Freq | Level | Over Limit | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 * | 2414.00 | 106.23 | 32.23 | 74.00 | 110.63 | 27.13 | 5.47 | 37.00 | 161 |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Level  | Over Limit | Limit  | ReadAntenna | Cable Preamp                                                                         | A/Pos | T/Pos | Remark     | Pol/Phas               |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m | dB         | dBuV/m | dBuV        | dB/m                                                                                 | dB    | cm    | deg        |                        |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
| 1    | 2389.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 57.68  | -16.32     | 74.00  | 62.23       | 27.00                                                                                | 5.47  | 37.02 | 161        | 113 Peak HORIZONTAL    |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Level  | Over Limit | Limit  | ReadAntenna | Cable Preamp                                                                         | A/Pos | T/Pos | Remark     | Pol/Phas               |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m | dB         | dBuV/m | dBuV        | dB/m                                                                                 | dB    | cm    | deg        |                        |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
| 1 *  | 2414.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 106.23 | 32.23      | 74.00  | 110.63      | 27.13                                                                                | 5.47  | 37.00 | 161        | 113 Peak HORIZONTAL    |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
| Avg. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |            |        |             |  |       |       |            |                        |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
|      | <div>Site : 83CH03-KS<br/>Condition : FCC PART 15C (AVG) 3m HF ANT-2015013-91280 HORIZONTAL<br/>RBW:1000.000KHz VSW:1.000KHz SWT:Auto</div> <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2389.95</td><td>46.28</td><td>-7.72</td><td>54.00</td><td>50.83</td><td>27.00</td><td>5.47</td><td>37.02</td><td>161</td><td>113 Average HORIZONTAL</td></tr></tbody></table> |        |            |        |             |                                                                                      | Freq  | Level | Over Limit | Limit                  | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 | 2389.95 | 46.28 | -7.72  | 54.00 | 50.83 | 27.00 | 5.47 | 37.02 | 161 | 113 Average HORIZONTAL | <div>Site : 83CH03-KS<br/>Condition : FCC PART 15C (AVG) 3m HF ANT-2015013-91280 HORIZONTAL<br/>RBW:1000.000KHz VSW:1.000KHz SWT:Auto</div> <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 *</td><td>2414.00</td><td>98.33</td><td>44.33</td><td>54.00</td><td>102.73</td><td>27.13</td><td>5.47</td><td>37.00</td><td>161</td><td>113 Average HORIZONTAL</td></tr></tbody></table> |  |  |  |  |  | Freq | Level | Over Limit | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 * | 2414.00 | 98.33  | 44.33 | 54.00 | 102.73 | 27.13 | 5.47 | 37.00 | 161 |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Level  | Over Limit | Limit  | ReadAntenna | Cable Preamp                                                                         | A/Pos | T/Pos | Remark     | Pol/Phas               |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m | dB         | dBuV/m | dBuV        | dB/m                                                                                 | dB    | cm    | deg        |                        |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
| 1    | 2389.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.28  | -7.72      | 54.00  | 50.83       | 27.00                                                                                | 5.47  | 37.02 | 161        | 113 Average HORIZONTAL |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Level  | Over Limit | Limit  | ReadAntenna | Cable Preamp                                                                         | A/Pos | T/Pos | Remark     | Pol/Phas               |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m | dB         | dBuV/m | dBuV        | dB/m                                                                                 | dB    | cm    | deg        |                        |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |
| 1 *  | 2414.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 98.33  | 44.33      | 54.00  | 102.73      | 27.13                                                                                | 5.47  | 37.00 | 161        | 113 Average HORIZONTAL |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |

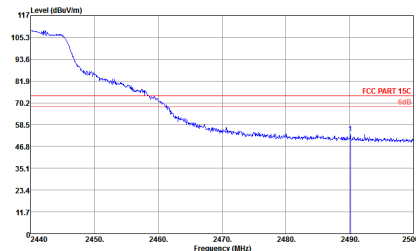
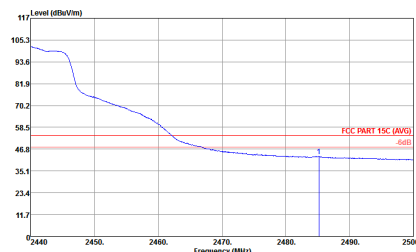


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |             |              |       |                                                                                      |        |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|--------------|-------|--------------------------------------------------------------------------------------|--------|------------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|---|---------|--------------|-------|-------|-------|------|-------|-----|-------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|------|-------|------------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|---|---------|--------------|-------|--------|-------|------|-------|-----|-------------|
| ANT  | 802.11ac VHT20 CH01 2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |             |              |       |                                                                                      |        |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |             |              |       | Fundamental                                                                          |        |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |             |              |       |    |        |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
|      | <div>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:1.000KHz SWT:Auto</div> <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2389.82</td><td>68.55 -13.45</td><td>74.00</td><td>65.10</td><td>27.00</td><td>5.47</td><td>37.02</td><td>321</td><td>154 Peak</td><td>VERTICAL</td></tr></tbody></table>         |              |             |              |       | Freq                                                                                 | Level  | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 | 2389.82 | 68.55 -13.45 | 74.00 | 65.10 | 27.00 | 5.47 | 37.02 | 321 | 154 Peak    | VERTICAL | <div>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:1.000KHz SWT:Auto</div> <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2412.00</td><td>189.34 35.34</td><td>74.00</td><td>113.74</td><td>27.13</td><td>5.47</td><td>37.00</td><td>321</td><td>154 Peak</td><td>VERTICAL</td></tr></tbody></table>          |  |  |  |  | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 | 2412.00 | 189.34 35.34 | 74.00 | 113.74 | 27.13 | 5.47 | 37.00 | 321 | 154 Peak    |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Over Limit   | ReadAntenna | Cable Preamp | A/Pos | T/Pos                                                                                | Remark | Pol/Phas   |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dB           | dBuV/m      | dBuV         | dB/m  | dB                                                                                   | cm     | deg        |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
| 1    | 2389.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 68.55 -13.45 | 74.00       | 65.10        | 27.00 | 5.47                                                                                 | 37.02  | 321        | 154 Peak    | VERTICAL     |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Over Limit   | ReadAntenna | Cable Preamp | A/Pos | T/Pos                                                                                | Remark | Pol/Phas   |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dB           | dBuV/m      | dBuV         | dB/m  | dB                                                                                   | cm     | deg        |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
| 1    | 2412.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 189.34 35.34 | 74.00       | 113.74       | 27.13 | 5.47                                                                                 | 37.00  | 321        | 154 Peak    | VERTICAL     |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
| Avg. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |             |              |       |  |        |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
|      | <div>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:1.000KHz SWT:Auto</div> <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2389.95</td><td>58.62 -3.38</td><td>54.00</td><td>55.17</td><td>27.00</td><td>5.47</td><td>37.02</td><td>321</td><td>154 Average</td><td>VERTICAL</td></tr></tbody></table> |              |             |              |       | Freq                                                                                 | Level  | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 | 2389.95 | 58.62 -3.38  | 54.00 | 55.17 | 27.00 | 5.47 | 37.02 | 321 | 154 Average | VERTICAL | <div>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:1.000KHz SWT:Auto</div> <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2410.00</td><td>181.53 47.53</td><td>54.00</td><td>185.93</td><td>27.13</td><td>5.47</td><td>37.00</td><td>321</td><td>154 Average</td><td>VERTICAL</td></tr></tbody></table> |  |  |  |  | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 | 2410.00 | 181.53 47.53 | 54.00 | 185.93 | 27.13 | 5.47 | 37.00 | 321 | 154 Average |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Over Limit   | ReadAntenna | Cable Preamp | A/Pos | T/Pos                                                                                | Remark | Pol/Phas   |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dB           | dBuV/m      | dBuV         | dB/m  | dB                                                                                   | cm     | deg        |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
| 1    | 2389.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 58.62 -3.38  | 54.00       | 55.17        | 27.00 | 5.47                                                                                 | 37.02  | 321        | 154 Average | VERTICAL     |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Over Limit   | ReadAntenna | Cable Preamp | A/Pos | T/Pos                                                                                | Remark | Pol/Phas   |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dB           | dBuV/m      | dBuV         | dB/m  | dB                                                                                   | cm     | deg        |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |
| 1    | 2410.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 181.53 47.53 | 54.00       | 185.93       | 27.13 | 5.47                                                                                 | 37.00  | 321        | 154 Average | VERTICAL     |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |   |         |              |       |        |       |      |       |     |             |

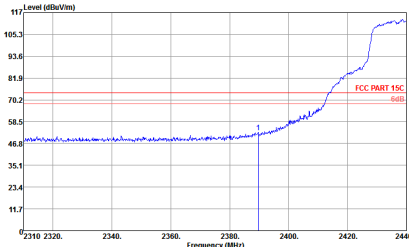
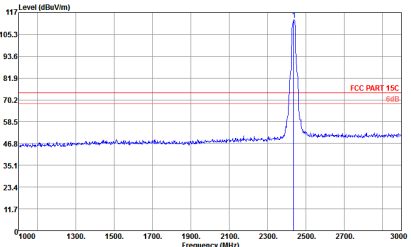
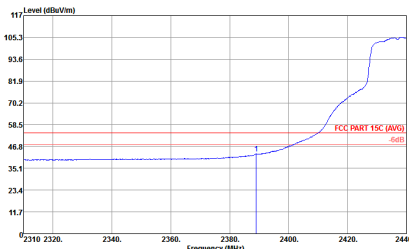
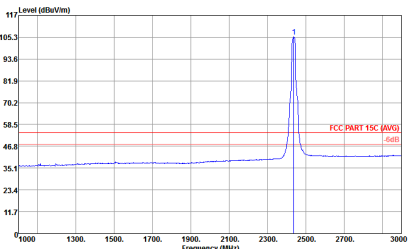


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |             |              |              |       |             |          |          |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|--------------|--------------|-------|-------------|----------|----------|-----|---------|------------|--|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|------|-------|--------|------|--|--|--|-----|--------|----|--------|------|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|---------|------------|--|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|------|-------|--------|------|--|--|--|-----|--------|----|--------|------|----|----|-----|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-----|---------|------------|
| ANT  | 802.11ac VHT20 CH06 2437MHz - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |             |              |              |       |             |          |          |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |             |              |              |       | Fundamental |          |          |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| Peak | <div><div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSH:1000.000MHz VSW:1.000Hz SWT:Auto</p><table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.46</td><td>51.89</td><td>-22.91</td><td>74.00</td><td>55.71</td><td>26.95</td><td>5.45</td><td>37.02</td><td>309</td><td>187</td><td>Peak</td><td>HORIZONTAL</td></tr></table></div><div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSH:1000.000MHz VSW:1.000Hz SWT:Auto</p><table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2438.00</td><td>110.07</td><td>36.07</td><td>74.00</td><td>114.16</td><td>27.39</td><td>5.49</td><td>36.97</td><td>309</td><td>187</td><td>Peak</td><td>HORIZONTAL</td></tr></table></div></div>                       |        |             |              |              |       |             |          |          |     |         |            |  | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level | Factor | Loss |  |  |  | MHz | dBuV/m | dB | dBuV/m | dB/m | dB | cm | deg | 1 | 2389.46 | 51.89 | -22.91 | 74.00 | 55.71 | 26.95 | 5.45 | 37.02 | 309 | 187 | Peak    | HORIZONTAL |  | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level | Factor | Loss |  |  |  | MHz | dBuV/m | dB | dBuV/m | dB/m | dB | cm | deg | 1 | 2438.00 | 110.07 | 36.07 | 74.00 | 114.16 | 27.39 | 5.49 | 36.97 | 309 | 187 | Peak    | HORIZONTAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Over   | Limit       | ReadAntenna  | Cable Preamp | A/Pos | T/Pos       | Remark   | Pol/Phas |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line   | Level       | Factor       | Loss         |       |             |          |          |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m | dB          | dBuV/m       | dB/m         | dB    | cm          | deg      |          |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | 2389.46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 51.89  | -22.91      | 74.00        | 55.71        | 26.95 | 5.45        | 37.02    | 309      | 187 | Peak    | HORIZONTAL |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
|      | Over                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Limit  | ReadAntenna | Cable Preamp | A/Pos        | T/Pos | Remark      | Pol/Phas |          |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line   | Level       | Factor       | Loss         |       |             |          |          |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m | dB          | dBuV/m       | dB/m         | dB    | cm          | deg      |          |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | 2438.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 110.07 | 36.07       | 74.00        | 114.16       | 27.39 | 5.49        | 36.97    | 309      | 187 | Peak    | HORIZONTAL |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| Avg. | <div><div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSH:1000.000MHz VSW:1.000Hz SWT:Auto</p><table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.17</td><td>41.29</td><td>-12.71</td><td>54.00</td><td>45.84</td><td>27.00</td><td>5.47</td><td>37.02</td><td>309</td><td>187</td><td>Average</td><td>HORIZONTAL</td></tr></table></div><div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSH:1000.000MHz VSW:1.000Hz SWT:Auto</p><table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2438.00</td><td>182.22</td><td>48.22</td><td>54.00</td><td>186.31</td><td>27.39</td><td>5.49</td><td>36.97</td><td>309</td><td>187</td><td>Average</td><td>HORIZONTAL</td></tr></table></div></div> |        |             |              |              |       |             |          |          |     |         |            |  | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level | Factor | Loss |  |  |  | MHz | dBuV/m | dB | dBuV/m | dB/m | dB | cm | deg | 1 | 2389.17 | 41.29 | -12.71 | 54.00 | 45.84 | 27.00 | 5.47 | 37.02 | 309 | 187 | Average | HORIZONTAL |  | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Level | Factor | Loss |  |  |  | MHz | dBuV/m | dB | dBuV/m | dB/m | dB | cm | deg | 1 | 2438.00 | 182.22 | 48.22 | 54.00 | 186.31 | 27.39 | 5.49 | 36.97 | 309 | 187 | Average | HORIZONTAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Over   | Limit       | ReadAntenna  | Cable Preamp | A/Pos | T/Pos       | Remark   | Pol/Phas |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line   | Level       | Factor       | Loss         |       |             |          |          |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m | dB          | dBuV/m       | dB/m         | dB    | cm          | deg      |          |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | 2389.17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 41.29  | -12.71      | 54.00        | 45.84        | 27.00 | 5.47        | 37.02    | 309      | 187 | Average | HORIZONTAL |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
|      | Over                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Limit  | ReadAntenna | Cable Preamp | A/Pos        | T/Pos | Remark      | Pol/Phas |          |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line   | Level       | Factor       | Loss         |       |             |          |          |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m | dB          | dBuV/m       | dB/m         | dB    | cm          | deg      |          |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | 2438.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 182.22 | 48.22       | 54.00        | 186.31       | 27.39 | 5.49        | 36.97    | 309      | 187 | Average | HORIZONTAL |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |  |      |       |             |              |       |       |        |          |      |       |      |       |        |      |  |  |  |     |        |    |        |      |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |        |            |       |             |             |        |       |       |         |            |  |      |       |            |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|------------|-------|-------------|-------------|--------|-------|-------|---------|------------|--|------|-------|------------|-------|-------------|-------|--------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|---------|------------|
| ANT  | 802.11ac VH20 CH06 2437MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |        |            |       |             |             |        |       |       |         |            |  |      |       |            |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |        |            |       |             | Fundamental |        |       |       |         |            |  |      |       |            |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
| Peak | <div><p>Site : 803CH3-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2430.16</td><td>53.89</td><td>-20.11</td><td>74.00</td><td>57.55</td><td>27.77</td><td>5.52</td><td>36.93</td><td>309</td><td>107</td><td>Peak</td><td>HORIZONTAL</td></tr></tbody></table></div>            |        |        |            |       |             |             |        |       |       |         |            |  | Freq | Level | Over Limit | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2430.16 | 53.89 | -20.11 | 74.00 | 57.55 | 27.77 | 5.52 | 36.93 | 309 | 107 | Peak    | HORIZONTAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Freq   | Level  | Over Limit | Limit | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos | Remark  | Pol/Phas   |  |      |       |            |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | dBuV/m | dB     | dBuV/m     | dBuV  | dB/m        | dB          | dB     | cm    | deg   |         |            |  |      |       |            |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
| 1    | 2430.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 53.89  | -20.11 | 74.00      | 57.55 | 27.77       | 5.52        | 36.93  | 309   | 107   | Peak    | HORIZONTAL |  |      |       |            |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
| Avg. | <div><p>Site : 803CH3-KS<br/>Condition : FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2485.18</td><td>42.91</td><td>-11.09</td><td>54.00</td><td>46.70</td><td>27.64</td><td>5.51</td><td>36.94</td><td>309</td><td>107</td><td>Average</td><td>HORIZONTAL</td></tr></tbody></table></div> |        |        |            |       |             |             |        |       |       |         |            |  | Freq | Level | Over Limit | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2485.18 | 42.91 | -11.09 | 54.00 | 46.70 | 27.64 | 5.51 | 36.94 | 309 | 107 | Average | HORIZONTAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Freq   | Level  | Over Limit | Limit | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos | Remark  | Pol/Phas   |  |      |       |            |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | dBuV/m | dB     | dBuV/m     | dBuV  | dB/m        | dB          | dB     | cm    | deg   |         |            |  |      |       |            |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
| 1    | 2485.18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42.91  | -11.09 | 54.00      | 46.70 | 27.64       | 5.51        | 36.94  | 309   | 107   | Average | HORIZONTAL |  |      |       |            |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |

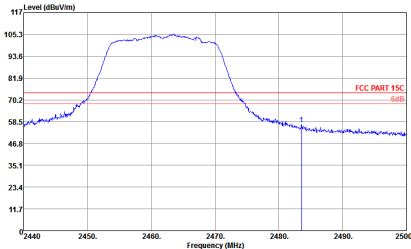
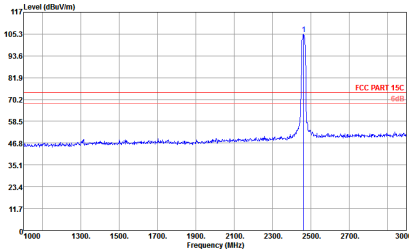
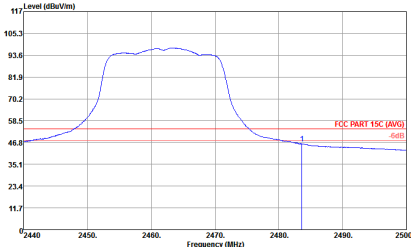
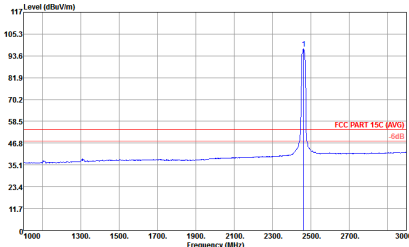


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |       |              |             |        |        |       |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------|--------------|-------------|--------|--------|-------|-------------|----------|----------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|--|-----|--------|-------|------|--------------|-------------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|--|-----|--------|-------|------|--------------|-------------|----|----|-----|--|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-------------|----------|
| ANT  | 802.11ac VH20 CH06 2437MHz - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |       |              |             |        |        |       |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |        |       |              |             |        |        |       |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Peak | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSH:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.69</td><td>52.75</td><td>-21.25</td><td>74.00</td><td>57.30</td><td>27.00</td><td>5.47</td><td>37.02</td><td>314</td><td>153 Peak</td><td>VERTICAL</td></tr></table></div>            |        |        |       |              |             |        |        |       |             |          |          | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  |  | 1 | 2389.69 | 52.75 | -21.25 | 74.00 | 57.30 | 27.00 | 5.47 | 37.02 | 314 | 153 Peak    | VERTICAL | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSH:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2438.00</td><td>113.00</td><td>39.00</td><td>74.00</td><td>117.09</td><td>27.39</td><td>5.49</td><td>36.97</td><td>314</td><td>153 Peak</td><td>VERTICAL</td></tr></table></div>            |  |  |  |  |  |  |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  |  | 1 | 2438.00 | 113.00 | 39.00 | 74.00 | 117.09 | 27.39 | 5.49 | 36.97 | 314 | 153 Peak    | VERTICAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Freq   | Level  | Over  | Limit        | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos       | Remark   | Pol/Phas |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m | Limit  | Line  | Level Factor | Loss Factor | dB     | cm     | deg   |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2389.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 52.75  | -21.25 | 74.00 | 57.30        | 27.00       | 5.47   | 37.02  | 314   | 153 Peak    | VERTICAL |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Level  | Over   | Limit | ReadAntenna  | Cable       | Preamp | A/Pos  | T/Pos | Remark      | Pol/Phas |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m | Limit  | Line  | Level Factor | Loss Factor | dB     | cm     | deg   |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2438.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 113.00 | 39.00  | 74.00 | 117.09       | 27.39       | 5.49   | 36.97  | 314   | 153 Peak    | VERTICAL |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Avg. | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSH:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.04</td><td>42.95</td><td>-11.05</td><td>54.00</td><td>47.50</td><td>27.00</td><td>5.47</td><td>37.02</td><td>314</td><td>153 Average</td><td>VERTICAL</td></tr></table></div> |        |        |       |              |             |        |        |       |             |          |          | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  |  | 1 | 2389.04 | 42.95 | -11.05 | 54.00 | 47.50 | 27.00 | 5.47 | 37.02 | 314 | 153 Average | VERTICAL | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSH:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2438.00</td><td>105.44</td><td>51.44</td><td>54.00</td><td>109.53</td><td>27.39</td><td>5.49</td><td>36.97</td><td>314</td><td>153 Average</td><td>VERTICAL</td></tr></table></div> |  |  |  |  |  |  |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  |  | 1 | 2438.00 | 105.44 | 51.44 | 54.00 | 109.53 | 27.39 | 5.49 | 36.97 | 314 | 153 Average | VERTICAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Freq   | Level  | Over  | Limit        | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos       | Remark   | Pol/Phas |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m | Limit  | Line  | Level Factor | Loss Factor | dB     | cm     | deg   |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2389.04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 42.95  | -11.05 | 54.00 | 47.50        | 27.00       | 5.47   | 37.02  | 314   | 153 Average | VERTICAL |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Level  | Over   | Limit | ReadAntenna  | Cable       | Preamp | A/Pos  | T/Pos | Remark      | Pol/Phas |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m | Limit  | Line  | Level Factor | Loss Factor | dB     | cm     | deg   |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2438.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 105.44 | 51.44  | 54.00 | 109.53       | 27.39       | 5.49   | 36.97  | 314   | 153 Average | VERTICAL |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |       |      |              |             |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |        |             |             |             |        |        |        |                      |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |  |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------------|-------------|-------------|--------|--------|--------|----------------------|----------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------------------|--|
| ANT  | 802.11ac VH20 CH06 2437MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |        |             |             |             |        |        |        |                      |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |  |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Fundamental |        |             |             |             |        |        |        |                      |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |  |
| Peak | <div><p>Site : 83CH83-KS<br/>Condition : FCC PART 15C 3e HP ANT-2015813-91280 VERTICAL<br/>RBW:1000.000000Hz VBW:1000.000000Hz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2484.02</td><td>54.22</td><td>-19.78</td><td>74.00</td><td>58.01</td><td>27.64</td><td>5.51</td><td>36.94</td><td>314</td><td>153 Peak VERTICAL</td></tr></table></div>      | Freq        | Level  | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos                | Remark   | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2484.02 | 54.22 | -19.78 | 74.00 | 58.01 | 27.64 | 5.51 | 36.94 | 314 | 153 Peak VERTICAL    |  |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Level       | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos  | Remark               | Pol/Phas |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |  |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB          | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg    |        |                      |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |  |
| 1    | 2484.02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 54.22       | -19.78 | 74.00       | 58.01       | 27.64       | 5.51   | 36.94  | 314    | 153 Peak VERTICAL    |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |  |
| Avg. | <div><p>Site : 83CH83-KS<br/>Condition : FCC PART 15C (AVG) 3e HP ANT-2015813-91280 VERTICAL<br/>RBW:1000.000000Hz VBW:1.000000Hz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2484.88</td><td>44.04</td><td>-9.16</td><td>54.00</td><td>48.63</td><td>27.64</td><td>5.51</td><td>36.94</td><td>314</td><td>153 Average VERTICAL</td></tr></table></div> | Freq        | Level  | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos                | Remark   | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2484.88 | 44.04 | -9.16  | 54.00 | 48.63 | 27.64 | 5.51 | 36.94 | 314 | 153 Average VERTICAL |  |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Over        | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas             |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |  |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB          | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg    |        |                      |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |  |
| 1    | 2484.88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 44.04       | -9.16  | 54.00       | 48.63       | 27.64       | 5.51   | 36.94  | 314    | 153 Average VERTICAL |          |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |  |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |             |             |             |        |       |        |             |            |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------------|-------------|-------------|--------|-------|--------|-------------|------------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-------------|------------|
| ANT  | 802.11ac VH20 CH11 2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |        |             |             |             |        |       |        |             |            |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |        |             |             | Fundamental |        |       |        |             |            |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| Peak | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.56</td><td>56.88</td><td>-17.12</td><td>74.00</td><td>69.67</td><td>27.64</td><td>5.51</td><td>36.94</td><td>318</td><td>186 Peak</td><td>HORIZONTAL</td></tr></table></div>           |        |        |             |             | Freq        | Level  | Over  | Limit  | ReadAntenna | Cable      | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2483.56 | 56.88 | -17.12 | 74.00 | 69.67 | 27.64 | 5.51 | 36.94 | 318 | 186 Peak    | HORIZONTAL | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2464.00</td><td>185.37</td><td>31.37</td><td>74.00</td><td>189.32</td><td>27.51</td><td>5.58</td><td>36.96</td><td>318</td><td>186 Peak</td><td>HORIZONTAL</td></tr></table></div>           |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2464.00 | 185.37 | 31.37 | 74.00 | 189.32 | 27.51 | 5.58 | 36.96 | 318 | 186 Peak    | HORIZONTAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Level  | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos  | Remark      | Pol/Phas   |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB     | dBuV/m | dBuV        | dB/m        | dB          | dB     | cm    | deg    |             |            |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2483.56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 56.88  | -17.12 | 74.00       | 69.67       | 27.64       | 5.51   | 36.94 | 318    | 186 Peak    | HORIZONTAL |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Over   | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos | Remark | Pol/Phas    |            |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB     | dBuV/m | dBuV        | dB/m        | dB          | dB     | cm    | deg    |             |            |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2464.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 185.37 | 31.37  | 74.00       | 189.32      | 27.51       | 5.58   | 36.96 | 318    | 186 Peak    | HORIZONTAL |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| Avg. | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.62</td><td>46.13</td><td>-7.87</td><td>54.00</td><td>49.92</td><td>27.64</td><td>5.51</td><td>36.94</td><td>318</td><td>186 Average</td><td>HORIZONTAL</td></tr></table></div> |        |        |             |             | Freq        | Level  | Over  | Limit  | ReadAntenna | Cable      | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2483.62 | 46.13 | -7.87  | 54.00 | 49.92 | 27.64 | 5.51 | 36.94 | 318 | 186 Average | HORIZONTAL | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2464.00</td><td>97.49</td><td>43.49</td><td>54.00</td><td>181.44</td><td>27.51</td><td>5.58</td><td>36.96</td><td>318</td><td>186 Average</td><td>HORIZONTAL</td></tr></table></div> |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2464.00 | 97.49  | 43.49 | 54.00 | 181.44 | 27.51 | 5.58 | 36.96 | 318 | 186 Average | HORIZONTAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Level  | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos  | Remark      | Pol/Phas   |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB     | dBuV/m | dBuV        | dB/m        | dB          | dB     | cm    | deg    |             |            |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2483.62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.13  | -7.87  | 54.00       | 49.92       | 27.64       | 5.51   | 36.94 | 318    | 186 Average | HORIZONTAL |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Over   | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos | Remark | Pol/Phas    |            |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB     | dBuV/m | dBuV        | dB/m        | dB          | dB     | cm    | deg    |             |            |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2464.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 97.49  | 43.49  | 54.00       | 181.44      | 27.51       | 5.58   | 36.96 | 318    | 186 Average | HORIZONTAL |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |



| WIFI |                                                                                                                                                                                                                                                                                                                                                               | 2.4GHz 2400~2483.5MHz Band Edge @ 3m |             |        |        |       |       |       |       |       |         |          |          |          |                                                                                                                                                                                                                                                                                                                                                                 |   |         |        |       |       |        |       |      |       |     |     |         |          |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------|--------|--------|-------|-------|-------|-------|-------|---------|----------|----------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-----|---------|----------|
| ANT  |                                                                                                                                                                                                                                                                                                                                                               | 802.11ac VH20 CH11 2462MHz           |             |        |        |       |       |       |       |       |         |          |          |          |                                                                                                                                                                                                                                                                                                                                                                 |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1+2  |                                                                                                                                                                                                                                                                                                                                                               | Vertical                             | Fundamental |        |        |       |       |       |       |       |         |          |          |          |                                                                                                                                                                                                                                                                                                                                                                 |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Peak | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>1</th><th>2484.46</th><th>68.25</th><th>-13.75</th><th>74.00</th><th>64.04</th><th>27.64</th><th>5.51</th><th>36.94</th><th>347</th><th>154</th><th>Peak</th><th>VERTICAL</th></tr></table></div>         | 1                                    | 2484.46     | 68.25  | -13.75 | 74.00 | 64.04 | 27.64 | 5.51  | 36.94 | 347     | 154      | Peak     | VERTICAL | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>1</th><th>2460.00</th><th>189.57</th><th>35.57</th><th>74.00</th><th>113.52</th><th>27.51</th><th>5.58</th><th>36.96</th><th>347</th><th>154</th><th>Peak</th><th>VERTICAL</th></tr></table></div>          | 1 | 2460.00 | 189.57 | 35.57 | 74.00 | 113.52 | 27.51 | 5.58 | 36.96 | 347 | 154 | Peak    | VERTICAL |
|      | 1                                                                                                                                                                                                                                                                                                                                                             | 2484.46                              | 68.25       | -13.75 | 74.00  | 64.04 | 27.64 | 5.51  | 36.94 | 347   | 154     | Peak     | VERTICAL |          |                                                                                                                                                                                                                                                                                                                                                                 |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2460.00                                                                                                                                                                                                                                                                                                                                                       | 189.57                               | 35.57       | 74.00  | 113.52 | 27.51 | 5.58  | 36.96 | 347   | 154   | Peak    | VERTICAL |          |          |                                                                                                                                                                                                                                                                                                                                                                 |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Avg. | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>1</th><th>2483.56</th><th>49.96</th><th>-4.04</th><th>54.00</th><th>53.75</th><th>27.64</th><th>5.51</th><th>36.94</th><th>347</th><th>154</th><th>Average</th><th>VERTICAL</th></tr></table></div> | 1                                    | 2483.56     | 49.96  | -4.04  | 54.00 | 53.75 | 27.64 | 5.51  | 36.94 | 347     | 154      | Average  | VERTICAL | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>1</th><th>2460.00</th><th>181.44</th><th>47.44</th><th>54.00</th><th>185.39</th><th>27.51</th><th>5.58</th><th>36.96</th><th>347</th><th>154</th><th>Average</th><th>VERTICAL</th></tr></table></div> | 1 | 2460.00 | 181.44 | 47.44 | 54.00 | 185.39 | 27.51 | 5.58 | 36.96 | 347 | 154 | Average | VERTICAL |
|      | 1                                                                                                                                                                                                                                                                                                                                                             | 2483.56                              | 49.96       | -4.04  | 54.00  | 53.75 | 27.64 | 5.51  | 36.94 | 347   | 154     | Average  | VERTICAL |          |                                                                                                                                                                                                                                                                                                                                                                 |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2460.00                                                                                                                                                                                                                                                                                                                                                       | 181.44                               | 47.44       | 54.00  | 185.39 | 27.51 | 5.58  | 36.96 | 347   | 154   | Average | VERTICAL |          |          |                                                                                                                                                                                                                                                                                                                                                                 |   |         |        |       |       |        |       |      |       |     |     |         |          |

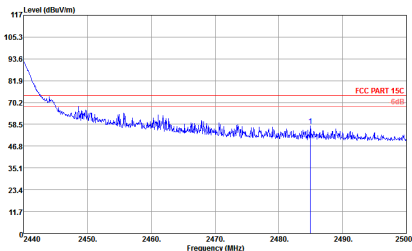
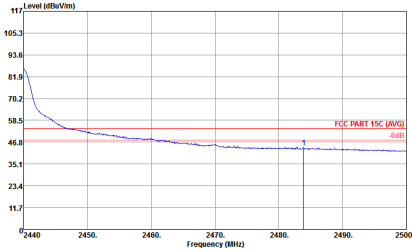


## 2.4GHz 2400~2483.5MHz

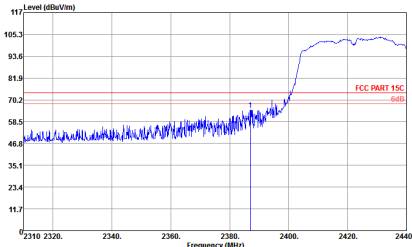
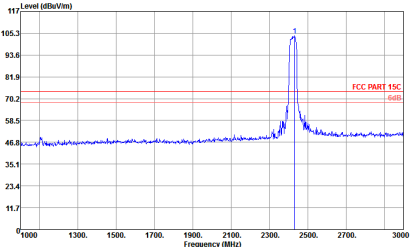
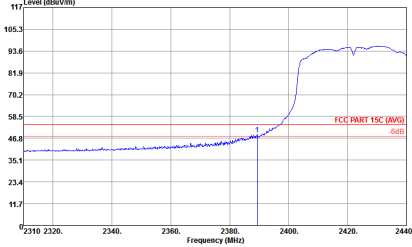
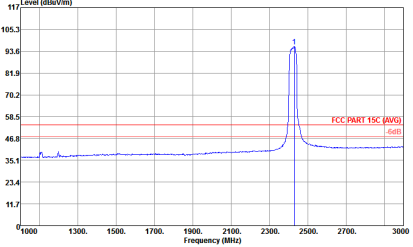
## WIFI 802.11ac VHT40 (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |        |         |        |             |       |        |       |       |        |          |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|---------|--------|-------------|-------|--------|-------|-------|--------|----------|------------|---------|------------|--|--|------|-------|-------|------|-------------|-------|--------|-------|-------|--------|----------|--|--|-----|--------|----|--------|------|------|----|----|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-----|---------|------------|--|--|------|-------|-------|------|-------------|-------|--------|-------|-------|--------|----------|--|--|-----|--------|----|--------|------|------|----|----|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| ANT  | 802.11ac VH40 CH03 2422MHz - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |        |         |        |             |       |        |       |       |        |          |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fundamental |        |         |        |             |       |        |       |       |        |          |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Peak | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015013-91280 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SMT:Auto</p><table><thead><tr><th></th><th>1</th><th>2382.67</th><th>62.74</th><th>-11.26</th><th>74.00</th><th>67.36</th><th>26.95</th><th>5.45</th><th>37.02</th><th>100</th><th>112</th><th>Peak</th><th>HORIZONTAL</th></tr><tr><th></th><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table></div>      |             | 1      | 2382.67 | 62.74  | -11.26      | 74.00 | 67.36  | 26.95 | 5.45  | 37.02  | 100      | 112        | Peak    | HORIZONTAL |  |  | Freq | Level | Limit | Line | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015013-91280 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SMT:Auto</p><table><thead><tr><th></th><th>1</th><th>2432.00</th><th>100.51</th><th>26.51</th><th>74.00</th><th>104.76</th><th>27.26</th><th>5.48</th><th>36.99</th><th>100</th><th>112</th><th>Peak</th><th>HORIZONTAL</th></tr><tr><th></th><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table></div>     |  | 1 | 2432.00 | 100.51 | 26.51 | 74.00 | 104.76 | 27.26 | 5.48 | 36.99 | 100 | 112 | Peak    | HORIZONTAL |  |  | Freq | Level | Limit | Line | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2382.67     | 62.74  | -11.26  | 74.00  | 67.36       | 26.95 | 5.45   | 37.02 | 100   | 112    | Peak     | HORIZONTAL |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Freq        | Level  | Limit   | Line   | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MHz         | dBuV/m | dB      | dBuV/m | dBuV        | dB/m  | dB     | cm    | deg   |        |          |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |        |         |        |             |       |        |       |       |        |          |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2432.00     | 100.51 | 26.51   | 74.00  | 104.76      | 27.26 | 5.48   | 36.99 | 100   | 112    | Peak     | HORIZONTAL |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Freq        | Level  | Limit   | Line   | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MHz         | dBuV/m | dB      | dBuV/m | dBuV        | dB/m  | dB     | cm    | deg   |        |          |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |        |         |        |             |       |        |       |       |        |          |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Avg. | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015013-91280 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3.000KHz SMT:Auto</p><table><thead><tr><th></th><th>1</th><th>2389.30</th><th>46.45</th><th>-7.55</th><th>54.00</th><th>51.00</th><th>27.00</th><th>5.47</th><th>37.02</th><th>100</th><th>112</th><th>Average</th><th>HORIZONTAL</th></tr><tr><th></th><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table></div> |             | 1      | 2389.30 | 46.45  | -7.55       | 54.00 | 51.00  | 27.00 | 5.47  | 37.02  | 100      | 112        | Average | HORIZONTAL |  |  | Freq | Level | Limit | Line | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015013-91280 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3.000KHz SMT:Auto</p><table><thead><tr><th></th><th>1</th><th>2432.00</th><th>92.59</th><th>38.59</th><th>54.00</th><th>96.84</th><th>27.26</th><th>5.48</th><th>36.99</th><th>100</th><th>112</th><th>Average</th><th>HORIZONTAL</th></tr><tr><th></th><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table></div> |  | 1 | 2432.00 | 92.59  | 38.59 | 54.00 | 96.84  | 27.26 | 5.48 | 36.99 | 100 | 112 | Average | HORIZONTAL |  |  | Freq | Level | Limit | Line | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2389.30     | 46.45  | -7.55   | 54.00  | 51.00       | 27.00 | 5.47   | 37.02 | 100   | 112    | Average  | HORIZONTAL |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Freq        | Level  | Limit   | Line   | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MHz         | dBuV/m | dB      | dBuV/m | dBuV        | dB/m  | dB     | cm    | deg   |        |          |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |        |         |        |             |       |        |       |       |        |          |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2432.00     | 92.59  | 38.59   | 54.00  | 96.84       | 27.26 | 5.48   | 36.99 | 100   | 112    | Average  | HORIZONTAL |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Freq        | Level  | Limit   | Line   | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MHz         | dBuV/m | dB      | dBuV/m | dBuV        | dB/m  | dB     | cm    | deg   |        |          |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |        |         |        |             |       |        |       |       |        |          |            |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |         |        |       |       |        |       |      |       |     |     |         |            |  |  |      |       |       |      |             |       |        |       |       |        |          |  |  |     |        |    |        |      |      |    |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

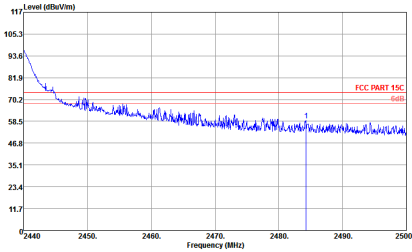
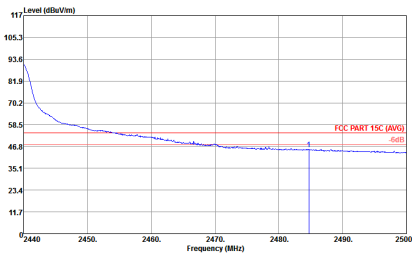


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |            |             |              |              |       |        |          |          |         |            |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |  |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|-------------|--------------|--------------|-------|--------|----------|----------|---------|------------|----|--------|------|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|---------|------------|--|
| ANT  | 802.11ac VH40 CH03 2422MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |            |             |              |              |       |        |          |          |         |            |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |  |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Fundamental |            |             |              |              |       |        |          |          |         |            |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |  |
| Peak | <div><p>Site : 80CHB3-K5<br/>Condition : FCC PART 15C 3m HP ANT-2015813-91280 HORIZONTAL<br/>RBW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2484.94</td><td>57.77</td><td>-16.23</td><td>74.00</td><td>61.56</td><td>27.64</td><td>5.51</td><td>36.94</td><td>100</td><td>112</td><td>Peak</td><td>HORIZONTAL</td></tr></table></div>            | Freq        | Level      | Over Limit  | ReadAntenna  | Cable Preamp | A/Pos | T/Pos  | Remark   | Pol/Phas | MHz     | dBuV/m     | dB | dBuV/m | dB/m | dB | cm | deg |  | 1 | 2484.94 | 57.77 | -16.23 | 74.00 | 61.56 | 27.64 | 5.51 | 36.94 | 100 | 112 | Peak    | HORIZONTAL |  |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Level       | Over Limit | ReadAntenna | Cable Preamp | A/Pos        | T/Pos | Remark | Pol/Phas |          |         |            |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |  |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB          | dBuV/m     | dB/m        | dB           | cm           | deg   |        |          |          |         |            |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |  |
| 1    | 2484.94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 57.77       | -16.23     | 74.00       | 61.56        | 27.64        | 5.51  | 36.94  | 100      | 112      | Peak    | HORIZONTAL |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |  |
| Avg. | <div><p>Site : 80CHB3-K5<br/>Condition : FCC PART 15C (AVG) 3m HP ANT-2015813-91280 HORIZONTAL<br/>RBW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.92</td><td>43.92</td><td>-10.08</td><td>54.00</td><td>47.71</td><td>27.64</td><td>5.51</td><td>36.94</td><td>100</td><td>112</td><td>Average</td><td>HORIZONTAL</td></tr></table></div> | Freq        | Level      | Over Limit  | ReadAntenna  | Cable Preamp | A/Pos | T/Pos  | Remark   | Pol/Phas | MHz     | dBuV/m     | dB | dBuV/m | dB/m | dB | cm | deg |  | 1 | 2483.92 | 43.92 | -10.08 | 54.00 | 47.71 | 27.64 | 5.51 | 36.94 | 100 | 112 | Average | HORIZONTAL |  |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Level       | Over Limit | ReadAntenna | Cable Preamp | A/Pos        | T/Pos | Remark | Pol/Phas |          |         |            |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |  |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB          | dBuV/m     | dB/m        | dB           | cm           | deg   |        |          |          |         |            |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |  |
| 1    | 2483.92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 43.92       | -10.08     | 54.00       | 47.71        | 27.64        | 5.51  | 36.94  | 100      | 112      | Average | HORIZONTAL |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |            |  |

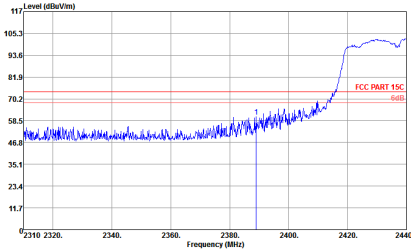
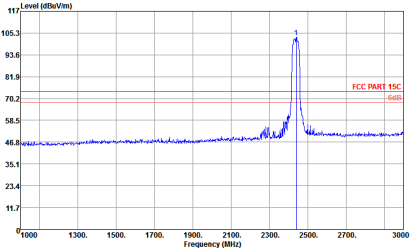
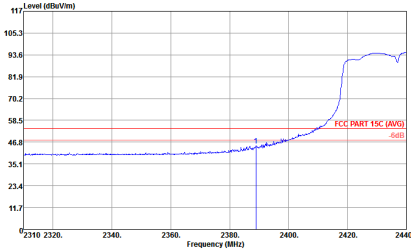
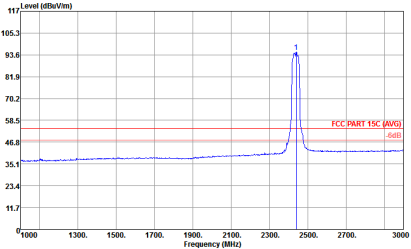


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |       |             |             |             |        |        |        |             |          |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|-------------|-------------|-------------|--------|--------|--------|-------------|----------|----------|-----|--------|-------|------|-------|--------|------|----|----|-----|--|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|-------|------|-------|--------|------|----|----|-----|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-------------|----------|
| ANT  | 802.11ac VH40 CH03 2422MHz - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |       |             |             |             |        |        |        |             |          |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Fundamental |       |             |             |             |        |        |        |             |          |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Peak | <div><p>Site<br/>Condition : 83CH03-KS<br/>: FCC PART 15C 3e HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2387.89</td><td>64.75</td><td>-9.25</td><td>74.00</td><td>69.30</td><td>27.00</td><td>5.47</td><td>37.02</td><td>322</td><td>155 Peak</td><td>VERTICAL</td></tr></table></div>            | Freq        | Level | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos       | Remark   | Pol/Phas | MHz | dBuV/m | Limit | Line | Level | Factor | Loss | dB | cm | deg |  | 1 | 2387.89 | 64.75 | -9.25 | 74.00 | 69.30 | 27.00 | 5.47 | 37.02 | 322 | 155 Peak    | VERTICAL | <div><p>Site<br/>Condition : 83CH03-KS<br/>: FCC PART 15C 3e HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2432.00</td><td>104.10</td><td>38.10</td><td>74.00</td><td>100.35</td><td>27.26</td><td>5.48</td><td>36.99</td><td>322</td><td>155 Peak</td><td>VERTICAL</td></tr></table></div>           | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | Limit | Line | Level | Factor | Loss | dB | cm | deg |  | 1 | 2432.00 | 104.10 | 38.10 | 74.00 | 100.35 | 27.26 | 5.48 | 36.99 | 322 | 155 Peak    | VERTICAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Level       | Over  | Limit       | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos  | Remark      | Pol/Phas |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Limit       | Line  | Level       | Factor      | Loss        | dB     | cm     | deg    |             |          |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2387.89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 64.75       | -9.25 | 74.00       | 69.30       | 27.00       | 5.47   | 37.02  | 322    | 155 Peak    | VERTICAL |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Over        | Limit | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas    |          |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Limit       | Line  | Level       | Factor      | Loss        | dB     | cm     | deg    |             |          |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2432.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 104.10      | 38.10 | 74.00       | 100.35      | 27.26       | 5.48   | 36.99  | 322    | 155 Peak    | VERTICAL |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Avg. | <div><p>Site<br/>Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3e HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2389.30</td><td>48.96</td><td>-5.04</td><td>54.00</td><td>53.51</td><td>27.00</td><td>5.47</td><td>37.02</td><td>322</td><td>155 Average</td><td>VERTICAL</td></tr></table></div> | Freq        | Level | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos       | Remark   | Pol/Phas | MHz | dBuV/m | Limit | Line | Level | Factor | Loss | dB | cm | deg |  | 1 | 2389.30 | 48.96 | -5.04 | 54.00 | 53.51 | 27.00 | 5.47 | 37.02 | 322 | 155 Average | VERTICAL | <div><p>Site<br/>Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3e HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2430.00</td><td>96.25</td><td>42.25</td><td>54.00</td><td>100.50</td><td>27.26</td><td>5.48</td><td>36.99</td><td>322</td><td>155 Average</td><td>VERTICAL</td></tr></table></div> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | Limit | Line | Level | Factor | Loss | dB | cm | deg |  | 1 | 2430.00 | 96.25  | 42.25 | 54.00 | 100.50 | 27.26 | 5.48 | 36.99 | 322 | 155 Average | VERTICAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Level       | Over  | Limit       | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos  | Remark      | Pol/Phas |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Limit       | Line  | Level       | Factor      | Loss        | dB     | cm     | deg    |             |          |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2389.30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 48.96       | -5.04 | 54.00       | 53.51       | 27.00       | 5.47   | 37.02  | 322    | 155 Average | VERTICAL |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Over        | Limit | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas    |          |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Limit       | Line  | Level       | Factor      | Loss        | dB     | cm     | deg    |             |          |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2430.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 96.25       | 42.25 | 54.00       | 100.50      | 27.26       | 5.48   | 36.99  | 322    | 155 Average | VERTICAL |          |     |        |       |      |       |        |      |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |          |

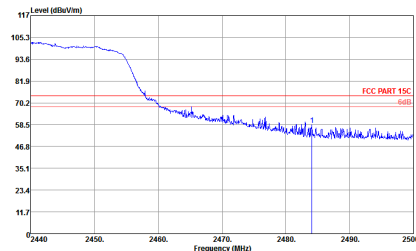
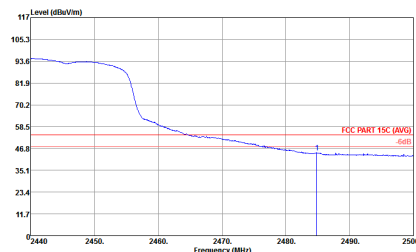


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |        |            |             |              |       |       |                 |          |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |        |    |    |    |     |   |         |       |        |       |       |       |      |       |                 |          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|------------|-------------|--------------|-------|-------|-----------------|----------|--|------|-------|------------|-------------|--------------|-------|-------|--------|----------|--|-----|--------|----|--------|--------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----------------|----------|
| ANT  | 802.11ac VH40 CH03 2422MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |        |            |             |              |       |       |                 |          |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |        |    |    |    |     |   |         |       |        |       |       |       |      |       |                 |          |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |            |             | Fundamental  |       |       |                 |          |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |        |    |    |    |     |   |         |       |        |       |       |       |      |       |                 |          |
| Peak | <div><p>Site : 803CH03-K5<br/>Condition : FCC PART 15C 3m HP ANT-2015813-91280 VERTICAL<br/>RSM:1000.000000GHz VSW:3.000000GHz SWT:Auto</p><table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2484.28</td><td>59.14</td><td>-14.86</td><td>74.00</td><td>62.93</td><td>27.64</td><td>5.51</td><td>36.94</td><td>322 155 Peak</td><td>VERTICAL</td></tr></tbody></table></div>           |        |        |            |             |              |       |       |                 |          |  | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | dB | cm | deg | 1 | 2484.28 | 59.14 | -14.86 | 74.00 | 62.93 | 27.64 | 5.51 | 36.94 | 322 155 Peak    | VERTICAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Freq   | Level  | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark          | Pol/Phas |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |        |    |    |    |     |   |         |       |        |       |       |       |      |       |                 |          |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m | dB     | dBuV/m     | dBuV/m      | dB           | dB    | cm    | deg             |          |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |        |    |    |    |     |   |         |       |        |       |       |       |      |       |                 |          |
| 1    | 2484.28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 59.14  | -14.86 | 74.00      | 62.93       | 27.64        | 5.51  | 36.94 | 322 155 Peak    | VERTICAL |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |        |    |    |    |     |   |         |       |        |       |       |       |      |       |                 |          |
| Avg. | <div><p>Site : 803CH03-K5<br/>Condition : FCC PART 15C (AVG) 3m HP ANT-2015813-91280 VERTICAL<br/>RSM:1000.000000GHz VSW:3.000000GHz SWT:Auto</p><table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2484.70</td><td>45.44</td><td>-8.56</td><td>54.00</td><td>49.23</td><td>27.64</td><td>5.51</td><td>36.94</td><td>322 155 Average</td><td>VERTICAL</td></tr></tbody></table></div> |        |        |            |             |              |       |       |                 |          |  | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | dB | cm | deg | 1 | 2484.70 | 45.44 | -8.56  | 54.00 | 49.23 | 27.64 | 5.51 | 36.94 | 322 155 Average | VERTICAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Freq   | Level  | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark          | Pol/Phas |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |        |    |    |    |     |   |         |       |        |       |       |       |      |       |                 |          |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m | dB     | dBuV/m     | dBuV/m      | dB           | dB    | cm    | deg             |          |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |        |    |    |    |     |   |         |       |        |       |       |       |      |       |                 |          |
| 1    | 2484.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 45.44  | -8.56  | 54.00      | 49.23       | 27.64        | 5.51  | 36.94 | 322 155 Average | VERTICAL |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |        |    |    |    |     |   |         |       |        |       |       |       |      |       |                 |          |

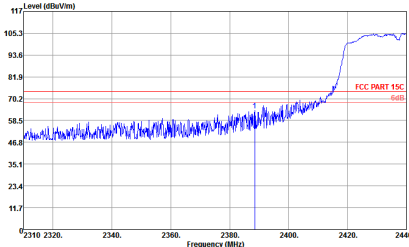
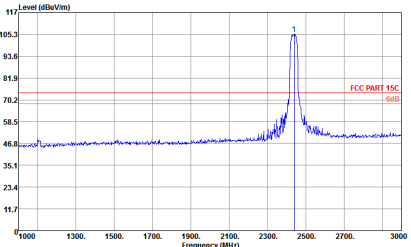
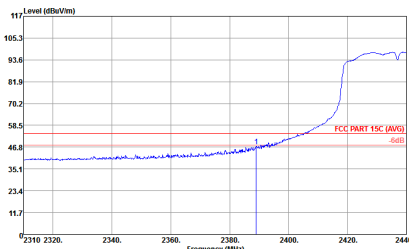
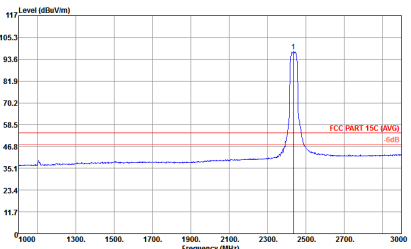


| WIFI        | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |        |             |             |             |        |       |             |             |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|-------------|-------------|-------------|--------|-------|-------------|-------------|------------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|-------------|--------|-------|-------|--------|-------|------|-------|-----|-------------|------------|
| ANT         | 802.11ac VH40 CH06 2437MHz - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |        |             |             |             |        |       |             |             |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
| 1+2         | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |        |             |             | Fundamental |        |       |             |             |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
| Peak        | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>RBW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.04</td><td>68.49</td><td>-13.51</td><td>74.00</td><td>65.04</td><td>27.00</td><td>5.47</td><td>37.02</td><td>385</td><td>146 Peak</td><td>HORIZONTAL</td></tr></table></div>           |       |        |             |             |             |        |       |             |             | Freq       | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2389.04 | 68.49 | -13.51 | 74.00 | 65.04 | 27.00 | 5.47 | 37.02 | 385 | 146 Peak    | HORIZONTAL | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>RBW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 * 2440.00</td><td>102.89</td><td>28.89</td><td>74.00</td><td>106.90</td><td>27.39</td><td>5.49</td><td>36.97</td><td>385</td><td>146 Peak</td><td>HORIZONTAL</td></tr></table></div>          |  |  |  |  |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 * 2440.00 | 102.89 | 28.89 | 74.00 | 106.90 | 27.39 | 5.49 | 36.97 | 385 | 146 Peak    | HORIZONTAL |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos       | Remark      | Pol/Phas   |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB    | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg   |             |             |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
| 1           | 2389.04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 68.49 | -13.51 | 74.00       | 65.04       | 27.00       | 5.47   | 37.02 | 385         | 146 Peak    | HORIZONTAL |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Over  | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos | Remark      | Pol/Phas    |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB    | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg   |             |             |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
| 1 * 2440.00 | 102.89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 28.89 | 74.00  | 106.90      | 27.39       | 5.49        | 36.97  | 385   | 146 Peak    | HORIZONTAL  |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
| Avg.        | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>RBW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2388.91</td><td>44.92</td><td>-9.08</td><td>54.00</td><td>49.47</td><td>27.00</td><td>5.47</td><td>37.02</td><td>385</td><td>146 Average</td><td>HORIZONTAL</td></tr></table></div> |       |        |             |             |             |        |       |             |             | Freq       | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2388.91 | 44.92 | -9.08  | 54.00 | 49.47 | 27.00 | 5.47 | 37.02 | 385 | 146 Average | HORIZONTAL | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>RBW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 * 2440.00</td><td>95.02</td><td>41.02</td><td>54.00</td><td>99.11</td><td>27.39</td><td>5.49</td><td>36.97</td><td>385</td><td>146 Average</td><td>HORIZONTAL</td></tr></table></div> |  |  |  |  |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 * 2440.00 | 95.02  | 41.02 | 54.00 | 99.11  | 27.39 | 5.49 | 36.97 | 385 | 146 Average | HORIZONTAL |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos       | Remark      | Pol/Phas   |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB    | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg   |             |             |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
| 1           | 2388.91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 44.92 | -9.08  | 54.00       | 49.47       | 27.00       | 5.47   | 37.02 | 385         | 146 Average | HORIZONTAL |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Over  | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos | Remark      | Pol/Phas    |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB    | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg   |             |             |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |
| 1 * 2440.00 | 95.02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 41.02 | 54.00  | 99.11       | 27.39       | 5.49        | 36.97  | 385   | 146 Average | HORIZONTAL  |            |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |             |        |       |       |        |       |      |       |     |             |            |

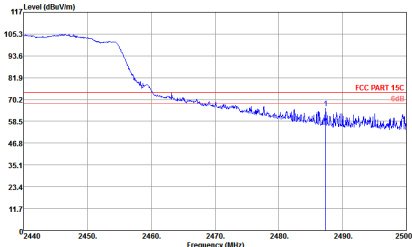
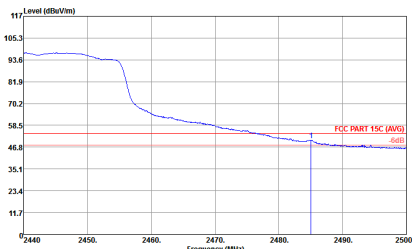


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |        |             |             |             |        |        |        |             |            |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |  |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------------|-------------|-------------|--------|--------|--------|-------------|------------|----------|-----|--------|-------|------|-------|--------|------|--------|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|------------|--|
| ANT  | 802.11ac VH40 CH06 2437MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |        |             |             |             |        |        |        |             |            |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |  |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Fundamental |        |             |             |             |        |        |        |             |            |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |  |
| Peak | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C 3e HF ANT-2015813-91280 HORIZONTAL<br/>RSM:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2484.10</td><td>58.18</td><td>-15.82</td><td>74.00</td><td>61.97</td><td>27.64</td><td>5.51</td><td>36.94</td><td>385</td><td>146 Peak</td><td>HORIZONTAL</td></tr></table></div>           | Freq        | Level  | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phas | MHz | dBuV/m | Limit | Line | Level | Factor | Loss | Factor | cm | deg |  | 1 | 2484.10 | 58.18 | -15.82 | 74.00 | 61.97 | 27.64 | 5.51 | 36.94 | 385 | 146 Peak    | HORIZONTAL |  |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Level       | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos  | Remark      | Pol/Phas   |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |  |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Limit       | Line   | Level       | Factor      | Loss        | Factor | cm     | deg    |             |            |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |  |
| 1    | 2484.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 58.18       | -15.82 | 74.00       | 61.97       | 27.64       | 5.51   | 36.94  | 385    | 146 Peak    | HORIZONTAL |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |  |
| Avg. | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C (AVG) 3e HF ANT-2015813-91280 HORIZONTAL<br/>RSM:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2484.88</td><td>44.54</td><td>-9.46</td><td>54.00</td><td>48.33</td><td>27.64</td><td>5.51</td><td>36.94</td><td>385</td><td>146 Average</td><td>HORIZONTAL</td></tr></table></div> | Freq        | Level  | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phas | MHz | dBuV/m | Limit | Line | Level | Factor | Loss | Factor | cm | deg |  | 1 | 2484.88 | 44.54 | -9.46  | 54.00 | 48.33 | 27.64 | 5.51 | 36.94 | 385 | 146 Average | HORIZONTAL |  |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over        | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas    |            |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |  |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Limit       | Line   | Level       | Factor      | Loss        | Factor | cm     | deg    |             |            |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |  |
| 1    | 2484.88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 44.54       | -9.46  | 54.00       | 48.33       | 27.64       | 5.51   | 36.94  | 385    | 146 Average | HORIZONTAL |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |  |

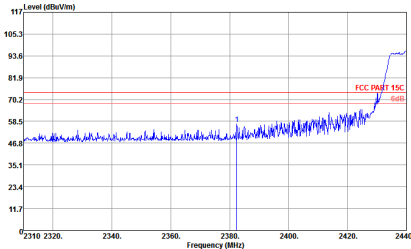
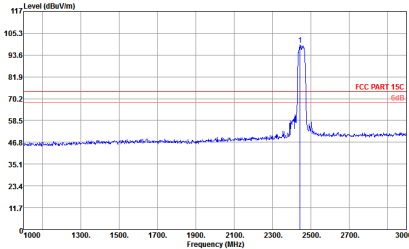
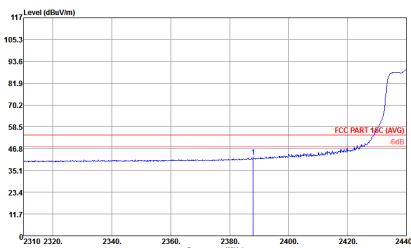
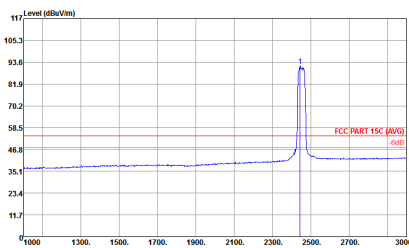


| WIFI |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.4GHz 2400~2483.5MHz Band Edge @ 3m |        |             |             |        |             |       |        |             |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------|-------------|-------------|--------|-------------|-------|--------|-------------|----------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-------------|----------|
| ANT  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 802.11ac VH40 CH06 2437MHz - L       |        |             |             |        |             |       |        |             |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Vertical                             |        |             |             |        | Fundamental |       |        |             |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Peak | <div><p>Site Condition : 83CH83-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2388.52</td><td>64.92</td><td>-9.98</td><td>74.00</td><td>68.57</td><td>27.00</td><td>5.47</td><td>37.02</td><td>312</td><td>154 Peak</td><td>VERTICAL</td></tr></tbody></table></div>            |                                      |        |             |             |        |             |       |        |             | Freq     | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2388.52 | 64.92 | -9.98 | 74.00 | 68.57 | 27.00 | 5.47 | 37.02 | 312 | 154 Peak    | VERTICAL | <div><p>Site Condition : 83CH83-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2448.00</td><td>185.58</td><td>31.58</td><td>74.00</td><td>189.67</td><td>27.39</td><td>5.49</td><td>36.97</td><td>312</td><td>154 Peak</td><td>VERTICAL</td></tr></tbody></table></div>           |  |  |  |  |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2448.00 | 185.58 | 31.58 | 74.00 | 189.67 | 27.39 | 5.49 | 36.97 | 312 | 154 Peak    | VERTICAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Level                                | Over   | Limit       | ReadAntenna | Cable  | Preamp      | A/Pos | T/Pos  | Remark      | Pol/Phas |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dB                                   | dBuV/m | dBuV        | dB/m        | dB     | cm          | deg   |        |             |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2388.52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 64.92                                | -9.98  | 74.00       | 68.57       | 27.00  | 5.47        | 37.02 | 312    | 154 Peak    | VERTICAL |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Over                                 | Limit  | ReadAntenna | Cable       | Preamp | A/Pos       | T/Pos | Remark | Pol/Phas    |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dB                                   | dBuV/m | dBuV        | dB/m        | dB     | cm          | deg   |        |             |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2448.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 185.58                               | 31.58  | 74.00       | 189.67      | 27.39  | 5.49        | 36.97 | 312    | 154 Peak    | VERTICAL |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Avg. | <div><p>Site Condition : 83CH83-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2389.84</td><td>47.37</td><td>-6.63</td><td>54.00</td><td>51.92</td><td>27.00</td><td>5.47</td><td>37.02</td><td>312</td><td>154 Average</td><td>VERTICAL</td></tr></tbody></table></div> |                                      |        |             |             |        |             |       |        |             | Freq     | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2389.84 | 47.37 | -6.63 | 54.00 | 51.92 | 27.00 | 5.47 | 37.02 | 312 | 154 Average | VERTICAL | <div><p>Site Condition : 83CH83-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RSW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2436.00</td><td>97.65</td><td>43.65</td><td>54.00</td><td>181.90</td><td>27.26</td><td>5.48</td><td>36.99</td><td>312</td><td>154 Average</td><td>VERTICAL</td></tr></tbody></table></div> |  |  |  |  |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2436.00 | 97.65  | 43.65 | 54.00 | 181.90 | 27.26 | 5.48 | 36.99 | 312 | 154 Average | VERTICAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Level                                | Over   | Limit       | ReadAntenna | Cable  | Preamp      | A/Pos | T/Pos  | Remark      | Pol/Phas |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dB                                   | dBuV/m | dBuV        | dB/m        | dB     | cm          | deg   |        |             |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2389.84                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 47.37                                | -6.63  | 54.00       | 51.92       | 27.00  | 5.47        | 37.02 | 312    | 154 Average | VERTICAL |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Over                                 | Limit  | ReadAntenna | Cable       | Preamp | A/Pos       | T/Pos | Remark | Pol/Phas    |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dB                                   | dBuV/m | dBuV        | dB/m        | dB     | cm          | deg   |        |             |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2436.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 97.65                                | 43.65  | 54.00       | 181.90      | 27.26  | 5.48        | 36.99 | 312    | 154 Average | VERTICAL |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |

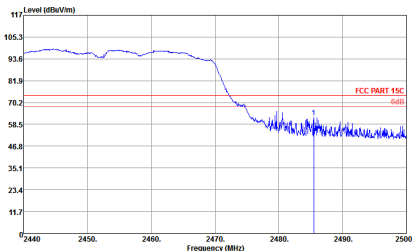
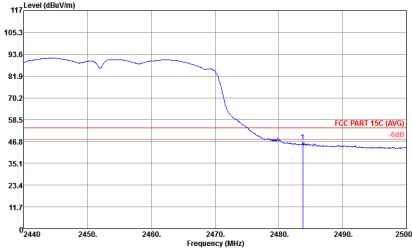


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |       |        |       |             |             |        |       |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|--------|-------|-------------|-------------|--------|-------|-------------|----------|----------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-------------|----------|
| ANT  | 802.11ac VH40 CH06 2437MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |       |        |       |             |             |        |       |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |       |        |       |             | Fundamental |        |       |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |
| Peak | <div><p>Site : 803CH03-K5<br/>Condition : FCC PART 15C 3m HP ANT-2015813-91280 VERTICAL<br/>RBW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2487.34</td><td>65.57</td><td>-8.43</td><td>74.00</td><td>69.36</td><td>27.64</td><td>5.51</td><td>36.94</td><td>312</td><td>154 Peak</td><td>VERTICAL</td></tr></tbody></table></div>            |        |       |        |       |             |             |        |       |             |          |          | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2487.34 | 65.57 | -8.43 | 74.00 | 69.36 | 27.64 | 5.51 | 36.94 | 312 | 154 Peak    | VERTICAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Freq   | Level | Over   | Limit | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos       | Remark   | Pol/Phas |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m | dB    | dBuV/m | dBuV  | dB/m        | dB          | cm     | deg   |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |
| 1    | 2487.34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 65.57  | -8.43 | 74.00  | 69.36 | 27.64       | 5.51        | 36.94  | 312   | 154 Peak    | VERTICAL |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |
| Avg. | <div><p>Site : 803CH03-K5<br/>Condition : FCC PART 15C (AVG) 3m HP ANT-2015813-91280 VERTICAL<br/>RBW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2485.86</td><td>58.62</td><td>-3.38</td><td>54.00</td><td>54.41</td><td>27.64</td><td>5.51</td><td>36.94</td><td>312</td><td>154 Average</td><td>VERTICAL</td></tr></tbody></table></div> |        |       |        |       |             |             |        |       |             |          |          | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2485.86 | 58.62 | -3.38 | 54.00 | 54.41 | 27.64 | 5.51 | 36.94 | 312 | 154 Average | VERTICAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Freq   | Level | Over   | Limit | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos       | Remark   | Pol/Phas |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m | dB    | dBuV/m | dBuV  | dB/m        | dB          | cm     | deg   |             |          |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |
| 1    | 2485.86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 58.62  | -3.38 | 54.00  | 54.41 | 27.64       | 5.51        | 36.94  | 312   | 154 Average | VERTICAL |          |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |          |

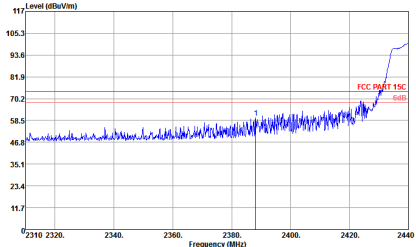
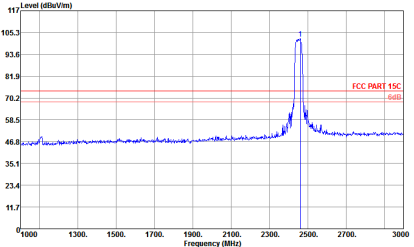
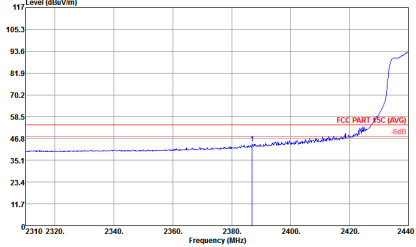
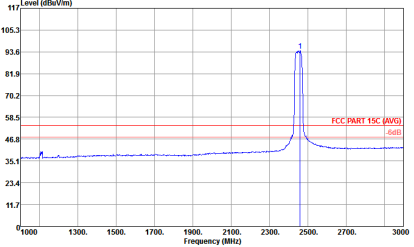


| WIFI        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.4GHz 2400~2483.5MHz Band Edge @ 3m |             |              |              |             |              |          |             |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------|--------------|--------------|-------------|--------------|----------|-------------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|-----------|-------|--------|-------|-------|-------|------|-------|-----|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|-------------|-------|-------|-------|--------|-------|------|-------|-----|-------------|
| ANT         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 802.11ac VH40 CH09 2452MHz - L       |             |              |              |             |              |          |             |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
| 1+2         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Horizontal                           | Fundamental |              |              |             |              |          |             |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
| Peak        | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 2382.41</td><td>56.89</td><td>-17.11</td><td>74.00</td><td>61.51</td><td>26.95</td><td>5.45</td><td>37.02</td><td>279</td><td>187 Peak</td></tr></tbody></table></div>            |                                      | Freq        | Level        | Over Limit   | ReadAntenna | Cable Preamp | A/Pos    | T/Pos       | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 2382.41 | 56.89 | -17.11 | 74.00 | 61.51 | 26.95 | 5.45 | 37.02 | 279 | 187 Peak    | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 * 2444.00</td><td>98.93</td><td>24.93</td><td>74.00</td><td>103.02</td><td>27.39</td><td>5.49</td><td>36.97</td><td>279</td><td>187 Peak</td></tr></tbody></table></div>           | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 * 2444.00 | 98.93 | 24.93 | 74.00 | 103.02 | 27.39 | 5.49 | 36.97 | 279 | 187 Peak    |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Level                                | Over Limit  | ReadAntenna  | Cable Preamp | A/Pos       | T/Pos        | Remark   | Pol/Phas    |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB                                   | dBuV/m      | dBuV         | dB/m         | dB          | cm           | deg      |             |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
| 1 2382.41   | 56.89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -17.11                               | 74.00       | 61.51        | 26.95        | 5.45        | 37.02        | 279      | 187 Peak    |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Over Limit                           | ReadAntenna | Cable Preamp | A/Pos        | T/Pos       | Remark       | Pol/Phas |             |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB                                   | dBuV/m      | dBuV         | dB/m         | dB          | cm           | deg      |             |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
| 1 * 2444.00 | 98.93                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 24.93                                | 74.00       | 103.02       | 27.39        | 5.49        | 36.97        | 279      | 187 Peak    |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
| Avg.        | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 2388.00</td><td>42.52</td><td>-11.48</td><td>54.00</td><td>47.07</td><td>27.00</td><td>5.47</td><td>37.02</td><td>279</td><td>187 Average</td></tr></tbody></table></div> |                                      | Freq        | Level        | Over Limit   | ReadAntenna | Cable Preamp | A/Pos    | T/Pos       | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 2388.00 | 42.52 | -11.48 | 54.00 | 47.07 | 27.00 | 5.47 | 37.02 | 279 | 187 Average | <div><p>Site Condition : 83CH03-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RSW:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 * 2444.00</td><td>91.58</td><td>37.58</td><td>54.00</td><td>95.59</td><td>27.39</td><td>5.49</td><td>36.97</td><td>279</td><td>187 Average</td></tr></tbody></table></div> | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 * 2444.00 | 91.58 | 37.58 | 54.00 | 95.59  | 27.39 | 5.49 | 36.97 | 279 | 187 Average |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Level                                | Over Limit  | ReadAntenna  | Cable Preamp | A/Pos       | T/Pos        | Remark   | Pol/Phas    |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB                                   | dBuV/m      | dBuV         | dB/m         | dB          | cm           | deg      |             |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
| 1 2388.00   | 42.52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -11.48                               | 54.00       | 47.07        | 27.00        | 5.47        | 37.02        | 279      | 187 Average |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Over Limit                           | ReadAntenna | Cable Preamp | A/Pos        | T/Pos       | Remark       | Pol/Phas |             |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB                                   | dBuV/m      | dBuV         | dB/m         | dB          | cm           | deg      |             |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |
| 1 * 2444.00 | 91.58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 37.58                                | 54.00       | 95.59        | 27.39        | 5.49        | 36.97        | 279      | 187 Average |        |          |     |        |    |        |      |      |    |    |     |           |       |        |       |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |            |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |             |       |       |       |        |       |      |       |     |             |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |            |            |                   |             |            |               |       |         |            |          |       |            |            |                   |        |            |               |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|------------|------------|-------------------|-------------|------------|---------------|-------|---------|------------|----------|-------|------------|------------|-------------------|--------|------------|---------------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|---------|------------|
| ANT  | 802.11ac VH40 CH09 2452MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |            |            |                   |             |            |               |       |         |            |          |       |            |            |                   |        |            |               |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |        |            |            |                   | Fundamental |            |               |       |         |            |          |       |            |            |                   |        |            |               |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
| Peak | <div><p>Site : 83CH83-KS<br/>Condition : FCC PART 15C 3m HP ANT-2015813-91280 HORIZONTAL<br/>RSL:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit Line</th><th>ReadAntenna Level</th><th>Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2485.48</td><td>62.27</td><td>-11.73</td><td>74.00</td><td>66.06</td><td>27.64</td><td>5.51</td><td>36.94</td><td>279</td><td>187</td><td>Peak</td><td>HORIZONTAL</td></tr></table></div>           |        |        |            |            |                   |             |            |               |       |         |            | Freq     | Level | Over Limit | Limit Line | ReadAntenna Level | Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  |  | 1 | 2485.48 | 62.27 | -11.73 | 74.00 | 66.06 | 27.64 | 5.51 | 36.94 | 279 | 187 | Peak    | HORIZONTAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Freq   | Level  | Over Limit | Limit Line | ReadAntenna Level | Factor      | Cable Loss | Preamp Factor | A/Pos | T/Pos   | Remark     | Pol/Phas |       |            |            |                   |        |            |               |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m | dB     | dBuV/m     | dBuV       | dB/m              | dB          | dB         | cm            | deg   |         |            |          |       |            |            |                   |        |            |               |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
| 1    | 2485.48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 62.27  | -11.73 | 74.00      | 66.06      | 27.64             | 5.51        | 36.94      | 279           | 187   | Peak    | HORIZONTAL |          |       |            |            |                   |        |            |               |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
| Avg. | <div><p>Site : 83CH83-KS<br/>Condition : FCC PART 15C (AVG) 3m HP ANT-2015813-91280 HORIZONTAL<br/>RSL:1000.000KHz VSW:3.000KHz SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit Line</th><th>ReadAntenna Level</th><th>Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2483.74</td><td>46.46</td><td>-7.54</td><td>54.00</td><td>50.25</td><td>27.64</td><td>5.51</td><td>36.94</td><td>279</td><td>187</td><td>Average</td><td>HORIZONTAL</td></tr></table></div> |        |        |            |            |                   |             |            |               |       |         |            | Freq     | Level | Over Limit | Limit Line | ReadAntenna Level | Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  |  | 1 | 2483.74 | 46.46 | -7.54  | 54.00 | 50.25 | 27.64 | 5.51 | 36.94 | 279 | 187 | Average | HORIZONTAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Freq   | Level  | Over Limit | Limit Line | ReadAntenna Level | Factor      | Cable Loss | Preamp Factor | A/Pos | T/Pos   | Remark     | Pol/Phas |       |            |            |                   |        |            |               |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m | dB     | dBuV/m     | dBuV       | dB/m              | dB          | dB         | cm            | deg   |         |            |          |       |            |            |                   |        |            |               |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |     |         |            |
| 1    | 2483.74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 46.46  | -7.54  | 54.00      | 50.25      | 27.64             | 5.51        | 36.94      | 279           | 187   | Average | HORIZONTAL |          |       |            |            |                   |        |            |               |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |     |         |            |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |             |             |             |        |       |        |                      |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------------|-------------|-------------|--------|-------|--------|----------------------|----------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|-----|---------|--------|-------|-------|--------|-------|------|-------|-----|----------------------|
| ANT  | 802.11ac VH40 CH09 2452MHz - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |        |             |             |             |        |       |        |                      |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |             |             | Fundamental |        |       |        |                      |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
| Peak | <div><p>Site : 80CH03-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2388.13</td><td>59.94</td><td>-14.06</td><td>74.00</td><td>64.49</td><td>27.00</td><td>5.47</td><td>37.02</td><td>342</td><td>154 Peak VERTICAL</td></tr></table></div>        |        |        |             |             |             |        |       |        |                      | Freq     | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2388.13 | 59.94 | -14.06 | 74.00 | 64.49 | 27.00 | 5.47 | 37.02 | 342 | 154 Peak VERTICAL    | <div><p>Site : 80CH03-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 *</td><td>2462.00</td><td>101.97</td><td>27.97</td><td>74.00</td><td>105.92</td><td>27.51</td><td>5.50</td><td>36.96</td><td>342</td><td>154 Peak VERTICAL</td></tr></table></div>       |  |  |  |  |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 * | 2462.00 | 101.97 | 27.97 | 74.00 | 105.92 | 27.51 | 5.50 | 36.96 | 342 | 154 Peak VERTICAL    |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Level  | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos  | Remark               | Pol/Phas |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB     | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg   |        |                      |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
| 1    | 2388.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 59.94  | -14.06 | 74.00       | 64.49       | 27.00       | 5.47   | 37.02 | 342    | 154 Peak VERTICAL    |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Over   | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos | Remark | Pol/Phas             |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB     | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg   |        |                      |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
| 1 *  | 2462.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 101.97 | 27.97  | 74.00       | 105.92      | 27.51       | 5.50   | 36.96 | 342    | 154 Peak VERTICAL    |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
| Avg. | <div><p>Site : 80CH03-KS<br/>Condition : FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>RBW:1000.000KHz VBW:3.000KHz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2386.96</td><td>44.10</td><td>-9.90</td><td>54.00</td><td>48.65</td><td>27.00</td><td>5.47</td><td>37.02</td><td>342</td><td>154 Average VERTICAL</td></tr></table></div> |        |        |             |             |             |        |       |        |                      | Freq     | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2386.96 | 44.10 | -9.90  | 54.00 | 48.65 | 27.00 | 5.47 | 37.02 | 342 | 154 Average VERTICAL | <div><p>Site : 80CH03-KS<br/>Condition : FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>RBW:1000.000KHz VBW:3.000KHz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 *</td><td>2460.00</td><td>94.14</td><td>40.14</td><td>54.00</td><td>98.09</td><td>27.51</td><td>5.50</td><td>36.96</td><td>342</td><td>154 Average VERTICAL</td></tr></table></div> |  |  |  |  |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 * | 2460.00 | 94.14  | 40.14 | 54.00 | 98.09  | 27.51 | 5.50 | 36.96 | 342 | 154 Average VERTICAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Level  | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos  | Remark               | Pol/Phas |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB     | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg   |        |                      |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
| 1    | 2386.96                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 44.10  | -9.90  | 54.00       | 48.65       | 27.00       | 5.47   | 37.02 | 342    | 154 Average VERTICAL |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Over   | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos | Remark | Pol/Phas             |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB     | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg   |        |                      |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |
| 1 *  | 2460.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 94.14  | 40.14  | 54.00       | 98.09       | 27.51       | 5.50   | 36.96 | 342    | 154 Average VERTICAL |          |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |     |         |        |       |       |        |       |      |       |     |                      |

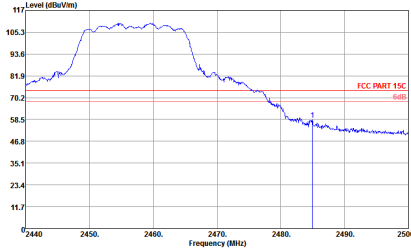
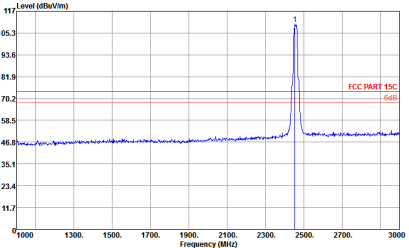
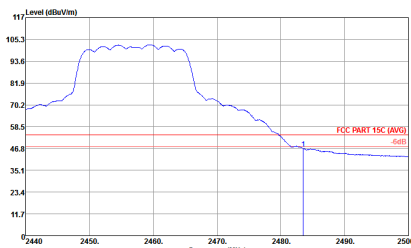
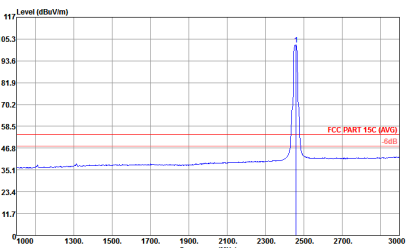


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |       |              |              |              |              |        |          |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |  |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|--------------|--------------|--------------|--------------|--------|----------|-------------|----------|-----|--------|-------|------|--------------|-------------|----|----|-----|--|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-------------|----------|--|
| ANT  | 802.11ac VH40 CH09 2452MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |       |              |              |              |              |        |          |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |  |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fundamental |       |              |              |              |              |        |          |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |  |
| Peak | <div><p>Site : 803CH03-K5<br/>Condition : FCC PART 15C 3m HP ANT-2015813-91280 VERTICAL<br/>: RBW:1000.0000KHz VSW:3.0000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2485.12</td><td>66.18</td><td>-7.82</td><td>74.00</td><td>69.97</td><td>27.64</td><td>5.51</td><td>36.94</td><td>342</td><td>154 Peak</td><td>VERTICAL</td></tr></table></div>          | Freq        | Level | Over         | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark      | Pol/Phas | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  | 1 | 2485.12 | 66.18 | -7.82 | 74.00 | 69.97 | 27.64 | 5.51 | 36.94 | 342 | 154 Peak    | VERTICAL |  |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Level       | Over  | Limit        | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas    |          |     |        |       |      |              |             |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |  |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Limit       | Line  | Level Factor | Loss Factor  | dB           | cm           | deg    |          |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |  |
| 1    | 2485.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 66.18       | -7.82 | 74.00        | 69.97        | 27.64        | 5.51         | 36.94  | 342      | 154 Peak    | VERTICAL |     |        |       |      |              |             |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |  |
| Avg. | <div><p>Site : 803CH03-K5<br/>Condition : FCC PART 15C (AVG) 3m HP ANT-2015813-91280 VERTICAL<br/>: RBW:1000.0000KHz VSW:3.0000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2485.54</td><td>49.90</td><td>-4.10</td><td>54.00</td><td>53.69</td><td>27.64</td><td>5.51</td><td>36.94</td><td>342</td><td>154 Average</td><td>VERTICAL</td></tr></table></div> | Freq        | Level | Over         | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark      | Pol/Phas | MHz | dBuV/m | Limit | Line | Level Factor | Loss Factor | dB | cm | deg |  | 1 | 2485.54 | 49.90 | -4.10 | 54.00 | 53.69 | 27.64 | 5.51 | 36.94 | 342 | 154 Average | VERTICAL |  |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Over        | Limit | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |  |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Limit       | Line  | Level Factor | Loss Factor  | dB           | cm           | deg    |          |             |          |     |        |       |      |              |             |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |  |
| 1    | 2485.54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 49.90       | -4.10 | 54.00        | 53.69        | 27.64        | 5.51         | 36.94  | 342      | 154 Average | VERTICAL |     |        |       |      |              |             |    |    |     |  |   |         |       |       |       |       |       |      |       |     |             |          |  |

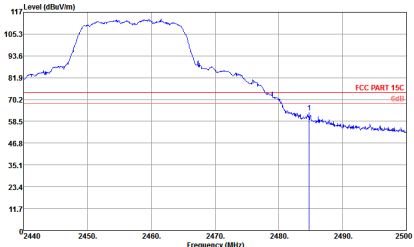
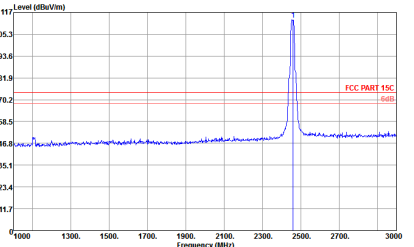
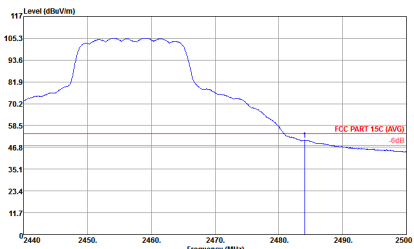
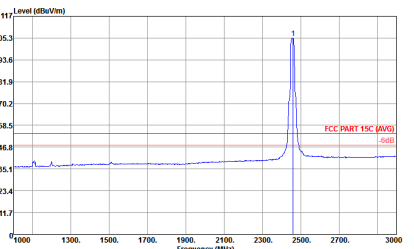


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |        |             |              |              |              |        |          |             |            |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------------|--------------|--------------|--------------|--------|----------|-------------|------------|-----|--------|----|--------|------|------|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|-----|---------|--------|-------|-------|--------|-------|------|-------|-----|-------------|------------|
| ANT  | 802.11g CH10 2457MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |        |             |              |              |              |        |          |             |            |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fundamental |        |             |              |              |              |        |          |             |            |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
| Peak | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2484.94</td><td>58.23</td><td>-15.77</td><td>74.00</td><td>62.62</td><td>27.64</td><td>5.51</td><td>36.94</td><td>323</td><td>187 Peak</td><td>HORIZONTAL</td></tr></table></div>           | Freq        | Level  | Over        | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark      | Pol/Phas   | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 | 2484.94 | 58.23 | -15.77 | 74.00 | 62.62 | 27.64 | 5.51 | 36.94 | 323 | 187 Peak    | HORIZONTAL | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>2454.00</td><td>189.99</td><td>35.99</td><td>74.00</td><td>113.94</td><td>27.51</td><td>5.58</td><td>36.96</td><td>323</td><td>187 Peak</td><td>HORIZONTAL</td></tr></table></div>            | Freq | Level | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 * | 2454.00 | 189.99 | 35.99 | 74.00 | 113.94 | 27.51 | 5.58 | 36.96 | 323 | 187 Peak    | HORIZONTAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Level       | Over   | Limit       | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas    |            |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dB          | dBuV/m | dBuV        | dB/m         | dB           | cm           | deg    |          |             |            |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2484.94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 58.23       | -15.77 | 74.00       | 62.62        | 27.64        | 5.51         | 36.94  | 323      | 187 Peak    | HORIZONTAL |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Over        | Limit  | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |             |            |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dB          | dBuV/m | dBuV        | dB/m         | dB           | cm           | deg    |          |             |            |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
| 1 *  | 2454.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 189.99      | 35.99  | 74.00       | 113.94       | 27.51        | 5.58         | 36.96  | 323      | 187 Peak    | HORIZONTAL |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
| Avg. | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.58</td><td>46.72</td><td>-7.28</td><td>54.00</td><td>58.51</td><td>27.64</td><td>5.51</td><td>36.94</td><td>323</td><td>187 Average</td><td>HORIZONTAL</td></tr></table></div> | Freq        | Level  | Over        | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark      | Pol/Phas   | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 | 2483.58 | 46.72 | -7.28  | 54.00 | 58.51 | 27.64 | 5.51 | 36.94 | 323 | 187 Average | HORIZONTAL | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>2460.00</td><td>182.35</td><td>48.35</td><td>54.00</td><td>186.30</td><td>27.51</td><td>5.58</td><td>36.96</td><td>323</td><td>187 Average</td><td>HORIZONTAL</td></tr></table></div> | Freq | Level | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 * | 2460.00 | 182.35 | 48.35 | 54.00 | 186.30 | 27.51 | 5.58 | 36.96 | 323 | 187 Average | HORIZONTAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Level       | Over   | Limit       | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas    |            |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dB          | dBuV/m | dBuV        | dB/m         | dB           | cm           | deg    |          |             |            |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2483.58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 46.72       | -7.28  | 54.00       | 58.51        | 27.64        | 5.51         | 36.94  | 323      | 187 Average | HORIZONTAL |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Over        | Limit  | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |             |            |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dB          | dBuV/m | dBuV        | dB/m         | dB           | cm           | deg    |          |             |            |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |
| 1 *  | 2460.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 182.35      | 48.35  | 54.00       | 186.30       | 27.51        | 5.58         | 36.96  | 323      | 187 Average | HORIZONTAL |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |             |            |

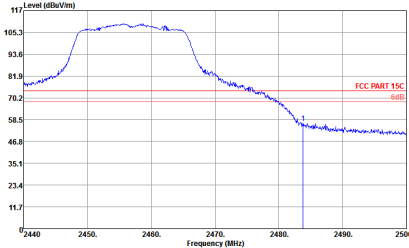
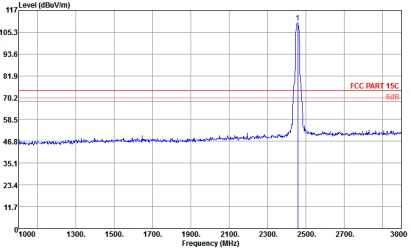
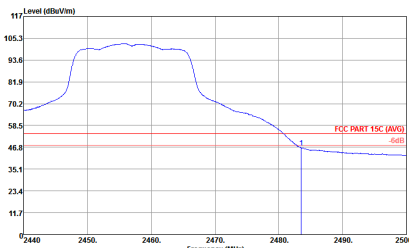
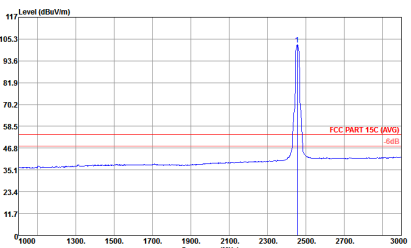


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |        |             |              |              |       |        |          |             |          |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------------|--------------|--------------|-------|--------|----------|-------------|----------|-------|------|-------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|-----|---|---------|---------|--------|-------|-------|-------|-------|-------|-------|----------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|------|-------|-------|-------|-------------|--------------|--------------|-------|--------|----------|----------|--------|--------|--------|--------|------|------|----|----|-----|-----|---|---------|---------|--------|-------|--------|--------|-------|-------|-------|----------|-------------|----------|
| ANT  | 802.11g CH10 2457MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |        |             |              |              |       |        |          |             |          |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |             |              | Fundamental  |       |        |          |             |          |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
| Peak | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RBW:1000.000000Hz VSW:3.000.000000Hz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>NHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2484.76</td><td>63.11</td><td>-10.89</td><td>74.00</td><td>66.90</td><td>27.64</td><td>5.51</td><td>36.94</td><td>349</td><td>156 Peak</td><td>VERTICAL</td></tr></table></div>                  |        |        |             |              |              |       |        |          |             | Freq     | Level | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | NHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |     | 1 | 2484.76 | 63.11   | -10.89 | 74.00 | 66.90 | 27.64 | 5.51  | 36.94 | 349   | 156 Peak | VERTICAL    | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RBW:1000.000000Hz VSW:3.000.000000Hz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>NHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2460.00</td><td>113.19</td><td>39.19</td><td>74.00</td><td>117.14</td><td>27.51</td><td>5.50</td><td>36.96</td><td>349</td><td>156 Peak</td><td>VERTICAL</td></tr></table></div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  | Freq | Level | Over  | Limit | ReadAntenna | Cable Preamp | A/Pos        | T/Pos | Remark | Pol/Phas | NHz      | dBuV/m | dB     | dBuV/m | dBuV   | dB/m | dB   | dB | cm | deg |     | 1 | 2460.00 | 113.19  | 39.19  | 74.00 | 117.14 | 27.51  | 5.50  | 36.96 | 349   | 156 Peak | VERTICAL    |          |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Level  | Over   | Limit       | ReadAntenna  | Cable Preamp | A/Pos | T/Pos  | Remark   | Pol/Phas    |          |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
| NHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB     | dBuV/m | dBuV        | dB/m         | dB           | cm    | deg    |          |             |          |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
| 1    | 2484.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 63.11  | -10.89 | 74.00       | 66.90        | 27.64        | 5.51  | 36.94  | 349      | 156 Peak    | VERTICAL |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over   | Limit  | ReadAntenna | Cable Preamp | A/Pos        | T/Pos | Remark | Pol/Phas |             |          |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
| NHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB     | dBuV/m | dBuV        | dB/m         | dB           | dB    | cm     | deg      |             |          |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
| 1    | 2460.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 113.19 | 39.19  | 74.00       | 117.14       | 27.51        | 5.50  | 36.96  | 349      | 156 Peak    | VERTICAL |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
| Avg. | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RBW:1000.000000Hz VSW:1.000000Hz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>NHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2484.84</td><td>58.69</td><td>-3.31</td><td>54.00</td><td>54.48</td><td>27.64</td><td>5.51</td><td>36.94</td><td>349</td><td>156 Average</td><td>VERTICAL</td></tr></table></div> |        |        |             |              |              |       |        |          |             | Freq     | Level | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | NHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm  | deg |   | 1       | 2484.84 | 58.69  | -3.31 | 54.00 | 54.48 | 27.64 | 5.51  | 36.94 | 349      | 156 Average | VERTICAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 VERTICAL<br/>: RBW:1000.000000Hz VSW:1.000000Hz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>NHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2460.00</td><td>185.39</td><td>51.39</td><td>54.00</td><td>189.34</td><td>27.51</td><td>5.50</td><td>36.96</td><td>349</td><td>156 Average</td><td>VERTICAL</td></tr></table></div> |  |  |  |  |  |  |  |  |      | Freq  | Level | Over  | Limit       | ReadAntenna  | Cable Preamp | A/Pos | T/Pos  | Remark   | Pol/Phas | NHz    | dBuV/m | dB     | dBuV/m | dBuV | dB/m | dB | dB | cm  | deg |   | 1       | 2460.00 | 185.39 | 51.39 | 54.00  | 189.34 | 27.51 | 5.50  | 36.96 | 349      | 156 Average | VERTICAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Level  | Over   | Limit       | ReadAntenna  | Cable Preamp | A/Pos | T/Pos  | Remark   | Pol/Phas    |          |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
| NHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB     | dBuV/m | dBuV        | dB/m         | dB           | dB    | cm     | deg      |             |          |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
| 1    | 2484.84                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 58.69  | -3.31  | 54.00       | 54.48        | 27.64        | 5.51  | 36.94  | 349      | 156 Average | VERTICAL |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over   | Limit  | ReadAntenna | Cable Preamp | A/Pos        | T/Pos | Remark | Pol/Phas |             |          |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
| NHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB     | dBuV/m | dBuV        | dB/m         | dB           | dB    | cm     | deg      |             |          |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |
| 1    | 2460.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 185.39 | 51.39  | 54.00       | 189.34       | 27.51        | 5.50  | 36.96  | 349      | 156 Average | VERTICAL |       |      |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |     |     |   |         |         |        |       |       |       |       |       |       |          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |      |       |       |       |             |              |              |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |       |        |        |       |       |       |          |             |          |

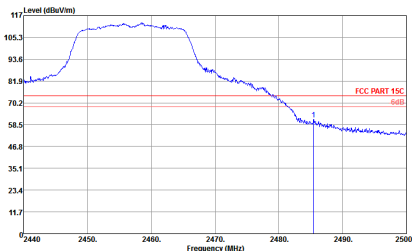
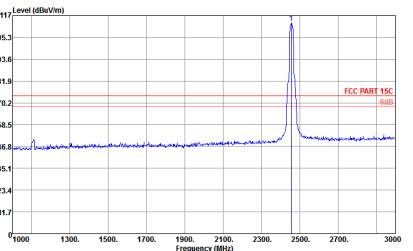
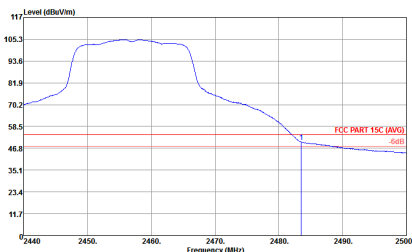
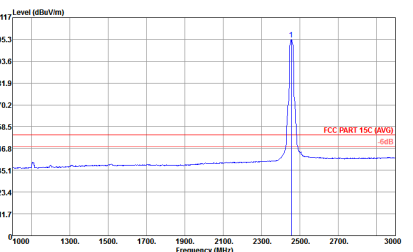


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT20 (Band Edge @ 3m)

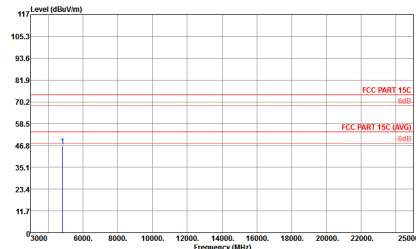
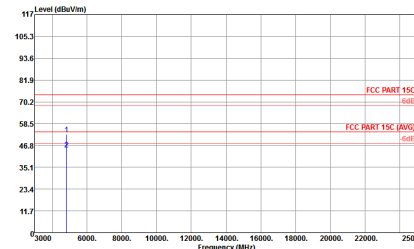
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |            |            |             |              |              |              |        |             |            |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|------------|-------------|--------------|--------------|--------------|--------|-------------|------------|----------|--|-----|--------|----|--------|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|-------|------------|-------|-------------|--------------|-------|-------|--------|----------|--|-----|--------|----|--------|------|----|----|----|-----|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-------------|------------|
| ANT  | 802.11ac VHT20 CH10 2457MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |            |            |             |              |              |              |        |             |            |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1+2  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Fundamental |            |            |             |              |              |              |        |             |            |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| Peak | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.00</td><td>56.71</td><td>-17.29</td><td>74.00</td><td>69.50</td><td>27.64</td><td>5.51</td><td>36.94</td><td>315</td><td>109 Peak</td><td>HORIZONTAL</td></tr></table></div>           |             | Freq       | Level      | Over Limit  | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg |  | 1 | 2483.00 | 56.71 | -17.29 | 74.00 | 69.50 | 27.64 | 5.51 | 36.94 | 315 | 109 Peak    | HORIZONTAL | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2456.00</td><td>110.34</td><td>36.34</td><td>74.00</td><td>114.29</td><td>27.51</td><td>5.50</td><td>36.96</td><td>315</td><td>109 Peak</td><td>HORIZONTAL</td></tr></table></div>            |  | Freq | Level | Over Limit | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg |  | 1 | 2456.00 | 110.34 | 36.34 | 74.00 | 114.29 | 27.51 | 5.50 | 36.96 | 315 | 109 Peak    | HORIZONTAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Freq        | Level      | Over Limit | Limit       | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark      | Pol/Phas   |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m      | dB         | dBuV/m     | dBuV        | dB           | dB           | cm           | deg    |             |            |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2483.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 56.71       | -17.29     | 74.00      | 69.50       | 27.64        | 5.51         | 36.94        | 315    | 109 Peak    | HORIZONTAL |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Level       | Over Limit | Limit      | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas    |            |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m      | dB         | dBuV/m     | dBuV        | dB           | dB           | cm           | deg    |             |            |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2456.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 110.34      | 36.34      | 74.00      | 114.29      | 27.51        | 5.50         | 36.96        | 315    | 109 Peak    | HORIZONTAL |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| Avg. | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.50</td><td>46.53</td><td>-7.47</td><td>54.00</td><td>50.32</td><td>27.64</td><td>5.51</td><td>36.94</td><td>315</td><td>109 Average</td><td>HORIZONTAL</td></tr></table></div> |             | Freq       | Level      | Over Limit  | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg |  | 1 | 2483.50 | 46.53 | -7.47  | 54.00 | 50.32 | 27.64 | 5.51 | 36.94 | 315 | 109 Average | HORIZONTAL | <div><p>Site Condition : 83CH3-KS<br/>: FCC PART 15C (AVG) 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RBW:1000.000KHz VSW:1.000KHz SWT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2456.00</td><td>182.28</td><td>48.28</td><td>54.00</td><td>186.23</td><td>27.51</td><td>5.50</td><td>36.96</td><td>315</td><td>109 Average</td><td>HORIZONTAL</td></tr></table></div> |  | Freq | Level | Over Limit | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg |  | 1 | 2456.00 | 182.28 | 48.28 | 54.00 | 186.23 | 27.51 | 5.50 | 36.96 | 315 | 109 Average | HORIZONTAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Freq        | Level      | Over Limit | Limit       | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark      | Pol/Phas   |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m      | dB         | dBuV/m     | dBuV        | dB           | dB           | cm           | deg    |             |            |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2483.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 46.53       | -7.47      | 54.00      | 50.32       | 27.64        | 5.51         | 36.94        | 315    | 109 Average | HORIZONTAL |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Level       | Over Limit | Limit      | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas    |            |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m      | dB         | dBuV/m     | dBuV        | dB           | dB           | cm           | deg    |             |            |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |
| 1    | 2456.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 182.28      | 48.28      | 54.00      | 186.23      | 27.51        | 5.50         | 36.96        | 315    | 109 Average | HORIZONTAL |          |  |     |        |    |        |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |             |            |



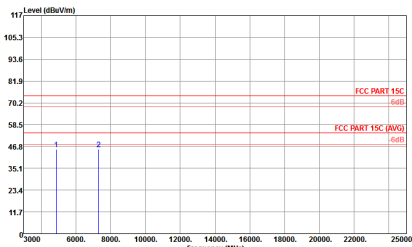
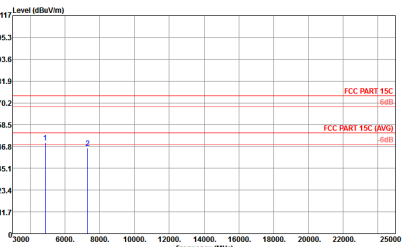
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |        |             |             |             |        |       |        |             |          |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------------|-------------|-------------|--------|-------|--------|-------------|----------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-------------|----------|
| ANT  | 802.11ac VHT20 CH10 2457MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |             |             |             |        |       |        |             |          |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1+2  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |        |             |             | Fundamental |        |       |        |             |          |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Peak | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C 3e HF ANT-2015813-91280 VERTICAL<br/>RSL:1000.000KHz VSW:3.000.000Hz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2485.42</td><td>61.23</td><td>-12.77</td><td>74.00</td><td>65.82</td><td>27.64</td><td>5.51</td><td>36.94</td><td>358</td><td>153 Peak</td><td>VERTICAL</td></tr></table></div>           |        |        |             |             | Freq        | Level  | Over  | Limit  | ReadAntenna | Cable    | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2485.42 | 61.23 | -12.77 | 74.00 | 65.82 | 27.64 | 5.51 | 36.94 | 358 | 153 Peak    | VERTICAL | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C 3e HF ANT-2015813-91280 VERTICAL<br/>RSL:1000.000KHz VSW:3.000.000Hz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2456.00</td><td>112.95</td><td>38.95</td><td>74.00</td><td>116.90</td><td>27.51</td><td>5.50</td><td>36.96</td><td>358</td><td>153 Peak</td><td>VERTICAL</td></tr></table></div>            |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2456.00 | 112.95 | 38.95 | 74.00 | 116.90 | 27.51 | 5.50 | 36.96 | 358 | 153 Peak    | VERTICAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Level  | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos  | Remark      | Pol/Phas |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB     | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg   |        |             |          |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2485.42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 61.23  | -12.77 | 74.00       | 65.82       | 27.64       | 5.51   | 36.94 | 358    | 153 Peak    | VERTICAL |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Over   | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos | Remark | Pol/Phas    |          |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB     | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg   |        |             |          |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2456.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 112.95 | 38.95  | 74.00       | 116.90      | 27.51       | 5.50   | 36.96 | 358    | 153 Peak    | VERTICAL |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Avg. | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C (AVG) 3e HF ANT-2015813-91280 VERTICAL<br/>RSL:1000.000KHz VSW:3.000.000Hz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2483.50</td><td>58.20</td><td>-3.80</td><td>54.00</td><td>53.99</td><td>27.64</td><td>5.51</td><td>36.94</td><td>358</td><td>153 Average</td><td>VERTICAL</td></tr></table></div> |        |        |             |             | Freq        | Level  | Over  | Limit  | ReadAntenna | Cable    | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2483.50 | 58.20 | -3.80  | 54.00 | 53.99 | 27.64 | 5.51 | 36.94 | 358 | 153 Average | VERTICAL | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C (AVG) 3e HF ANT-2015813-91280 VERTICAL<br/>RSL:1000.000KHz VSW:3.000.000Hz SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2456.00</td><td>105.23</td><td>51.23</td><td>54.00</td><td>109.18</td><td>27.51</td><td>5.50</td><td>36.96</td><td>358</td><td>153 Average</td><td>VERTICAL</td></tr></table></div> |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 2456.00 | 105.23 | 51.23 | 54.00 | 109.18 | 27.51 | 5.50 | 36.96 | 358 | 153 Average | VERTICAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Level  | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos | T/Pos  | Remark      | Pol/Phas |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB     | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg   |        |             |          |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2483.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 58.20  | -3.80  | 54.00       | 53.99       | 27.64       | 5.51   | 36.94 | 358    | 153 Average | VERTICAL |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Over   | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos | Remark | Pol/Phas    |          |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB     | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg   |        |             |          |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2456.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 105.23 | 51.23  | 54.00       | 109.18      | 27.51       | 5.50   | 36.96 | 358    | 153 Average | VERTICAL |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |



2.4GHz 2400~2483.5MHz  
WIFI 802.11b (Harmonic @ 3m)

| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |        |             |             |        |          |       |        |             |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |       |       |       |       |      |       |     |             |          |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|-------------|-------------|--------|----------|-------|--------|-------------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|----------|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-------------|----------|
| ANT              | 802.11b CH01 2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |        |             |             |        |          |       |        |             |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |       |       |       |       |      |       |     |             |          |
| 1+2              | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |        |             |             |        | Vertical |       |        |             |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |       |       |       |       |      |       |     |             |          |
| Peak<br><br>Avg. | <div><p>Site : 83CH03-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>RSSI:1000.00dBmC VSW:3.00dB SWR:0.00dB SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4824.00</td><td>46.71</td><td>-27.29</td><td>74.00</td><td>44.16</td><td>31.51</td><td>7.72</td><td>36.68</td><td>100</td><td>360 Peak</td><td>HORIZONTAL</td></tr></table></div> |       |        |             |             |        | Freq     | Level | Over   | Limit       | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 4824.00 | 46.71 | -27.29 | 74.00 | 44.16 | 31.51 | 7.72 | 36.68 | 100 | 360 Peak | HORIZONTAL | <div><p>Site : 83CH03-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>RSSI:1000.00dBmC VSW:3.00dB SWR:0.00dB SWT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4824.00</td><td>52.96</td><td>-21.04</td><td>74.00</td><td>50.41</td><td>31.51</td><td>7.72</td><td>36.68</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>4824.00</td><td>44.15</td><td>-9.45</td><td>54.00</td><td>42.00</td><td>31.51</td><td>7.72</td><td>36.68</td><td>100</td><td>360 Average</td><td>VERTICAL</td></tr></table></div> |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 4824.00 | 52.96 | -21.04 | 74.00 | 50.41 | 31.51 | 7.72 | 36.68 | 100 | 360 Peak | VERTICAL | 2 | 4824.00 | 44.15 | -9.45 | 54.00 | 42.00 | 31.51 | 7.72 | 36.68 | 100 | 360 Average | VERTICAL |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Level | Over   | Limit       | ReadAntenna | Cable  | Preamp   | A/Pos | T/Pos  | Remark      | Pol/Phas    |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |       |       |       |       |      |       |     |             |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dB    | dBuV/m | dBuV        | dB/m        | dB     | cm       | deg   |        |             |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |       |       |       |       |      |       |     |             |          |
| 1                | 4824.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 46.71 | -27.29 | 74.00       | 44.16       | 31.51  | 7.72     | 36.68 | 100    | 360 Peak    | HORIZONTAL  |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |       |       |       |       |      |       |     |             |          |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Over  | Limit  | ReadAntenna | Cable       | Preamp | A/Pos    | T/Pos | Remark | Pol/Phas    |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |       |       |       |       |      |       |     |             |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dB    | dBuV/m | dBuV        | dB/m        | dB     | cm       | deg   |        |             |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |       |       |       |       |      |       |     |             |          |
| 1                | 4824.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 52.96 | -21.04 | 74.00       | 50.41       | 31.51  | 7.72     | 36.68 | 100    | 360 Peak    | VERTICAL    |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |       |       |       |       |      |       |     |             |          |
| 2                | 4824.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 44.15 | -9.45  | 54.00       | 42.00       | 31.51  | 7.72     | 36.68 | 100    | 360 Average | VERTICAL    |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |       |       |       |       |      |       |     |             |          |



| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |        |             |       |                                                                                                                               |       |       |        |                     |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|-------------|-------|-------------------------------------------------------------------------------------------------------------------------------|-------|-------|--------|---------------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|---------------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|
| ANT              | 802.11b CH06 2437MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |        |             |       |                                                                                                                               |       |       |        |                     |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |
| 1+2              | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |        |             |       | Vertical                                                                                                                      |       |       |        |                     |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |
| Peak<br><br>Avg. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |        |             |       |                                             |       |       |        |                     |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |
|                  | Site : 83CH3-KS<br>Condition : FCC PART 15C 3e HF ANT-2013813-91280 HORIZONTAL<br>RSSI:100W, ANISOT: VSW:300W, ANISOT: SWT:Auto                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |        |             |       | Site : 83CH3-KS<br>Condition : FCC PART 15C 3e HF ANT-2013813-91280 VERTICAL<br>RSSI:100W, ANISOT: VSW:300W, ANISOT: SWT:Auto |       |       |        |                     |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |
|                  | <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>4372.00</td><td>45.24</td><td>-28.76</td><td>74.00</td><td>42.25</td><td>31.09</td><td>7.76</td><td>36.66</td><td>100</td><td>360 Peak HORIZONTAL</td></tr><tr><td>2</td><td>7388.00</td><td>45.42</td><td>-28.58</td><td>74.00</td><td>38.32</td><td>34.83</td><td>9.76</td><td>36.69</td><td>100</td><td>360 Peak HORIZONTAL</td></tr></tbody></table> |       |        |             |       | Freq                                                                                                                          | Level | Over  | Limit  | ReadAntenna         | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg |  |  | 1 | 4372.00 | 45.24 | -28.76 | 74.00 | 42.25 | 31.09 | 7.76 | 36.66 | 100 | 360 Peak HORIZONTAL | 2 | 7388.00 | 45.42 | -28.58 | 74.00 | 38.32 | 34.83 | 9.76 | 36.69 | 100 | 360 Peak HORIZONTAL | <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>4372.00</td><td>49.41</td><td>-24.99</td><td>74.00</td><td>46.32</td><td>33.59</td><td>7.76</td><td>36.66</td><td>100</td><td>360 Peak VERTICAL</td></tr><tr><td>2</td><td>7388.00</td><td>49.98</td><td>-25.18</td><td>74.00</td><td>38.80</td><td>34.83</td><td>9.76</td><td>36.69</td><td>100</td><td>360 Peak VERTICAL</td></tr></tbody></table> |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg |  |  | 1 | 4372.00 | 49.41 | -24.99 | 74.00 | 46.32 | 33.59 | 7.76 | 36.66 | 100 | 360 Peak VERTICAL | 2 | 7388.00 | 49.98 | -25.18 | 74.00 | 38.80 | 34.83 | 9.76 | 36.69 | 100 |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Over  | Limit  | ReadAntenna | Cable | Preamp                                                                                                                        | A/Pos | T/Pos | Remark | Pol/Phas            |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dB    | dBuV/m | dBuV        | dB    | dB                                                                                                                            | cm    | deg   |        |                     |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |
| 1                | 4372.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 45.24 | -28.76 | 74.00       | 42.25 | 31.09                                                                                                                         | 7.76  | 36.66 | 100    | 360 Peak HORIZONTAL |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |
| 2                | 7388.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 45.42 | -28.58 | 74.00       | 38.32 | 34.83                                                                                                                         | 9.76  | 36.69 | 100    | 360 Peak HORIZONTAL |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Over  | Limit  | ReadAntenna | Cable | Preamp                                                                                                                        | A/Pos | T/Pos | Remark | Pol/Phas            |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dB    | dBuV/m | dBuV        | dB    | dB                                                                                                                            | cm    | deg   |        |                     |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |
| 1                | 4372.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 49.41 | -24.99 | 74.00       | 46.32 | 33.59                                                                                                                         | 7.76  | 36.66 | 100    | 360 Peak VERTICAL   |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |
| 2                | 7388.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 49.98 | -25.18 | 74.00       | 38.80 | 34.83                                                                                                                         | 9.76  | 36.69 | 100    | 360 Peak VERTICAL   |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |

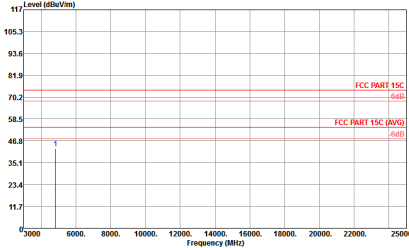
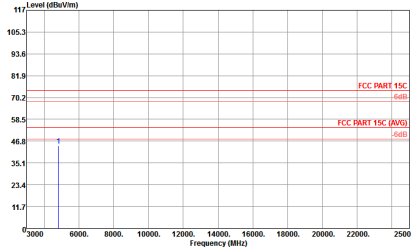


| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |            |             |              |              |              |        |          |                     |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |                   |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|-------------|--------------|--------------|--------------|--------|----------|---------------------|----------|--|-----|--------|----|--------|------|------|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|---------------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|-------|------------|-------------|--------------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------------|
| ANT              | 802.11b CH11 2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |            |             |              |              |              |        |          |                     |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |                   |
| 1+2              | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Vertical |            |             |              |              |              |        |          |                     |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |                   |
| Peak<br><br>Avg. | <div><p>Site : 83CHB3-KS<br/>Condition : FCC PART 15C 3m RF ANT-2015813-912M0 HORIZONTAL<br/>RES:1000.000KHz VSW:3.000.000Hz SMT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4936.00</td><td>45.87</td><td>-28.03</td><td>74.00</td><td>42.25</td><td>31.67</td><td>7.00</td><td>36.65</td><td>100</td><td>360 Peak HORIZONTAL</td></tr><tr><td>2</td><td>7386.00</td><td>45.16</td><td>-28.84</td><td>74.00</td><td>37.79</td><td>34.29</td><td>9.86</td><td>36.78</td><td>100</td><td>360 Peak HORIZONTAL</td></tr></table></div> |          | Freq       | Level       | Over Limit   | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark              | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 | 4936.00 | 45.87 | -28.03 | 74.00 | 42.25 | 31.67 | 7.00 | 36.65 | 100 | 360 Peak HORIZONTAL | 2 | 7386.00 | 45.16 | -28.84 | 74.00 | 37.79 | 34.29 | 9.86 | 36.78 | 100 | 360 Peak HORIZONTAL | <div><p>Site : 83CHB3-KS<br/>Condition : FCC PART 15C 3m RF ANT-2015813-912M0 VERTICAL<br/>RES:1000.000KHz VSW:3.000.000Hz SMT:Auto</p><table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4936.00</td><td>47.61</td><td>-26.30</td><td>74.00</td><td>44.79</td><td>31.67</td><td>7.00</td><td>36.65</td><td>100</td><td>360 Peak VERTICAL</td></tr><tr><td>2</td><td>7386.00</td><td>45.46</td><td>-28.54</td><td>74.00</td><td>38.89</td><td>34.29</td><td>9.86</td><td>36.78</td><td>100</td><td>360 Peak VERTICAL</td></tr></table></div> |  | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg | 1 | 4936.00 | 47.61 | -26.30 | 74.00 | 44.79 | 31.67 | 7.00 | 36.65 | 100 | 360 Peak VERTICAL | 2 | 7386.00 | 45.46 | -28.54 | 74.00 | 38.89 | 34.29 | 9.86 | 36.78 | 100 | 360 Peak VERTICAL |
|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Freq     | Level      | Over Limit  | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas            |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |                   |
|                  | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m   | dB         | dBuV/m      | dBuV         | dB/m         | dB           | cm     | deg      |                     |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |                   |
| 1                | 4936.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 45.87    | -28.03     | 74.00       | 42.25        | 31.67        | 7.00         | 36.65  | 100      | 360 Peak HORIZONTAL |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |                   |
| 2                | 7386.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 45.16    | -28.84     | 74.00       | 37.79        | 34.29        | 9.86         | 36.78  | 100      | 360 Peak HORIZONTAL |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |                   |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Level    | Over Limit | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |                     |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |                   |
|                  | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m   | dB         | dBuV/m      | dBuV         | dB/m         | dB           | cm     | deg      |                     |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |                   |
| 1                | 4936.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 47.61    | -26.30     | 74.00       | 44.79        | 31.67        | 7.00         | 36.65  | 100      | 360 Peak VERTICAL   |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |                   |
| 2                | 7386.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 45.46    | -28.54     | 74.00       | 38.89        | 34.29        | 9.86         | 36.78  | 100      | 360 Peak VERTICAL   |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                     |   |         |       |        |       |       |       |      |       |     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |      |       |            |             |              |       |       |        |          |  |     |        |    |        |      |      |    |    |     |   |         |       |        |       |       |       |      |       |     |                   |   |         |       |        |       |       |       |      |       |     |                   |

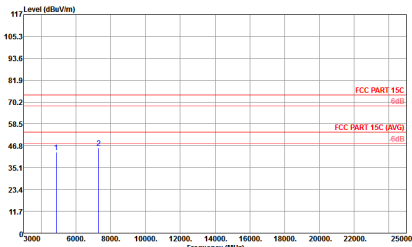
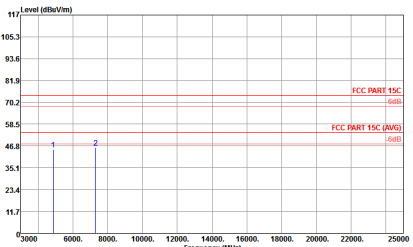


2.4GHz 2400~2483.5MHz

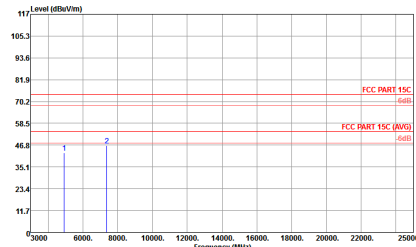
WIFI 802.11g (Harmonic @ 3m)

| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |        |             |             |        |          |       |        |          |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |        |          |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|-------------|-------------|--------|----------|-------|--------|----------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|--------|----------|
| ANT              | 802.11g CH01 2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |        |             |             |        |          |       |        |          |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |        |          |
| 1+2              | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |        |             |             |        | Vertical |       |        |          |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |        |          |
| Peak<br><br>Avg. |  <p>Site<br/>Condition</p> <p>: 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: R8U-1000-000000C VSW:3000-000000C SAT:Auto</p> <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4824.00</td><td>42.00</td><td>-31.40</td><td>74.00</td><td>40.05</td><td>31.51</td><td>7.72</td><td>36.68</td><td>200</td><td>300 Peak</td><td>HORIZONTAL</td></tr></table> |       |        |             |             |        | Freq     | Level | Over   | Limit    | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 4824.00 | 42.00 | -31.40 | 74.00 | 40.05 | 31.51 | 7.72 | 36.68 | 200 | 300 Peak | HORIZONTAL |  <p>Site<br/>Condition</p> <p>: 83CH03-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: R8U-1000-000000C VSW:3000-000000C SAT:Auto</p> <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4824.00</td><td>44.19</td><td>-29.81</td><td>74.00</td><td>41.04</td><td>31.51</td><td>7.72</td><td>36.68</td><td>200</td><td>0 Peak</td><td>VERTICAL</td></tr></table> |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 4824.00 | 44.19 | -29.81 | 74.00 | 41.04 | 31.51 | 7.72 | 36.68 | 200 | 0 Peak | VERTICAL |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level | Over   | Limit       | ReadAntenna | Cable  | Preamp   | A/Pos | T/Pos  | Remark   | Pol/Phas    |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |        |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB    | dBuV/m | dBuV        | dB/m        | dB     | cm       | deg   |        |          |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |        |          |
| 1                | 4824.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 42.00 | -31.40 | 74.00       | 40.05       | 31.51  | 7.72     | 36.68 | 200    | 300 Peak | HORIZONTAL  |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |        |          |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Over  | Limit  | ReadAntenna | Cable       | Preamp | A/Pos    | T/Pos | Remark | Pol/Phas |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |        |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB    | dBuV/m | dBuV        | dB/m        | dB     | cm       | deg   |        |          |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |        |          |
| 1                | 4824.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 44.19 | -29.81 | 74.00       | 41.04       | 31.51  | 7.72     | 36.68 | 200    | 0 Peak   | VERTICAL    |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |        |          |



| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |             |              |              |       |          |          |            |             |              |            |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|--------------|--------------|-------|----------|----------|------------|-------------|--------------|------------|-------|--------|----------|-----|--------|----|--------|------|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|------|-------|------------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|----------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|----------|
| ANT              | 802.11g CH06 2437MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |             |              |              |       |          |          |            |             |              |            |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 1+2              | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |             |              |              |       | Vertical |          |            |             |              |            |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| Peak<br><br>Avg. | <div><p>Site : 83CHB3-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>RES:100Hz,8000Hz VSW:3000,8000Hz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>4872.00</td><td>43.37</td><td>-38.63</td><td>74.00</td><td>46.68</td><td>33.59</td><td>7.76</td><td>36.66</td><td>200</td><td>360</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7311.00</td><td>45.70</td><td>-28.30</td><td>74.00</td><td>38.69</td><td>34.83</td><td>9.76</td><td>36.69</td><td>200</td><td>360</td><td>Peak</td><td>HORIZONTAL</td></tr></table></div> |            |             |              |              |       | Freq     | Level    | Over Limit | ReadAntenna | Cable Preamp | A/Pos      | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | cm | deg |  | 1 | 4872.00 | 43.37 | -38.63 | 74.00 | 46.68 | 33.59 | 7.76 | 36.66 | 200 | 360 | Peak | HORIZONTAL | 2 | 7311.00 | 45.70 | -28.30 | 74.00 | 38.69 | 34.83 | 9.76 | 36.69 | 200 | 360 | Peak | HORIZONTAL | <div><p>Site : 83CHB3-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>RES:100Hz,8000Hz VSW:3000,8000Hz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>4872.00</td><td>44.92</td><td>-29.08</td><td>74.00</td><td>42.23</td><td>33.59</td><td>7.76</td><td>36.66</td><td>200</td><td>360</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7311.00</td><td>45.94</td><td>-28.06</td><td>74.00</td><td>38.84</td><td>34.83</td><td>9.76</td><td>36.69</td><td>200</td><td>360</td><td>Peak</td><td>VERTICAL</td></tr></table></div> |  |  |  |  |  | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | cm | deg |  | 1 | 4872.00 | 44.92 | -29.08 | 74.00 | 42.23 | 33.59 | 7.76 | 36.66 | 200 | 360 | Peak | VERTICAL | 2 | 7311.00 | 45.94 | -28.06 | 74.00 | 38.84 | 34.83 | 9.76 | 36.69 | 200 | 360 | Peak | VERTICAL |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Level      | Over Limit  | ReadAntenna  | Cable Preamp | A/Pos | T/Pos    | Remark   | Pol/Phas   |             |              |            |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dB         | dBuV/m      | dBuV         | dB           | cm    | deg      |          |            |             |              |            |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 1                | 4872.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 43.37      | -38.63      | 74.00        | 46.68        | 33.59 | 7.76     | 36.66    | 200        | 360         | Peak         | HORIZONTAL |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 2                | 7311.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 45.70      | -28.30      | 74.00        | 38.69        | 34.83 | 9.76     | 36.69    | 200        | 360         | Peak         | HORIZONTAL |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Over Limit | ReadAntenna | Cable Preamp | A/Pos        | T/Pos | Remark   | Pol/Phas |            |             |              |            |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dB         | dBuV/m      | dBuV         | dB           | cm    | deg      |          |            |             |              |            |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 1                | 4872.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 44.92      | -29.08      | 74.00        | 42.23        | 33.59 | 7.76     | 36.66    | 200        | 360         | Peak         | VERTICAL   |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 2                | 7311.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 45.94      | -28.06      | 74.00        | 38.84        | 34.83 | 9.76     | 36.69    | 200        | 360         | Peak         | VERTICAL   |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |

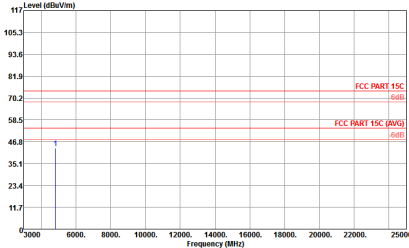
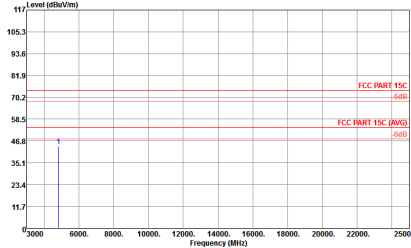


| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |        |            |             |       |                                                                                                                           |       |       |        |            |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|------------|-------------|-------|---------------------------------------------------------------------------------------------------------------------------|-------|-------|--------|------------|-------------|-------|--------|-------|-------|--------|----------|--|-----|------------|----|------------|-----|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|--------|------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|--------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|--|-----|------------|----|------------|-----|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|--------|----------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|--------|
| ANT              | 802.11g CH11 2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |        |            |             |       |                                                                                                                           |       |       |        |            |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| 1+2              | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |        |            |             |       | Vertical                                                                                                                  |       |       |        |            |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| Peak<br><br>Avg. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |        |            |             |       |                                         |       |       |        |            |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
|                  | Site : 83CH83-KS<br>Condition : FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br>RSSI:1000.000MHz VSU:3000.000Hz SMT:Auto                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |        |            |             |       | Site : 83CH83-KS<br>Condition : FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br>RSSI:1000.000MHz VSU:3000.000Hz SMT:Auto |       |       |        |            |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
|                  | <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dBm</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>4935.00</td><td>42.84</td><td>-31.16</td><td>74.00</td><td>48.83</td><td>31.67</td><td>7.88</td><td>36.65</td><td>200</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7386.00</td><td>46.61</td><td>-27.39</td><td>74.00</td><td>39.24</td><td>34.29</td><td>9.86</td><td>36.78</td><td>200</td><td>0 Peak</td><td>HORIZONTAL</td></tr></tbody></table> |            |        |            |             |       |                                                                                                                           | Freq  | Level | Over   | Limit      | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBm/100MHz | dB | dBm/100MHz | dBm | dB/m | dB | dB | cm | deg |  | 1 | 4935.00 | 42.84 | -31.16 | 74.00 | 48.83 | 31.67 | 7.88 | 36.65 | 200 | 0 Peak | HORIZONTAL | 2 | 7386.00 | 46.61 | -27.39 | 74.00 | 39.24 | 34.29 | 9.86 | 36.78 | 200 | 0 Peak | HORIZONTAL | <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dBm</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>4935.00</td><td>41.59</td><td>-38.41</td><td>74.00</td><td>48.77</td><td>31.67</td><td>7.88</td><td>36.65</td><td>200</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7386.00</td><td>46.75</td><td>-27.25</td><td>74.00</td><td>39.38</td><td>34.29</td><td>9.86</td><td>36.78</td><td>200</td><td>0 Peak</td><td>VERTICAL</td></tr></tbody></table> |  |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBm/100MHz | dB | dBm/100MHz | dBm | dB/m | dB | dB | cm | deg |  | 1 | 4935.00 | 41.59 | -38.41 | 74.00 | 48.77 | 31.67 | 7.88 | 36.65 | 200 | 0 Peak | VERTICAL | 2 | 7386.00 | 46.75 | -27.25 | 74.00 | 39.38 | 34.29 | 9.86 | 36.78 | 200 | 0 Peak |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Level      | Over   | Limit      | ReadAntenna | Cable | Preamp                                                                                                                    | A/Pos | T/Pos | Remark | Pol/Phas   |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
|                  | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | dBm/100MHz | dB     | dBm/100MHz | dBm         | dB/m  | dB                                                                                                                        | dB    | cm    | deg    |            |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| 1                | 4935.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42.84      | -31.16 | 74.00      | 48.83       | 31.67 | 7.88                                                                                                                      | 36.65 | 200   | 0 Peak | HORIZONTAL |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| 2                | 7386.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 46.61      | -27.39 | 74.00      | 39.24       | 34.29 | 9.86                                                                                                                      | 36.78 | 200   | 0 Peak | HORIZONTAL |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Level      | Over   | Limit      | ReadAntenna | Cable | Preamp                                                                                                                    | A/Pos | T/Pos | Remark | Pol/Phas   |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
|                  | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | dBm/100MHz | dB     | dBm/100MHz | dBm         | dB/m  | dB                                                                                                                        | dB    | cm    | deg    |            |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| 1                | 4935.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 41.59      | -38.41 | 74.00      | 48.77       | 31.67 | 7.88                                                                                                                      | 36.65 | 200   | 0 Peak | VERTICAL   |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| 2                | 7386.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 46.75      | -27.25 | 74.00      | 39.38       | 34.29 | 9.86                                                                                                                      | 36.78 | 200   | 0 Peak | VERTICAL   |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |            |    |            |     |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |              |       |       |                                                                                                                               |          |                   |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|--------------|-------|-------|-------------------------------------------------------------------------------------------------------------------------------|----------|-------------------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|--------|----|----|-----|--|---|---------|--------------|-------|-------|-------|------|-------|-----|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|------|-------|------------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|--------|----|----|-----|--|---|---------|--------------|-------|-------|-------|------|-------|-----|
| ANT              | 802.11ac VHT20 CH01 2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |             |              |       |       |                                                                                                                               |          |                   |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |
| 1+2              | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |             |              |       |       | Vertical                                                                                                                      |          |                   |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |
| Peak<br><br>Avg. |                                                                                                                                                                                                                                                                                                                                                                                                                     |              |             |              |       |       |                                             |          |                   |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |
|                  | Site Condition : 83CH03-KS<br>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br>: RES:1000,ANNOYC: VNU:3000,ANNOYC: SMT:Auto                                                                                                                                                                                                                                                                                                                                                                      |              |             |              |       |       | Site Condition : 83CH03-KS<br>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br>: RES:1000,ANNOYC: VNU:3000,ANNOYC: SMT:Auto |          |                   |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |
|                  | <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>4824.00</td><td>43.37 -30.63</td><td>74.00</td><td>40.82</td><td>31.51</td><td>7.72</td><td>36.68</td><td>200</td><td>0 Peak HORIZONTAL</td></tr></tbody></table> |              |             |              |       |       | Freq                                                                                                                          | Level    | Over Limit        | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | cm | deg |  | 1 | 4824.00 | 43.37 -30.63 | 74.00 | 40.82 | 31.51 | 7.72 | 36.68 | 200 | 0 Peak HORIZONTAL | <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>4824.00</td><td>44.16 -29.84</td><td>74.00</td><td>41.61</td><td>31.51</td><td>7.72</td><td>36.68</td><td>200</td><td>368 Peak VERTICAL</td></tr></tbody></table> |  |  |  |  |  | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | cm | deg |  | 1 | 4824.00 | 44.16 -29.84 | 74.00 | 41.61 | 31.51 | 7.72 | 36.68 | 200 |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Over Limit   | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark                                                                                                                        | Pol/Phas |                   |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dB           | dBuV/m      | dBuV/m       | dB    | cm    | deg                                                                                                                           |          |                   |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |
| 1                | 4824.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 43.37 -30.63 | 74.00       | 40.82        | 31.51 | 7.72  | 36.68                                                                                                                         | 200      | 0 Peak HORIZONTAL |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Over Limit   | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark                                                                                                                        | Pol/Phas |                   |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dB           | dBuV/m      | dBuV/m       | dB    | cm    | deg                                                                                                                           |          |                   |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |
| 1                | 4824.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 44.16 -29.84 | 74.00       | 41.61        | 31.51 | 7.72  | 36.68                                                                                                                         | 200      | 368 Peak VERTICAL |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |        |    |    |     |  |   |         |              |       |       |       |      |       |     |



| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |             |              |              |       |          |          |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|--------------|--------------|-------|----------|----------|------------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|-----|--------|------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|--------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|------|-------|------------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|----------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|----------|
| ANT              | 802.11ac VHT20 CH06 2437MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |             |              |              |       |          |          |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 1+2              | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |              |              |       | Vertical |          |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| Peak<br><br>Avg. | <div><p>Site : 83CHB3-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>RES:100Hz,8000Hz VSW:3.00Hz,8000Hz SMT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>4872.00</td><td>42.77</td><td>31.23</td><td>74.00</td><td>46.00</td><td>31.59</td><td>7.76</td><td>36.66</td><td>200</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7311.00</td><td>46.89</td><td>-27.91</td><td>74.00</td><td>38.99</td><td>34.83</td><td>9.76</td><td>36.69</td><td>200</td><td>0 Peak</td><td>HORIZONTAL</td></tr></tbody></table></div> |            |             |              |              |       | Freq     | Level    | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | 1 | 4872.00 | 42.77 | 31.23 | 74.00 | 46.00 | 31.59 | 7.76 | 36.66 | 200 | 0 Peak | HORIZONTAL | 2 | 7311.00 | 46.89 | -27.91 | 74.00 | 38.99 | 34.83 | 9.76 | 36.69 | 200 | 0 Peak | HORIZONTAL | <div><p>Site : 83CHB3-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>RES:100Hz,8000Hz VSW:3.00Hz,8000Hz SMT:Auto</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>4872.00</td><td>44.66</td><td>-29.24</td><td>74.00</td><td>43.97</td><td>33.59</td><td>7.76</td><td>36.66</td><td>200</td><td>360 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7311.00</td><td>46.92</td><td>-27.08</td><td>74.00</td><td>39.82</td><td>34.83</td><td>9.76</td><td>36.69</td><td>200</td><td>360 Peak</td><td>VERTICAL</td></tr></tbody></table></div> |  |  |  |  |  | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | 1 | 4872.00 | 44.66 | -29.24 | 74.00 | 43.97 | 33.59 | 7.76 | 36.66 | 200 | 360 Peak | VERTICAL | 2 | 7311.00 | 46.92 | -27.08 | 74.00 | 39.82 | 34.83 | 9.76 | 36.69 | 200 | 360 Peak | VERTICAL |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Level      | Over Limit  | ReadAntenna  | Cable Preamp | A/Pos | T/Pos    | Remark   | Pol/Phas   |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB         | dBuV/m      | dBuV         | dB           | dB    | cm       | deg      |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 1                | 4872.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 42.77      | 31.23       | 74.00        | 46.00        | 31.59 | 7.76     | 36.66    | 200        | 0 Peak      | HORIZONTAL   |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 2                | 7311.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 46.89      | -27.91      | 74.00        | 38.99        | 34.83 | 9.76     | 36.69    | 200        | 0 Peak      | HORIZONTAL   |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Over Limit | ReadAntenna | Cable Preamp | A/Pos        | T/Pos | Remark   | Pol/Phas |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB         | dBuV/m      | dBuV         | dB           | dB    | cm       | deg      |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 1                | 4872.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 44.66      | -29.24      | 74.00        | 43.97        | 33.59 | 7.76     | 36.66    | 200        | 360 Peak    | VERTICAL     |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 2                | 7311.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 46.92      | -27.08      | 74.00        | 39.82        | 34.83 | 9.76     | 36.69    | 200        | 360 Peak    | VERTICAL     |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |



| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |             |              |       |       |                                                                                                                                          |          |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|--------------|-------|-------|------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|-----|--------|------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|--------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|------|-------|------------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|----------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|
| ANT              | 802.11ac VHT20 CH11 2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |             |              |       |       |                                                                                                                                          |          |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 1+2              | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |              |       |       | Vertical                                                                                                                                 |          |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| Peak<br><br>Avg. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |             |              |       |       |                                                                                                                                          |          |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|                  | <p>Site : 83CH3-KS<br/>Condition : FCC PART 15C 3m HP ANT-2015813-91280 HORIZONTAL<br/>RSSI:1000.00dBm; VSW:3.000; AWR:0.000; SMT:Auto</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |              |       |       | <p>Site : 83CH3-KS<br/>Condition : FCC PART 15C 3m HP ANT-2015813-91280 VERTICAL<br/>RSSI:1000.00dBm; VSW:3.000; AWR:0.000; SMT:Auto</p> |          |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|                  | <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4926.00</td><td>42.78</td><td>31.22</td><td>74.00</td><td>39.00</td><td>31.67</td><td>7.00</td><td>36.65</td><td>200</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7386.00</td><td>46.48</td><td>-27.60</td><td>74.00</td><td>39.03</td><td>34.29</td><td>9.86</td><td>36.78</td><td>200</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table> |            |             |              |       |       | Freq                                                                                                                                     | Level    | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | 1 | 4926.00 | 42.78 | 31.22 | 74.00 | 39.00 | 31.67 | 7.00 | 36.65 | 200 | 0 Peak | HORIZONTAL | 2 | 7386.00 | 46.48 | -27.60 | 74.00 | 39.03 | 34.29 | 9.86 | 36.78 | 200 | 0 Peak | HORIZONTAL | <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4926.00</td><td>45.53</td><td>-28.47</td><td>74.00</td><td>43.71</td><td>31.67</td><td>7.00</td><td>36.65</td><td>200</td><td>360 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7386.00</td><td>45.08</td><td>-28.28</td><td>74.00</td><td>38.43</td><td>34.29</td><td>9.86</td><td>36.78</td><td>200</td><td>360 Peak</td><td>VERTICAL</td></tr></table> |  |  |  |  |  | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | 1 | 4926.00 | 45.53 | -28.47 | 74.00 | 43.71 | 31.67 | 7.00 | 36.65 | 200 | 360 Peak | VERTICAL | 2 | 7386.00 | 45.08 | -28.28 | 74.00 | 38.43 | 34.29 | 9.86 | 36.78 | 200 | 360 Peak |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark                                                                                                                                   | Pol/Phas |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB         | dBuV/m      | dBuV         | dB    | dB    | cm                                                                                                                                       | deg      |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 1                | 4926.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 42.78      | 31.22       | 74.00        | 39.00 | 31.67 | 7.00                                                                                                                                     | 36.65    | 200        | 0 Peak      | HORIZONTAL   |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 2                | 7386.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 46.48      | -27.60      | 74.00        | 39.03 | 34.29 | 9.86                                                                                                                                     | 36.78    | 200        | 0 Peak      | HORIZONTAL   |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark                                                                                                                                   | Pol/Phas |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB         | dBuV/m      | dBuV         | dB    | dB    | cm                                                                                                                                       | deg      |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 1                | 4926.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 45.53      | -28.47      | 74.00        | 43.71 | 31.67 | 7.00                                                                                                                                     | 36.65    | 200        | 360 Peak    | VERTICAL     |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 2                | 7386.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 45.08      | -28.28      | 74.00        | 38.43 | 34.29 | 9.86                                                                                                                                     | 36.78    | 200        | 360 Peak    | VERTICAL     |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |        |             |        |                                                                                                                                       |        |       |        |             |            |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|-------------|--------|---------------------------------------------------------------------------------------------------------------------------------------|--------|-------|--------|-------------|------------|--------|-------|-------|--------|----------|-----|--------|-------|------|-------|--------|------|--------|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|--------|------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|--------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|-------|------|-------|--------|------|--------|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|--------|----------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|--------|
| ANT              | 802.11ac VHT40 CH03 2422MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |        |             |        |                                                                                                                                       |        |       |        |             |            |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| 1+2              | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |        |             |        | Vertical                                                                                                                              |        |       |        |             |            |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| Peak<br><br>Avg. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |        |             |        |                                                                                                                                       |        |       |        |             |            |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
|                  | Site Condition : 83CH03-KS<br>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br>: RMS:1000,ANALOG: VSW:1.000,ENR:0.000000, SATT:Auto                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |        |             |        | Site Condition : 83CH03-KS<br>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br>: RMS:1000,ANALOG: VSW:1.000,ENR:0.000000, SATT:Auto |        |       |        |             |            |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
|                  | <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>4662.00</td><td>42.78</td><td>-33.38</td><td>74.00</td><td>48.13</td><td>31.53</td><td>7.74</td><td>36.68</td><td>200</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7266.00</td><td>46.39</td><td>-27.61</td><td>74.00</td><td>39.40</td><td>33.93</td><td>9.72</td><td>36.68</td><td>200</td><td>0 Peak</td><td>HORIZONTAL</td></tr></tbody></table> |       |        |             |        | Freq                                                                                                                                  | Level  | Over  | Limit  | ReadAntenna | Cable      | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | Limit | Line | Level | Factor | Loss | Factor | cm | deg |  | 1 | 4662.00 | 42.78 | -33.38 | 74.00 | 48.13 | 31.53 | 7.74 | 36.68 | 200 | 0 Peak | HORIZONTAL | 2 | 7266.00 | 46.39 | -27.61 | 74.00 | 39.40 | 33.93 | 9.72 | 36.68 | 200 | 0 Peak | HORIZONTAL | <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>4662.00</td><td>42.46</td><td>-31.54</td><td>74.00</td><td>39.87</td><td>31.53</td><td>7.74</td><td>36.68</td><td>200</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7266.00</td><td>46.16</td><td>-27.64</td><td>74.00</td><td>39.17</td><td>33.93</td><td>9.72</td><td>36.68</td><td>200</td><td>0 Peak</td><td>VERTICAL</td></tr></tbody></table> |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | Limit | Line | Level | Factor | Loss | Factor | cm | deg |  | 1 | 4662.00 | 42.46 | -31.54 | 74.00 | 39.87 | 31.53 | 7.74 | 36.68 | 200 | 0 Peak | VERTICAL | 2 | 7266.00 | 46.16 | -27.64 | 74.00 | 39.17 | 33.93 | 9.72 | 36.68 | 200 | 0 Peak |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Over  | Limit  | ReadAntenna | Cable  | Preamp                                                                                                                                | A/Pos  | T/Pos | Remark | Pol/Phas    |            |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Limit | Line   | Level       | Factor | Loss                                                                                                                                  | Factor | cm    | deg    |             |            |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| 1                | 4662.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42.78 | -33.38 | 74.00       | 48.13  | 31.53                                                                                                                                 | 7.74   | 36.68 | 200    | 0 Peak      | HORIZONTAL |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| 2                | 7266.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.39 | -27.61 | 74.00       | 39.40  | 33.93                                                                                                                                 | 9.72   | 36.68 | 200    | 0 Peak      | HORIZONTAL |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Over  | Limit  | ReadAntenna | Cable  | Preamp                                                                                                                                | A/Pos  | T/Pos | Remark | Pol/Phas    |            |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Limit | Line   | Level       | Factor | Loss                                                                                                                                  | Factor | cm    | deg    |             |            |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| 1                | 4662.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42.46 | -31.54 | 74.00       | 39.87  | 31.53                                                                                                                                 | 7.74   | 36.68 | 200    | 0 Peak      | VERTICAL   |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |
| 2                | 7266.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.16 | -27.64 | 74.00       | 39.17  | 33.93                                                                                                                                 | 9.72   | 36.68 | 200    | 0 Peak      | VERTICAL   |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |     |        |       |      |       |        |      |        |    |     |  |   |         |       |        |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |      |       |     |        |



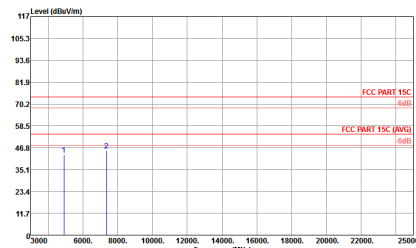
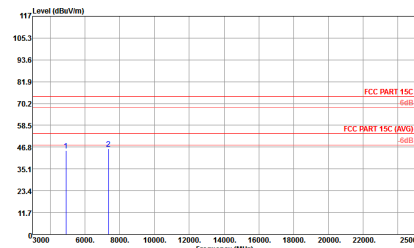
| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |             |              |              |       |          |          |            |             |              |            |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|--------------|--------------|-------|----------|----------|------------|-------------|--------------|------------|-------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-----|------|------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|------|-------|------------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|----------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|----------|
| ANT              | 802.11ac VHT40 CH06 2437MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |             |              |              |       |          |          |            |             |              |            |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 1                | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |             |              |              |       | Vertical |          |            |             |              |            |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| Peak<br><br>Avg. | <div><p>Site : 83CH83-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>RES:100Hz,8000Hz VSW:3.00dB,8000Hz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4372.00</td><td>43.29</td><td>38.71</td><td>74.00</td><td>48.69</td><td>31.59</td><td>7.76</td><td>36.66</td><td>200</td><td>360</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7311.00</td><td>47.83</td><td>-26.97</td><td>74.00</td><td>39.93</td><td>34.83</td><td>9.76</td><td>36.69</td><td>200</td><td>360</td><td>Peak</td><td>HORIZONTAL</td></tr></table></div> |            |             |              |              |       | Freq     | Level    | Over Limit | ReadAntenna | Cable Preamp | A/Pos      | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | 1 | 4372.00 | 43.29 | 38.71 | 74.00 | 48.69 | 31.59 | 7.76 | 36.66 | 200 | 360 | Peak | HORIZONTAL | 2 | 7311.00 | 47.83 | -26.97 | 74.00 | 39.93 | 34.83 | 9.76 | 36.69 | 200 | 360 | Peak | HORIZONTAL | <div><p>Site : 83CH83-KS<br/>Condition : FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>RES:100Hz,8000Hz VSW:3.00dB,8000Hz SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4372.00</td><td>43.31</td><td>-38.69</td><td>74.00</td><td>48.62</td><td>31.59</td><td>7.76</td><td>36.66</td><td>200</td><td>360</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7308.00</td><td>45.98</td><td>-28.10</td><td>74.00</td><td>38.80</td><td>34.83</td><td>9.76</td><td>36.69</td><td>200</td><td>360</td><td>Peak</td><td>VERTICAL</td></tr></table></div> |  |  |  |  |  | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | 1 | 4372.00 | 43.31 | -38.69 | 74.00 | 48.62 | 31.59 | 7.76 | 36.66 | 200 | 360 | Peak | VERTICAL | 2 | 7308.00 | 45.98 | -28.10 | 74.00 | 38.80 | 34.83 | 9.76 | 36.69 | 200 | 360 | Peak | VERTICAL |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Level      | Over Limit  | ReadAntenna  | Cable Preamp | A/Pos | T/Pos    | Remark   | Pol/Phas   |             |              |            |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB         | dBuV/m      | dBuV         | dB           | dB    | cm       | deg      |            |             |              |            |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 1                | 4372.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 43.29      | 38.71       | 74.00        | 48.69        | 31.59 | 7.76     | 36.66    | 200        | 360         | Peak         | HORIZONTAL |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 2                | 7311.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 47.83      | -26.97      | 74.00        | 39.93        | 34.83 | 9.76     | 36.69    | 200        | 360         | Peak         | HORIZONTAL |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over Limit | ReadAntenna | Cable Preamp | A/Pos        | T/Pos | Remark   | Pol/Phas |            |             |              |            |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB         | dBuV/m      | dBuV         | dB           | dB    | cm       | deg      |            |             |              |            |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 1                | 4372.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 43.31      | -38.69      | 74.00        | 48.62        | 31.59 | 7.76     | 36.66    | 200        | 360         | Peak         | VERTICAL   |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 2                | 7308.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 45.98      | -28.10      | 74.00        | 38.80        | 34.83 | 9.76     | 36.69    | 200        | 360         | Peak         | VERTICAL   |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |



| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |             |              |              |              |        |          |          |          |      |            |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|--------------|--------------|--------------|--------|----------|----------|----------|------|------------|----|--------|------|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-----|------|------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|----------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|----------|
| ANT              | 802.11ac VHT40 CH09 2452MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |             |              |              |              |        |          |          |          |      |            |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 1+2              | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Vertical   |             |              |              |              |        |          |          |          |      |            |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| Peak<br><br>Avg. | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C 3e HF ANT-2015813-91280 HORIZONTAL<br/>RES:100Hz,800Hz,FSW:300Hz,800Hz, SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4982.00</td><td>43.82</td><td>38.00</td><td>74.00</td><td>48.25</td><td>33.64</td><td>7.78</td><td>36.65</td><td>200</td><td>360</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7356.00</td><td>46.54</td><td>-27.46</td><td>74.00</td><td>39.28</td><td>34.19</td><td>9.82</td><td>36.75</td><td>200</td><td>360</td><td>Peak</td><td>HORIZONTAL</td></tr></table></div> | Freq       | Level       | Over Limit   | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark   | Pol/Phas | MHz  | dBuV/m     | dB | dBuV/m | dBuV | dB | dB | cm | deg | 1 | 4982.00 | 43.82 | 38.00 | 74.00 | 48.25 | 33.64 | 7.78 | 36.65 | 200 | 360 | Peak | HORIZONTAL | 2 | 7356.00 | 46.54 | -27.46 | 74.00 | 39.28 | 34.19 | 9.82 | 36.75 | 200 | 360 | Peak | HORIZONTAL | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C 3e HF ANT-2015813-91280 VERTICAL<br/>RES:100Hz,800Hz,FSW:300Hz,800Hz, SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4986.00</td><td>43.65</td><td>-38.35</td><td>74.00</td><td>48.30</td><td>33.64</td><td>7.78</td><td>36.65</td><td>200</td><td>360</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7356.00</td><td>45.74</td><td>-28.26</td><td>74.00</td><td>38.48</td><td>34.19</td><td>9.82</td><td>36.75</td><td>200</td><td>360</td><td>Peak</td><td>VERTICAL</td></tr></table></div> | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | 1 | 4986.00 | 43.65 | -38.35 | 74.00 | 48.30 | 33.64 | 7.78 | 36.65 | 200 | 360 | Peak | VERTICAL | 2 | 7356.00 | 45.74 | -28.26 | 74.00 | 38.48 | 34.19 | 9.82 | 36.75 | 200 | 360 | Peak | VERTICAL |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Level      | Over Limit  | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas |          |      |            |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dB         | dBuV/m      | dBuV         | dB           | dB           | cm     | deg      |          |          |      |            |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 1                | 4982.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 43.82      | 38.00       | 74.00        | 48.25        | 33.64        | 7.78   | 36.65    | 200      | 360      | Peak | HORIZONTAL |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 2                | 7356.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 46.54      | -27.46      | 74.00        | 39.28        | 34.19        | 9.82   | 36.75    | 200      | 360      | Peak | HORIZONTAL |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Over Limit | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |          |          |      |            |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dB         | dBuV/m      | dBuV         | dB           | dB           | cm     | deg      |          |          |      |            |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 1                | 4986.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 43.65      | -38.35      | 74.00        | 48.30        | 33.64        | 7.78   | 36.65    | 200      | 360      | Peak | VERTICAL   |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 2                | 7356.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 45.74      | -28.26      | 74.00        | 38.48        | 34.19        | 9.82   | 36.75    | 200      | 360      | Peak | VERTICAL   |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
|                  | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C 3e HF ANT-2015813-91280 HORIZONTAL<br/>RES:100Hz,800Hz,FSW:300Hz,800Hz, SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4982.00</td><td>43.82</td><td>38.00</td><td>74.00</td><td>48.25</td><td>33.64</td><td>7.78</td><td>36.65</td><td>200</td><td>360</td><td>Avg</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7356.00</td><td>46.54</td><td>-27.46</td><td>74.00</td><td>39.28</td><td>34.19</td><td>9.82</td><td>36.75</td><td>200</td><td>360</td><td>Avg</td><td>HORIZONTAL</td></tr></table></div>   | Freq       | Level       | Over Limit   | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark   | Pol/Phas | MHz  | dBuV/m     | dB | dBuV/m | dBuV | dB | dB | cm | deg | 1 | 4982.00 | 43.82 | 38.00 | 74.00 | 48.25 | 33.64 | 7.78 | 36.65 | 200 | 360 | Avg  | HORIZONTAL | 2 | 7356.00 | 46.54 | -27.46 | 74.00 | 39.28 | 34.19 | 9.82 | 36.75 | 200 | 360 | Avg  | HORIZONTAL | <div><p>Site : 83CH3-KS<br/>Condition : FCC PART 15C 3e HF ANT-2015813-91280 VERTICAL<br/>RES:100Hz,800Hz,FSW:300Hz,800Hz, SMT:Auto</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4986.00</td><td>43.65</td><td>-38.35</td><td>74.00</td><td>48.30</td><td>33.64</td><td>7.78</td><td>36.65</td><td>200</td><td>360</td><td>Avg</td><td>VERTICAL</td></tr><tr><td>2</td><td>7356.00</td><td>45.74</td><td>-28.26</td><td>74.00</td><td>38.48</td><td>34.19</td><td>9.82</td><td>36.75</td><td>200</td><td>360</td><td>Avg</td><td>VERTICAL</td></tr></table></div>   | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | cm | deg | 1 | 4986.00 | 43.65 | -38.35 | 74.00 | 48.30 | 33.64 | 7.78 | 36.65 | 200 | 360 | Avg  | VERTICAL | 2 | 7356.00 | 45.74 | -28.26 | 74.00 | 38.48 | 34.19 | 9.82 | 36.75 | 200 | 360 | Avg  | VERTICAL |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Over Limit | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |          |          |      |            |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dB         | dBuV/m      | dBuV         | dB           | dB           | cm     | deg      |          |          |      |            |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 1                | 4982.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 43.82      | 38.00       | 74.00        | 48.25        | 33.64        | 7.78   | 36.65    | 200      | 360      | Avg  | HORIZONTAL |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 2                | 7356.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 46.54      | -27.46      | 74.00        | 39.28        | 34.19        | 9.82   | 36.75    | 200      | 360      | Avg  | HORIZONTAL |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Over Limit | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |          |          |      |            |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dB         | dBuV/m      | dBuV         | dB           | dB           | cm     | deg      |          |          |      |            |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 1                | 4986.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 43.65      | -38.35      | 74.00        | 48.30        | 33.64        | 7.78   | 36.65    | 200      | 360      | Avg  | VERTICAL   |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |
| 2                | 7356.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 45.74      | -28.26      | 74.00        | 38.48        | 34.19        | 9.82   | 36.75    | 200      | 360      | Avg  | VERTICAL   |    |        |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |            |   |         |       |        |       |       |       |      |       |     |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |            |             |              |       |       |        |          |     |        |    |        |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |          |   |         |       |        |       |       |       |      |       |     |     |      |          |



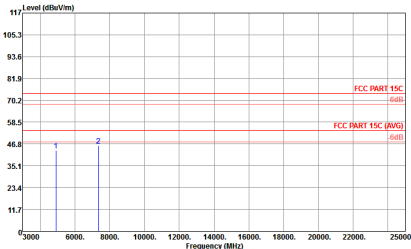
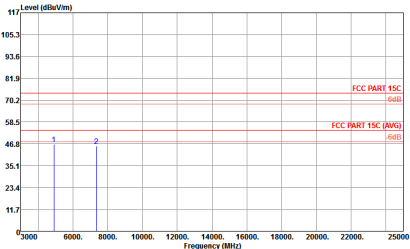
2.4GHz 2400~2483.5MHz  
WIFI 802.11g (Harmonic @ 3m)

| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |        |        |             |       |                                                                                                                              |       |       |          |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|-------------|-------|------------------------------------------------------------------------------------------------------------------------------|-------|-------|----------|------------|-------------|-------|--------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|----------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|
| ANT              | 802.11g CH10 2457MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |        |        |             |       |                                                                                                                              |       |       |          |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 1+2              | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |        |        |             |       | Vertical                                                                                                                     |       |       |          |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| Peak<br><br>Avg. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |        |             |       |                                            |       |       |          |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|                  | Site Condition : 802.11g-ES<br>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br>: RBW:1000.000KHz VSW:3000.000KHz SMT:Auto                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |        |             |       | Site Condition : 802.11g-ES<br>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br>: RBW:1000.000KHz VSW:3000.000KHz SMT:Auto |       |       |          |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|                  | <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>4914.00</td><td>43.85</td><td>-38.95</td><td>74.00</td><td>48.28</td><td>31.64</td><td>7.78</td><td>36.65</td><td>100</td><td>360 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7371.00</td><td>45.48</td><td>-28.09</td><td>74.00</td><td>38.00</td><td>34.24</td><td>9.84</td><td>36.76</td><td>100</td><td>360 Peak</td><td>HORIZONTAL</td></tr></tbody></table> |        |        |        |             |       |                                                                                                                              | Freq  | Level | Over     | Limit      | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 4914.00 | 43.85 | -38.95 | 74.00 | 48.28 | 31.64 | 7.78 | 36.65 | 100 | 360 Peak | HORIZONTAL | 2 | 7371.00 | 45.48 | -28.09 | 74.00 | 38.00 | 34.24 | 9.84 | 36.76 | 100 | 360 Peak | HORIZONTAL | <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>4914.00</td><td>44.91</td><td>-29.09</td><td>74.00</td><td>42.14</td><td>31.64</td><td>7.78</td><td>36.65</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7371.00</td><td>45.83</td><td>-28.17</td><td>74.00</td><td>38.51</td><td>34.24</td><td>9.84</td><td>36.76</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></tbody></table> |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 4914.00 | 44.91 | -29.09 | 74.00 | 42.14 | 31.64 | 7.78 | 36.65 | 100 | 360 Peak | VERTICAL | 2 | 7371.00 | 45.83 | -28.17 | 74.00 | 38.51 | 34.24 | 9.84 | 36.76 | 100 | 360 Peak |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Level  | Over   | Limit  | ReadAntenna | Cable | Preamp                                                                                                                       | A/Pos | T/Pos | Remark   | Pol/Phas   |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|                  | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBuV/m | dB     | dBuV/m | dBuV        | dB/m  | dB                                                                                                                           | cm    | deg   |          |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 1                | 4914.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 43.85  | -38.95 | 74.00  | 48.28       | 31.64 | 7.78                                                                                                                         | 36.65 | 100   | 360 Peak | HORIZONTAL |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 2                | 7371.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 45.48  | -28.09 | 74.00  | 38.00       | 34.24 | 9.84                                                                                                                         | 36.76 | 100   | 360 Peak | HORIZONTAL |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Level  | Over   | Limit  | ReadAntenna | Cable | Preamp                                                                                                                       | A/Pos | T/Pos | Remark   | Pol/Phas   |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|                  | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBuV/m | dB     | dBuV/m | dBuV        | dB/m  | dB                                                                                                                           | cm    | deg   |          |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 1                | 4914.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 44.91  | -29.09 | 74.00  | 42.14       | 31.64 | 7.78                                                                                                                         | 36.65 | 100   | 360 Peak | VERTICAL   |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 2                | 7371.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 45.83  | -28.17 | 74.00  | 38.51       | 34.24 | 9.84                                                                                                                         | 36.76 | 100   | 360 Peak | VERTICAL   |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

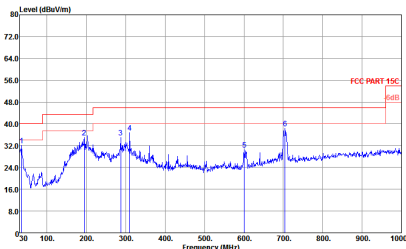
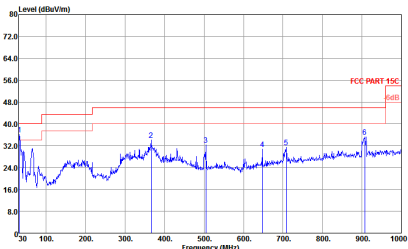
| WIFI             | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |            |             |              |              |          |        |            |          |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-------------|--------------|--------------|----------|--------|------------|----------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|------|-------|------------|-------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|----------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|----------|
| ANT              | 802.11ac VHT20 CH10 2457MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |            |             |              |              |          |        |            |          |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 1+2              | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |            |             |              |              | Vertical |        |            |          |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| Peak<br><br>Avg. |  <p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 HORIZONTAL<br/>: RRU-1000-000000C VDU-3000-000000C SMT Auto</p> <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>4344.00</td><td>43.49</td><td>-38.51</td><td>74.00</td><td>40.72</td><td>31.64</td><td>7.78</td><td>36.65</td><td>100</td><td>360 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7368.00</td><td>45.93</td><td>-28.07</td><td>74.00</td><td>38.03</td><td>34.24</td><td>9.84</td><td>36.76</td><td>100</td><td>360 Peak</td><td>HORIZONTAL</td></tr></tbody></table> |            |            |             |              |              | Freq     | Level  | Over Limit | Limit    | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | 1 | 4344.00 | 43.49 | -38.51 | 74.00 | 40.72 | 31.64 | 7.78 | 36.65 | 100 | 360 Peak | HORIZONTAL | 2 | 7368.00 | 45.93 | -28.07 | 74.00 | 38.03 | 34.24 | 9.84 | 36.76 | 100 | 360 Peak | HORIZONTAL |  <p>Site Condition : 83CH3-KS<br/>: FCC PART 15C 3m HF ANT-2015813-91280 VERTICAL<br/>: RRU-1000-000000C VDU-3000-000000C SMT Auto</p> <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>4344.00</td><td>46.55</td><td>-27.45</td><td>74.00</td><td>43.78</td><td>31.64</td><td>7.78</td><td>36.65</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7368.00</td><td>45.69</td><td>-28.31</td><td>74.00</td><td>38.37</td><td>34.24</td><td>9.84</td><td>36.76</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></tbody></table> |  |  |  |  |  | Freq | Level | Over Limit | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | 1 | 4344.00 | 46.55 | -27.45 | 74.00 | 43.78 | 31.64 | 7.78 | 36.65 | 100 | 360 Peak | VERTICAL | 2 | 7368.00 | 45.69 | -28.31 | 74.00 | 38.37 | 34.24 | 9.84 | 36.76 | 100 | 360 Peak | VERTICAL |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Level      | Over Limit | Limit       | ReadAntenna  | Cable Preamp | A/Pos    | T/Pos  | Remark     | Pol/Phas |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
|                  | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m     | dB         | dBuV/m      | dBuV         | dB/m         | dB       | dB     | cm         | deg      |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 1                | 4344.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 43.49      | -38.51     | 74.00       | 40.72        | 31.64        | 7.78     | 36.65  | 100        | 360 Peak | HORIZONTAL  |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 2                | 7368.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 45.93      | -28.07     | 74.00       | 38.03        | 34.24        | 9.84     | 36.76  | 100        | 360 Peak | HORIZONTAL  |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| Freq             | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Over Limit | Limit      | ReadAntenna | Cable Preamp | A/Pos        | T/Pos    | Remark | Pol/Phas   |          |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| MHz              | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dB         | dBuV/m     | dBuV        | dB/m         | dB           | dB       | cm     | deg        |          |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 1                | 4344.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 46.55      | -27.45     | 74.00       | 43.78        | 31.64        | 7.78     | 36.65  | 100        | 360 Peak | VERTICAL    |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 2                | 7368.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 45.69      | -28.31     | 74.00       | 38.37        | 34.24        | 9.84     | 36.76  | 100        | 360 Peak | VERTICAL    |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |      |       |            |       |             |              |       |       |        |          |     |        |    |        |      |      |    |    |    |     |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |



## 2.4GHz 2400~2483.5MHz

## Emission below 1GHz

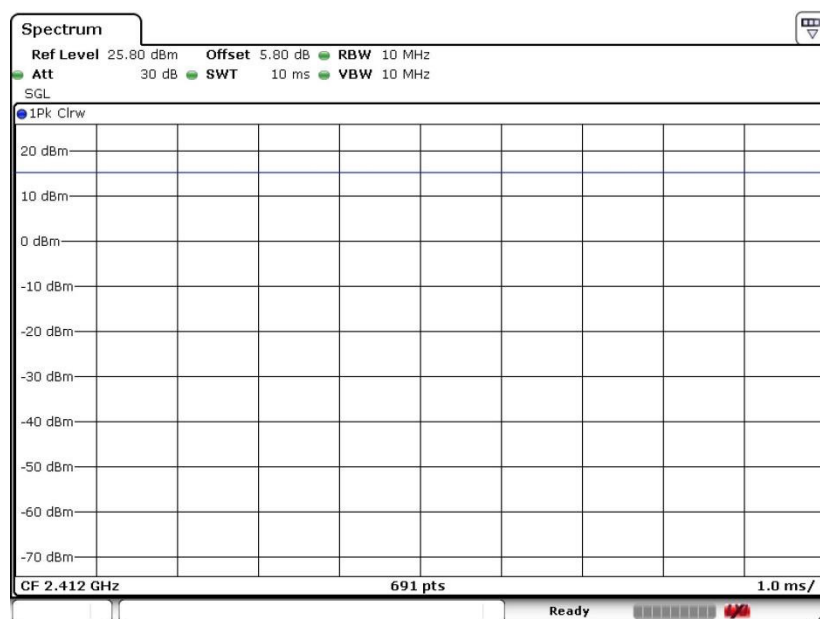
## 2.4GHz WIFI 802.11g (LF)

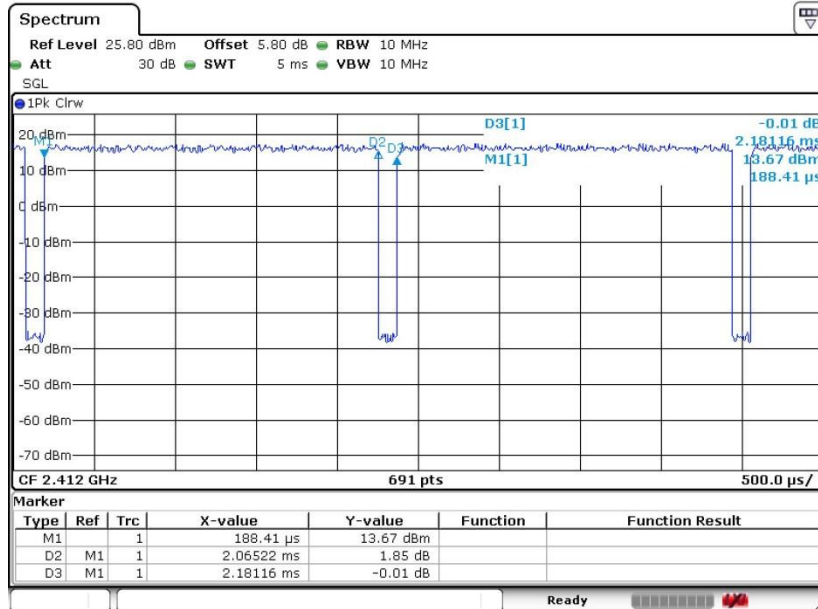
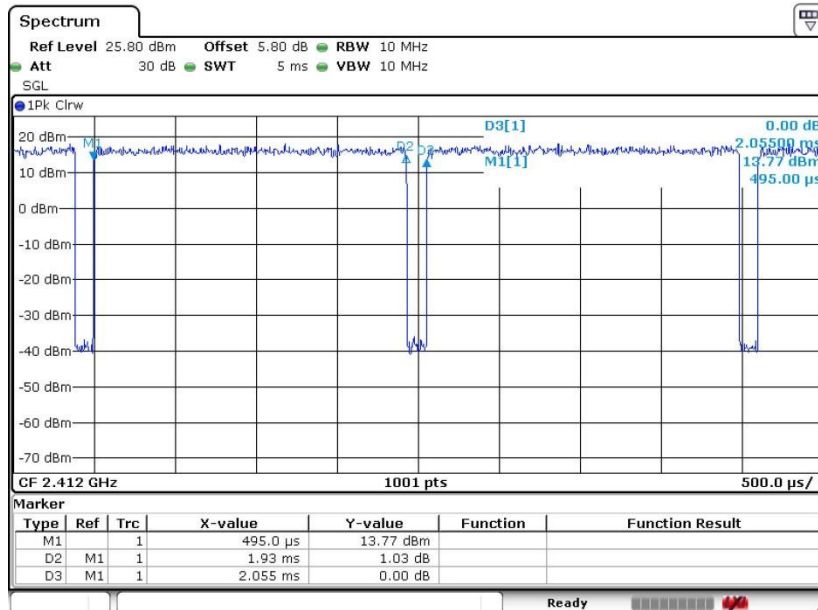
| WIFI         | 2.4GHz 2400~2483.5MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |            |            |             |              |              |              |        |                    |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|------------|-------------|--------------|--------------|--------------|--------|--------------------|----------|----------|--|-----|--------|----|--------|----|----|----|-----|--|--|---|-------|-------|-------|-------|-------|-------|------|-------|-----|-----------------|---|--------|-------|-------|-------|-------|-------|------|-------|-----|-----------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----------------|---|--------|-------|-------|-------|-------|-------|------|-------|-----|-----------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----------------|---|--------|-------|-------|-------|-------|-------|------|-------|-----|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------|------------|-------|-------------|--------------|-------|-------|--------|----------|--|-----|--------|----|--------|----|----|----|-----|--|--|---|-------|-------|-------|-------|-------|-------|------|-------|-----|-------------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|---------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|---------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|---------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|---------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|---------------|
| ANT          | 802.11g LF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |            |            |             |              |              |              |        |                    |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| 1+2          | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Vertical |            |            |             |              |              |              |        |                    |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| QP /<br>Peak | <div><p>Site Condition : 83CH3-KS<br/>Condition : FCC PART 15C 3m LF ANT 608 HORIZONTAL<br/>REU:10m:ANNECZ VDU:10m:ANNECZ SAT:Auto</p><table><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pul/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>34.85</td><td>32.06</td><td>-7.94</td><td>40.00</td><td>27.28</td><td>25.58</td><td>0.73</td><td>31.35</td><td>---</td><td>Peak HORIZONTAL</td></tr><tr><td>2</td><td>194.90</td><td>31.10</td><td>-8.90</td><td>43.50</td><td>42.89</td><td>16.91</td><td>1.70</td><td>31.50</td><td>---</td><td>Peak HORIZONTAL</td></tr><tr><td>3</td><td>287.05</td><td>34.95</td><td>-11.05</td><td>46.00</td><td>45.79</td><td>18.52</td><td>2.85</td><td>31.39</td><td>---</td><td>Peak HORIZONTAL</td></tr><tr><td>4</td><td>389.35</td><td>35.74</td><td>-9.26</td><td>46.00</td><td>46.46</td><td>19.45</td><td>2.17</td><td>31.34</td><td>---</td><td>Peak HORIZONTAL</td></tr><tr><td>5</td><td>681.33</td><td>38.40</td><td>-15.54</td><td>46.00</td><td>34.59</td><td>24.52</td><td>3.87</td><td>31.72</td><td>---</td><td>Peak HORIZONTAL</td></tr><tr><td>6</td><td>786.15</td><td>38.40</td><td>-7.60</td><td>46.00</td><td>39.43</td><td>26.07</td><td>3.35</td><td>31.85</td><td>100</td><td>32 Peak HORIZONTAL</td></tr></table></div> | Peak     | Freq       | Level      | Over Limit  | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos              | Remark   | Pul/Phas |  | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg |  |  | 1 | 34.85 | 32.06 | -7.94 | 40.00 | 27.28 | 25.58 | 0.73 | 31.35 | --- | Peak HORIZONTAL | 2 | 194.90 | 31.10 | -8.90 | 43.50 | 42.89 | 16.91 | 1.70 | 31.50 | --- | Peak HORIZONTAL | 3 | 287.05 | 34.95 | -11.05 | 46.00 | 45.79 | 18.52 | 2.85 | 31.39 | --- | Peak HORIZONTAL | 4 | 389.35 | 35.74 | -9.26 | 46.00 | 46.46 | 19.45 | 2.17 | 31.34 | --- | Peak HORIZONTAL | 5 | 681.33 | 38.40 | -15.54 | 46.00 | 34.59 | 24.52 | 3.87 | 31.72 | --- | Peak HORIZONTAL | 6 | 786.15 | 38.40 | -7.60 | 46.00 | 39.43 | 26.07 | 3.35 | 31.85 | 100 | 32 Peak HORIZONTAL | <div><p>Site Condition : 83CH3-KS<br/>Condition : FCC PART 15C 3m LF ANT 608 VERTICAL<br/>REU:10m:ANNECZ VDU:10m:ANNECZ SAT:Auto</p><table><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pul/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>31.94</td><td>36.82</td><td>-3.98</td><td>40.80</td><td>48.32</td><td>26.52</td><td>0.68</td><td>31.38</td><td>100</td><td>368 Peak VERTICAL</td></tr><tr><td>2</td><td>355.62</td><td>34.83</td><td>-11.97</td><td>46.80</td><td>43.93</td><td>21.98</td><td>2.35</td><td>31.23</td><td>---</td><td>Peak VERTICAL</td></tr><tr><td>3</td><td>584.33</td><td>32.27</td><td>-13.73</td><td>46.00</td><td>37.26</td><td>23.45</td><td>2.81</td><td>31.25</td><td>---</td><td>Peak VERTICAL</td></tr><tr><td>4</td><td>647.89</td><td>38.85</td><td>-15.15</td><td>46.00</td><td>33.54</td><td>25.05</td><td>3.28</td><td>31.14</td><td>---</td><td>Peak VERTICAL</td></tr><tr><td>5</td><td>780.83</td><td>31.37</td><td>-14.63</td><td>46.00</td><td>32.35</td><td>26.72</td><td>3.36</td><td>31.06</td><td>---</td><td>Peak VERTICAL</td></tr><tr><td>6</td><td>980.68</td><td>35.12</td><td>-10.78</td><td>46.00</td><td>33.56</td><td>28.63</td><td>3.87</td><td>30.64</td><td>---</td><td>Peak VERTICAL</td></tr></table></div> | Peak | Freq | Level | Over Limit | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pul/Phas |  | MHz | dBuV/m | dB | dBuV/m | dB | dB | cm | deg |  |  | 1 | 31.94 | 36.82 | -3.98 | 40.80 | 48.32 | 26.52 | 0.68 | 31.38 | 100 | 368 Peak VERTICAL | 2 | 355.62 | 34.83 | -11.97 | 46.80 | 43.93 | 21.98 | 2.35 | 31.23 | --- | Peak VERTICAL | 3 | 584.33 | 32.27 | -13.73 | 46.00 | 37.26 | 23.45 | 2.81 | 31.25 | --- | Peak VERTICAL | 4 | 647.89 | 38.85 | -15.15 | 46.00 | 33.54 | 25.05 | 3.28 | 31.14 | --- | Peak VERTICAL | 5 | 780.83 | 31.37 | -14.63 | 46.00 | 32.35 | 26.72 | 3.36 | 31.06 | --- | Peak VERTICAL | 6 | 980.68 | 35.12 | -10.78 | 46.00 | 33.56 | 28.63 | 3.87 | 30.64 | --- | Peak VERTICAL |
|              | Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Freq     | Level      | Over Limit | Limit       | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark             | Pul/Phas |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
|              | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m   | dB         | dBuV/m     | dB          | dB           | cm           | deg          |        |                    |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| 1            | 34.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 32.06    | -7.94      | 40.00      | 27.28       | 25.58        | 0.73         | 31.35        | ---    | Peak HORIZONTAL    |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| 2            | 194.90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 31.10    | -8.90      | 43.50      | 42.89       | 16.91        | 1.70         | 31.50        | ---    | Peak HORIZONTAL    |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| 3            | 287.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 34.95    | -11.05     | 46.00      | 45.79       | 18.52        | 2.85         | 31.39        | ---    | Peak HORIZONTAL    |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| 4            | 389.35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 35.74    | -9.26      | 46.00      | 46.46       | 19.45        | 2.17         | 31.34        | ---    | Peak HORIZONTAL    |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| 5            | 681.33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 38.40    | -15.54     | 46.00      | 34.59       | 24.52        | 3.87         | 31.72        | ---    | Peak HORIZONTAL    |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| 6            | 786.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 38.40    | -7.60      | 46.00      | 39.43       | 26.07        | 3.35         | 31.85        | 100    | 32 Peak HORIZONTAL |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| Peak         | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Level    | Over Limit | Limit      | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pul/Phas           |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
|              | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m   | dB         | dBuV/m     | dB          | dB           | cm           | deg          |        |                    |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| 1            | 31.94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 36.82    | -3.98      | 40.80      | 48.32       | 26.52        | 0.68         | 31.38        | 100    | 368 Peak VERTICAL  |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| 2            | 355.62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 34.83    | -11.97     | 46.80      | 43.93       | 21.98        | 2.35         | 31.23        | ---    | Peak VERTICAL      |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| 3            | 584.33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 32.27    | -13.73     | 46.00      | 37.26       | 23.45        | 2.81         | 31.25        | ---    | Peak VERTICAL      |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| 4            | 647.89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 38.85    | -15.15     | 46.00      | 33.54       | 25.05        | 3.28         | 31.14        | ---    | Peak VERTICAL      |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| 5            | 780.83                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 31.37    | -14.63     | 46.00      | 32.35       | 26.72        | 3.36         | 31.06        | ---    | Peak VERTICAL      |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |
| 6            | 980.68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 35.12    | -10.78     | 46.00      | 33.56       | 28.63        | 3.87         | 30.64        | ---    | Peak VERTICAL      |          |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                 |   |        |       |        |       |       |       |      |       |     |                 |   |        |       |       |       |       |       |      |       |     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |       |            |       |             |              |       |       |        |          |  |     |        |    |        |    |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |                   |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |   |        |       |        |       |       |       |      |       |     |               |

## Appendix C. Duty Cycle Plots

| Antenna | Band            | Duty Cycle(%) | T(ms) | 1/T(kHz) | VBW Setting |
|---------|-----------------|---------------|-------|----------|-------------|
| 1+2     | 802.11 b        | 100           | -     | -        | 10Hz        |
| 1+2     | 802.11 g        | 94.68         | 2.065 | 0.484    | 1kHz        |
| 1+2     | 802.11 ac VHT20 | 93.92         | 1.930 | 0.518    | 1kHz        |
| 1+2     | 802.11 ac VHT40 | 89.67         | 0.955 | 1.047    | 3kHz        |

### 802.11 b



**802.11 g**

**802.11 ac VHT20**




802.11 ac VHT40

