

## RF MEASUREMENT REPORT

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**FCC ID** : HD5-CK67X1N  
**Applicant** : Honeywell International Inc  
**Application Type** : Certification  
**Product** : Mobile Computer  
**Model No.** : CK67X1N  
**Brand Name** : Honeywell  
**FCC Classification** : 15E 6GHz Dual Client (6CD)  
**FCC Rule Part(s)** : Part 15 Subpart E (Section 15.407)  
**Received Date** : August 5, 2024  
**Test Date** : November 17, 2024~December 11, 2024

**Tested By** : Owen Tsai  
( Owen Tsai )  
**Reviewed By** : Paddy Chen  
( Paddy Chen )  
**Approved By** : Chenz Ker  
( Chenz Ker )



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in KDB789033. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology ( Taiwan ) Co., Ltd.

## Revision History

| Report No.    | Version | Description     | Issue Date | Note |
|---------------|---------|-----------------|------------|------|
| 2408TW0104-U8 | 1.0     | Original Report | 2024-12-31 |      |

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## General Information

|                                 |                                                                            |
|---------------------------------|----------------------------------------------------------------------------|
| <b>Applicant</b>                | Honeywell International Inc                                                |
| <b>Applicant Address</b>        | 9680 Old Bailes Rd. Fort Mill, SC 29707 United States                      |
| <b>Manufacturer</b>             | Honeywell International Inc<br>Honeywell Safety and Productivity Solutions |
| <b>Manufacturer Address</b>     | 9680 Old Bailes Rd. Fort Mill, SC 29707 United States                      |
| <b>Test Site</b>                | MRT Technology (Taiwan) Co., Ltd                                           |
| <b>Test Site Address</b>        | No. 38, Fuxing Second Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C) |
| <b>MRT FCC Registration No.</b> | 291082                                                                     |
| <b>FCC Rule Part(s)</b>         | Part 15.407                                                                |

## Test Facility / Accreditations

1. MRT facility is a FCC registered (Reg. No. 291082) test facility with the site description report on file and is designated by the FCC as an Accredited Test Firm.
2. MRT facility is an IC registered (MRT Reg. No. 21723) test laboratory with the site description on file at Industry Canada.
3. MRT Lab is accredited to ISO 17025 by the Taiwan Accreditation Foundation (TAF Cert. No. 3261) in EMC, Telecommunications and Radio testing for FCC (Designation Number: TW3261), Industry Canada, EU and TELEC Rules.

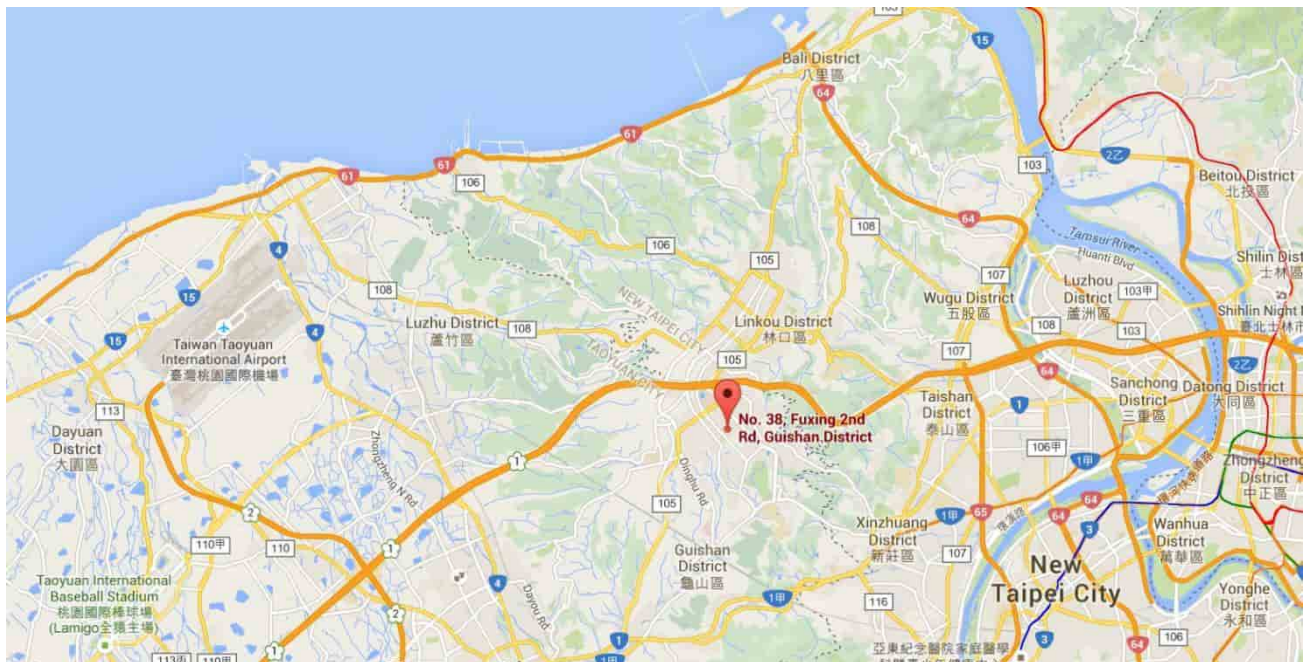
## 1. INTRODUCTION

### 1.1. Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Innovation, Science and Economic Development Canada and Certification and Engineering Bureau.

### 1.2. MRT Test Location

The map below shows the location of the MRT LABORATORY, its proximity to the Taoyuan City. These measurement tests were conducted at the MRT Technology (Taiwan) Co., Ltd. Facility located at No.38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 33377, Taiwan (R.O.C).



## 2. Product Information

### 2.1. Equipment Description

|                                                                                                                                                  |                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Product Name                                                                                                                                     | Mobile Computer                                                                                                         |
| Model No.                                                                                                                                        | CK67X1N                                                                                                                 |
| Brand Name                                                                                                                                       | Honeywell                                                                                                               |
| Wi-Fi Specification                                                                                                                              | 802.11a/b/g/n/ac/ax                                                                                                     |
| Bluetooth Specification                                                                                                                          | Main BT/BLE : V5.3 dual mode + 2nd BLE: V5.3 Single mode                                                                |
| NFC Specification                                                                                                                                | 13.56MHz                                                                                                                |
| WWAN Specification                                                                                                                               | 4G-LTE: Band 2,4,5,7,12,13,14,17,25,26,30,38,41,42,43,48,66,71<br>5G-NR: n 2,5,7,12,13,14,25,26,30,38,41,48,66,71,77,78 |
| CA Intra-Band                                                                                                                                    | 5B; 7C; 38C; 41C; 66B; 66C                                                                                              |
| Antenna Information                                                                                                                              | Refer to section 1.7                                                                                                    |
| EUT Identification No.:                                                                                                                          | # 24295D8903 (Conducted)<br># 24295D8059 (Radiated)<br># 24295D8087 (CBP)                                               |
| Accessory                                                                                                                                        |                                                                                                                         |
| Battery                                                                                                                                          | Brand: Honeywell<br>MODEL:CK65-BTSC<br>Rating: 3.6Vdc, 7000mAh, 25.2Wh                                                  |
| Remark:                                                                                                                                          |                                                                                                                         |
| 1. The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer. |                                                                                                                         |

Note:

- For other features of this EUT, test report will be issued separately.
- This product has 3 scanners, 5 keypads, can refer as below:

| Scanner | S0703         | S0803FR | S0803         | --                         | --                |
|---------|---------------|---------|---------------|----------------------------|-------------------|
| Keypad  | Alpha Numeric | Numeric | Large Numeric | 53keys<br>Alpha<br>Numeric | 42keys<br>Numeric |

- This report selected S0803FR with Alpha Numeric as the main test.
- For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

## 2.2. Radio Specification

|                    |                                                                                                                                                     |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Range    | For 802.11a/ax-HE20: 5935 ~ 7115MHz<br>For 802.11ax-HE40: 5965 ~ 7085MHz<br>For 802.11ax-HE80: 5985 ~ 7025MHz<br>For 802.11ax-HE160: 6025 ~ 6985MHz |
| Type of Modulation | 802.11a: OFDM<br>802.11ax: OFDMA                                                                                                                    |
| Data Rate          | 802.11a: 6/9/12/18/24/36/48/54Mbps<br>802.11ax: up to 2402Mbps                                                                                      |

Note:

1. For other features of this EUT, test report will be issued separately.
2. This device does not support Channel Puncturing.

## 2.3. Working Frequencies

802.11a/ax-HE20

| Channel | Frequency | Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|---------|-----------|
| 2       | 5935 MHz  | 1       | 5955 MHz  | 5       | 5975 MHz  |
| 9       | 5995 MHz  | 13      | 6015 MHz  | 17      | 6035 MHz  |
| 21      | 6055 MHz  | 25      | 6075 MHz  | 29      | 6095 MHz  |
| 33      | 6115 MHz  | 37      | 6135 MHz  | 41      | 6155 MHz  |
| 45      | 6175 MHz  | 49      | 6195 MHz  | 53      | 6215 MHz  |
| 57      | 6235 MHz  | 61      | 6255 MHz  | 65      | 6275 MHz  |
| 69      | 6295 MHz  | 73      | 6315 MHz  | 77      | 6335 MHz  |
| 81      | 6355 MHz  | 85      | 6375 MHz  | 89      | 6395 MHz  |
| 93      | 6415 MHz  | 97      | 6435 MHz  | 101     | 6455 MHz  |
| 105     | 6475 MHz  | 109     | 6495 MHz  | 113     | 6515 MHz  |
| 117     | 6535 MHz  | 121     | 6555 MHz  | 125     | 6575 MHz  |
| 129     | 6595 MHz  | 133     | 6615 MHz  | 137     | 6635 MHz  |
| 141     | 6655 MHz  | 145     | 6675 MHz  | 149     | 6695 MHz  |
| 153     | 6715 MHz  | 157     | 6735 MHz  | 161     | 6755 MHz  |
| 165     | 6775 MHz  | 169     | 6795 MHz  | 173     | 6815 MHz  |
| 177     | 6835 MHz  | 181     | 6855 MHz  | 185     | 6875 MHz  |
| 189     | 6895 MHz  | 193     | 6915 MHz  | 197     | 6935 MHz  |
| 201     | 6955 MHz  | 205     | 6975 MHz  | 209     | 6995 MHz  |
| 213     | 7015 MHz  | 217     | 7035 MHz  | 221     | 7055 MHz  |
| 225     | 7075 MHz  | 229     | 7095 MHz  | 233     | 7115 MHz  |

## 802.11ax-HE40

| Channel | Frequency | Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|---------|-----------|
| 3       | 5965 MHz  | 11      | 6005 MHz  | 19      | 6045 MHz  |
| 27      | 6085 MHz  | 35      | 6125 MHz  | 43      | 6165 MHz  |
| 51      | 6205 MHz  | 59      | 6245 MHz  | 67      | 6285 MHz  |
| 75      | 6325 MHz  | 83      | 6365 MHz  | 91      | 6405 MHz  |
| 99      | 6445 MHz  | 107     | 6485 MHz  | 115     | 6525 MHz  |
| 123     | 6565 MHz  | 131     | 6605 MHz  | 139     | 6645 MHz  |
| 147     | 6685 MHz  | 155     | 6725 MHz  | 163     | 6765 MHz  |
| 171     | 6805 MHz  | 179     | 6845 MHz  | 187     | 6885 MHz  |
| 195     | 6925 MHz  | 203     | 6965 MHz  | 211     | 7005 MHz  |
| 219     | 7045 MHz  | 227     | 7085 MHz  | --      | --        |

## 802.11ax-HE80

| Channel | Frequency | Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|---------|-----------|
| 7       | 5985 MHz  | 23      | 6065 MHz  | 39      | 6145 MHz  |
| 55      | 6225 MHz  | 71      | 6305 MHz  | 87      | 6385 MHz  |
| 103     | 6465 MHz  | 119     | 6545 MHz  | 135     | 6625 MHz  |
| 151     | 6705 MHz  | 167     | 6785 MHz  | 183     | 6865 MHz  |
| 199     | 6945 MHz  | 215     | 7025 MHz  | --      | --        |

## 802.11ax-HE160

| Channel | Frequency | Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|---------|-----------|
| 15      | 6025 MHz  | 47      | 6185 MHz  | 79      | 6345 MHz  |
| 111     | 6505 MHz  | 143     | 6665 MHz  | 175     | 6825 MHz  |
| 207     | 6985 MHz  |         | --        | --      | --        |

## 2.4. Antenna Details

| Antenna<br>Type | Frequency<br>Band<br>(MHz) | T <sub>x</sub><br>Paths | Number of<br>spatial streams | Wi-Fi<br>0             | Wi-Fi<br>1             | Beamforming<br>Directional Gain(dBi) | CDD Directional<br>Gain (dBi) |            |
|-----------------|----------------------------|-------------------------|------------------------------|------------------------|------------------------|--------------------------------------|-------------------------------|------------|
|                 |                            |                         |                              | (TX1)<br>Gain<br>(dBi) | (TX2)<br>Gain<br>(dBi) |                                      | For<br>Power                  | For<br>PSD |
| Wi-Fi Antenna   |                            |                         |                              |                        |                        |                                      |                               |            |
| PIFA            | 2412 ~ 2462                | 2                       | 1                            | 2.30                   | 3.00                   | --                                   | 3.00                          | 5.67       |
|                 | 5150 ~ 5250                | 2                       | 1                            | 1.60                   | 2.50                   | --                                   | 2.50                          | 5.07       |
|                 | 5250 ~ 5350                | 2                       | 1                            | 1.90                   | 2.40                   | --                                   | 2.40                          | 5.16       |
|                 | 5470 ~ 5725                | 2                       | 1                            | 2.70                   | 2.10                   | --                                   | 2.70                          | 5.42       |
|                 | 5725 ~ 5850                | 2                       | 1                            | 2.60                   | 2.60                   | --                                   | 2.60                          | 5.61       |
|                 | 5850 ~ 5895                | 2                       | 1                            | 2.60                   | 2.60                   | --                                   | 2.60                          | 5.61       |
|                 | 5925 ~ 6425                | 2                       | 1                            | 2.70                   | 3.00                   | --                                   | 3.00                          | 5.86       |
|                 | 6425 ~ 6525                | 2                       | 1                            | 2.70                   | 3.00                   | --                                   | 3.00                          | 5.86       |
|                 | 6525 ~ 6875                | 2                       | 1                            | 4.00                   | 3.00                   | --                                   | 4.00                          | 6.52       |
|                 | 6875 ~ 7125                | 2                       | 1                            | 3.90                   | 3.70                   | --                                   | 3.90                          | 6.81       |

Remark:

- The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream follows.

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

$$G_{\text{directional}} = 10 \log \left( \frac{\sum_{i=1}^N |S_i|^2}{N} \right)$$

- For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB for  $N_{\text{ANT}} \leq 4$ ;

- All messages of antenna were declared by manufacturer.

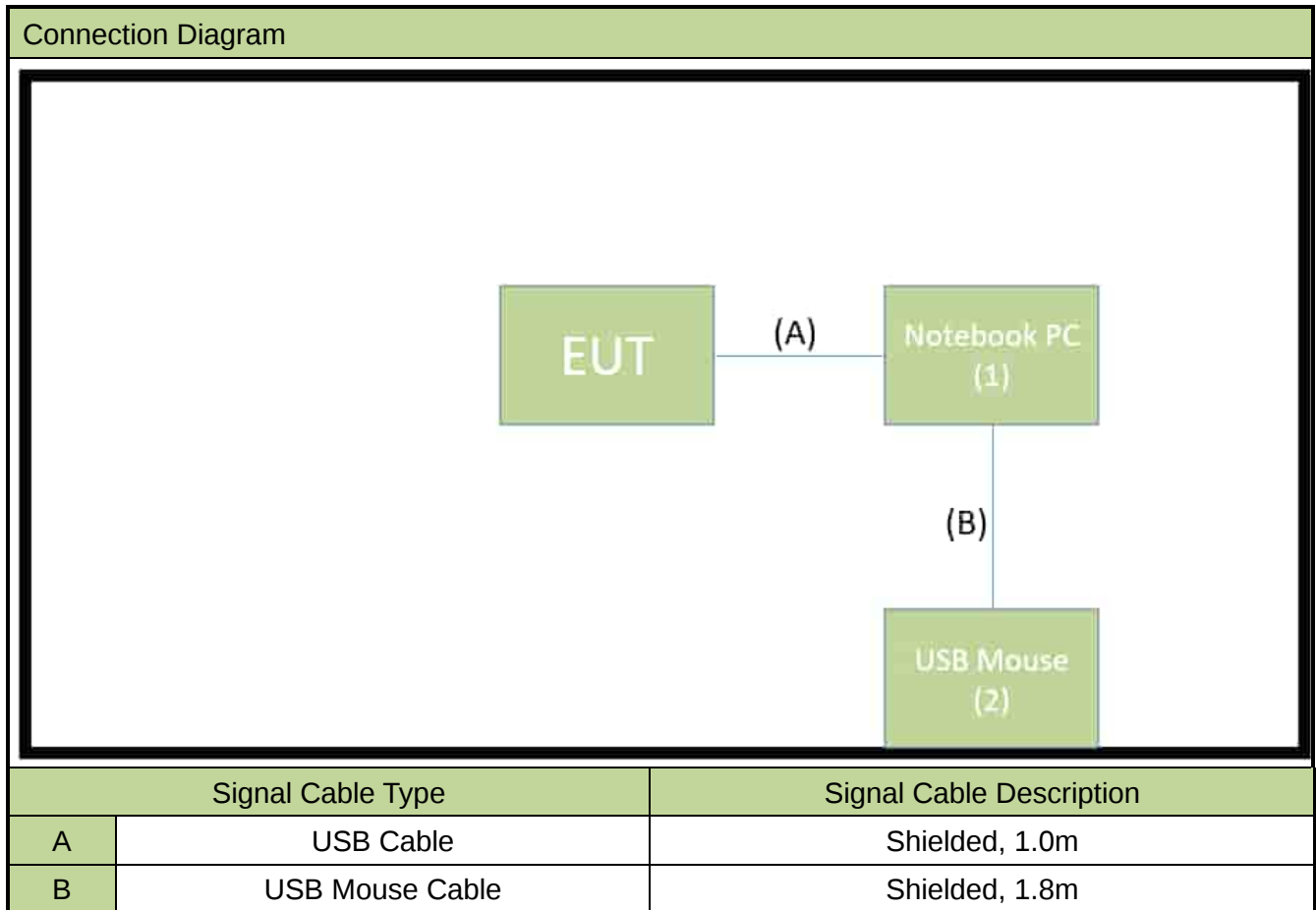
| Test Mode         | T <sub>x</sub> Paths | CDD Mode | Beamforming Mode |
|-------------------|----------------------|----------|------------------|
| 802.11b/g/n (DTS) | 2                    | √        | X                |
| 802.11ax (DTS)    | 2                    | √        | X                |
| 802.11a/n (NII)   | 2                    | √        | X                |
| 802.11ac/ax (NII) | 2                    | √        | X                |
| 802.11ax (6CD)    | 2                    | √        | X                |

## 2.5. Test Mode

| CDD Mode                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------|
| Mode 1: Transmit by 802.11a_ (CDD mode)                                                                                                 |
| Mode 2: Transmit by 802.11ax-HE20_ (CDD mode)                                                                                           |
| Mode 3: Transmit by 802.11ax-HE40_ (CDD mode)                                                                                           |
| Mode 4: Transmit by 802.11ax-HE80_ (CDD mode)                                                                                           |
| Mode 5: Transmit by 802.11ax-HE160_ (CDD mode)                                                                                          |
| Mode 6: Transmit by 802.11ax-HE20_26Tone_RU0 (CDD mode)                                                                                 |
| Mode 7: Transmit by 802.11ax-HE20_26Tone_RU8 (CDD mode)                                                                                 |
| Mode 8: Transmit by 802.11ax-HE20_52Tone_RU74 (CDD mode)                                                                                |
| Mode 9: Transmit by 802.11ax-HE20_52Tone_RU77 (CDD mode)                                                                                |
| Mode 10: Transmit by 802.11ax-HE20_106Tone_RU106 (CDD mode)                                                                             |
| Mode 11: Transmit by 802.11ax-HE20_106Tone_RU107 (CDD mode)                                                                             |
| Mode 12: Transmit by 802.11ax-HE20_242Tone_RU122 (CDD mode)                                                                             |
| Mode 13: Transmit by 802.11ax-HE20_242Tone_RU122 (CDD mode)                                                                             |
| Remark:<br>1. For Radiated emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power. |

## 2.6. Test System Connection Diagram

The device was tested per the guidance ANSI C63.10: 2013 was used to reference the appropriate EUT setup for radiated emissions testing and AC line conducted testing.



## 2.7. Test System Details

| Product |             | Manufacturer | Model No. | Serial No. | Power Cord         |
|---------|-------------|--------------|-----------|------------|--------------------|
| 1       | Notebook PC | DELL         | P65F      | N/A        | Non-shielded, 0.8m |
| 2       | USB Mouse   | Logitech     | M90       | N/A        | N/A                |

## 2.8. Test Software

The test utility software used during testing was “QRCT”, the version is ver4.0-00209.

Note: Final power setting please refer to operational description.

## 2.9. Applied Standards

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

- ANSI C63.10-2013
- FCC KDB 789033 D02v02r01
- FCC KDB 987594 D02v01r01
- FCC KDB 987594 D04v02
- FCC KDB 662911 D01v02r01
- FCC KDB 414788 D01v01r01
- FCC KDB 412172 D01v01r01

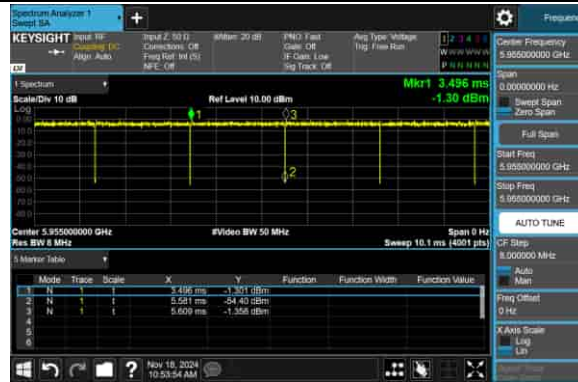
## 2.10. Duty Cycle

The maximum achievable duty cycles for all modes were determined based on measurements performed on a spectrum analyzer in zero-span mode with RBW = 8MHz, VBW = 50MHz. The RBW and VBW were both greater than  $50/T$ , where T is the minimum transmission duration, and the number of sweep points across T was greater than 100. The duty cycles are as follows:

| Test Mode                      | Duty Cycle |
|--------------------------------|------------|
| 802.11a                        | 98.67%     |
| 802.11ax-HE20                  | 99.45%     |
| 802.11ax-HE40                  | 98.96%     |
| 802.11ax-HE80                  | 98.74%     |
| 802.11ax-HE160                 | 98.38%     |
| 802.11ax-HE20_26 Tone_RU0      | 98.82%     |
| 802.11ax-HE20_52 Tone_RU74     | 99.21%     |
| 802.11ax-HE20_106 Tone_RU106   | 99.37%     |
| 802.11ax-HE20_242 Tone_RU122   | 99.32%     |
| 802.11ax-HE40_484 Tone_RU130   | 98.13%     |
| 802.11ax-HE80_996 Tone_RU134   | 97.15%     |
| 802.11ax-HE160_1992 Tone_RU136 | 95.77%     |

## Duty Cycle

802.11a



802.11ax-HE20



802.11ax-HE40



802.11ax-HE80



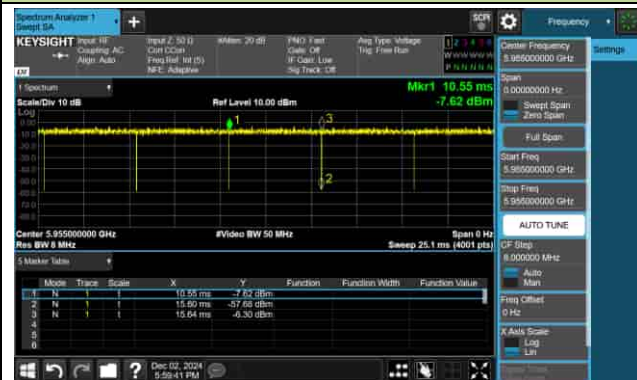
802.11ax-HE16



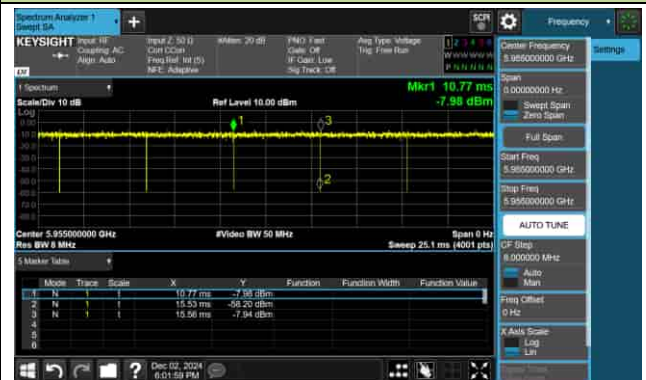
802.11ax-HE20\_26 Tone\_RU0



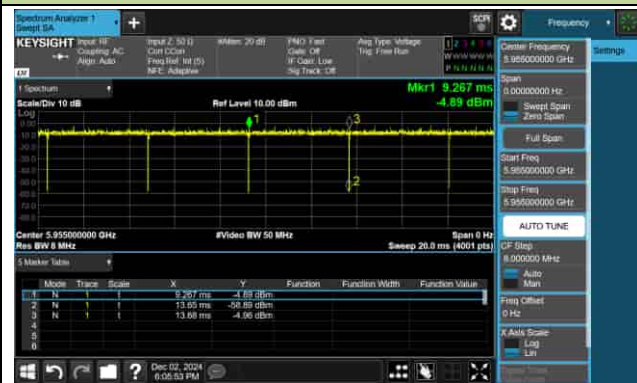
802.11ax-HE20\_52 Tone\_RU74



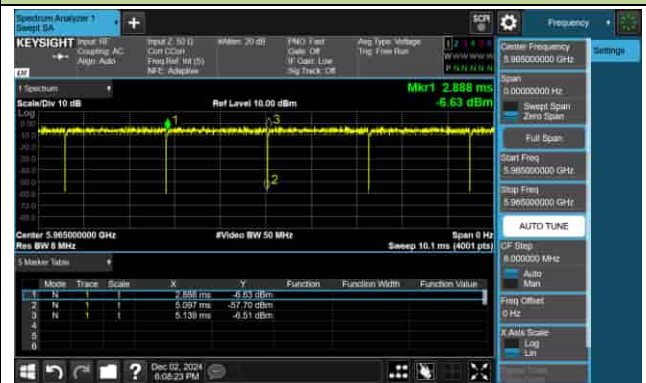
802.11ax-HE20\_106 Tone\_RU106



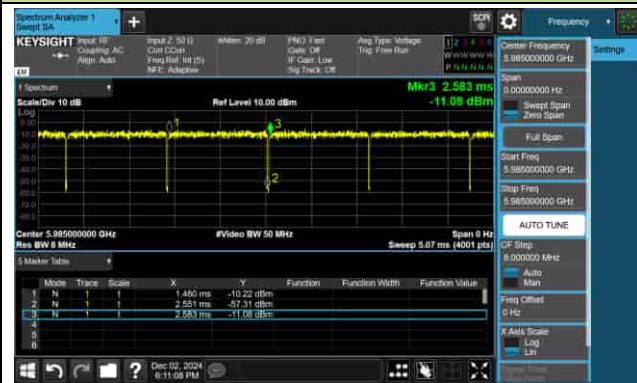
802.11ax-HE20\_242 Tone\_RU122



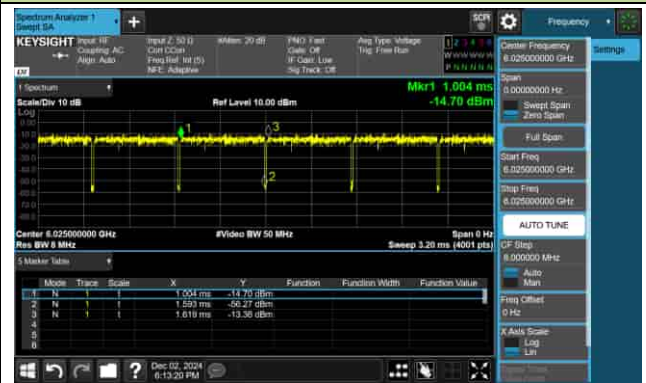
802.11ax-HE40\_484 Tone\_RU130



802.11ax-HE80\_996 Tone\_RU134



802.11ax-HE160\_1992 Tone\_RU132



## 2.11. Test Environment Condition

|                     |              |
|---------------------|--------------|
| Ambient Temperature | 15°C~35°C    |
| Relative Humidity   | 20%RH ~75%RH |

### 3. Antenna Requirements

**Excerpt from §15.203 of the FCC Rules/Regulations:**

“An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. 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 provisions of this section.”

The antenna of the device is built in and locked inside the enclosure.

**Conclusion:**

The device complies with the requirement of §15.407(a)(9).

## 4. Measuring Instrument

### Conducted Emissions

| Instrument         | Manufacturer | Type No.                    | Asset No.   | Cali. Interval | Cali. Due Date |
|--------------------|--------------|-----------------------------|-------------|----------------|----------------|
| Two-Line V-Network | R&S          | ENV216                      | MRTTWA00020 | 1 year         | 2025/4/21      |
| EMI Test Receiver  | R&S          | ESR3                        | MRTTWA00009 | 1 year         | 2025/3/5       |
| Cable              | Rosnol       | N1C50-RG400-B<br>1C50-500CM | MRTTWE00013 | 1 year         | 2025/6/14      |

### Radiated Emissions

| Instrument                 | Manufacturer                | Type No.              | Asset No.   | Cali. Interval | Cali. Due Date |
|----------------------------|-----------------------------|-----------------------|-------------|----------------|----------------|
| Active Loop Antenna        | SCHWARZBECK                 | FMZB 1519B            | MRTTWA00002 | 1 year         | 2025/5/7       |
| Broadband TRILOG Antenna   | SCHWARZBECK                 | VULB 9162             | MRTTWA00086 | 1 year         | 2025/11/5      |
| Broadband Hornantenna      | RFSPIN                      | DRH18-E               | MRTTWA00087 | 1 year         | 2025/5/20      |
| Broadband Preamplifier     | EMC Instruments corporation | EMC118A45SE           | MRTTWA00088 | 1 year         | 2025/5/14      |
| Breitband Hornantenna      | SCHWARZBECK                 | BBHA 9170             | MRTTWA00004 | 1 year         | 2025/3/26      |
| Broadband Amplifier        | SCHWARZBECK                 | BBV 9721              | MRTTWA00006 | 1 year         | 2025/3/21      |
| EMI Test Receiver          | R&S                         | ESR3                  | MRTTWA00009 | 1 year         | 2025/3/5       |
| Signal Analyzer            | R&S                         | FSVA3044              | MRTTWA00092 | 1 year         | 2025/6/20      |
| Antenna Cable              | HUBERSUHNER                 | SF106                 | MRTTWE00034 | 1 year         | 2025/6/25      |
| Cable                      | HUBERSUHNER                 | EMC105-NM-NM<br>-3000 | MRTTWE00035 | 1 year         | 2025/6/25      |
| Temperature/Humidity Meter | TFA                         | 35.1083               | MRTTWA00050 | 1 year         | 2025/6/2       |

### Conducted Test Equipment

| Instrument                     | Manufacturer | Type No. | Asset No.   | Cali. Interval | Cali. Due Date |
|--------------------------------|--------------|----------|-------------|----------------|----------------|
| EXA Signal Analyzer            | KEYSIGHT     | N9010A   | MRTTWA00012 | 1 year         | 2025/9/24      |
| EXA Signal Analyzer            | KEYSIGHT     | N9010B   | MRTTWA00074 | 1 year         | 2025/8/12      |
| USB Wideband Power Sensor      | KEYSIGHT     | U2021XA  | MRTTWA00015 | 1 year         | 2025/3/12      |
| Vector Signal Generator        | KEYSIGHT     | N5182B   | MRTTWA00010 | 1 year         | 2025/5/21      |
| EXA Analog Signal Generator    | KEYSIGHT     | N5173B   | MRTTWA00072 | 1 year         | 2025/5/21      |
| Temperature & Humidity Chamber | TEN BILLION  | TTH-B3UP | MRTTWA00036 | 1 year         | 2025/6/6       |

### Test Software

| Software | Version   | Function          |
|----------|-----------|-------------------|
| e3       | 9.160520a | EMI Test Software |

## 5. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of  $k = 2$ .

|                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|
| AC Conducted Emission Measurement                                                                                                                |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ):<br>150kHz~30MHz: $\pm 2.53\text{dB}$                                     |
| Radiated Emission Measurement                                                                                                                    |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ):<br>9kHz ~ 1GHz: $\pm 4.25\text{dB}$<br>1GHz ~ 40GHz: $\pm 4.45\text{dB}$ |
| Conducted Power (Carrier Power / Power Density)                                                                                                  |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): $\pm 0.84\text{dB}$                                                      |
| Conducted Spurious Emission                                                                                                                      |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): $\pm 2.65\text{ dB}$                                                     |
| Occupied Bandwidth                                                                                                                               |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): $\pm 3.3\%$                                                              |
| Temp. / Humidity                                                                                                                                 |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): $\pm 0.82^\circ\text{C} / \pm 3\%$                                       |
| Frequency Error                                                                                                                                  |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): $\pm 78.4\text{Hz}$                                                      |

## 6. Test Result

### 6.1. Summary

| FCC Section(s)           | Test Description                                                | Test Condition | Verdict                    | Reference                              |
|--------------------------|-----------------------------------------------------------------|----------------|----------------------------|----------------------------------------|
| 15.407(a)                | 26dB Bandwidth                                                  | Conducted      | Pass                       | Section6.2                             |
| 15.407(a)(7), (a)(8)     | Maximum Equivalent Isotropically Radiated Power (E.I.R.P)       |                | Pass<br>(15.41dBm@EIRP)    | Section6.3                             |
| 15.407(a)(7), (a)(8)     | Peak Power Spectral Density (E.I.R.P)                           |                | Pass                       | Section6.4                             |
| 15.407(b)(7)             | In-Band Emission                                                |                | Pass                       | Section6.5                             |
| 15.407(g)                | Frequency Stability                                             |                | Pass                       | Section6.6                             |
| 15.407(d)(6)             | Contention-Based Protocol                                       |                | Pass                       | Section6.7 <sup>Note5</sup>            |
| 15.407(a)(7)             | Transmit Power Control                                          |                | Pass                       | Please refer as report No: FR461705-04 |
| 15.407(b)(5)             | Unwanted Emissions                                              | Radiated       | Pass<br>(49.72dBuV/m@Peak) | Section6.8                             |
| 15.407(b) (8), (9), (10) | General Field Strength (Restricted Bands and Radiated Emission) |                | Pass<br>(66.68dBuV/m@avg)  | Section6.9                             |
| 15.207                   | AC Conducted Emissions<br>150kHz - 30MHz                        | Line Conducted | Pass                       | Section6.10                            |

#### Remark:

- Determining compliance is based on the test results met the regulation limits or requirements declared by clients, and the test results don't take into account the value of measurement uncertainty.
- The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
- Output power test was verified over all data rates of each mode (data refers to operational description), and then choose the maximum power output (low data rate) for final test of each channel.
- For radiated emission test, the test results shown in the following sections represent the worst-case emissions.
- Please refer to the report number " 2410RSU052-U4" for Client Standard Power.

## **6.2. 26dB Bandwidth**

### **6.2.1. Test Limit**

The maximum transmitter channel bandwidth for U–NII devices in the 5.925–7.125 GHz band is 320 megahertz.

### **6.2.2. Test Procedure used**

KDB 789033 D02v02r01- Section C.1 (26dB Bandwidth)

KDB 789033 D02v02r01- Section D (99% Bandwidth)

### **6.2.3. Test Setting**

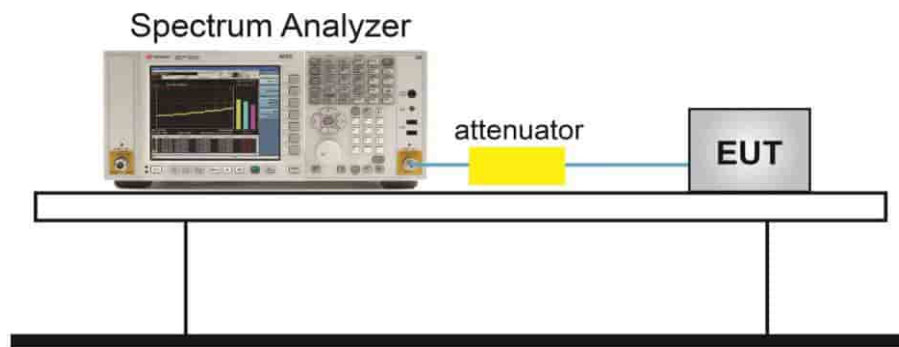
#### **26dB Bandwidth**

1. The analyzers' automatic bandwidth measurement capability was used to perform the 26dB bandwidth measurement. The "X" dB bandwidth parameter was set to  $X = 26$ . The automatic bandwidth measurement function also has the capability of simultaneously measuring the 99% occupied bandwidth. The bandwidth measurement was not influenced by any intermediated power nulls in the fundamental emission.
2. RBW = approximately 1% of the emission bandwidth.
3. VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold.

#### **99% Bandwidth**

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1% to 5% of the OBW
4. Set VBW  $\geq 3 \times$  RBW
5. Detector = Peak.
6. Use the 99% power bandwidth function of the instrument.

#### 6.2.4. Test Setup



### 6.2.5. Test Result

|           |            |               |        |
|-----------|------------|---------------|--------|
| Test Site | SR6        | Test Engineer | Marvin |
| Test Date | 2024/12/11 |               |        |

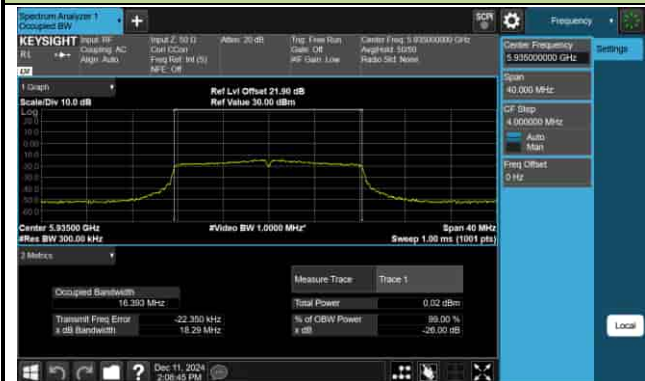
#### Client Low Power Indoor

| Test Mode     | Data Rate/<br>MCS | Channel No. | Frequency<br>(MHz) | 26dB Bandwidth<br>(MHz) | 99% Bandwidth<br>(MHz) |
|---------------|-------------------|-------------|--------------------|-------------------------|------------------------|
| 802.11a       | MCS0              | 2           | 5935               | 18.290                  | 16.393                 |
| 802.11a       | MCS0              | 1           | 5955               | 18.390                  | 16.391                 |
| 802.11a       | MCS0              | 49          | 6195               | 18.300                  | 16.387                 |
| 802.11a       | MCS0              | 93          | 6415               | 18.270                  | 16.380                 |
| 802.11a       | MCS0              | 97          | 6435               | 18.390                  | 16.380                 |
| 802.11a       | MCS0              | 105         | 6475               | 18.750                  | 16.395                 |
| 802.11a       | MCS0              | 113         | 6515               | 18.370                  | 16.387                 |
| 802.11a       | MCS0              | 117         | 6535               | 18.320                  | 16.391                 |
| 802.11a       | MCS0              | 153         | 6715               | 18.550                  | 16.402                 |
| 802.11a       | MCS0              | 181         | 6855               | 18.480                  | 16.396                 |
| 802.11a       | MCS0              | 185         | 6875               | 18.360                  | 16.383                 |
| 802.11a       | MCS0              | 189         | 6895               | 18.480                  | 16.401                 |
| 802.11a       | MCS0              | 213         | 7015               | 18.350                  | 16.374                 |
| 802.11a       | MCS0              | 229         | 7095               | 18.370                  | 16.391                 |
| 802.11a       | MCS0              | 233         | 7115               | 18.470                  | 16.386                 |
| 802.11ax-HE20 | MCS0              | 2           | 5935               | 20.190                  | 18.949                 |
| 802.11ax-HE20 | MCS0              | 1           | 5955               | 20.080                  | 18.913                 |
| 802.11ax-HE20 | MCS0              | 49          | 6195               | 20.130                  | 18.847                 |
| 802.11ax-HE20 | MCS0              | 93          | 6415               | 19.890                  | 18.861                 |
| 802.11ax-HE20 | MCS0              | 97          | 6435               | 19.980                  | 18.873                 |
| 802.11ax-HE20 | MCS0              | 105         | 6475               | 19.880                  | 18.887                 |
| 802.11ax-HE20 | MCS0              | 113         | 6515               | 19.960                  | 18.870                 |
| 802.11ax-HE20 | MCS0              | 117         | 6535               | 20.020                  | 18.881                 |
| 802.11ax-HE20 | MCS0              | 153         | 6715               | 20.010                  | 18.885                 |
| 802.11ax-HE20 | MCS0              | 181         | 6855               | 19.950                  | 18.869                 |
| 802.11ax-HE20 | MCS0              | 185         | 6875               | 20.420                  | 18.969                 |
| 802.11ax-HE20 | MCS0              | 189         | 6895               | 20.600                  | 18.941                 |
| 802.11ax-HE20 | MCS0              | 213         | 7015               | 20.520                  | 18.980                 |
| 802.11ax-HE20 | MCS0              | 229         | 7095               | 20.840                  | 18.977                 |
| 802.11ax-HE20 | MCS0              | 233         | 7115               | 19.980                  | 18.912                 |

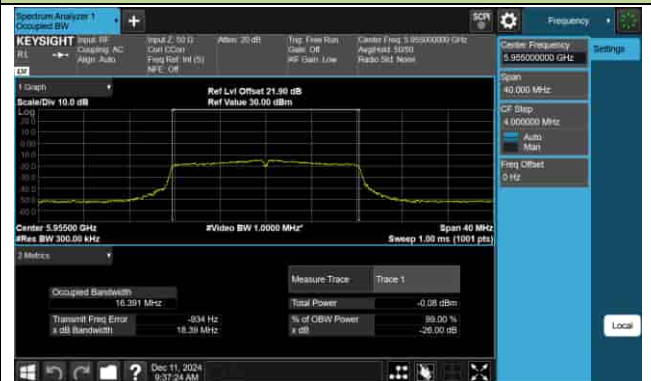
| Test Mode      | Data Rate/<br>MCS | Channel No. | Frequency<br>(MHz) | 26dB Bandwidth<br>(MHz) | 99% Bandwidth<br>(MHz) |
|----------------|-------------------|-------------|--------------------|-------------------------|------------------------|
| 802.11ax-HE40  | MCS0              | 3           | 5965               | 39.420                  | 37.643                 |
| 802.11ax-HE40  | MCS0              | 51          | 6205               | 39.460                  | 37.623                 |
| 802.11ax-HE40  | MCS0              | 91          | 6405               | 39.450                  | 37.673                 |
| 802.11ax-HE40  | MCS0              | 99          | 6445               | 39.520                  | 37.606                 |
| 802.11ax-HE40  | MCS0              | 107         | 6485               | 39.410                  | 37.645                 |
| 802.11ax-HE40  | MCS0              | 115         | 6525               | 39.440                  | 37.674                 |
| 802.11ax-HE40  | MCS0              | 123         | 6565               | 39.400                  | 37.664                 |
| 802.11ax-HE40  | MCS0              | 147         | 6685               | 39.340                  | 37.626                 |
| 802.11ax-HE40  | MCS0              | 179         | 6845               | 39.520                  | 37.645                 |
| 802.11ax-HE40  | MCS0              | 187         | 6885               | 39.410                  | 37.658                 |
| 802.11ax-HE40  | MCS0              | 195         | 6925               | 39.470                  | 37.610                 |
| 802.11ax-HE40  | MCS0              | 211         | 7005               | 39.480                  | 37.639                 |
| 802.11ax-HE40  | MCS0              | 227         | 7085               | 39.420                  | 37.660                 |
| 802.11ax-HE80  | MCS0              | 7           | 5985               | 80.430                  | 76.852                 |
| 802.11ax-HE80  | MCS0              | 55          | 6225               | 80.320                  | 76.767                 |
| 802.11ax-HE80  | MCS0              | 87          | 6385               | 80.300                  | 76.745                 |
| 802.11ax-HE80  | MCS0              | 103         | 6465               | 80.330                  | 76.795                 |
| 802.11ax-HE80  | MCS0              | 119         | 6545               | 80.360                  | 76.831                 |
| 802.11ax-HE80  | MCS0              | 135         | 6625               | 80.340                  | 76.879                 |
| 802.11ax-HE80  | MCS0              | 151         | 6705               | 80.250                  | 76.825                 |
| 802.11ax-HE80  | MCS0              | 183         | 6865               | 80.350                  | 76.795                 |
| 802.11ax-HE80  | MCS0              | 199         | 6945               | 80.300                  | 76.839                 |
| 802.11ax-HE80  | MCS0              | 215         | 7025               | 80.260                  | 76.786                 |
| 802.11ax-HE160 | MCS0              | 15          | 6025               | 162.200                 | 155.080                |
| 802.11ax-HE160 | MCS0              | 47          | 6185               | 162.300                 | 155.230                |
| 802.11ax-HE160 | MCS0              | 79          | 6345               | 162.300                 | 155.150                |
| 802.11ax-HE160 | MCS0              | 111         | 6505               | 162.300                 | 155.190                |
| 802.11ax-HE160 | MCS0              | 143         | 6665               | 162.300                 | 155.400                |
| 802.11ax-HE160 | MCS0              | 175         | 6825               | 162.400                 | 155.100                |
| 802.11ax-HE160 | MCS0              | 207         | 6985               | 162.400                 | 155.170                |

## 802.11a 26dB Bandwidth &amp; 99% Bandwidth

Channel 2 (5935MHz)



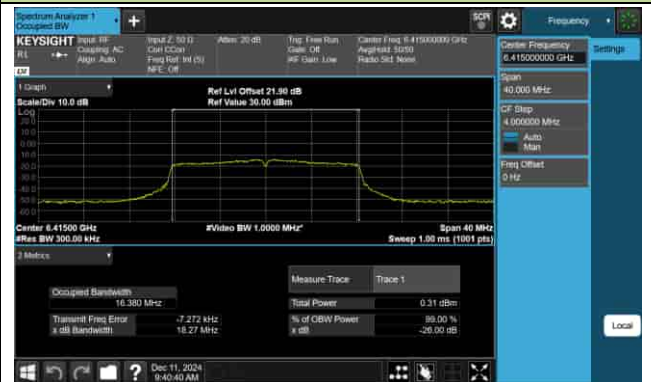
Channel 1 (5955MHz)



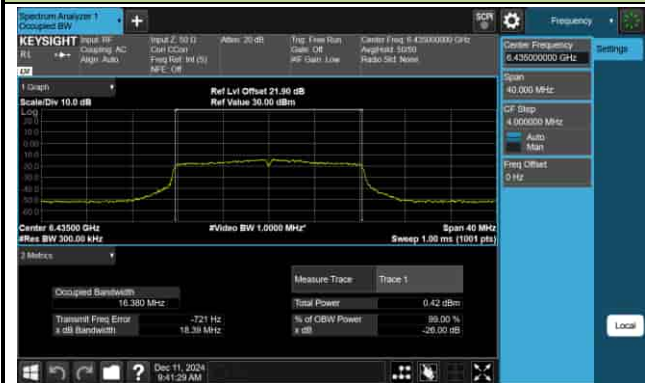
Channel 49 (6195MHz)



Channel 93 (6415MHz)



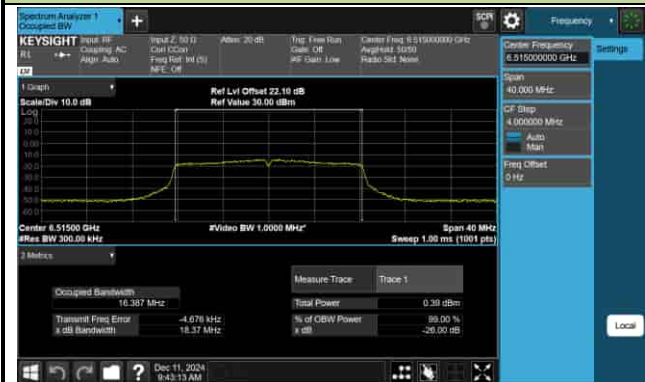
Channel 97 (6435MHz)



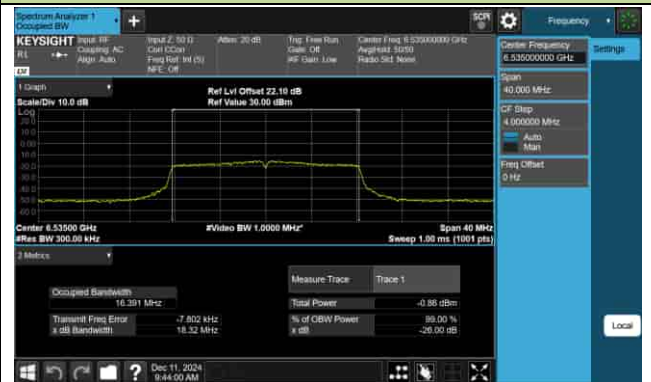
Channel 105 (6475MHz)



Channel 113 (6515MHz)



Channel 117 (6535MHz)



Channel 153 (6715MHz)



Channel 181 (6855MHz)



Channel 185 (6875MHz)



Channel 189 (6895MHz)



Channel 213 (7015MHz)



Channel 229 (7095MHz)



Channel 233 (7115MHz)



## 802.11ax-HE20 26dB Bandwidth &amp; 99% Bandwidth

Channel 2 (5935MHz)



Channel 1 (5955MHz)



Channel 49 (6195MHz)



Channel 93 (6415MHz)



Channel 97 (6435MHz)



Channel 105 (6475MHz)



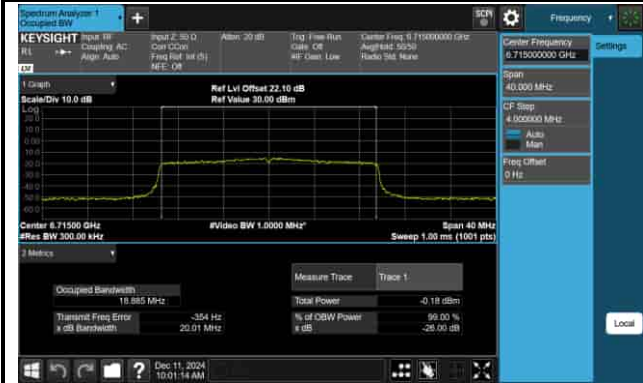
Channel 113 (6515MHz)



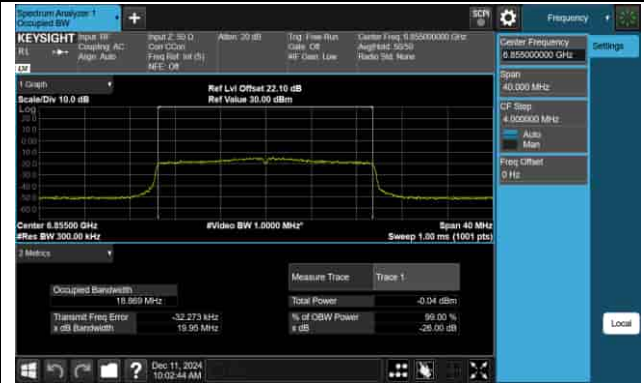
Channel 117 (6535MHz)



Channel 153 (6715MHz)



Channel 181 (6855MHz)



Channel 185 (6875MHz)



Channel 189 (6895MHz)



Channel 213 (7015MHz)



Channel 229 (7095MHz)

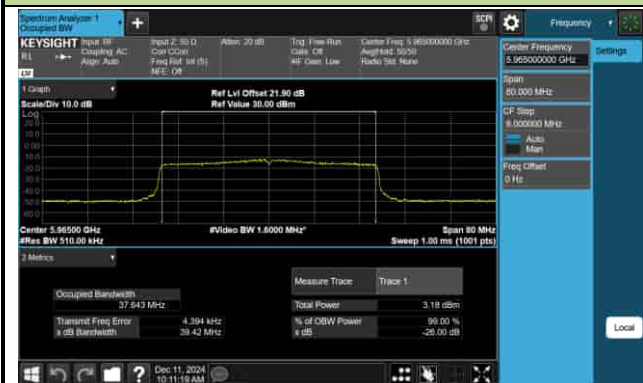


Channel 233 (7115MHz)



## 802.11ax-HE40 26dB Bandwidth &amp; 99% Bandwidth

Channel 3 (5965MHz)



Channel 51 (6205MHz)



Channel 91 (6405MHz)



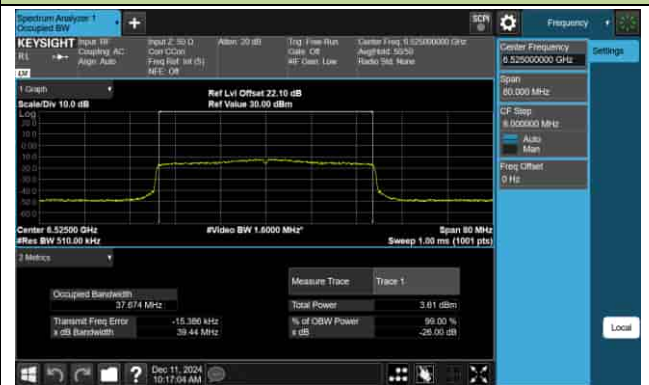
Channel 99 (6445MHz)



Channel 107 (6485MHz)



Channel 115 (6525MHz)



Channel 123 (6565MHz)



Channel 147 (6685MHz)



Channel 179 (6845MHz)



Channel 187 (6885MHz)



Channel 195 (6925MHz)



Channel 211 (7005MHz)



Channel 227 (7085MHz)



## 802.11ax-HE80 26dB Bandwidth &amp; 99% Bandwidth

Channel 7 (5985MHz)



Channel 55 (6225MHz)



Channel 87 (6385MHz)



Channel 103 (6465MHz)



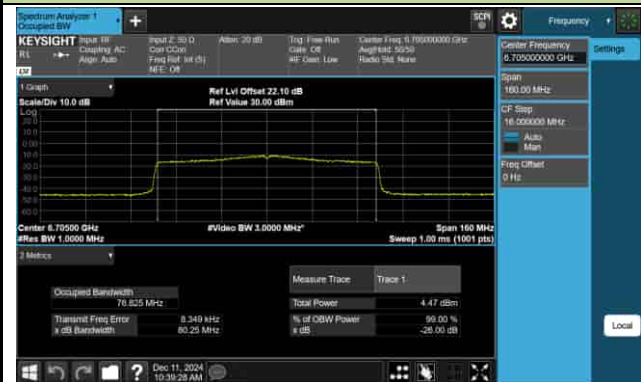
Channel 119 (6545MHz)



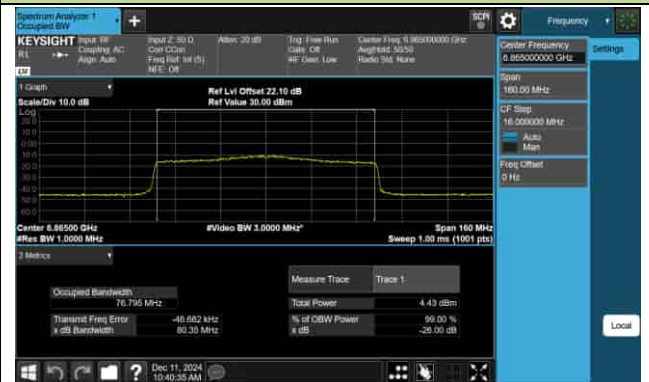
Channel 135 (6625MHz)



Channel 151 (6705MHz)



Channel 183 (6865MHz)





## 802.11ax-HE160 26dB Bandwidth &amp; 99% Bandwidth

Channel 15 (6025MHz)



Channel 47 (6185MHz)



Channel 79 (6345MHz)



Channel 111 (6505MHz)



Channel 143 (6665MHz)



Channel 175 (6825MHz)



Channel 207 (6985MHz)

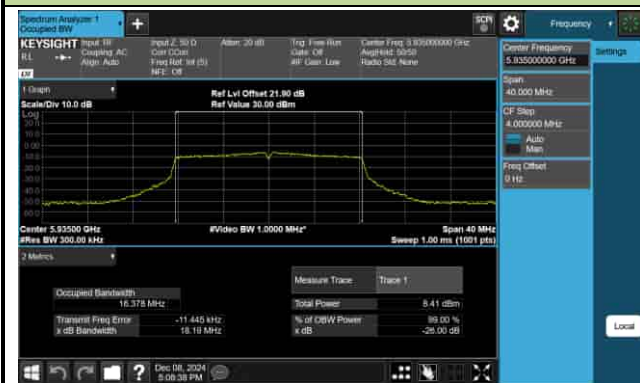


**Client Standard Power**

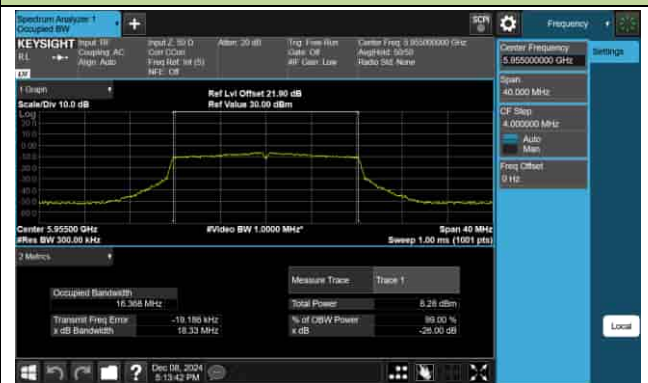
| Test Mode      | Data Rate/<br>MCS | Channel No. | Frequency<br>(MHz) | 26dB Bandwidth<br>(MHz) | 99% Bandwidth<br>(MHz) |
|----------------|-------------------|-------------|--------------------|-------------------------|------------------------|
| 802.11a        | MCS0              | 2           | 5935               | 18.190                  | 16.378                 |
| 802.11a        | MCS0              | 1           | 5955               | 18.330                  | 16.368                 |
| 802.11a        | MCS0              | 49          | 6195               | 18.310                  | 16.377                 |
| 802.11a        | MCS0              | 93          | 6415               | 18.410                  | 16.376                 |
| 802.11a        | MCS0              | 117         | 6535               | 18.570                  | 16.380                 |
| 802.11a        | MCS0              | 153         | 6715               | 18.150                  | 16.374                 |
| 802.11a        | MCS0              | 181         | 6855               | 18.530                  | 16.365                 |
| 802.11ax-HE20  | MCS0              | 2           | 5935               | 20.030                  | 18.962                 |
| 802.11ax-HE20  | MCS0              | 1           | 5955               | 19.900                  | 18.853                 |
| 802.11ax-HE20  | MCS0              | 49          | 6195               | 19.900                  | 18.847                 |
| 802.11ax-HE20  | MCS0              | 93          | 6415               | 20.020                  | 18.875                 |
| 802.11ax-HE20  | MCS0              | 117         | 6535               | 19.900                  | 18.842                 |
| 802.11ax-HE20  | MCS0              | 153         | 6715               | 20.190                  | 18.857                 |
| 802.11ax-HE20  | MCS0              | 181         | 6855               | 20.020                  | 18.876                 |
| 802.11ax-HE40  | MCS0              | 3           | 5965               | 39.470                  | 37.667                 |
| 802.11ax-HE40  | MCS0              | 51          | 6205               | 39.460                  | 37.604                 |
| 802.11ax-HE40  | MCS0              | 91          | 6405               | 39.390                  | 37.599                 |
| 802.11ax-HE40  | MCS0              | 123         | 6565               | 39.380                  | 37.644                 |
| 802.11ax-HE40  | MCS0              | 147         | 6685               | 39.380                  | 37.582                 |
| 802.11ax-HE40  | MCS0              | 179         | 6845               | 39.410                  | 37.616                 |
| 802.11ax-HE80  | MCS0              | 7           | 5985               | 80.280                  | 76.830                 |
| 802.11ax-HE80  | MCS0              | 55          | 6225               | 80.360                  | 76.809                 |
| 802.11ax-HE80  | MCS0              | 87          | 6385               | 80.380                  | 76.750                 |
| 802.11ax-HE80  | MCS0              | 135         | 6625               | 80.400                  | 76.912                 |
| 802.11ax-HE80  | MCS0              | 151         | 6705               | 80.320                  | 76.821                 |
| 802.11ax-HE80  | MCS0              | 167         | 6785               | 80.310                  | 76.808                 |
| 802.11ax-HE160 | MCS0              | 15          | 6025               | 162.400                 | 155.430                |
| 802.11ax-HE160 | MCS0              | 47          | 6185               | 162.500                 | 155.680                |
| 802.11ax-HE160 | MCS0              | 79          | 6345               | 162.300                 | 155.610                |
| 802.11ax-HE160 | MCS0              | 143         | 6665               | 162.500                 | 155.730                |

## 802.11a 26dB Bandwidth &amp; 99% Bandwidth

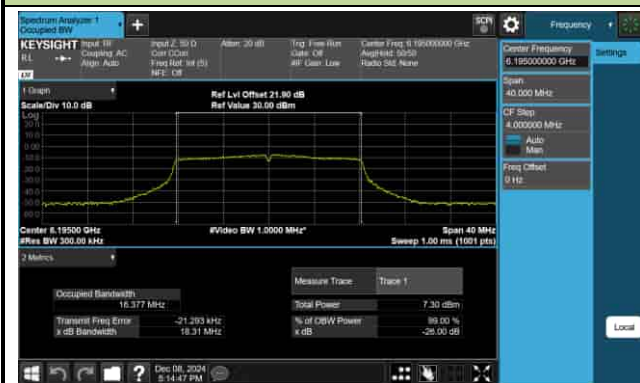
Channel 2 (5935MHz)



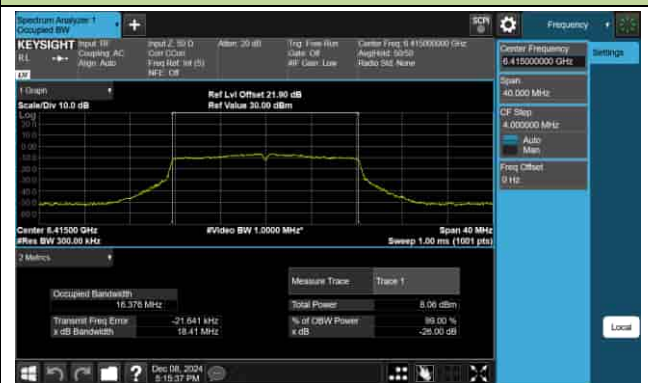
Channel 1 (5955MHz)



Channel 49 (6195MHz)



Channel 93 (6415MHz)



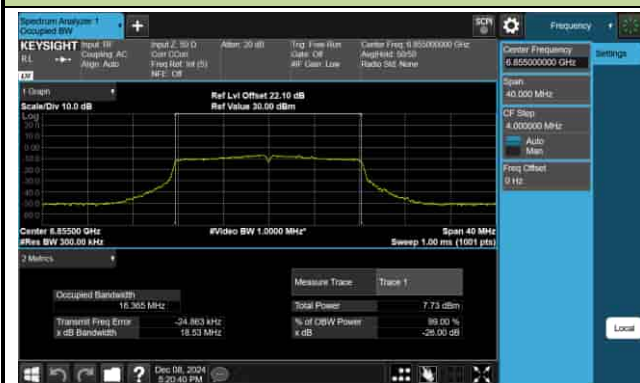
Channel 117 (6535MHz)



Channel 153 (6715MHz)



Channel 181 (6855MHz)



## 802.11ax-HE20 26dB Bandwidth &amp; 99% Bandwidth

Channel 2 (5935MHz)



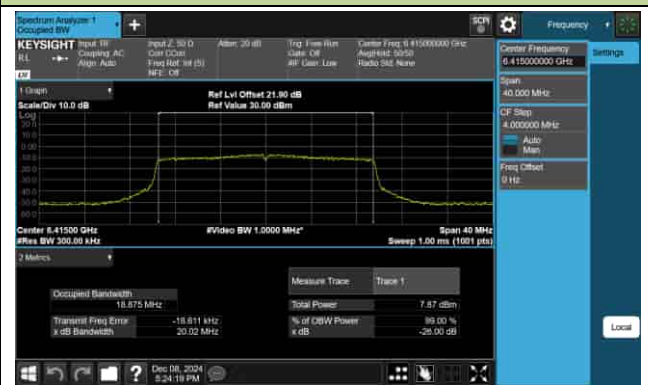
Channel 1 (5955MHz)



Channel 49 (6195MHz)



Channel 93 (6415MHz)



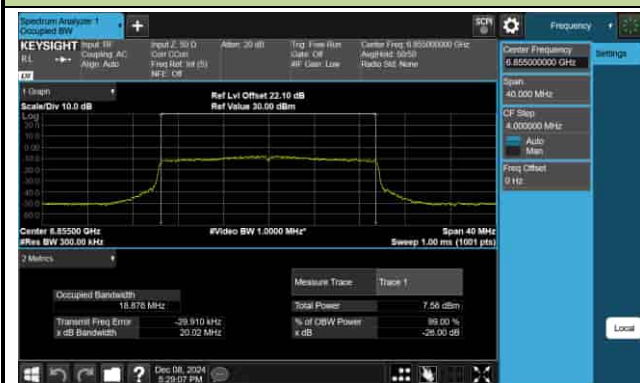
Channel 117 (6535MHz)



Channel 153 (6715MHz)

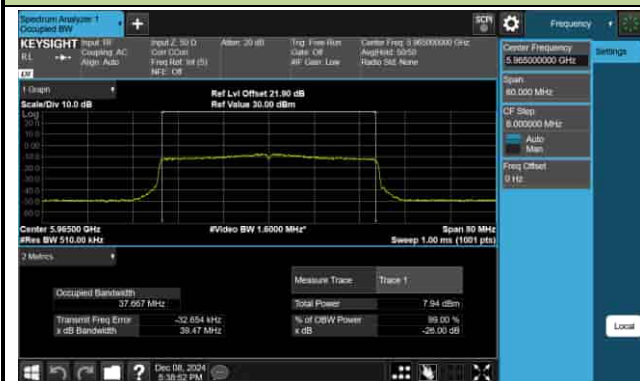


Channel 181 (6855MHz)



## 802.11ax-HE40 26dB Bandwidth &amp; 99% Bandwidth

Channel 3 (5965MHz)



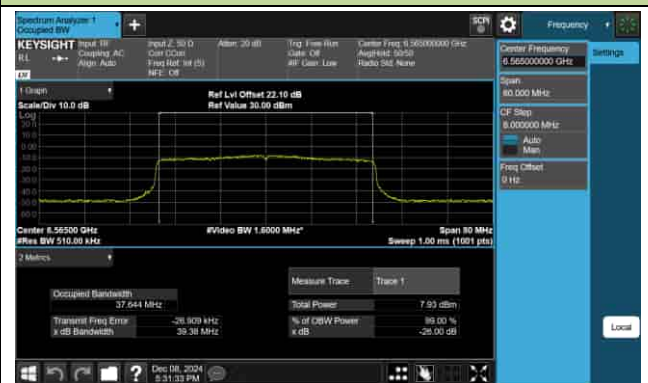
Channel 51 (6205MHz)



Channel 91 (6405MHz)



Channel 123 (6565MHz)



Channel 147 (6685MHz)



Channel 179 (6845MHz)



## 802.11ax-HE80 26dB Bandwidth &amp; 99% Bandwidth

Channel 7 (5985MHz)



Channel 55 (6225MHz)



Channel 87 (6385MHz)



Channel 135 (6625MHz)



Channel 151 (6705MHz)



Channel 167 (6785MHz)



## 802.11ax-HE160 26dB Bandwidth &amp; 99% Bandwidth

## Channel 15 (6025MHz)



## Channel 47 (6185MHz)



## Channel 79 (6345MHz)



## Channel 143 (6665MHz)



## 6.3. Output Power

### 6.3.1. Test Limit

For an indoor access point operating in the 5.925-7.125 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.

For a subordinate device operating under the control of an indoor access point in the 5.925-7.125 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.

### 6.3.2. Test Procedure Used

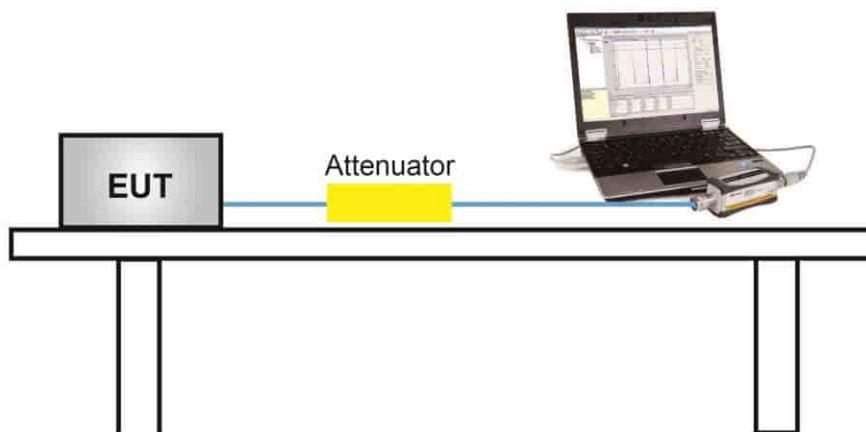
KDB 789033D02v02r01- Section E)3)b) Method PM-G

### 6.3.3. Test Setting

#### Average Power Measurement

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

### 6.3.4. Test Setup



### 6.3.5. Test Result

|           |                      |               |        |
|-----------|----------------------|---------------|--------|
| Test Site | SR6                  | Test Engineer | Marvin |
| Test Date | 2024/11/18~2024/12/2 |               |        |

#### Client Low Power Indoor

| Test Mode | Data Rate/<br>MCS | Channel No. | Freq.<br>(MHz) | Average Power (dBm) |       | Gain<br>(dBi) | E.I.R.P Power<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------|-------------------|-------------|----------------|---------------------|-------|---------------|------------------------|---------------------|
|           | Ant 0             |             |                | Ant 1               |       |               |                        |                     |
| CDD mode  |                   |             |                |                     |       |               |                        |                     |
| 11a       | MCS0              | 2           | 5935           | 0.49                | -0.02 | 3.00          | 6.25                   | ≤ 24.00             |
| 11a       | MCS0              | 1           | 5955           | 0.41                | -0.08 | 3.00          | 6.18                   | ≤ 24.00             |
| 11a       | MCS0              | 49          | 6195           | 0.48                | -0.28 | 3.00          | 6.13                   | ≤ 24.00             |
| 11a       | MCS0              | 93          | 6415           | 0.46                | -0.18 | 3.00          | 6.16                   | ≤ 24.00             |
| 11a       | MCS0              | 97          | 6435           | 0.36                | -0.83 | 3.00          | 5.82                   | ≤ 24.00             |
| 11a       | MCS0              | 105         | 6475           | 0.46                | -0.36 | 3.00          | 6.08                   | ≤ 24.00             |
| 11a       | MCS0              | 113         | 6515           | 0.46                | -0.26 | 3.00          | 6.13                   | ≤ 24.00             |
| 11a       | MCS0              | 117         | 6535           | -0.49               | -1.52 | 4.00          | 6.04                   | ≤ 24.00             |
| 11a       | MCS0              | 153         | 6715           | 0.16                | -1.41 | 4.00          | 6.46                   | ≤ 24.00             |
| 11a       | MCS0              | 181         | 6855           | -0.60               | -1.83 | 4.00          | 5.84                   | ≤ 24.00             |
| 11a       | MCS0              | 185         | 6875           | -0.56               | -1.47 | 3.90          | 5.92                   | ≤ 24.00             |
| 11a       | MCS0              | 189         | 6895           | -0.78               | -1.53 | 3.90          | 5.77                   | ≤ 24.00             |
| 11a       | MCS0              | 213         | 7015           | -0.53               | -0.93 | 3.90          | 6.18                   | ≤ 24.00             |
| 11a       | MCS0              | 229         | 7095           | -0.58               | -0.98 | 3.90          | 6.13                   | ≤ 24.00             |
| 11a       | MCS0              | 233         | 7115           | -0.20               | -0.45 | 3.90          | 6.59                   | ≤ 24.00             |

| Test Mode | Data Rate/<br>MCS | Channel No. | Freq.<br>(MHz) | Average Power (dBm) |        | Gain<br>(dBi) | E.I.R.P Power<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------|-------------------|-------------|----------------|---------------------|--------|---------------|------------------------|---------------------|
|           | Ant 0             |             |                | Ant 1               |        |               |                        |                     |
| CDD mode  |                   |             |                |                     |        |               |                        |                     |
| 11ax-HE20 | MCS0              | 2           | 5935           | -9.06               | -9.46  | 3.00          | -3.25                  | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 1           | 5955           | 1.30                | 0.75   | 3.00          | 7.04                   | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 49          | 6195           | 1.48                | 0.51   | 3.00          | 7.03                   | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 93          | 6415           | 1.24                | 0.48   | 3.00          | 6.89                   | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 97          | 6435           | 1.46                | 0.32   | 3.00          | 6.94                   | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 105         | 6475           | 1.30                | 0.34   | 3.00          | 6.86                   | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 113         | 6515           | 1.46                | 0.36   | 3.00          | 6.96                   | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 117         | 6535           | 0.21                | -0.82  | 3.00          | 6.74                   | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 153         | 6715           | 0.26                | -1.10  | 3.00          | 6.64                   | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 181         | 6855           | -0.11               | -1.23  | 3.00          | 6.38                   | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 185         | 6875           | -6.88               | -7.96  | 3.00          | -0.48                  | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 189         | 6895           | -6.69               | -7.40  | 4.00          | -0.12                  | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 213         | 7015           | -6.72               | -7.60  | 4.00          | -0.23                  | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 229         | 7095           | -6.85               | -7.57  | 4.00          | -0.28                  | ≤ 24.00             |
| 11ax-HE20 | MCS0              | 233         | 7115           | -14.03              | -14.43 | 3.90          | -7.32                  | ≤ 24.00             |
| 11ax-HE40 | MCS0              | 3           | 5965           | 3.66                | 3.02   | 3.90          | 9.36                   | ≤ 24.00             |
| 11ax-HE40 | MCS0              | 51          | 6205           | 4.15                | 3.05   | 3.90          | 9.65                   | ≤ 24.00             |
| 11ax-HE40 | MCS0              | 91          | 6405           | 4.14                | 2.88   | 3.90          | 9.57                   | ≤ 24.00             |
| 11ax-HE40 | MCS0              | 99          | 6445           | 3.66                | 2.69   | 3.90          | 9.21                   | ≤ 24.00             |
| 11ax-HE40 | MCS0              | 107         | 6485           | 3.60                | 2.51   | 3.00          | 9.10                   | ≤ 24.00             |
| 11ax-HE40 | MCS0              | 115         | 6525           | 3.81                | 2.72   | 3.00          | 9.31                   | ≤ 24.00             |
| 11ax-HE40 | MCS0              | 123         | 6565           | 2.90                | 1.82   | 3.00          | 9.40                   | ≤ 24.00             |
| 11ax-HE40 | MCS0              | 147         | 6685           | 3.02                | 1.85   | 3.00          | 9.48                   | ≤ 24.00             |
| 11ax-HE40 | MCS0              | 179         | 6845           | 2.49                | 1.53   | 3.00          | 9.05                   | ≤ 24.00             |
| 11ax-HE40 | MCS0              | 187         | 6885           | 2.36                | 1.49   | 3.00          | 8.86                   | ≤ 24.00             |
| 11ax-HE40 | MCS0              | 195         | 6925           | 2.47                | 1.47   | 4.00          | 8.91                   | ≤ 24.00             |
| 11ax-HE40 | MCS0              | 211         | 7005           | 2.25                | 1.75   | 4.00          | 8.92                   | ≤ 24.00             |
| 11ax-HE40 | MCS0              | 227         | 7085           | 2.49                | 2.19   | 4.00          | 9.25                   | ≤ 24.00             |

| Test Mode  | Data Rate/<br>MCS | Channel No. | Freq.<br>(MHz) | Average Power (dBm) |       | Gain<br>(dBi) | E.I.R.P Power<br>(dBm) | EIRP Limit<br>(dBm) |
|------------|-------------------|-------------|----------------|---------------------|-------|---------------|------------------------|---------------------|
|            |                   |             |                |                     | Ant 0 |               |                        |                     |
| CDD mode   |                   |             |                |                     |       |               |                        |                     |
| 11ax-HE80  | MCS0              | 7           | 5985           | 5.90                | 5.52  | 3.00          | 11.72                  | ≤ 24.00             |
| 11ax-HE80  | MCS0              | 55          | 6225           | 5.98                | 4.83  | 3.00          | 11.45                  | ≤ 24.00             |
| 11ax-HE80  | MCS0              | 87          | 6385           | 6.45                | 5.27  | 3.00          | 11.91                  | ≤ 24.00             |
| 11ax-HE80  | MCS0              | 103         | 6465           | 6.47                | 5.38  | 3.00          | 11.97                  | ≤ 24.00             |
| 11ax-HE80  | MCS0              | 119         | 6545           | 5.96                | 5.00  | 3.00          | 11.52                  | ≤ 24.00             |
| 11ax-HE80  | MCS0              | 135         | 6625           | 4.51                | 3.42  | 4.00          | 11.01                  | ≤ 24.00             |
| 11ax-HE80  | MCS0              | 151         | 6705           | 4.65                | 3.29  | 4.00          | 11.03                  | ≤ 24.00             |
| 11ax-HE80  | MCS0              | 183         | 6865           | 4.46                | 3.41  | 4.00          | 10.98                  | ≤ 24.00             |
| 11ax-HE80  | MCS0              | 199         | 6945           | 4.48                | 3.77  | 3.90          | 11.05                  | ≤ 24.00             |
| 11ax-HE80  | MCS0              | 215         | 7025           | 5.35                | 4.87  | 3.90          | 12.03                  | ≤ 24.00             |
| 11ax-HE160 | MCS0              | 15          | 6025           | 7.63                | 7.37  | 3.00          | 13.51                  | ≤ 24.00             |
| 11ax-HE160 | MCS0              | 47          | 6185           | 7.99                | 8.05  | 3.00          | 14.03                  | ≤ 24.00             |
| 11ax-HE160 | MCS0              | 79          | 6345           | 8.35                | 8.07  | 3.00          | 14.22                  | ≤ 24.00             |
| 11ax-HE160 | MCS0              | 111         | 6505           | 8.17                | 8.24  | 3.00          | 14.22                  | ≤ 24.00             |
| 11ax-HE160 | MCS0              | 143         | 6665           | 7.63                | 7.50  | 4.00          | 14.58                  | ≤ 24.00             |
| 11ax-HE160 | MCS0              | 175         | 6825           | 7.46                | 7.55  | 4.00          | 14.52                  | ≤ 24.00             |
| 11ax-HE160 | MCS0              | 207         | 6985           | 7.93                | 7.22  | 3.90          | 14.50                  | ≤ 24.00             |

| Test Mode | RU Size | RU Index | Rate | Channel No. | Freq. (MHz) | Average Power (dBm) |        | Gain (dBi) | E.I.R.P Power (dBm) | EIRP Limit (dBm) |
|-----------|---------|----------|------|-------------|-------------|---------------------|--------|------------|---------------------|------------------|
|           |         |          |      |             |             | Ant 0               | Ant 1  |            |                     |                  |
| CDD mode  |         |          |      |             |             |                     |        |            |                     |                  |
| 11ax-HE20 | 26 Tone | RU 0     | MCS0 | 1           | 5955        | -4.46               | -4.35  | 3.00       | 1.61                | ≤ 24.00          |
| 11ax-HE20 |         | RU 8     | MCS0 | 49          | 6195        | -3.89               | -4.91  | 3.00       | 1.64                | ≤ 24.00          |
| 11ax-HE20 |         | RU 8     | MCS0 | 93          | 6415        | -4.33               | -5.20  | 3.00       | 1.27                | ≤ 24.00          |
| 11ax-HE20 |         | RU 0     | MCS0 | 97          | 6435        | -4.59               | -5.95  | 3.00       | 0.79                | ≤ 24.00          |
| 11ax-HE20 |         | RU 8     | MCS0 | 105         | 6475        | -4.51               | -5.34  | 3.00       | 1.11                | ≤ 24.00          |
| 11ax-HE20 |         | RU 8     | MCS0 | 113         | 6515        | -4.76               | -5.77  | 3.00       | 0.77                | ≤ 24.00          |
| 11ax-HE20 |         | RU 0     | MCS0 | 117         | 6535        | -5.67               | -6.03  | 4.00       | 1.16                | ≤ 24.00          |
| 11ax-HE20 |         | RU 8     | MCS0 | 153         | 6715        | -5.07               | -6.05  | 4.00       | 1.48                | ≤ 24.00          |
| 11ax-HE20 |         | RU 8     | MCS0 | 181         | 6855        | -5.42               | -6.02  | 4.00       | 1.30                | ≤ 24.00          |
| 11ax-HE20 |         | RU 0     | MCS0 | 189         | 6895        | -7.06               | -7.70  | 3.90       | -0.46               | ≤ 24.00          |
| 11ax-HE20 |         | RU 8     | MCS0 | 213         | 7015        | -8.03               | -7.70  | 3.90       | -0.95               | ≤ 24.00          |
| 11ax-HE20 |         | RU 8     | MCS0 | 233         | 7115        | -21.06              | -21.39 | 3.90       | -14.31              | ≤ 24.00          |
| 11ax-HE20 | 52 Tone | RU 74    | MCS0 | 1           | 5955        | -1.95               | -2.24  | 3.00       | 3.92                | ≤ 24.00          |
| 11ax-HE20 |         | RU 77    | MCS0 | 49          | 6195        | -1.37               | -2.19  | 3.00       | 4.25                | ≤ 24.00          |
| 11ax-HE20 |         | RU 77    | MCS0 | 93          | 6415        | -1.96               | -2.83  | 3.00       | 3.64                | ≤ 24.00          |
| 11ax-HE20 |         | RU 74    | MCS0 | 97          | 6435        | -1.56               | -2.61  | 3.00       | 3.96                | ≤ 24.00          |
| 11ax-HE20 |         | RU 77    | MCS0 | 105         | 6475        | -1.45               | -2.35  | 3.00       | 4.13                | ≤ 24.00          |
| 11ax-HE20 |         | RU 77    | MCS0 | 113         | 6515        | -1.80               | -2.77  | 3.00       | 3.75                | ≤ 24.00          |
| 11ax-HE20 |         | RU 74    | MCS0 | 117         | 6535        | -2.39               | -3.12  | 4.00       | 4.27                | ≤ 24.00          |
| 11ax-HE20 |         | RU 77    | MCS0 | 153         | 6715        | -1.91               | -3.40  | 4.00       | 4.42                | ≤ 24.00          |
| 11ax-HE20 |         | RU 77    | MCS0 | 181         | 6855        | -2.25               | -3.38  | 4.00       | 4.23                | ≤ 24.00          |
| 11ax-HE20 |         | RU 74    | MCS0 | 189         | 6895        | -7.13               | -7.89  | 3.90       | -0.58               | ≤ 24.00          |
| 11ax-HE20 |         | RU 77    | MCS0 | 213         | 7015        | -8.02               | -7.99  | 3.90       | -1.09               | ≤ 24.00          |
| 11ax-HE20 |         | RU 77    | MCS0 | 233         | 7115        | -18.06              | -18.53 | 3.90       | -11.38              | ≤ 24.00          |

| Test Mode | RU Size     | RU Index | Rate | Channel No. | Freq. (MHz) | Average Power (dBm) |        | Gain (dBi) | E.I.R.P Power (dBm) | EIRP Limit (dBm) |
|-----------|-------------|----------|------|-------------|-------------|---------------------|--------|------------|---------------------|------------------|
|           |             |          |      |             |             | Ant 0               | Ant 1  |            |                     |                  |
| CDD mode  |             |          |      |             |             |                     |        |            |                     |                  |
| 11ax-HE20 | 106<br>Tone | RU 106   | MCS0 | 1           | 5955        | 1.20                | 0.72   | 3.00       | 6.98                | ≤ 24.00          |
| 11ax-HE20 |             | RU 107   | MCS0 | 49          | 6195        | 1.77                | 0.75   | 3.00       | 7.30                | ≤ 24.00          |
| 11ax-HE20 |             | RU 107   | MCS0 | 93          | 6415        | 1.50                | 0.61   | 3.00       | 7.09                | ≤ 24.00          |
| 11ax-HE20 |             | RU 106   | MCS0 | 97          | 6435        | 1.70                | 0.53   | 3.00       | 7.16                | ≤ 24.00          |
| 11ax-HE20 |             | RU 107   | MCS0 | 105         | 6475        | 1.64                | 0.85   | 3.00       | 7.27                | ≤ 24.00          |
| 11ax-HE20 |             | RU 107   | MCS0 | 113         | 6515        | 1.44                | 0.36   | 3.00       | 6.94                | ≤ 24.00          |
| 11ax-HE20 |             | RU 106   | MCS0 | 117         | 6535        | 0.28                | -0.99  | 4.00       | 6.70                | ≤ 24.00          |
| 11ax-HE20 |             | RU 107   | MCS0 | 153         | 6715        | 0.35                | -1.37  | 4.00       | 6.58                | ≤ 24.00          |
| 11ax-HE20 |             | RU 107   | MCS0 | 181         | 6855        | 0.39                | -0.80  | 4.00       | 6.85                | ≤ 24.00          |
| 11ax-HE20 |             | RU 106   | MCS0 | 189         | 6895        | -6.85               | -7.87  | 3.90       | -0.42               | ≤ 24.00          |
| 11ax-HE20 |             | RU 107   | MCS0 | 213         | 7015        | -6.84               | -7.68  | 3.90       | -0.33               | ≤ 24.00          |
| 11ax-HE20 |             | RU 107   | MCS0 | 233         | 7115        | -16.03              | -16.62 | 3.90       | -9.40               | ≤ 24.00          |
| 11ax-HE20 | 242<br>Tone | RU 122   | MCS0 | 1           | 5955        | 1.21                | 0.80   | 3.00       | 7.02                | ≤ 24.00          |
| 11ax-HE20 |             | RU 122   | MCS0 | 93          | 6415        | 1.21                | 0.63   | 3.00       | 6.94                | ≤ 24.00          |
| 11ax-HE20 |             | RU 122   | MCS0 | 97          | 6435        | 1.43                | 0.32   | 3.00       | 6.92                | ≤ 24.00          |
| 11ax-HE20 |             | RU 122   | MCS0 | 113         | 6515        | 1.33                | 0.42   | 3.00       | 6.91                | ≤ 24.00          |
| 11ax-HE20 |             | RU 122   | MCS0 | 117         | 6535        | 0.22                | -0.89  | 4.00       | 6.71                | ≤ 24.00          |
| 11ax-HE20 |             | RU 122   | MCS0 | 181         | 6855        | 0.07                | -1.13  | 4.00       | 6.52                | ≤ 24.00          |
| 11ax-HE20 |             | RU 122   | MCS0 | 189         | 6895        | -6.82               | -7.79  | 3.90       | -0.37               | ≤ 24.00          |
| 11ax-HE20 |             | RU 122   | MCS0 | 233         | 7115        | -14.21              | -14.23 | 3.90       | -7.31               | ≤ 24.00          |

| Test Mode | RU Size  | RU Index | Rate | Channel No. | Freq. (MHz) | Average Power (dBm) |        | Gain (dBi) | E.I.R.P Power (dBm) | EIRP Limit (dBm) |
|-----------|----------|----------|------|-------------|-------------|---------------------|--------|------------|---------------------|------------------|
|           |          |          |      |             |             | Ant 0               | Ant 1  |            |                     |                  |
| CDD mode  |          |          |      |             |             |                     |        |            |                     |                  |
| 11ax-HE40 | 26 Tone  | RU 0     | MCS0 | 3           | 5965        | -4.50               | -4.37  | 3.00       | 1.58                | ≤ 24.00          |
| 11ax-HE40 |          | RU 8     | MCS0 | 91          | 6405        | -4.30               | -5.76  | 3.00       | 1.04                | ≤ 24.00          |
| 11ax-HE40 |          | RU 0     | MCS0 | 99          | 6445        | -4.97               | -7.51  | 3.00       | -0.05               | ≤ 24.00          |
| 11ax-HE40 |          | RU 8     | MCS0 | 115         | 6525        | -4.92               | -5.91  | 3.00       | 0.62                | ≤ 24.00          |
| 11ax-HE40 |          | RU 0     | MCS0 | 123         | 6565        | -6.27               | -6.61  | 4.00       | 0.57                | ≤ 24.00          |
| 11ax-HE40 |          | RU 8     | MCS0 | 179         | 6845        | -5.42               | -6.40  | 4.00       | 1.13                | ≤ 24.00          |
| 11ax-HE40 |          | RU 0     | MCS0 | 195         | 6925        | -7.54               | -8.38  | 3.90       | -1.03               | ≤ 24.00          |
| 11ax-HE40 |          | RU 8     | MCS0 | 227         | 7085        | -21.78              | -21.56 | 3.90       | -14.76              | ≤ 24.00          |
| 11ax-HE40 | 52 Tone  | RU 74    | MCS0 | 3           | 5965        | -2.18               | -2.40  | 3.00       | 3.72                | ≤ 24.00          |
| 11ax-HE40 |          | RU 77    | MCS0 | 91          | 6405        | -2.18               | -3.68  | 3.00       | 3.14                | ≤ 24.00          |
| 11ax-HE40 |          | RU 74    | MCS0 | 99          | 6445        | -1.69               | -2.78  | 3.00       | 3.81                | ≤ 24.00          |
| 11ax-HE40 |          | RU 77    | MCS0 | 115         | 6525        | -2.21               | -3.25  | 3.00       | 3.31                | ≤ 24.00          |
| 11ax-HE40 |          | RU 74    | MCS0 | 123         | 6565        | -2.50               | -3.48  | 4.00       | 4.05                | ≤ 24.00          |
| 11ax-HE40 |          | RU 77    | MCS0 | 179         | 6845        | -2.18               | -3.56  | 4.00       | 4.19                | ≤ 24.00          |
| 11ax-HE40 |          | RU 74    | MCS0 | 195         | 6925        | -7.42               | -8.27  | 3.90       | -0.91               | ≤ 24.00          |
| 11ax-HE40 |          | RU 77    | MCS0 | 227         | 7085        | -18.31              | -18.62 | 3.90       | -11.55              | ≤ 24.00          |
| 11ax-HE40 | 106 Tone | RU 106   | MCS0 | 3           | 5965        | 0.66                | 0.50   | 3.00       | 6.59                | ≤ 24.00          |
| 11ax-HE40 |          | RU 107   | MCS0 | 91          | 6405        | 1.21                | -0.08  | 3.00       | 6.62                | ≤ 24.00          |
| 11ax-HE40 |          | RU 106   | MCS0 | 99          | 6445        | 1.62                | 0.48   | 3.00       | 7.10                | ≤ 24.00          |
| 11ax-HE40 |          | RU 107   | MCS0 | 115         | 6525        | 1.12                | 0.30   | 3.00       | 6.74                | ≤ 24.00          |
| 11ax-HE40 |          | RU 106   | MCS0 | 123         | 6565        | -0.18               | -1.16  | 4.00       | 6.37                | ≤ 24.00          |
| 11ax-HE40 |          | RU 107   | MCS0 | 179         | 6845        | 0.15                | -0.83  | 4.00       | 6.70                | ≤ 24.00          |
| 11ax-HE40 |          | RU 106   | MCS0 | 195         | 6925        | -7.36               | -8.03  | 3.90       | -0.77               | ≤ 24.00          |
| 11ax-HE40 |          | RU 107   | MCS0 | 227         | 7085        | -16.31              | -16.82 | 3.90       | -9.65               | ≤ 24.00          |
| 11ax-HE40 | 242 Tone | RU 122   | MCS0 | 3           | 5965        | 1.04                | 0.82   | 3.00       | 6.94                | ≤ 24.00          |
| 11ax-HE40 |          | RU 123   | MCS0 | 91          | 6405        | 1.81                | 0.25   | 3.00       | 7.11                | ≤ 24.00          |
| 11ax-HE40 |          | RU 122   | MCS0 | 99          | 6445        | 1.45                | 0.26   | 3.00       | 6.91                | ≤ 24.00          |
| 11ax-HE40 |          | RU 123   | MCS0 | 115         | 6525        | 1.11                | 0.17   | 3.00       | 6.68                | ≤ 24.00          |
| 11ax-HE40 |          | RU 122   | MCS0 | 123         | 6565        | 0.17                | -0.84  | 4.00       | 6.70                | ≤ 24.00          |
| 11ax-HE40 |          | RU 123   | MCS0 | 179         | 6845        | -0.30               | -1.56  | 4.00       | 6.13                | ≤ 24.00          |
| 11ax-HE40 |          | RU 122   | MCS0 | 195         | 6925        | -7.38               | -8.34  | 3.90       | -0.92               | ≤ 24.00          |
| 11ax-HE40 |          | RU 123   | MCS0 | 227         | 7085        | -14.32              | -14.89 | 3.90       | -7.69               | ≤ 24.00          |

| Test Mode | RU Size  | RU Index | Rate | Channel No. | Freq. (MHz) | Average Power (dBm) |       | Gain (dBi) | E.I.R.P Power (dBm) | EIRP Limit (dBm) |
|-----------|----------|----------|------|-------------|-------------|---------------------|-------|------------|---------------------|------------------|
|           |          |          |      |             |             | Ant 0               | Ant 1 |            |                     |                  |
| CDD mode  |          |          |      |             |             |                     |       |            |                     |                  |
| 11ax-HE40 | 484 Tone | RU 130   | MCS0 | 3           | 5965        | 3.39                | 3.13  | 3.00       | 9.27                | ≤ 24.00          |
| 11ax-HE40 |          | RU 130   | MCS0 | 91          | 6405        | 3.96                | 2.82  | 3.00       | 9.44                | ≤ 24.00          |
| 11ax-HE40 |          | RU 130   | MCS0 | 99          | 6445        | 3.55                | 2.58  | 3.00       | 9.10                | ≤ 24.00          |
| 11ax-HE40 |          | RU 130   | MCS0 | 115         | 6525        | 3.78                | 2.71  | 3.00       | 9.29                | ≤ 24.00          |
| 11ax-HE40 |          | RU 130   | MCS0 | 123         | 6565        | 2.57                | 1.69  | 4.00       | 9.16                | ≤ 24.00          |
| 11ax-HE40 |          | RU 130   | MCS0 | 179         | 6845        | 2.42                | 1.29  | 4.00       | 8.90                | ≤ 24.00          |
| 11ax-HE40 |          | RU 130   | MCS0 | 195         | 6925        | 2.33                | 1.17  | 3.90       | 8.70                | ≤ 24.00          |
| 11ax-HE40 |          | RU 130   | MCS0 | 227         | 7085        | 2.25                | 2.01  | 3.90       | 9.04                | ≤ 24.00          |

| Test Mode | RU Size  | RU Index | Rate | Channel No. | Freq. (MHz) | Average Power (dBm) |        | Gain (dBi) | E.I.R.P Power (dBm) | EIRP Limit (dBm) |
|-----------|----------|----------|------|-------------|-------------|---------------------|--------|------------|---------------------|------------------|
|           |          |          |      |             |             | Ant 0               | Ant 1  |            |                     |                  |
| CDD mode  |          |          |      |             |             |                     |        |            |                     |                  |
| 11ax-HE80 | 26 Tone  | RU 0     | MCS0 | 7           | 5985        | -4.72               | -4.40  | 3.00       | 1.45                | ≤ 24.00          |
| 11ax-HE80 |          | RU 36    | MCS0 | 87          | 6385        | -4.29               | -5.73  | 3.00       | 1.06                | ≤ 24.00          |
| 11ax-HE80 |          | RU 0     | MCS0 | 103         | 6465        | -4.67               | -6.08  | 3.00       | 0.69                | ≤ 24.00          |
| 11ax-HE80 |          | RU 36    | MCS0 | 119         | 6545        | -4.92               | -5.88  | 3.00       | 0.64                | ≤ 24.00          |
| 11ax-HE80 |          | RU 0     | MCS0 | 135         | 6625        | -5.88               | -6.62  | 4.00       | 0.78                | ≤ 24.00          |
| 11ax-HE80 |          | RU 36    | MCS0 | 183         | 6865        | -5.77               | -6.60  | 4.00       | 0.85                | ≤ 24.00          |
| 11ax-HE80 |          | RU 0     | MCS0 | 199         | 6945        | -7.87               | -7.56  | 3.90       | -0.80               | ≤ 24.00          |
| 11ax-HE80 |          | RU 36    | MCS0 | 215         | 7025        | -21.38              | -22.04 | 3.90       | -14.79              | ≤ 24.00          |
| 11ax-HE80 | 52 Tone  | RU 74    | MCS0 | 7           | 5985        | -2.53               | -2.65  | 3.00       | 3.42                | ≤ 24.00          |
| 11ax-HE80 |          | RU 89    | MCS0 | 87          | 6385        | -2.00               | -3.24  | 3.00       | 3.43                | ≤ 24.00          |
| 11ax-HE80 |          | RU 74    | MCS0 | 103         | 6465        | -1.96               | -3.09  | 3.00       | 3.52                | ≤ 24.00          |
| 11ax-HE80 |          | RU 89    | MCS0 | 119         | 6545        | -1.99               | -2.84  | 3.00       | 3.62                | ≤ 24.00          |
| 11ax-HE80 |          | RU 74    | MCS0 | 135         | 6625        | -2.59               | -3.88  | 4.00       | 3.82                | ≤ 24.00          |
| 11ax-HE80 |          | RU 89    | MCS0 | 183         | 6865        | -2.50               | -3.65  | 4.00       | 3.97                | ≤ 24.00          |
| 11ax-HE80 |          | RU 74    | MCS0 | 199         | 6945        | -7.86               | -7.50  | 3.90       | -0.77               | ≤ 24.00          |
| 11ax-HE80 |          | RU 89    | MCS0 | 215         | 7025        | -18.29              | -19.02 | 3.90       | -11.73              | ≤ 24.00          |
| 11ax-HE80 | 106 Tone | RU 106   | MCS0 | 7           | 5985        | 0.93                | 0.86   | 3.00       | 6.91                | ≤ 24.00          |
| 11ax-HE80 |          | RU 113   | MCS0 | 87          | 6385        | 1.56                | 0.23   | 3.00       | 6.96                | ≤ 24.00          |
| 11ax-HE80 |          | RU 106   | MCS0 | 103         | 6465        | 1.40                | 0.11   | 3.00       | 6.81                | ≤ 24.00          |
| 11ax-HE80 |          | RU 113   | MCS0 | 119         | 6545        | 1.04                | 0.18   | 3.00       | 6.64                | ≤ 24.00          |
| 11ax-HE80 |          | RU 106   | MCS0 | 135         | 6625        | 0.25                | -1.13  | 4.00       | 6.62                | ≤ 24.00          |
| 11ax-HE80 |          | RU 113   | MCS0 | 183         | 6865        | -0.14               | -1.19  | 4.00       | 6.38                | ≤ 24.00          |
| 11ax-HE80 |          | RU 106   | MCS0 | 199         | 6945        | -7.19               | -7.64  | 3.90       | -0.50               | ≤ 24.00          |
| 11ax-HE80 |          | RU 113   | MCS0 | 215         | 7025        | -16.27              | -17.05 | 3.90       | -9.73               | ≤ 24.00          |
| 11ax-HE80 | 242 Tone | RU 122   | MCS0 | 7           | 5985        | 1.68                | 0.14   | 3.00       | 6.99                | ≤ 24.00          |
| 11ax-HE80 |          | RU 125   | MCS0 | 87          | 6385        | 1.45                | 0.18   | 3.00       | 6.87                | ≤ 24.00          |
| 11ax-HE80 |          | RU 122   | MCS0 | 103         | 6465        | 1.29                | 0.01   | 3.00       | 6.71                | ≤ 24.00          |
| 11ax-HE80 |          | RU 125   | MCS0 | 119         | 6545        | 1.07                | 0.10   | 3.00       | 6.62                | ≤ 24.00          |
| 11ax-HE80 |          | RU 122   | MCS0 | 135         | 6625        | 0.02                | -1.18  | 4.00       | 6.47                | ≤ 24.00          |
| 11ax-HE80 |          | RU 125   | MCS0 | 183         | 6865        | -0.21               | -1.20  | 4.00       | 6.33                | ≤ 24.00          |
| 11ax-HE80 |          | RU 122   | MCS0 | 199         | 6945        | -7.25               | -7.64  | 3.90       | -0.53               | ≤ 24.00          |
| 11ax-HE80 |          | RU 125   | MCS0 | 215         | 7025        | -14.21              | -14.48 | 3.90       | -7.43               | ≤ 24.00          |

| Test Mode | RU Size     | RU Index | Rate | Channel No. | Freq. (MHz) | Average Power (dBm) |       | Gain (dBi) | E.I.R.P Power (dBm) | EIRP Limit (dBm) |
|-----------|-------------|----------|------|-------------|-------------|---------------------|-------|------------|---------------------|------------------|
|           |             |          |      |             |             | Ant 0               | Ant 1 |            |                     |                  |
| CDD mode  |             |          |      |             |             |                     |       |            |                     |                  |
| 11ax-HE80 | 484<br>Tone | RU 130   | MCS0 | 7           | 5985        | 2.99                | 2.72  | 3.00       | 8.87                | ≤ 24.00          |
| 11ax-HE80 |             | RU 131   | MCS0 | 87          | 6385        | 3.72                | 2.64  | 3.00       | 9.22                | ≤ 24.00          |
| 11ax-HE80 |             | RU 130   | MCS0 | 103         | 6465        | 3.19                | 2.07  | 3.00       | 8.68                | ≤ 24.00          |
| 11ax-HE80 |             | RU 131   | MCS0 | 119         | 6545        | 3.41                | 2.27  | 3.00       | 8.89                | ≤ 24.00          |
| 11ax-HE80 |             | RU 130   | MCS0 | 135         | 6625        | 2.42                | 1.11  | 4.00       | 8.82                | ≤ 24.00          |
| 11ax-HE80 |             | RU 131   | MCS0 | 183         | 6865        | 1.95                | 0.91  | 4.00       | 8.47                | ≤ 24.00          |
| 11ax-HE80 |             | RU 130   | MCS0 | 199         | 6945        | 2.00                | 1.38  | 3.90       | 8.61                | ≤ 24.00          |
| 11ax-HE80 |             | RU 131   | MCS0 | 215         | 7025        | 1.59                | 1.49  | 3.90       | 8.45                | ≤ 24.00          |
| 11ax-HE80 | 996<br>Tone | RU 134   | MCS0 | 7           | 5985        | 5.70                | 5.61  | 3.00       | 11.67               | ≤ 24.00          |
| 11ax-HE80 |             | RU 134   | MCS0 | 87          | 6385        | 6.45                | 5.31  | 3.00       | 11.93               | ≤ 24.00          |
| 11ax-HE80 |             | RU 134   | MCS0 | 103         | 6465        | 6.05                | 4.88  | 3.00       | 11.51               | ≤ 24.00          |
| 11ax-HE80 |             | RU 134   | MCS0 | 119         | 6545        | 6.12                | 4.99  | 3.00       | 11.60               | ≤ 24.00          |
| 11ax-HE80 |             | RU 134   | MCS0 | 135         | 6625        | 4.06                | 2.94  | 4.00       | 10.55               | ≤ 24.00          |
| 11ax-HE80 |             | RU 134   | MCS0 | 183         | 6865        | 4.39                | 3.37  | 4.00       | 10.92               | ≤ 24.00          |
| 11ax-HE80 |             | RU 134   | MCS0 | 199         | 6945        | 5.47                | 4.05  | 3.90       | 11.73               | ≤ 24.00          |
| 11ax-HE80 |             | RU 134   | MCS0 | 215         | 7025        | 4.88                | 4.45  | 3.90       | 11.58               | ≤ 24.00          |

| Test Mode  | RU Size  | RU Index | Rate | Channel No. | Freq. (MHz) | Average Power (dBm) |       | Gain (dBi) | E.I.R.P Power (dBm) | EIRP Limit (dBm) |
|------------|----------|----------|------|-------------|-------------|---------------------|-------|------------|---------------------|------------------|
|            |          |          |      |             |             | Ant 0               | Ant 1 |            |                     |                  |
| CDD mode   |          |          |      |             |             |                     |       |            |                     |                  |
| 11ax-HE160 | 26 Tone  | RU 0     | MCS0 | 15          | 6025        | -4.72               | -5.00 | 3.00       | 1.15                | ≤ 24.00          |
| 11ax-HE160 |          | RU 73    | MCS0 | 79          | 6345        | -4.18               | -5.45 | 3.00       | 1.24                | ≤ 24.00          |
| 11ax-HE160 |          | RU 0     | MCS0 | 111         | 6505        | -5.55               | -7.01 | 3.00       | -0.21               | ≤ 24.00          |
| 11ax-HE160 |          | RU 73    | MCS0 | 143         | 6665        | -5.68               | -6.81 | 4.00       | 0.80                | ≤ 24.00          |
| 11ax-HE160 |          | RU 73    | MCS0 | 207         | 6985        | -7.88               | -7.90 | 3.90       | -0.98               | ≤ 24.00          |
| 11ax-HE160 | 52 Tone  | RU 74    | MCS0 | 15          | 6025        | -2.15               | -2.47 | 3.00       | 3.70                | ≤ 24.00          |
| 11ax-HE160 |          | RU 105   | MCS0 | 79          | 6345        | -1.99               | -3.12 | 3.00       | 3.49                | ≤ 24.00          |
| 11ax-HE160 |          | RU 74    | MCS0 | 111         | 6505        | -2.29               | -3.42 | 3.00       | 3.19                | ≤ 24.00          |
| 11ax-HE160 |          | RU 105   | MCS0 | 143         | 6665        | -2.42               | -3.41 | 4.00       | 4.12                | ≤ 24.00          |
| 11ax-HE160 |          | RU 105   | MCS0 | 207         | 6985        | -7.72               | -8.46 | 3.90       | -1.16               | ≤ 24.00          |
| 11ax-HE160 | 106 Tone | RU 106   | MCS0 | 15          | 6025        | 0.69                | 0.54  | 3.00       | 6.63                | ≤ 24.00          |
| 11ax-HE160 |          | RU 121   | MCS0 | 79          | 6345        | 1.59                | 0.34  | 3.00       | 7.02                | ≤ 24.00          |
| 11ax-HE160 |          | RU 106   | MCS0 | 111         | 6505        | 1.10                | -0.09 | 3.00       | 6.56                | ≤ 24.00          |
| 11ax-HE160 |          | RU 121   | MCS0 | 143         | 6665        | -0.09               | -0.94 | 4.00       | 6.52                | ≤ 24.00          |
| 11ax-HE160 |          | RU 121   | MCS0 | 207         | 6985        | -7.62               | -8.45 | 3.90       | -1.10               | ≤ 24.00          |
| 11ax-HE160 | 242 Tone | RU 122   | MCS0 | 15          | 6025        | 1.32                | 1.18  | 3.00       | 7.26                | ≤ 24.00          |
| 11ax-HE160 |          | RU 129   | MCS0 | 79          | 6345        | 1.50                | 0.28  | 3.00       | 6.94                | ≤ 24.00          |
| 11ax-HE160 |          | RU 122   | MCS0 | 111         | 6505        | 1.44                | 0.26  | 3.00       | 6.90                | ≤ 24.00          |
| 11ax-HE160 |          | RU 129   | MCS0 | 143         | 6665        | -0.20               | -1.12 | 4.00       | 6.37                | ≤ 24.00          |
| 11ax-HE160 |          | RU 129   | MCS0 | 207         | 6985        | -7.00               | -7.67 | 3.90       | -0.41               | ≤ 24.00          |
| 11ax-HE160 | 484 Tone | RU 130   | MCS0 | 15          | 6025        | 2.96                | 2.78  | 3.00       | 8.88                | ≤ 24.00          |
| 11ax-HE160 |          | RU 133   | MCS0 | 79          | 6345        | 3.82                | 2.86  | 3.00       | 9.38                | ≤ 24.00          |
| 11ax-HE160 |          | RU 130   | MCS0 | 111         | 6505        | 3.82                | 2.61  | 3.00       | 9.27                | ≤ 24.00          |
| 11ax-HE160 |          | RU 133   | MCS0 | 143         | 6665        | 2.18                | 1.07  | 4.00       | 8.67                | ≤ 24.00          |
| 11ax-HE160 |          | RU 133   | MCS0 | 207         | 6985        | 2.02                | 1.33  | 3.90       | 8.60                | ≤ 24.00          |
| 11ax-HE160 | 996 Tone | RU 134   | MCS0 | 15          | 6025        | 5.38                | 4.89  | 3.00       | 11.15               | ≤ 24.00          |
| 11ax-HE160 |          | RU 135   | MCS0 | 79          | 6345        | 5.92                | 4.85  | 3.00       | 11.43               | ≤ 24.00          |
| 11ax-HE160 |          | RU 134   | MCS0 | 111         | 6505        | 5.75                | 4.65  | 3.00       | 11.25               | ≤ 24.00          |
| 11ax-HE160 |          | RU 135   | MCS0 | 143         | 6665        | 3.60                | 2.34  | 4.00       | 10.03               | ≤ 24.00          |
| 11ax-HE160 |          | RU 135   | MCS0 | 207         | 6985        | 4.99                | 4.07  | 3.90       | 11.46               | ≤ 24.00          |

| Test Mode  | RU Size   | RU Index | Rate | Channel No. | Freq. (MHz) | Average Power (dBm) |       | Gain (dBi) | E.I.R.P Power (dBm) | EIRP Limit (dBm) |
|------------|-----------|----------|------|-------------|-------------|---------------------|-------|------------|---------------------|------------------|
|            |           |          |      |             |             | Ant 0               | Ant 1 |            |                     |                  |
| CDD mode   |           |          |      |             |             |                     |       |            |                     |                  |
| 11ax-HE160 | 1992 Tone | RU 136   | MCS0 | 15          | 6025        | 7.49                | 6.94  | 3.00       | 13.23               | ≤ 24.00          |
| 11ax-HE160 |           | RU 136   | MCS0 | 79          | 6345        | 8.00                | 7.95  | 3.00       | 13.99               | ≤ 24.00          |
| 11ax-HE160 |           | RU 136   | MCS0 | 111         | 6505        | 7.77                | 7.91  | 3.00       | 13.85               | ≤ 24.00          |
| 11ax-HE160 |           | RU 136   | MCS0 | 143         | 6665        | 7.26                | 7.22  | 4.00       | 14.25               | ≤ 24.00          |
| 11ax-HE160 |           | RU 136   | MCS0 | 207         | 6985        | 7.54                | 7.03  | 3.90       | 14.20               | ≤ 24.00          |

Note 1: Total Average Power (dBm) =  $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\}$ .

Note 2: CDD EIRP Power (dBm) = Total Average Power (dBm) + CDD Directional Gain (dBi).

### Client Standard Power

| Test Mode  | Data Rate/<br>MCS | Channel No. | Freq.<br>(MHz) | Average Power (dBm) |       | Gain<br>(dBi) | E.I.R.P Power<br>(dBm) | EIRP Limit<br>(dBm) |
|------------|-------------------|-------------|----------------|---------------------|-------|---------------|------------------------|---------------------|
|            | Ant 0             |             |                | Ant 1               |       |               |                        |                     |
| CDD mode   |                   |             |                |                     |       |               |                        |                     |
| 11a        | MCS0              | 2           | 5935           | 6.48                | 5.98  | 3.00          | 12.25                  | ≤ 30.00             |
| 11a        | MCS0              | 1           | 5955           | 8.47                | 7.93  | 3.00          | 14.22                  | ≤ 30.00             |
| 11a        | MCS0              | 49          | 6195           | 7.95                | 8.08  | 3.00          | 14.03                  | ≤ 30.00             |
| 11a        | MCS0              | 93          | 6415           | 8.33                | 8.43  | 3.00          | 14.39                  | ≤ 30.00             |
| 11a        | MCS0              | 117         | 6535           | 8.09                | 8.45  | 4.00          | 15.28                  | ≤ 30.00             |
| 11a        | MCS0              | 153         | 6715           | 8.30                | 8.49  | 4.00          | 15.41                  | ≤ 30.00             |
| 11a        | MCS0              | 181         | 6855           | 8.04                | 8.22  | 4.00          | 15.14                  | ≤ 30.00             |
| 11ax-HE20  | MCS0              | 2           | 5935           | -9.06               | -9.46 | 3.00          | -3.25                  | ≤ 30.00             |
| 11ax-HE20  | MCS0              | 1           | 5955           | 8.36                | 7.78  | 3.00          | 14.09                  | ≤ 30.00             |
| 11ax-HE20  | MCS0              | 49          | 6195           | 8.08                | 8.23  | 3.00          | 14.17                  | ≤ 30.00             |
| 11ax-HE20  | MCS0              | 93          | 6415           | 8.24                | 8.47  | 3.00          | 14.37                  | ≤ 30.00             |
| 11ax-HE20  | MCS0              | 117         | 6535           | 8.08                | 8.48  | 4.00          | 15.29                  | ≤ 30.00             |
| 11ax-HE20  | MCS0              | 153         | 6715           | 8.30                | 8.49  | 4.00          | 15.41                  | ≤ 30.00             |
| 11ax-HE20  | MCS0              | 181         | 6855           | 8.05                | 8.34  | 4.00          | 15.21                  | ≤ 30.00             |
| 11ax-HE40  | MCS0              | 3           | 5965           | 8.31                | 8.17  | 3.00          | 14.25                  | ≤ 30.00             |
| 11ax-HE40  | MCS0              | 51          | 6205           | 7.92                | 8.18  | 3.00          | 14.06                  | ≤ 30.00             |
| 11ax-HE40  | MCS0              | 91          | 6405           | 8.31                | 8.38  | 3.00          | 14.36                  | ≤ 30.00             |
| 11ax-HE40  | MCS0              | 123         | 6565           | 8.24                | 8.31  | 4.00          | 15.29                  | ≤ 30.00             |
| 11ax-HE40  | MCS0              | 147         | 6685           | 8.22                | 8.09  | 4.00          | 15.17                  | ≤ 30.00             |
| 11ax-HE40  | MCS0              | 179         | 6845           | 8.07                | 8.03  | 4.00          | 15.06                  | ≤ 30.00             |
| 11ax-HE80  | MCS0              | 7           | 5985           | 8.43                | 8.25  | 3.00          | 14.35                  | ≤ 30.00             |
| 11ax-HE80  | MCS0              | 55          | 6225           | 8.15                | 8.32  | 3.00          | 14.25                  | ≤ 30.00             |
| 11ax-HE80  | MCS0              | 87          | 6385           | 8.21                | 8.12  | 3.00          | 14.18                  | ≤ 30.00             |
| 11ax-HE80  | MCS0              | 135         | 6625           | 8.09                | 7.99  | 4.00          | 15.05                  | ≤ 30.00             |
| 11ax-HE80  | MCS0              | 151         | 6705           | 8.12                | 8.02  | 4.00          | 15.08                  | ≤ 30.00             |
| 11ax-HE80  | MCS0              | 167         | 6785           | 8.05                | 8.00  | 4.00          | 15.04                  | ≤ 30.00             |
| 11ax-HE160 | MCS0              | 15          | 6025           | 8.22                | 8.17  | 3.00          | 14.21                  | ≤ 30.00             |
| 11ax-HE160 | MCS0              | 47          | 6185           | 7.99                | 8.29  | 3.00          | 14.15                  | ≤ 30.00             |
| 11ax-HE160 | MCS0              | 79          | 6345           | 8.39                | 8.50  | 3.00          | 14.46                  | ≤ 30.00             |
| 11ax-HE160 | MCS0              | 143         | 6665           | 8.15                | 8.22  | 4.00          | 15.20                  | ≤ 30.00             |

| Test Mode | RU Size  | RU Index | Rate | Channel No. | Freq. (MHz) | Average Power (dBm) |       | Gain (dBi) | E.I.R.P Power (dBm) | EIRP Limit (dBm) |
|-----------|----------|----------|------|-------------|-------------|---------------------|-------|------------|---------------------|------------------|
|           |          |          |      |             |             | Ant 0               | Ant 1 |            |                     |                  |
| CDD mode  |          |          |      |             |             |                     |       |            |                     |                  |
| 11ax-HE20 | 26 Tone  | RU 0     | MCS0 | 1           | 5955        | 8.46                | 7.62  | 3.00       | 14.07               | ≤ 30.00          |
| 11ax-HE20 |          | RU 8     | MCS0 | 49          | 6195        | 8.02                | 7.98  | 3.00       | 14.01               | ≤ 30.00          |
| 11ax-HE20 |          | RU 8     | MCS0 | 93          | 6415        | 8.45                | 8.12  | 3.00       | 14.30               | ≤ 30.00          |
| 11ax-HE20 |          | RU 0     | MCS0 | 117         | 6535        | 7.86                | 8.34  | 4.00       | 15.12               | ≤ 30.00          |
| 11ax-HE20 |          | RU 8     | MCS0 | 153         | 6715        | 8.30                | 8.46  | 4.00       | 15.39               | ≤ 30.00          |
| 11ax-HE20 |          | RU 8     | MCS0 | 181         | 6855        | 8.01                | 8.23  | 4.00       | 15.13               | ≤ 30.00          |
| 11ax-HE20 | 52 Tone  | RU 74    | MCS0 | 1           | 5955        | 8.46                | 7.63  | 3.00       | 14.08               | ≤ 30.00          |
| 11ax-HE20 |          | RU 77    | MCS0 | 49          | 6195        | 7.88                | 7.96  | 3.00       | 13.93               | ≤ 30.00          |
| 11ax-HE20 |          | RU 77    | MCS0 | 93          | 6415        | 8.30                | 8.13  | 3.00       | 14.23               | ≤ 30.00          |
| 11ax-HE20 |          | RU 74    | MCS0 | 117         | 6535        | 8.22                | 8.38  | 4.00       | 15.31               | ≤ 30.00          |
| 11ax-HE20 |          | RU 77    | MCS0 | 153         | 6715        | 8.30                | 8.05  | 4.00       | 15.19               | ≤ 30.00          |
| 11ax-HE20 |          | RU 77    | MCS0 | 181         | 6855        | 8.08                | 7.97  | 4.00       | 15.04               | ≤ 30.00          |
| 11ax-HE20 | 106 Tone | RU 106   | MCS0 | 1           | 5955        | 8.23                | 7.69  | 3.00       | 13.98               | ≤ 30.00          |
| 11ax-HE20 |          | RU 107   | MCS0 | 49          | 6195        | 7.89                | 8.11  | 3.00       | 14.01               | ≤ 30.00          |
| 11ax-HE20 |          | RU 107   | MCS0 | 93          | 6415        | 8.33                | 8.33  | 3.00       | 14.34               | ≤ 30.00          |
| 11ax-HE20 |          | RU 106   | MCS0 | 117         | 6535        | 8.22                | 8.37  | 4.00       | 15.31               | ≤ 30.00          |
| 11ax-HE20 |          | RU 107   | MCS0 | 153         | 6715        | 8.16                | 8.08  | 4.00       | 15.13               | ≤ 30.00          |
| 11ax-HE20 |          | RU 107   | MCS0 | 181         | 6855        | 8.07                | 7.96  | 4.00       | 15.03               | ≤ 30.00          |
| 11ax-HE20 | 242 Tone | RU 122   | MCS0 | 1           | 5955        | 8.11                | 7.68  | 3.00       | 13.91               | ≤ 30.00          |
| 11ax-HE20 |          | RU 122   | MCS0 | 93          | 6415        | 8.02                | 7.97  | 3.00       | 14.01               | ≤ 30.00          |
| 11ax-HE20 |          | RU 122   | MCS0 | 117         | 6535        | 8.14                | 8.33  | 4.00       | 15.25               | ≤ 30.00          |
| 11ax-HE20 |          | RU 122   | MCS0 | 181         | 6855        | 8.16                | 8.09  | 4.00       | 15.14               | ≤ 30.00          |

| Test Mode | RU Size  | RU Index | Rate | Channel No. | Freq. (MHz) | Average Power (dBm) |       | Gain (dBi) | E.I.R.P Power (dBm) | EIRP Limit (dBm) |
|-----------|----------|----------|------|-------------|-------------|---------------------|-------|------------|---------------------|------------------|
|           |          |          |      |             |             | Ant 0               | Ant 1 |            |                     |                  |
| CDD mode  |          |          |      |             |             |                     |       |            |                     |                  |
| 11ax-HE40 | 26 Tone  | RU 0     | MCS0 | 3           | 5965        | 8.14                | 7.56  | 3.00       | 13.87               | ≤ 30.00          |
| 11ax-HE40 |          | RU 17    | MCS0 | 91          | 6405        | 8.26                | 8.13  | 3.00       | 14.21               | ≤ 30.00          |
| 11ax-HE40 |          | RU 0     | MCS0 | 123         | 6565        | 7.56                | 7.87  | 4.00       | 14.73               | ≤ 30.00          |
| 11ax-HE40 |          | RU 17    | MCS0 | 179         | 6845        | 7.97                | 8.01  | 4.00       | 15.00               | ≤ 30.00          |
| 11ax-HE40 | 52 Tone  | RU 74    | MCS0 | 3           | 5965        | 8.30                | 8.07  | 3.00       | 14.20               | ≤ 30.00          |
| 11ax-HE40 |          | RU 81    | MCS0 | 91          | 6405        | 7.82                | 7.77  | 3.00       | 13.81               | ≤ 30.00          |
| 11ax-HE40 |          | RU 74    | MCS0 | 123         | 6565        | 8.05                | 8.35  | 4.00       | 15.21               | ≤ 30.00          |
| 11ax-HE40 |          | RU 81    | MCS0 | 179         | 6845        | 7.54                | 7.65  | 4.00       | 14.61               | ≤ 30.00          |
| 11ax-HE40 | 106 Tone | RU 106   | MCS0 | 3           | 5965        | 7.98                | 7.77  | 3.00       | 13.89               | ≤ 30.00          |
| 11ax-HE40 |          | RU 109   | MCS0 | 91          | 6405        | 8.21                | 8.39  | 3.00       | 14.31               | ≤ 30.00          |
| 11ax-HE40 |          | RU 106   | MCS0 | 123         | 6565        | 7.99                | 8.07  | 4.00       | 15.04               | ≤ 30.00          |
| 11ax-HE40 |          | RU 109   | MCS0 | 179         | 6845        | 7.90                | 7.98  | 4.00       | 14.95               | ≤ 30.00          |
| 11ax-HE40 | 242 Tone | RU 122   | MCS0 | 3           | 5965        | 8.26                | 7.88  | 3.00       | 14.08               | ≤ 30.00          |
| 11ax-HE40 |          | RU 123   | MCS0 | 91          | 6405        | 7.95                | 7.86  | 3.00       | 13.92               | ≤ 30.00          |
| 11ax-HE40 |          | RU 122   | MCS0 | 123         | 6565        | 7.86                | 8.00  | 4.00       | 14.94               | ≤ 30.00          |
| 11ax-HE40 |          | RU 123   | MCS0 | 179         | 6845        | 7.87                | 7.99  | 4.00       | 14.94               | ≤ 30.00          |
| 11ax-HE40 | 484 Tone | RU 130   | MCS0 | 3           | 5965        | 8.23                | 7.90  | 3.00       | 14.08               | ≤ 30.00          |
| 11ax-HE40 |          | RU 130   | MCS0 | 91          | 6405        | 7.94                | 8.02  | 3.00       | 13.99               | ≤ 30.00          |
| 11ax-HE40 |          | RU 130   | MCS0 | 123         | 6565        | 7.84                | 7.92  | 4.00       | 14.89               | ≤ 30.00          |
| 11ax-HE40 |          | RU 130   | MCS0 | 179         | 6845        | 7.64                | 7.68  | 4.00       | 14.67               | ≤ 30.00          |

| Test Mode | RU Size  | RU Index | Rate | Channel No. | Freq. (MHz) | Average Power (dBm) |       | Gain (dBi) | E.I.R.P Power (dBm) | EIRP Limit (dBm) |
|-----------|----------|----------|------|-------------|-------------|---------------------|-------|------------|---------------------|------------------|
|           |          |          |      |             |             | Ant 0               | Ant 1 |            |                     |                  |
| CDD mode  |          |          |      |             |             |                     |       |            |                     |                  |
| 11ax-HE80 | 26 Tone  | RU 0     | MCS0 | 7           | 5985        | 8.22                | 7.77  | 3.00       | 14.01               | ≤ 30.00          |
| 11ax-HE80 |          | RU 36    | MCS0 | 87          | 6385        | 8.24                | 8.02  | 3.00       | 14.14               | ≤ 30.00          |
| 11ax-HE80 |          | RU 0     | MCS0 | 135         | 6625        | 7.86                | 8.14  | 4.00       | 15.01               | ≤ 30.00          |
| 11ax-HE80 |          | RU 36    | MCS0 | 167         | 6785        | 8.02                | 8.18  | 4.00       | 15.11               | ≤ 30.00          |
| 11ax-HE80 | 52 Tone  | RU 74    | MCS0 | 7           | 5985        | 8.21                | 7.83  | 3.00       | 14.03               | ≤ 30.00          |
| 11ax-HE80 |          | RU 89    | MCS0 | 87          | 6385        | 8.24                | 8.11  | 3.00       | 14.19               | ≤ 30.00          |
| 11ax-HE80 |          | RU 74    | MCS0 | 135         | 6625        | 8.32                | 8.23  | 4.00       | 15.29               | ≤ 30.00          |
| 11ax-HE80 |          | RU 89    | MCS0 | 167         | 6785        | 7.62                | 7.77  | 4.00       | 14.71               | ≤ 30.00          |
| 11ax-HE80 | 106 Tone | RU 106   | MCS0 | 7           | 5985        | 7.98                | 7.92  | 3.00       | 13.96               | ≤ 30.00          |
| 11ax-HE80 |          | RU 113   | MCS0 | 87          | 6385        | 8.24                | 8.26  | 3.00       | 14.26               | ≤ 30.00          |
| 11ax-HE80 |          | RU 106   | MCS0 | 135         | 6625        | 8.41                | 8.14  | 4.00       | 15.29               | ≤ 30.00          |
| 11ax-HE80 |          | RU 113   | MCS0 | 167         | 6785        | 7.53                | 7.74  | 4.00       | 14.65               | ≤ 30.00          |
| 11ax-HE80 | 242 Tone | RU 122   | MCS0 | 7           | 5985        | 8.02                | 7.68  | 3.00       | 13.86               | ≤ 30.00          |
| 11ax-HE80 |          | RU 125   | MCS0 | 87          | 6385        | 7.65                | 7.45  | 3.00       | 13.56               | ≤ 30.00          |
| 11ax-HE80 |          | RU 122   | MCS0 | 135         | 6625        | 8.22                | 8.17  | 4.00       | 15.21               | ≤ 30.00          |
| 11ax-HE80 |          | RU 125   | MCS0 | 167         | 6785        | 8.21                | 7.95  | 4.00       | 15.09               | ≤ 30.00          |
| 11ax-HE80 | 484 Tone | RU 130   | MCS0 | 7           | 5985        | 8.40                | 7.65  | 3.00       | 14.05               | ≤ 30.00          |
| 11ax-HE80 |          | RU 131   | MCS0 | 87          | 6385        | 7.81                | 7.33  | 3.00       | 13.59               | ≤ 30.00          |
| 11ax-HE80 |          | RU 130   | MCS0 | 135         | 6625        | 7.94                | 7.54  | 4.00       | 14.75               | ≤ 30.00          |
| 11ax-HE80 |          | RU 131   | MCS0 | 167         | 6785        | 7.58                | 7.62  | 4.00       | 14.61               | ≤ 30.00          |
| 11ax-HE80 | 996 Tone | RU 134   | MCS0 | 7           | 5985        | 8.54                | 7.90  | 3.00       | 14.24               | ≤ 30.00          |
| 11ax-HE80 |          | RU 134   | MCS0 | 87          | 6385        | 7.93                | 7.63  | 3.00       | 13.79               | ≤ 30.00          |
| 11ax-HE80 |          | RU 134   | MCS0 | 135         | 6625        | 7.97                | 7.39  | 4.00       | 14.70               | ≤ 30.00          |
| 11ax-HE80 |          | RU 134   | MCS0 | 167         | 6785        | 7.85                | 7.59  | 4.00       | 14.73               | ≤ 30.00          |

| Test Mode  | RU Size   | RU Index | Rate | Channel No. | Freq. (MHz) | Average Power (dBm) |       | Gain (dBi) | E.I.R.P Power (dBm) | EIRP Limit (dBm) |
|------------|-----------|----------|------|-------------|-------------|---------------------|-------|------------|---------------------|------------------|
|            |           |          |      |             |             | Ant 0               | Ant 1 |            |                     |                  |
| CDD mode   |           |          |      |             |             |                     |       |            |                     |                  |
| 11ax-HE160 | 26 Tone   | RU 0     | MCS0 | 15          | 6025        | 8.22                | 7.43  | 3.00       | 13.85               | ≤ 30.00          |
| 11ax-HE160 |           | RU 73    | MCS0 | 79          | 6345        | 8.37                | 7.66  | 3.00       | 14.04               | ≤ 30.00          |
| 11ax-HE160 |           | RU 73    | MCS0 | 143         | 6665        | 8.29                | 7.86  | 4.00       | 15.09               | ≤ 30.00          |
| 11ax-HE160 | 52 Tone   | RU 74    | MCS0 | 15          | 6025        | 8.44                | 7.63  | 3.00       | 14.06               | ≤ 30.00          |
| 11ax-HE160 |           | RU 105   | MCS0 | 79          | 6345        | 8.36                | 7.74  | 3.00       | 14.07               | ≤ 30.00          |
| 11ax-HE160 |           | RU 105   | MCS0 | 143         | 6665        | 8.18                | 7.70  | 4.00       | 14.96               | ≤ 30.00          |
| 11ax-HE160 | 106 Tone  | RU 106   | MCS0 | 15          | 6025        | 8.35                | 7.45  | 3.00       | 13.93               | ≤ 30.00          |
| 11ax-HE160 |           | RU 121   | MCS0 | 79          | 6345        | 8.34                | 7.91  | 3.00       | 14.14               | ≤ 30.00          |
| 11ax-HE160 |           | RU 121   | MCS0 | 143         | 6665        | 8.07                | 7.80  | 4.00       | 14.95               | ≤ 30.00          |
| 11ax-HE160 | 242 Tone  | RU 122   | MCS0 | 15          | 6025        | 8.22                | 7.54  | 3.00       | 13.90               | ≤ 30.00          |
| 11ax-HE160 |           | RU 129   | MCS0 | 79          | 6345        | 7.80                | 7.37  | 3.00       | 13.60               | ≤ 30.00          |
| 11ax-HE160 |           | RU 129   | MCS0 | 143         | 6665        | 8.06                | 7.79  | 4.00       | 14.94               | ≤ 30.00          |
| 11ax-HE160 | 484 Tone  | RU 130   | MCS0 | 15          | 6025        | 8.26                | 7.30  | 3.00       | 13.82               | ≤ 30.00          |
| 11ax-HE160 |           | RU 133   | MCS0 | 79          | 6345        | 7.83                | 7.28  | 3.00       | 13.57               | ≤ 30.00          |
| 11ax-HE160 |           | RU 133   | MCS0 | 143         | 6665        | 8.00                | 7.68  | 4.00       | 14.85               | ≤ 30.00          |
| 11ax-HE160 | 996 Tone  | RU 134   | MCS0 | 15          | 6025        | 8.49                | 7.57  | 3.00       | 14.06               | ≤ 30.00          |
| 11ax-HE160 |           | RU 135   | MCS0 | 79          | 6345        | 7.71                | 7.25  | 3.00       | 13.50               | ≤ 30.00          |
| 11ax-HE160 |           | RU 135   | MCS0 | 143         | 6665        | 7.40                | 7.01  | 4.00       | 14.22               | ≤ 30.00          |
| 11ax-HE160 | 1992 Tone | RU 136   | MCS0 | 15          | 6025        | 8.54                | 7.56  | 3.00       | 14.09               | ≤ 30.00          |
| 11ax-HE160 |           | RU 136   | MCS0 | 143         | 6665        | 8.40                | 7.89  | 4.00       | 15.16               | ≤ 30.00          |

Note 1: Total Average Power (dBm) =  $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\}$ .

Note 2: CDD EIRP Power (dBm) = Total Average Power (dBm) + CDD Directional Gain (dBi).

## **6.4. Power Spectral Density**

### **6.4.1. Test Limit**

For an indoor access point operating in the 5.925-7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band.

For a subordinate device operating under the control of an indoor access point in the 5.925-7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p in any 1-megahertz band.

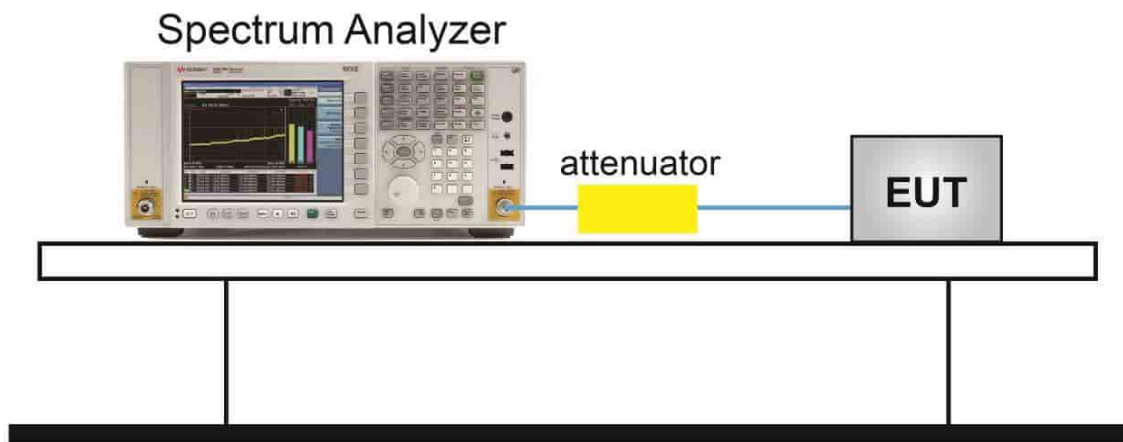
### **6.4.2. Test Procedure Used**

KDB 789033 D02v02r01-SectionF

### **6.4.3. Test Setting**

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire 26dB EBW of the signal.
3. RBW = 1MHz
4. VBW = 3MHz
5. Number of sweep points  $\geq 2 \times (\text{span} / \text{RBW})$
6. Detector = power averaging (Average)
7. Sweep time = auto
8. Trigger = free run
9. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
10. Add  $10 \cdot \log(1/x)$ , where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add  $10 \cdot \log(1/0.25) = 6$  dB if the duty cycle is 25 percent.

#### 6.4.4. Test Setup



### 6.4.5. Test Result

|           |                      |               |        |
|-----------|----------------------|---------------|--------|
| Test Site | SR6                  | Test Engineer | Marvin |
| Test Date | 2024/11/19~2024/12/2 |               |        |

#### Client Low Power Indoor

| Test Mode | Data Rate/<br>MCS | Channel<br>No. | Freq.<br>(MHz) | PSD (dBm/MHz) |         | Duty Cycle<br>(%) | Ant Gain<br>(dBi) | EIRP PSD<br>(dBm/MHz) | EIRP PSD<br>Limit<br>(dBm/MHz) |
|-----------|-------------------|----------------|----------------|---------------|---------|-------------------|-------------------|-----------------------|--------------------------------|
|           |                   |                |                | Ant 0         | Ant 1   |                   |                   |                       |                                |
| CDD mode  |                   |                |                |               |         |                   |                   |                       |                                |
| 11a       | MCS0              | 2              | 5935           | -10.072       | -10.561 | 98.67%            | 5.86              | -1.38                 | ≤ -1.00                        |
| 11a       | MCS0              | 1              | 5955           | -9.725        | -10.479 | 98.67%            | 5.86              | -1.16                 | ≤ -1.00                        |
| 11a       | MCS0              | 49             | 6195           | -10.068       | -11.002 | 98.67%            | 5.86              | -1.58                 | ≤ -1.00                        |
| 11a       | MCS0              | 93             | 6415           | -9.697        | -10.906 | 98.67%            | 5.86              | -1.33                 | ≤ -1.00                        |
| 11a       | MCS0              | 97             | 6435           | -9.377        | -10.755 | 98.67%            | 5.86              | -1.08                 | ≤ -1.00                        |
| 11a       | MCS0              | 105            | 6475           | -9.745        | -10.681 | 98.67%            | 5.86              | -1.26                 | ≤ -1.00                        |
| 11a       | MCS0              | 113            | 6515           | -9.688        | -11.108 | 98.67%            | 5.86              | -1.41                 | ≤ -1.00                        |
| 11a       | MCS0              | 117            | 6535           | -11.365       | -12.295 | 98.67%            | 6.52              | -2.22                 | ≤ -1.00                        |
| 11a       | MCS0              | 153            | 6715           | -10.571       | -12.349 | 98.67%            | 6.52              | -1.78                 | ≤ -1.00                        |
| 11a       | MCS0              | 181            | 6855           | -10.977       | -11.786 | 98.67%            | 6.52              | -1.77                 | ≤ -1.00                        |
| 11a       | MCS0              | 185            | 6875           | -10.516       | -11.390 | 98.67%            | 6.81              | -1.05                 | ≤ -1.00                        |
| 11a       | MCS0              | 189            | 6895           | -10.784       | -11.559 | 98.67%            | 6.81              | -1.28                 | ≤ -1.00                        |
| 11a       | MCS0              | 213            | 7015           | -10.454       | -11.541 | 98.67%            | 6.81              | -1.09                 | ≤ -1.00                        |
| 11a       | MCS0              | 229            | 7095           | -10.807       | -11.893 | 98.67%            | 6.81              | -1.44                 | ≤ -1.00                        |
| 11a       | MCS0              | 233            | 7115           | -11.266       | -11.834 | 98.67%            | 6.81              | -1.66                 | ≤ -1.00                        |

| Test Mode | Data Rate/<br>MCS | Channel<br>No. | Freq.<br>(MHz) | PSD (dBm/MHz) |         | Duty Cycle<br>(%) | Ant Gain<br>(dBi) | EIRP PSD<br>(dBm/MHz) | EIRP PSD<br>Limit<br>(dBm/MHz) |
|-----------|-------------------|----------------|----------------|---------------|---------|-------------------|-------------------|-----------------------|--------------------------------|
|           |                   |                |                | Ant 0         | Ant 1   |                   |                   |                       |                                |
| CDD mode  |                   |                |                |               |         |                   |                   |                       |                                |
| 11ax-HE20 | MCS0              | 2              | 5935           | -17.196       | -17.925 | 99.45%            | 5.86              | -8.65                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 1              | 5955           | -9.700        | -10.278 | 99.45%            | 5.86              | -1.09                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 49             | 6195           | -9.464        | -10.546 | 99.45%            | 5.86              | -1.08                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 93             | 6415           | -10.052       | -10.620 | 99.45%            | 5.86              | -1.43                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 97             | 6435           | -9.485        | -10.700 | 99.45%            | 5.86              | -1.16                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 105            | 6475           | -9.732        | -10.432 | 99.45%            | 5.86              | -1.17                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 113            | 6515           | -9.537        | -10.700 | 99.45%            | 5.86              | -1.19                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 117            | 6535           | -10.825       | -11.761 | 99.45%            | 6.52              | -1.71                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 153            | 6715           | -11.015       | -12.221 | 99.45%            | 6.52              | -2.02                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 181            | 6855           | -10.357       | -11.609 | 99.45%            | 6.52              | -1.38                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 185            | 6875           | -17.279       | -18.762 | 99.45%            | 6.81              | -8.11                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 189            | 6895           | -17.567       | -18.386 | 99.45%            | 6.81              | -8.11                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 213            | 7015           | -17.987       | -18.718 | 99.45%            | 6.81              | -8.49                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 229            | 7095           | -18.354       | -18.724 | 99.45%            | 6.81              | -8.69                 | ≤ -1.00                        |
| 11ax-HE20 | MCS0              | 233            | 7115           | -21.595       | -22.233 | 99.45%            | 6.81              | -12.06                | ≤ -1.00                        |
| 11ax-HE40 | MCS0              | 3              | 5965           | -9.876        | -10.513 | 98.96%            | 5.86              | -1.27                 | ≤ -1.00                        |
| 11ax-HE40 | MCS0              | 51             | 6205           | -9.688        | -11.026 | 98.96%            | 5.86              | -1.39                 | ≤ -1.00                        |
| 11ax-HE40 | MCS0              | 91             | 6405           | -9.347        | -10.636 | 98.96%            | 5.86              | -1.03                 | ≤ -1.00                        |
| 11ax-HE40 | MCS0              | 99             | 6445           | -9.760        | -10.536 | 98.96%            | 5.86              | -1.22                 | ≤ -1.00                        |
| 11ax-HE40 | MCS0              | 107            | 6485           | -9.905        | -10.921 | 98.96%            | 5.86              | -1.47                 | ≤ -1.00                        |
| 11ax-HE40 | MCS0              | 115            | 6525           | -9.840        | -10.662 | 98.96%            | 5.86              | -1.32                 | ≤ -1.00                        |
| 11ax-HE40 | MCS0              | 123            | 6565           | -11.179       | -12.205 | 98.96%            | 6.52              | -2.09                 | ≤ -1.00                        |
| 11ax-HE40 | MCS0              | 147            | 6685           | -11.383       | -12.420 | 98.96%            | 6.52              | -2.30                 | ≤ -1.00                        |
| 11ax-HE40 | MCS0              | 179            | 6845           | -11.062       | -12.426 | 98.96%            | 6.52              | -2.12                 | ≤ -1.00                        |
| 11ax-HE40 | MCS0              | 187            | 6885           | -10.610       | -11.683 | 98.96%            | 6.81              | -1.25                 | ≤ -1.00                        |
| 11ax-HE40 | MCS0              | 195            | 6925           | -11.024       | -12.414 | 98.96%            | 6.81              | -1.80                 | ≤ -1.00                        |
| 11ax-HE40 | MCS0              | 211            | 7005           | -11.631       | -12.339 | 98.96%            | 6.81              | -2.10                 | ≤ -1.00                        |
| 11ax-HE40 | MCS0              | 227            | 7085           | -12.067       | -12.179 | 98.96%            | 6.81              | -2.26                 | ≤ -1.00                        |

| Test Mode  | Data Rate/<br>MCS | Channel<br>No. | Freq.<br>(MHz) | PSD (dBm/MHz) |                    | Duty Cycle<br>(%) | Ant Gain<br>(dBi) | EIRP PSD<br>(dBm/MHz) | EIRP PSD |
|------------|-------------------|----------------|----------------|---------------|--------------------|-------------------|-------------------|-----------------------|----------|
|            | Ant 0             |                |                | Ant 1         | Limit<br>(dBm/MHz) |                   |                   |                       |          |
| CDD mode   |                   |                |                |               |                    |                   |                   |                       |          |
| 11ax-HE80  | MCS0              | 7              | 5985           | -10.055       | -10.540            | 98.74%            | 5.86              | -1.37                 | ≤ -1.00  |
| 11ax-HE80  | MCS0              | 55             | 6225           | -9.413        | -10.707            | 98.74%            | 5.86              | -1.09                 | ≤ -1.00  |
| 11ax-HE80  | MCS0              | 87             | 6385           | -9.635        | -10.368            | 98.74%            | 5.86              | -1.06                 | ≤ -1.00  |
| 11ax-HE80  | MCS0              | 103            | 6465           | -9.664        | -10.612            | 98.74%            | 5.86              | -1.19                 | ≤ -1.00  |
| 11ax-HE80  | MCS0              | 119            | 6545           | -9.837        | -11.257            | 98.74%            | 5.86              | -1.56                 | ≤ -1.00  |
| 11ax-HE80  | MCS0              | 135            | 6625           | -12.304       | -12.788            | 98.74%            | 6.52              | -2.95                 | ≤ -1.00  |
| 11ax-HE80  | MCS0              | 151            | 6705           | -11.863       | -13.281            | 98.74%            | 6.52              | -2.93                 | ≤ -1.00  |
| 11ax-HE80  | MCS0              | 183            | 6865           | -10.930       | -11.758            | 98.74%            | 6.52              | -1.74                 | ≤ -1.00  |
| 11ax-HE80  | MCS0              | 199            | 6945           | -10.829       | -11.087            | 98.74%            | 6.81              | -1.08                 | ≤ -1.00  |
| 11ax-HE80  | MCS0              | 215            | 7025           | -11.237       | -11.754            | 98.74%            | 6.81              | -1.61                 | ≤ -1.00  |
| 11ax-HE160 | MCS0              | 15             | 6025           | -11.135       | -11.577            | 98.38%            | 5.86              | -2.41                 | ≤ -1.00  |
| 11ax-HE160 | MCS0              | 47             | 6185           | -11.499       | -10.996            | 98.38%            | 5.86              | -2.30                 | ≤ -1.00  |
| 11ax-HE160 | MCS0              | 79             | 6345           | -10.693       | -10.817            | 98.38%            | 5.86              | -1.81                 | ≤ -1.00  |
| 11ax-HE160 | MCS0              | 111            | 6505           | -11.279       | -10.666            | 98.38%            | 5.86              | -2.02                 | ≤ -1.00  |
| 11ax-HE160 | MCS0              | 143            | 6665           | -11.911       | -12.507            | 98.38%            | 6.52              | -2.60                 | ≤ -1.00  |
| 11ax-HE160 | MCS0              | 175            | 6825           | -11.379       | -11.372            | 98.38%            | 6.52              | -1.77                 | ≤ -1.00  |
| 11ax-HE160 | MCS0              | 207            | 6985           | -11.884       | -12.321            | 98.38%            | 6.81              | -2.21                 | ≤ -1.00  |

Note 1: Total PSD (dBm/MHz) =  $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$

Note 2: When EUT duty cycle < 98%, EIRP PSD (dBm/MHz) = Total PSD (dBm/MHz) +  $10 \cdot \log (1/\text{Duty Cycle})$  + Directional Gain (dBi).

| Test Mode | RU Size | RU Index | Rate | Channel No. | Freq. (MHz) | PSD (dBm/MHz) |         | Duty Cycle (%) | Ant Gain (dBi) | EIRP PSD (dBm/MHz) | EIRP PSD Limit (dBm) |
|-----------|---------|----------|------|-------------|-------------|---------------|---------|----------------|----------------|--------------------|----------------------|
|           |         |          |      |             |             | Ant 0         | Ant 1   |                |                |                    |                      |
| CDD mode  |         |          |      |             |             |               |         |                |                |                    |                      |
| 11ax-HE20 | 26 Tone | RU 0     | MCS0 | 1           | 5955        | -9.643        | -10.878 | 98.82%         | 5.86           | -1.29              | ≤ -1.00              |
| 11ax-HE20 |         | RU 8     | MCS0 | 49          | 6195        | -9.793        | -10.799 | 98.82%         | 5.86           | -1.35              | ≤ -1.00              |
| 11ax-HE20 |         | RU 8     | MCS0 | 93          | 6415        | -9.481        | -10.553 | 98.82%         | 5.86           | -1.06              | ≤ -1.00              |
| 11ax-HE20 |         | RU 0     | MCS0 | 97          | 6435        | -9.711        | -11.067 | 98.82%         | 5.86           | -1.41              | ≤ -1.00              |
| 11ax-HE20 |         | RU 8     | MCS0 | 105         | 6475        | -8.833        | -11.733 | 98.82%         | 5.86           | -1.12              | ≤ -1.00              |
| 11ax-HE20 |         | RU 8     | MCS0 | 113         | 6515        | -9.298        | -11.189 | 98.82%         | 5.86           | -1.22              | ≤ -1.00              |
| 11ax-HE20 |         | RU 0     | MCS0 | 117         | 6535        | -10.265       | -11.459 | 98.82%         | 6.52           | -1.24              | ≤ -1.00              |
| 11ax-HE20 |         | RU 8     | MCS0 | 153         | 6715        | -10.229       | -11.303 | 98.82%         | 6.52           | -1.15              | ≤ -1.00              |
| 11ax-HE20 |         | RU 8     | MCS0 | 181         | 6855        | -10.293       | -11.451 | 98.82%         | 6.52           | -1.25              | ≤ -1.00              |
| 11ax-HE20 |         | RU 0     | MCS0 | 189         | 6895        | -10.700       | -11.511 | 98.82%         | 6.81           | -1.21              | ≤ -1.00              |
| 11ax-HE20 |         | RU 8     | MCS0 | 213         | 7015        | -10.685       | -11.563 | 98.82%         | 6.81           | -1.23              | ≤ -1.00              |
| 11ax-HE20 |         | RU 8     | MCS0 | 233         | 7115        | -23.597       | -23.944 | 98.82%         | 6.81           | -13.90             | ≤ -1.00              |
| 11ax-HE20 | 52 Tone | RU 74    | MCS0 | 1           | 5955        | -9.908        | -10.269 | 99.21%         | 5.86           | -1.18              | ≤ -1.00              |
| 11ax-HE20 |         | RU 77    | MCS0 | 49          | 6195        | -9.718        | -10.964 | 99.21%         | 5.86           | -1.39              | ≤ -1.00              |
| 11ax-HE20 |         | RU 77    | MCS0 | 93          | 6415        | -9.517        | -10.616 | 99.21%         | 5.86           | -1.13              | ≤ -1.00              |
| 11ax-HE20 |         | RU 74    | MCS0 | 97          | 6435        | -9.632        | -10.879 | 99.21%         | 5.86           | -1.31              | ≤ -1.00              |
| 11ax-HE20 |         | RU 77    | MCS0 | 105         | 6475        | -9.698        | -10.763 | 99.21%         | 5.86           | -1.29              | ≤ -1.00              |
| 11ax-HE20 |         | RU 77    | MCS0 | 113         | 6515        | -9.634        | -10.997 | 99.21%         | 5.86           | -1.36              | ≤ -1.00              |
| 11ax-HE20 |         | RU 74    | MCS0 | 117         | 6535        | -10.298       | -11.446 | 99.21%         | 6.52           | -1.27              | ≤ -1.00              |
| 11ax-HE20 |         | RU 77    | MCS0 | 153         | 6715        | -10.098       | -11.362 | 99.21%         | 6.52           | -1.12              | ≤ -1.00              |
| 11ax-HE20 |         | RU 77    | MCS0 | 181         | 6855        | -10.305       | -11.099 | 99.21%         | 6.52           | -1.12              | ≤ -1.00              |
| 11ax-HE20 |         | RU 74    | MCS0 | 189         | 6895        | -12.764       | -13.200 | 99.21%         | 6.81           | -3.12              | ≤ -1.00              |
| 11ax-HE20 |         | RU 77    | MCS0 | 213         | 7015        | -13.427       | -13.292 | 99.21%         | 6.81           | -3.50              | ≤ -1.00              |
| 11ax-HE20 |         | RU 77    | MCS0 | 233         | 7115        | -23.413       | -23.814 | 99.21%         | 6.81           | -13.75             | ≤ -1.00              |

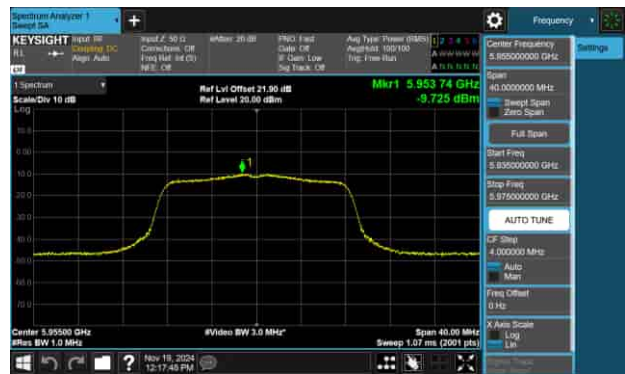
| Test Mode | RU Size     | RU Index | Rate | Channel No. | Freq. (MHz) | PSD (dBm/MHz) |         | Duty Cycle (%) | Ant Gain (dBi) | EIRP PSD (dBm/MHz) | EIRP PSD Limit (dBm) |
|-----------|-------------|----------|------|-------------|-------------|---------------|---------|----------------|----------------|--------------------|----------------------|
|           |             |          |      |             |             | Ant 0         | Ant 1   |                |                |                    |                      |
| CDD mode  |             |          |      |             |             |               |         |                |                |                    |                      |
| 11ax-HE20 | 106<br>Tone | RU 106   | MCS0 | 1           | 5955        | -10.125       | -10.230 | 99.37%         | 5.86           | -1.28              | ≤ -1.00              |
| 11ax-HE20 |             | RU 107   | MCS0 | 49          | 6195        | -9.871        | -10.854 | 99.37%         | 5.86           | -1.44              | ≤ -1.00              |
| 11ax-HE20 |             | RU 107   | MCS0 | 93          | 6415        | -9.467        | -10.567 | 99.37%         | 5.86           | -1.08              | ≤ -1.00              |
| 11ax-HE20 |             | RU 106   | MCS0 | 97          | 6435        | -9.424        | -10.658 | 99.37%         | 5.86           | -1.10              | ≤ -1.00              |
| 11ax-HE20 |             | RU 107   | MCS0 | 105         | 6475        | -9.714        | -10.337 | 99.37%         | 5.86           | -1.12              | ≤ -1.00              |
| 11ax-HE20 |             | RU 107   | MCS0 | 113         | 6515        | -9.709        | -10.600 | 99.37%         | 5.86           | -1.23              | ≤ -1.00              |
| 11ax-HE20 |             | RU 106   | MCS0 | 117         | 6535        | -10.706       | -11.326 | 99.37%         | 6.52           | -1.45              | ≤ -1.00              |
| 11ax-HE20 |             | RU 107   | MCS0 | 153         | 6715        | -10.235       | -11.351 | 99.37%         | 6.52           | -1.20              | ≤ -1.00              |
| 11ax-HE20 |             | RU 107   | MCS0 | 181         | 6855        | -10.327       | -11.545 | 99.37%         | 6.52           | -1.34              | ≤ -1.00              |
| 11ax-HE20 |             | RU 106   | MCS0 | 189         | 6895        | -15.471       | -16.443 | 99.37%         | 6.81           | -6.08              | ≤ -1.00              |
| 11ax-HE20 |             | RU 107   | MCS0 | 213         | 7015        | -14.876       | -15.672 | 99.37%         | 6.81           | -5.41              | ≤ -1.00              |
| 11ax-HE20 |             | RU 107   | MCS0 | 233         | 7115        | -24.064       | -24.794 | 99.37%         | 6.81           | -14.57             | ≤ -1.00              |
| 11ax-HE20 | 242<br>Tone | RU 122   | MCS0 | 1           | 5955        | -10.117       | -10.616 | 99.32%         | 5.86           | -1.46              | ≤ -1.00              |
| 11ax-HE20 |             | RU 122   | MCS0 | 93          | 6415        | -10.335       | -10.704 | 99.32%         | 5.86           | -1.62              | ≤ -1.00              |
| 11ax-HE20 |             | RU 122   | MCS0 | 97          | 6435        | -10.425       | -11.357 | 99.32%         | 5.86           | -1.97              | ≤ -1.00              |
| 11ax-HE20 |             | RU 122   | MCS0 | 113         | 6515        | -10.347       | -11.427 | 99.32%         | 5.86           | -1.95              | ≤ -1.00              |
| 11ax-HE20 |             | RU 122   | MCS0 | 117         | 6535        | -11.684       | -12.694 | 99.32%         | 6.52           | -2.60              | ≤ -1.00              |
| 11ax-HE20 |             | RU 122   | MCS0 | 181         | 6855        | -11.883       | -12.907 | 99.32%         | 6.52           | -2.80              | ≤ -1.00              |
| 11ax-HE20 |             | RU 122   | MCS0 | 189         | 6895        | -18.811       | -19.730 | 99.32%         | 6.81           | -9.40              | ≤ -1.00              |
| 11ax-HE20 |             | RU 122   | MCS0 | 233         | 7115        | -24.001       | -24.768 | 99.32%         | 6.81           | -14.52             | ≤ -1.00              |

## 802.11a Power Spectral Density – Ant 0

Channel 2 (5935MHz)



Channel 1 (5955MHz)



Channel 49 (6195MHz)



Channel 93 (6415MHz)



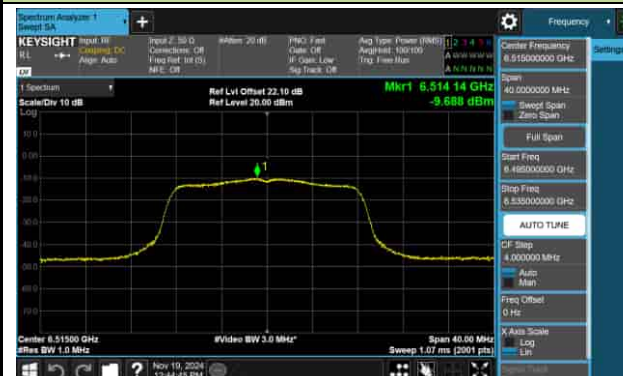
Channel 97 (6435MHz)



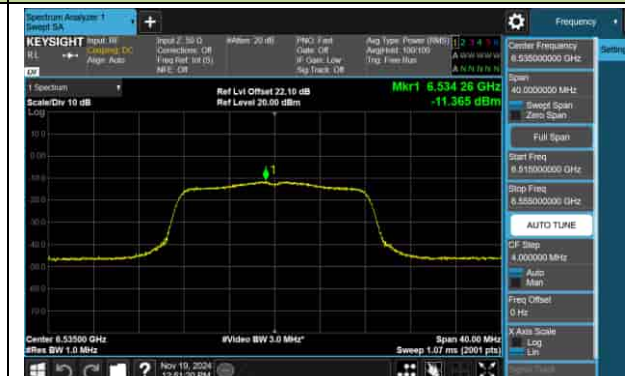
Channel 105 (6475MHz)



Channel 113 (6515MHz)



Channel 117 (6535MHz)

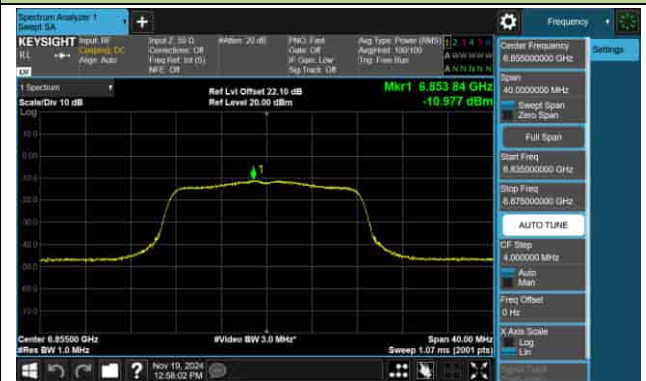


## 802.11ax-HE20 Power Spectral Density – Ant 0

Channel 153 (6715MHz)



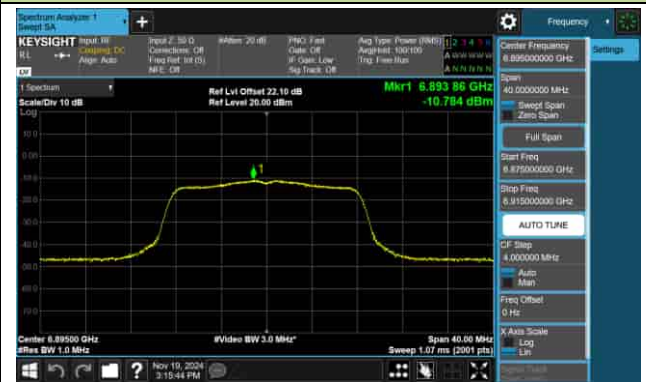
Channel 181 (6855MHz)



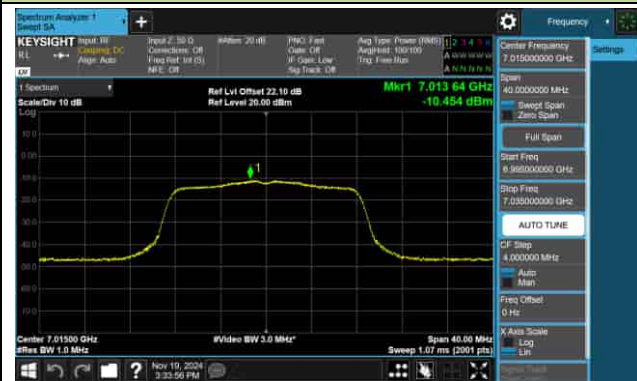
Channel 185 (6875MHz)



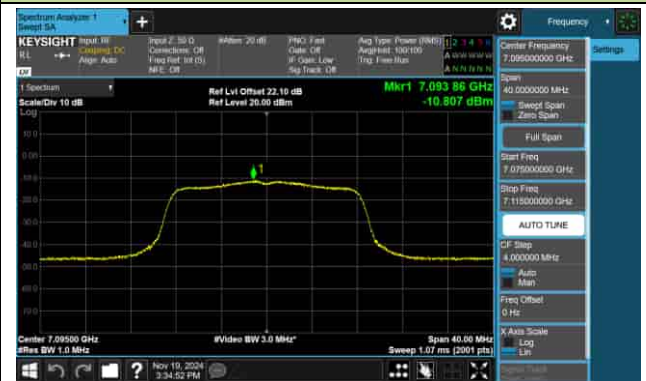
Channel 189 (6895MHz)



Channel 213 (7015MHz)



Channel 229 (7095MHz)



Channel 233 (7115MHz)



## 802.11ax-HE20 Power Spectral Density – Ant 0

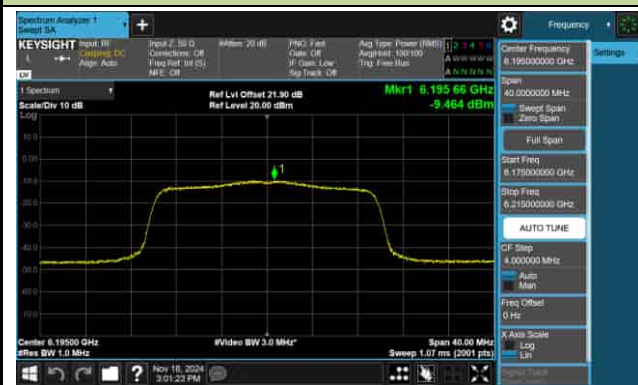
Channel 2 (5935MHz)



Channel 1 (5955MHz)



Channel 49 (6195MHz)



Channel 93 (6415MHz)



Channel 97 (6435MHz)



Channel 105 (6475MHz)



Channel 113 (6515MHz)



Channel 117 (6535MHz)

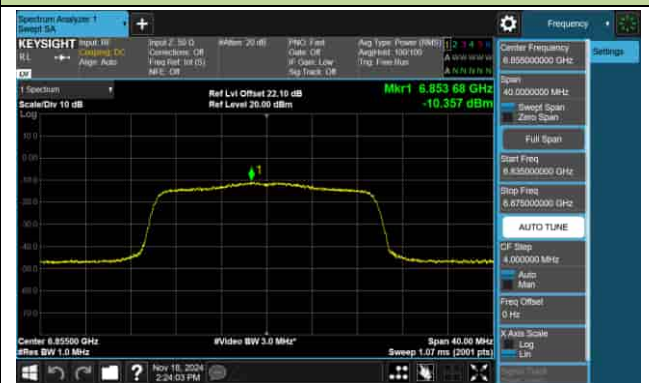


## 802.11ax-HE20 Power Spectral Density – Ant 0

Channel 153 (6715MHz)



Channel 181 (6855MHz)



Channel 185 (6875MHz)



Channel 189 (6895MHz)



Channel 213 (7015MHz)



Channel 229 (7095MHz)



Channel 233 (7115MHz)

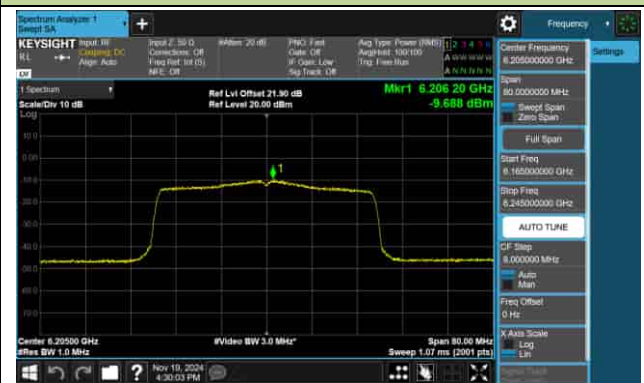


## 802.11ax-HE40 Power Spectral Density – Ant 0

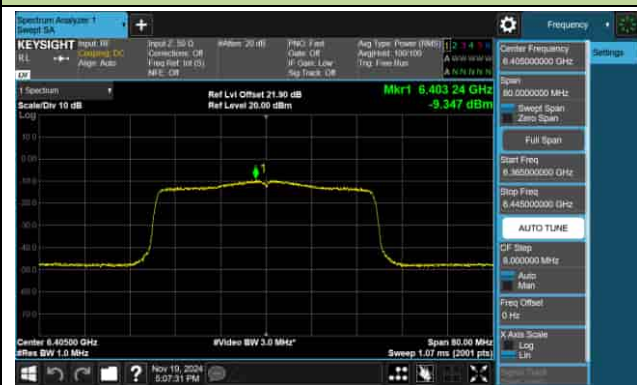
Channel 3 (5965MHz)



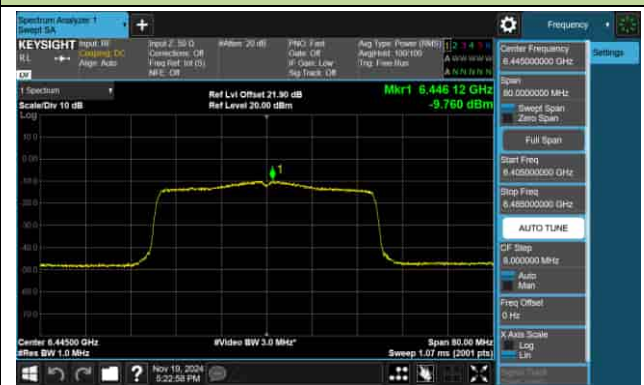
Channel 51 (6205MHz)



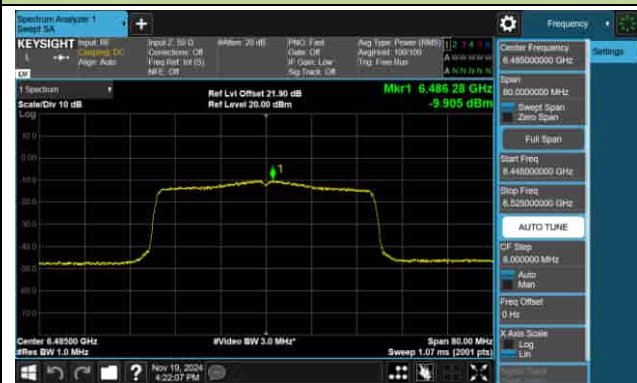
Channel 91 (6405MHz)



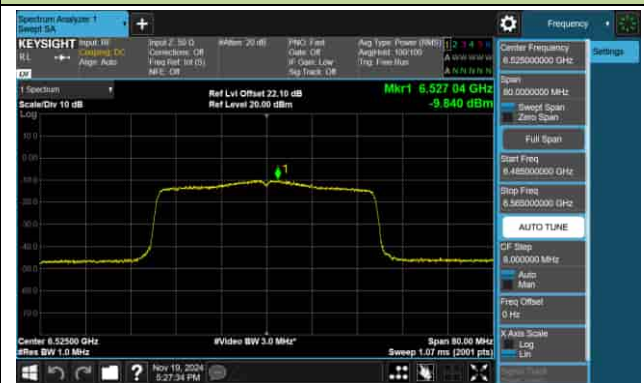
Channel 99 (6445MHz)



Channel 107 (6485MHz)



Channel 115 (6525MHz)



Channel 123 (6565MHz)

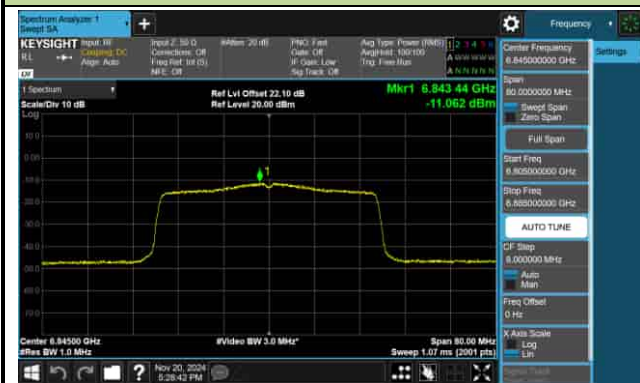


Channel 147 (6685MHz)



## 802.11ax-HE40 Power Spectral Density – Ant 0

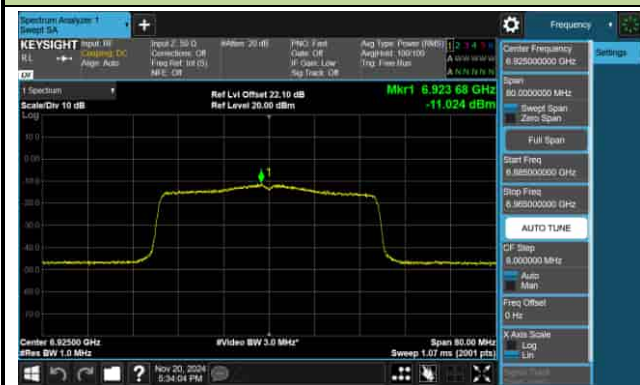
Channel 179 (6845MHz)



Channel 187 (6885MHz)



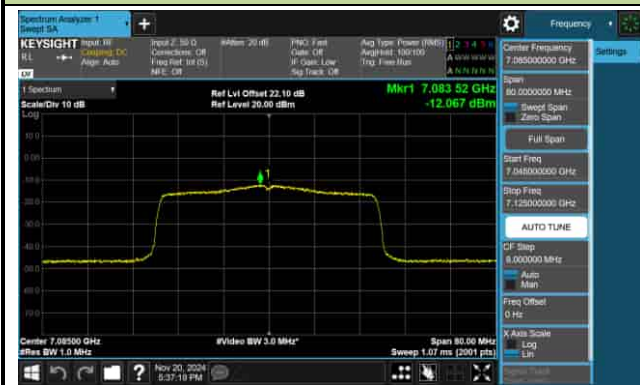
Channel 195 (6925MHz)



Channel 211 (7005MHz)

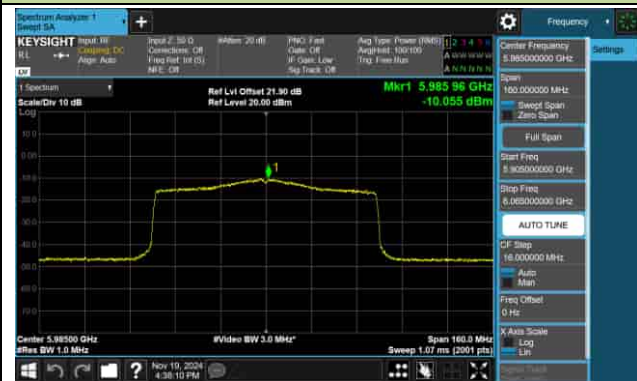


Channel 227 (7085MHz)

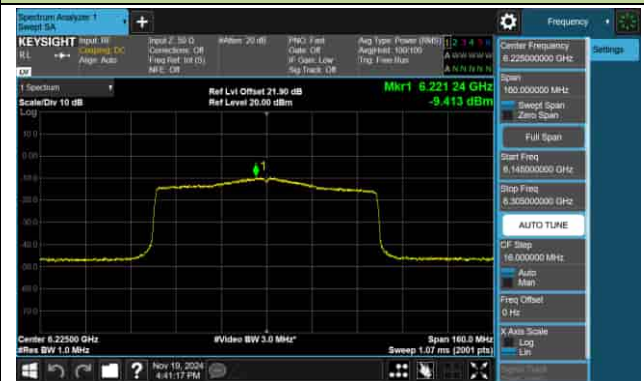


## 802.11ax-HE80 Power Spectral Density – Ant 0

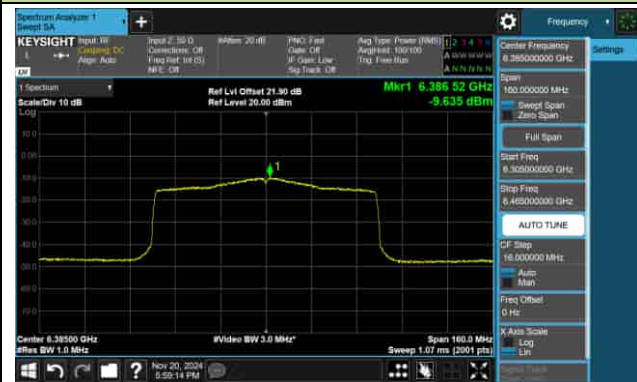
Channel 7 (5985MHz)



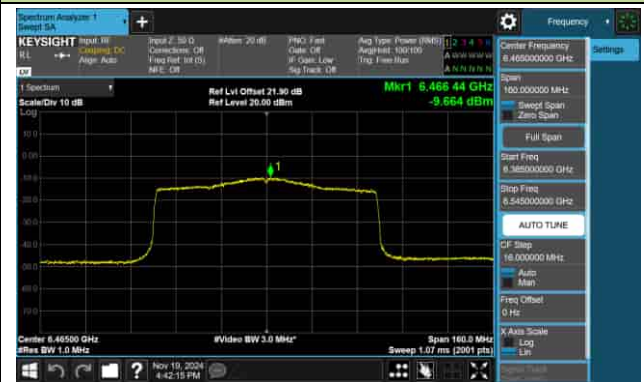
Channel 55 (6225MHz)



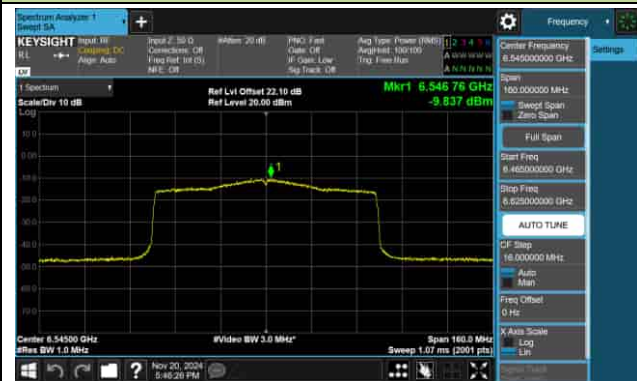
Channel 87 (6385MHz)



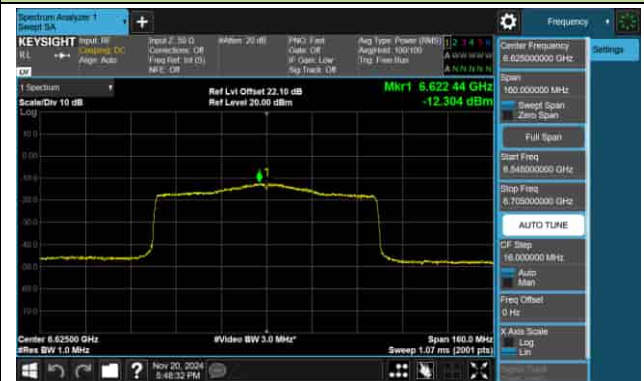
Channel 103 (6465MHz)



Channel 119 (6545MHz)



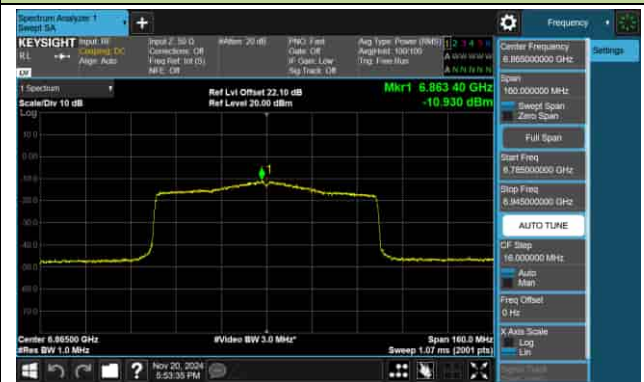
Channel 135 (6625MHz)



Channel 151 (6705MHz)

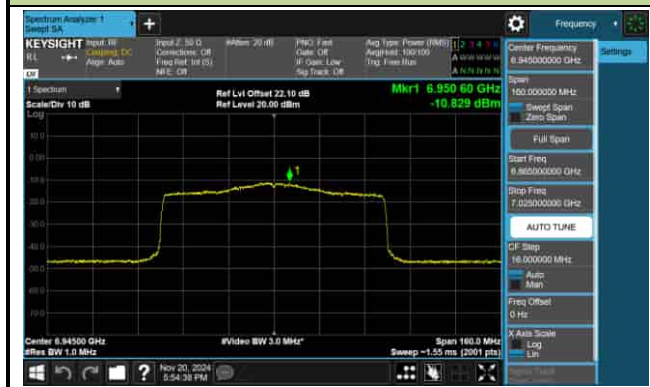


Channel 183 (6865MHz)



## 802.11ax-HE80 Power Spectral Density – Ant 0

Channel 199 (6945MHz)

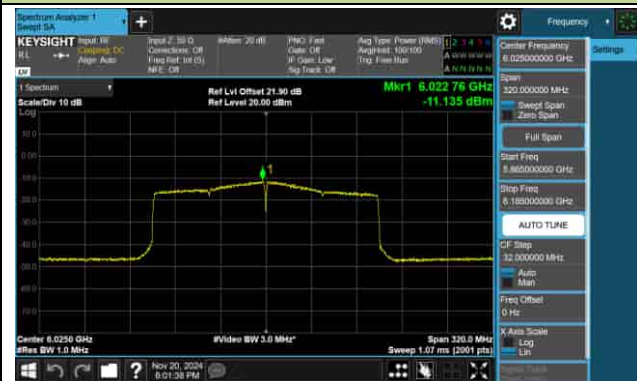


Channel 215 (7025MHz)

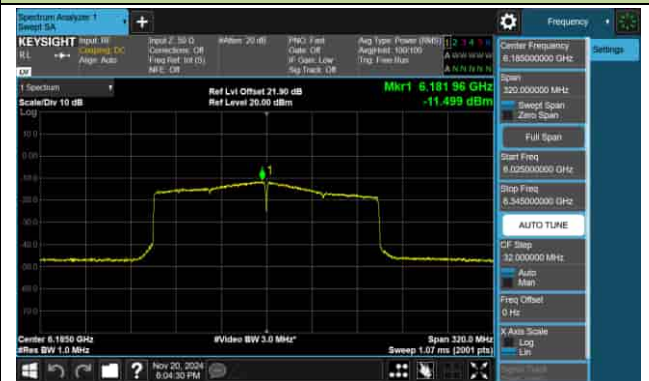


## 802.11ax-HE160 Power Spectral Density – Ant 0

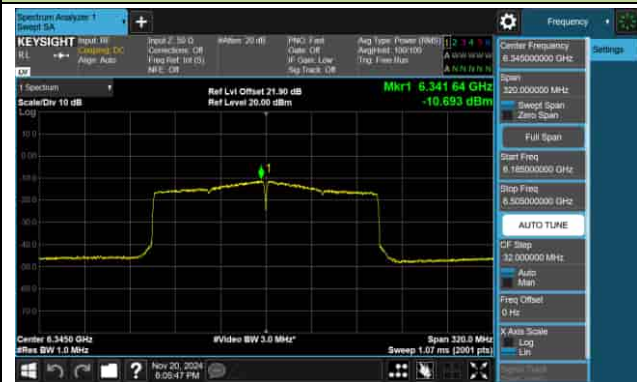
Channel 15 (6025MHz)



Channel 47 (6185MHz)



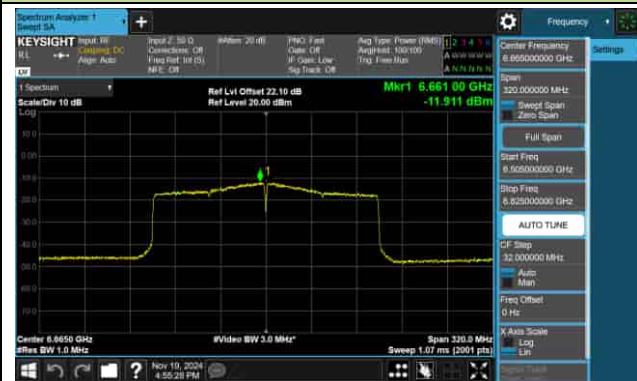
Channel 79 (6345MHz)



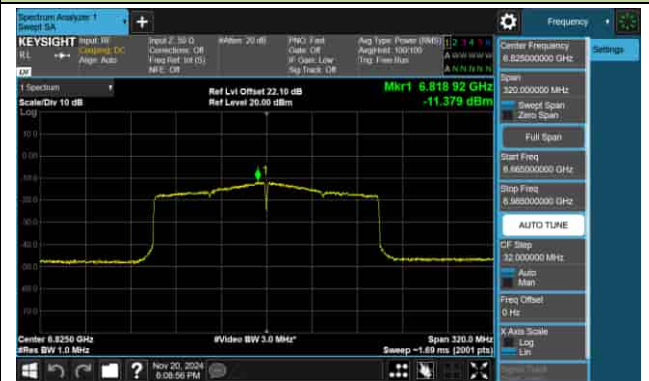
Channel 111 (6505MHz)



Channel 143 (6665MHz)



Channel 175 (6825MHz)



Channel 207 (6985MHz)



## 802.11ax-HE20 Power Spectral Density - Ant 0

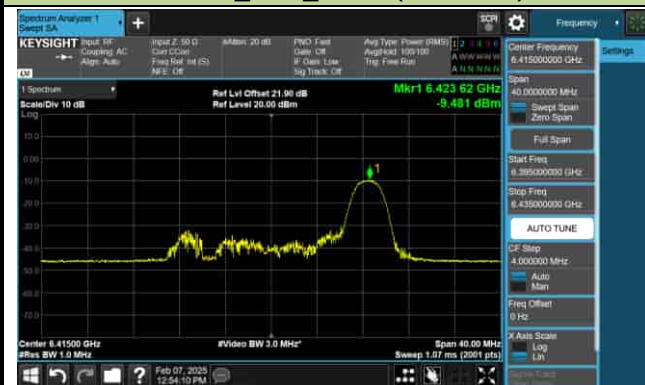
26 Tone\_RU0\_CH1 (5955MHz)



26 Tone\_RU8\_CH49 (6195MHz)



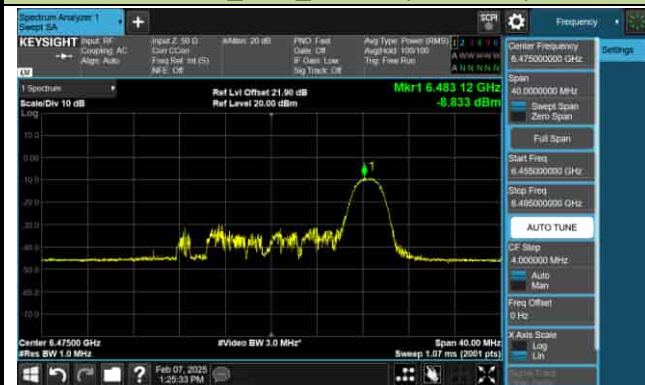
26 Tone\_RU8\_CH93 (6415MHz)



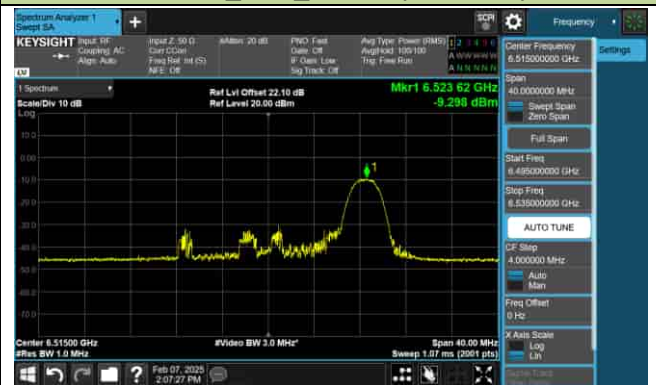
26 Tone\_RU0\_CH97 (6435MHz)



26 Tone\_RU8\_CH105 (6475MHz)



26 Tone\_RU8\_CH113 (6515MHz)



26 Tone\_RU0\_CH117 (6535MHz)



26 Tone\_RU8\_CH153 (6715MHz)



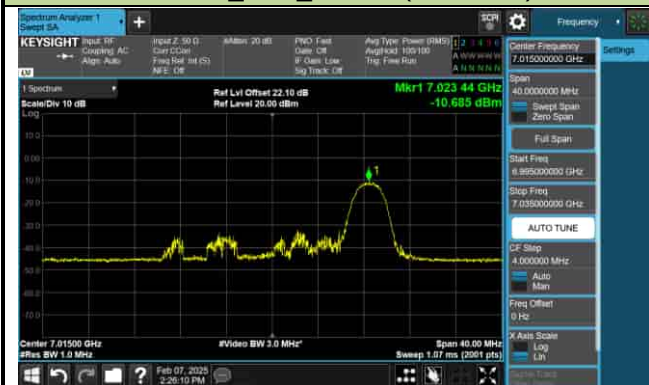
26 Tone\_RU8\_CH181 (6855MHz)



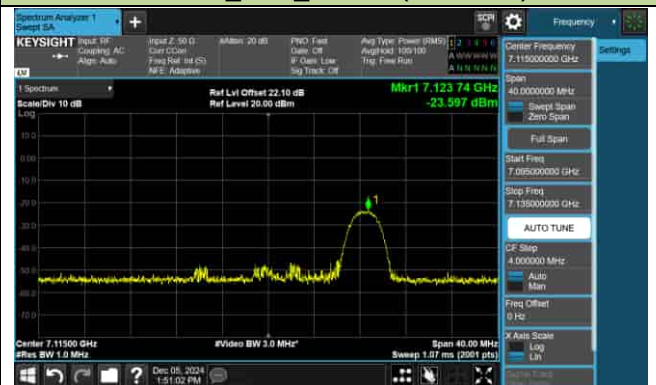
26 Tone\_RU0\_CH189 (6895MHz)



26 Tone\_RU8\_CH213 (7015MHz)

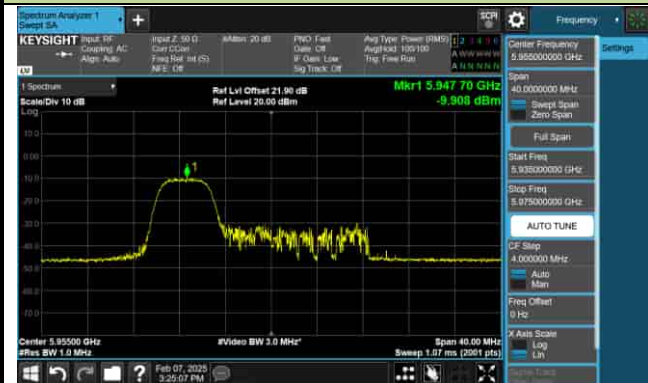


26 Tone\_RU8\_CH233 (7115MHz)

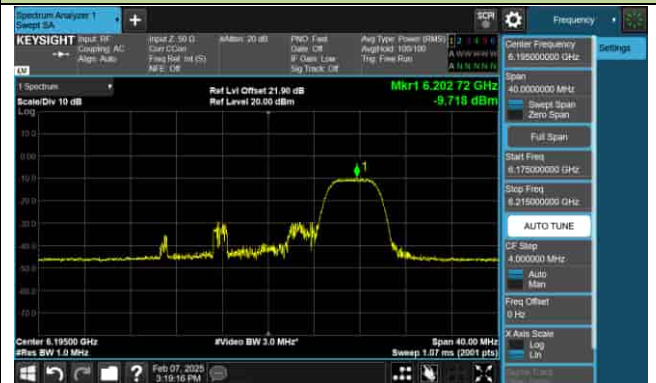


## 802.11ax-HE20 Power Spectral Density - Ant 0

## 52 Tone\_RU74\_CH1 (5955MHz)



## 52 Tone\_RU77\_CH49 (6195MHz)



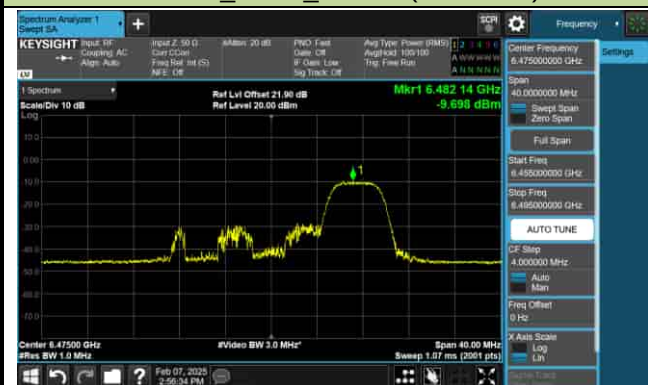
## 52 Tone\_RU77\_CH93 (6415MHz)



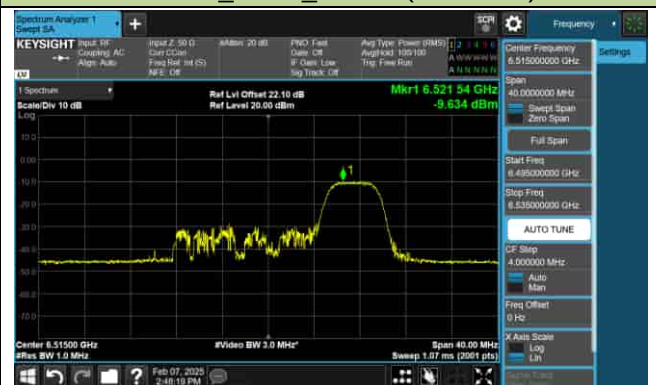
## 52 Tone\_RU74\_CH97 (6435MHz)



## 52 Tone\_RU77\_CH105 (6475MHz)



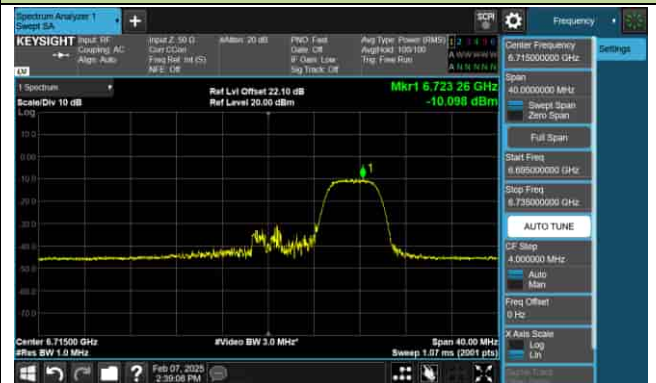
## 52 Tone\_RU77\_CH113 (6515MHz)



52 Tone\_RU74\_CH117 (6535MHz)



52 Tone\_RU77\_CH153 (6715MHz)



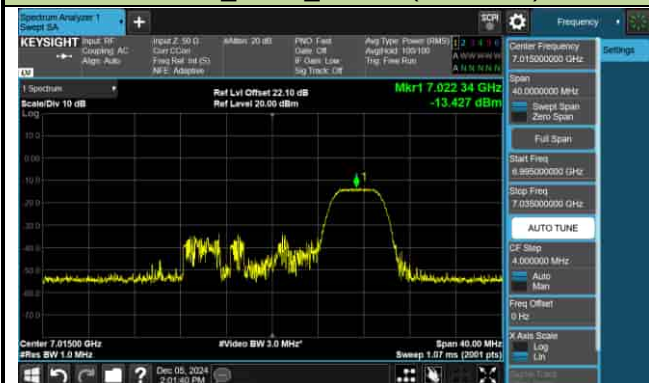
52 Tone\_RU77\_CH181 (6855MHz)



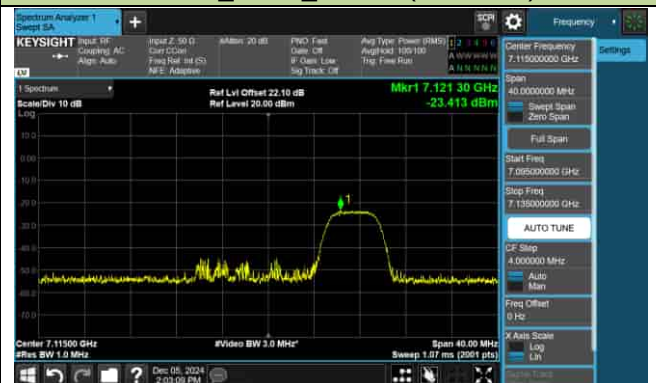
52 Tone\_RU74\_CH189 (6895MHz)



52 Tone\_RU77\_CH213 (7015MHz)



52 Tone\_RU77\_CH233 (7115MHz)

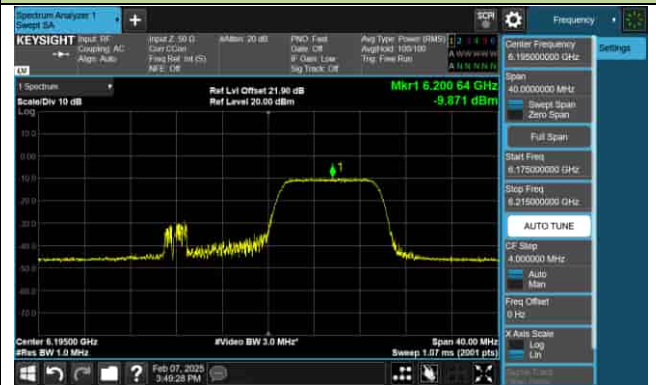


## 802.11ax-HE20 Power Spectral Density - Ant 0

106 Tone\_RU106\_CH1 (5955MHz)



106 Tone\_RU107\_CH49 (6195MHz)



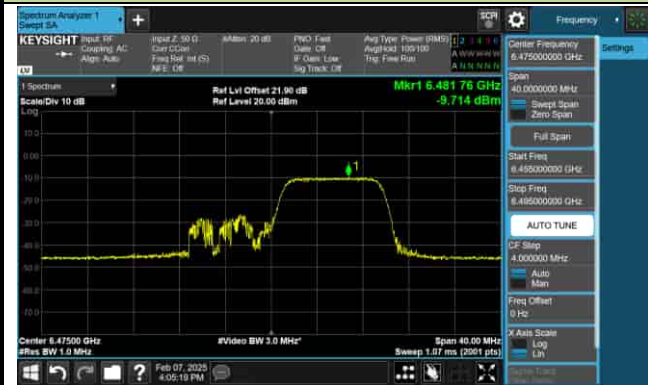
106 Tone\_RU107\_CH93 (6415MHz)



106 Tone\_RU107\_CH97 (6435MHz)



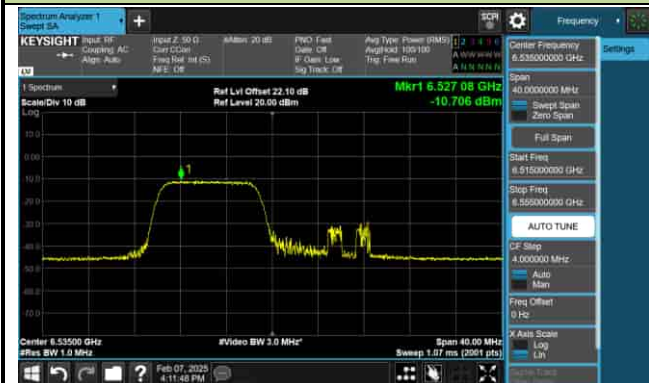
106 Tone\_RU107\_CH105 (6475MHz)



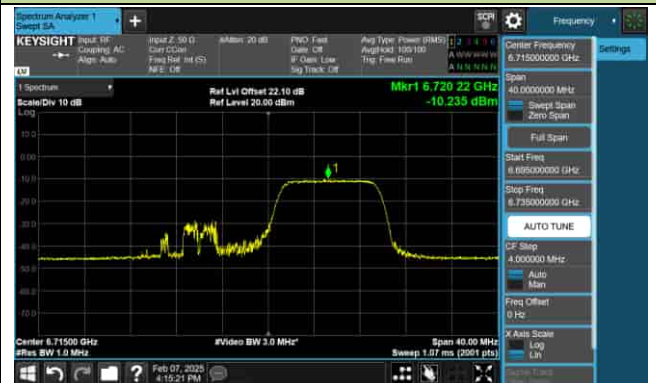
106 Tone\_RU107\_CH113 (6515MHz)



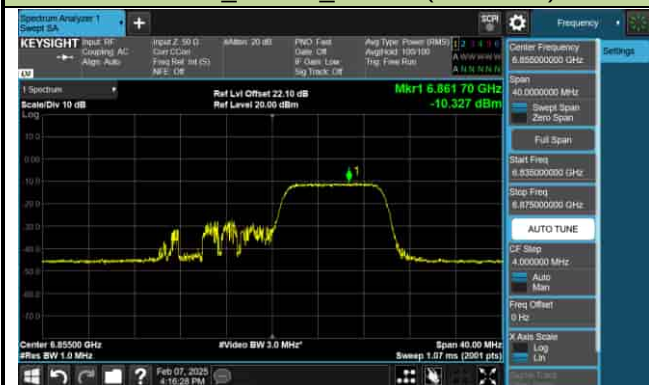
106 Tone\_RU106\_CH117 (6535MHz)



106 Tone\_RU107\_CH153 (6715MHz)



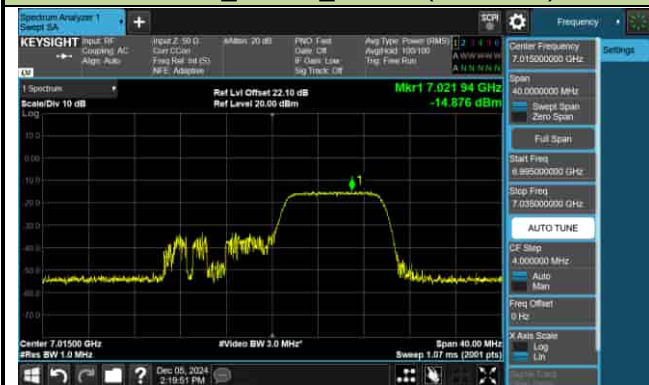
106 Tone\_RU107\_CH181 (6855MHz)



106 Tone\_RU107\_CH189 (6895MHz)



106 Tone\_RU107\_CH213 (7015MHz)



106 Tone\_RU107\_CH233 (7115MHz)



## 802.11ax-HE20 Power Spectral Density - Ant 0

242 Tone\_RU122\_CH1 (5955MHz)



242 Tone\_RU122\_CH93 (6415MHz)



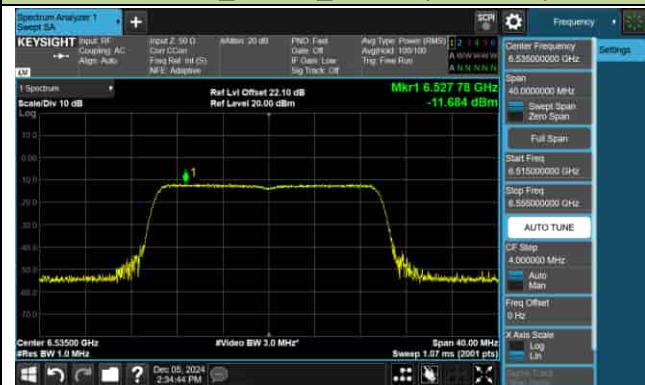
242 Tone\_RU122\_CH97 (6435MHz)



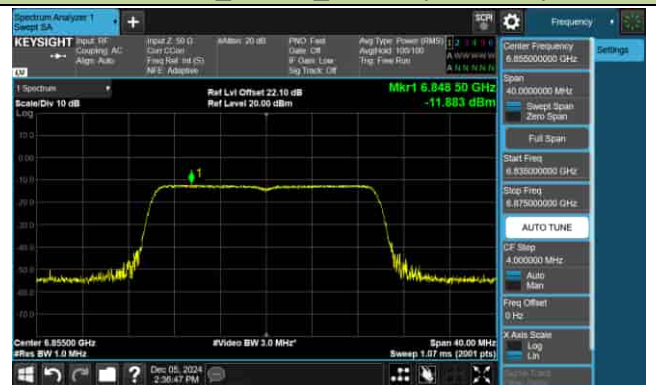
242 Tone\_RU122\_CH113 (6515MHz)



242 Tone\_RU122\_CH117 (6535MHz)



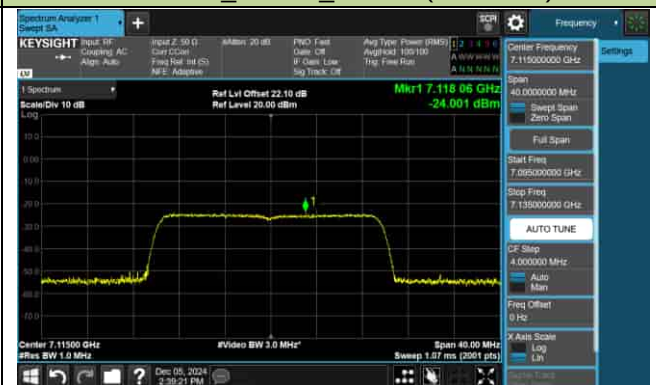
242 Tone\_RU122\_CH181 (6855MHz)



242 Tone\_RU122\_CH189 (6895MHz)



242 Tone\_RU122\_CH233 (7115MHz)

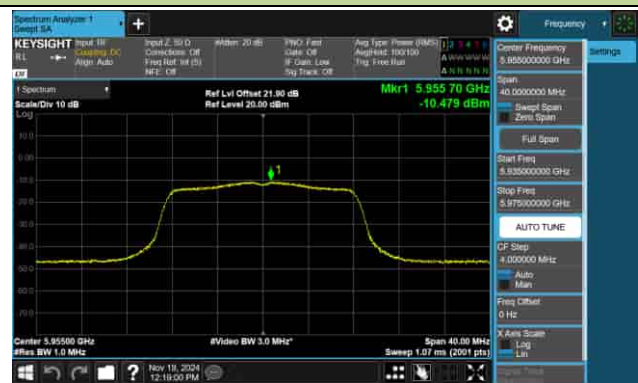


## 802.11a Power Spectral Density – Ant 1

Channel 2 (5935MHz)



Channel 1 (5955MHz)



Channel 49 (6195MHz)



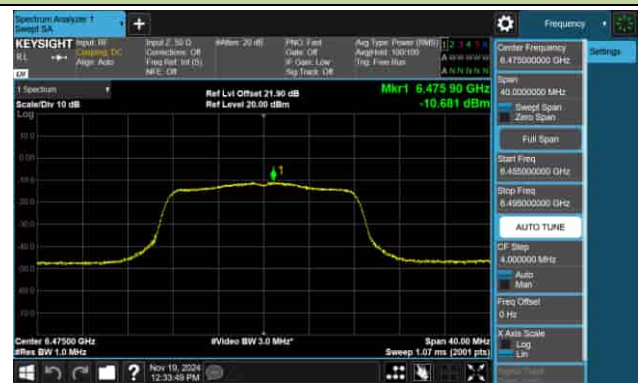
Channel 93 (6415MHz)



Channel 97 (6435MHz)



Channel 105 (6475MHz)



Channel 113 (6515MHz)



Channel 117 (6535MHz)



## 802.11ax-HE20 Power Spectral Density – Ant 1

Channel 153 (6715MHz)



Channel 181 (6855MHz)



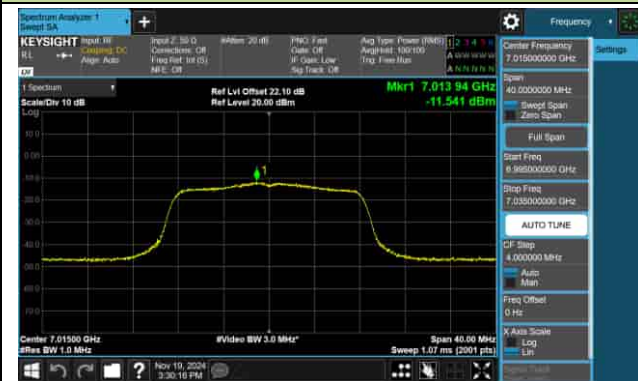
Channel 185 (6875MHz)



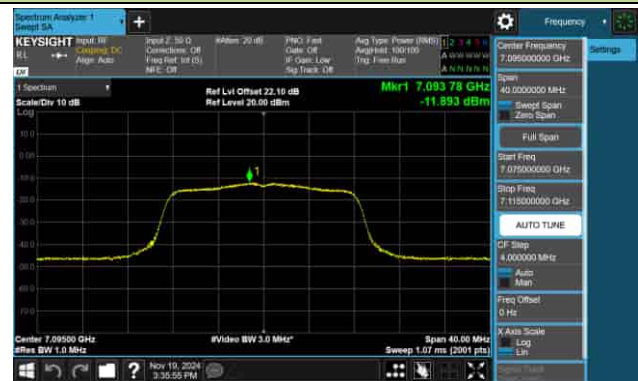
Channel 189 (6895MHz)



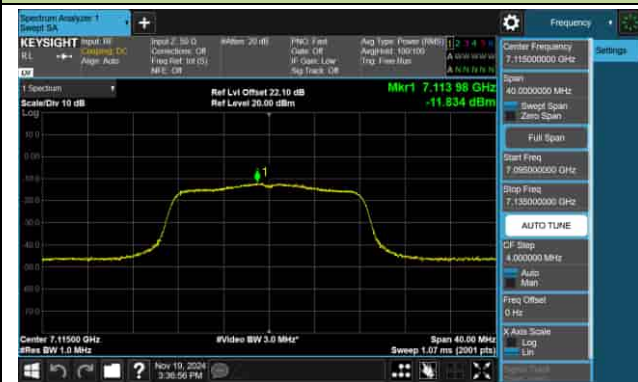
Channel 213 (7015MHz)



Channel 229 (7095MHz)



Channel 233 (7115MHz)

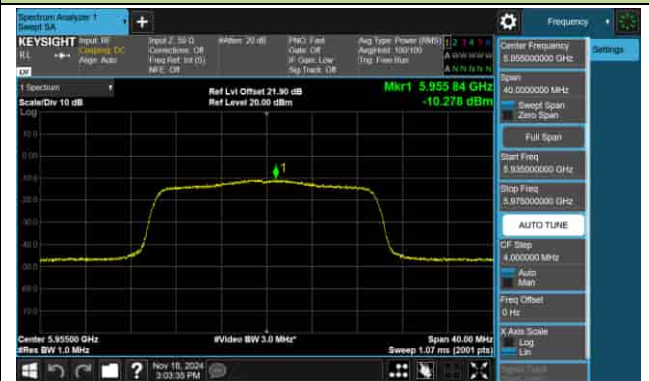


## 802.11ax-HE20 Power Spectral Density – Ant 1

Channel 2 (5935MHz)



Channel 1 (5955MHz)



Channel 49 (6195MHz)



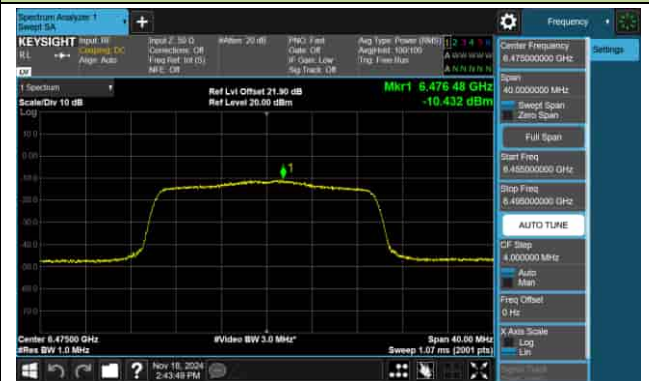
Channel 93 (6415MHz)



Channel 97 (6435MHz)



Channel 105 (6475MHz)



Channel 113 (6515MHz)

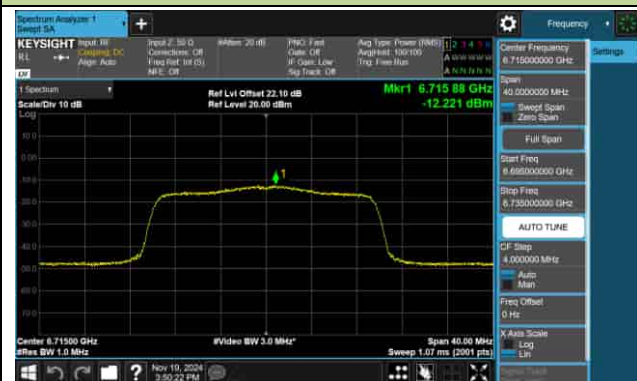


Channel 117 (6535MHz)



## 802.11ax-HE20 Power Spectral Density – Ant 1

Channel 153 (6715MHz)



Channel 181 (6855MHz)



Channel 185 (6875MHz)



Channel 189 (6895MHz)



Channel 213 (7015MHz)



Channel 229 (7095MHz)



Channel 233 (7115MHz)

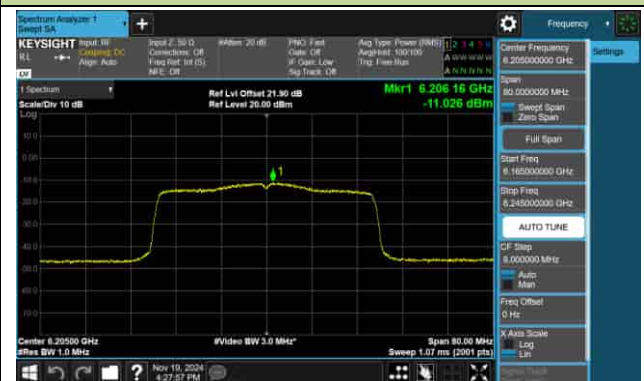


## 802.11ax-HE40 Power Spectral Density – Ant 1

Channel 3 (5965MHz)



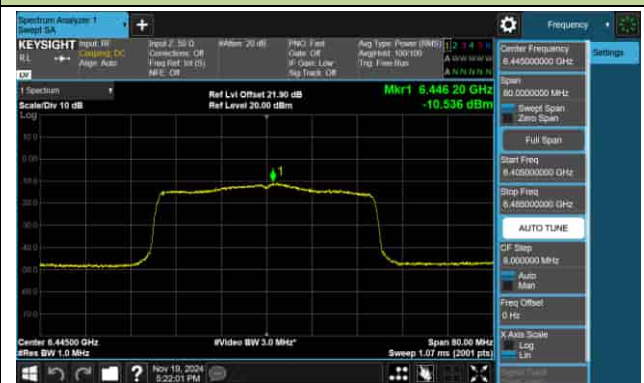
Channel 51 (6205MHz)



Channel 91 (6405MHz)



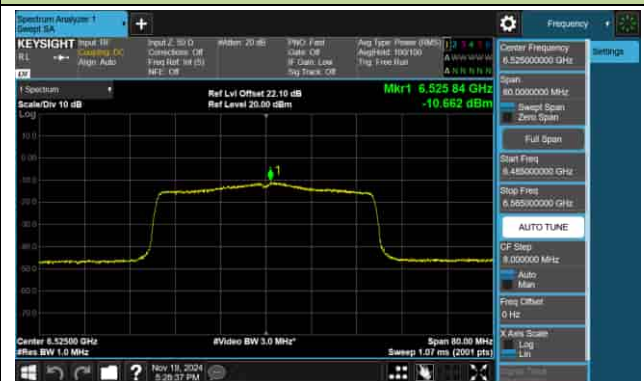
Channel 99 (6445MHz)



Channel 107 (6485MHz)



Channel 115 (6525MHz)



Channel 123 (6565MHz)

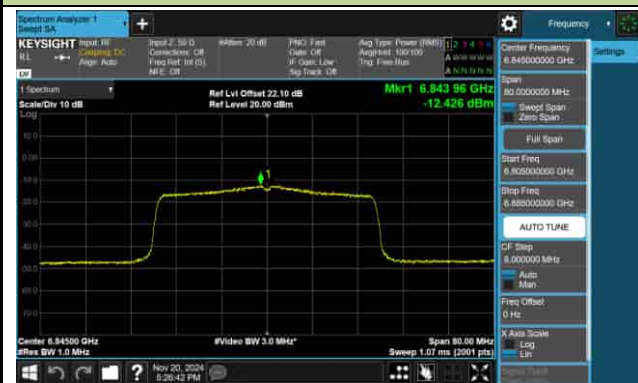


Channel 147 (6685MHz)



## 802.11ax-HE40 Power Spectral Density – Ant 1

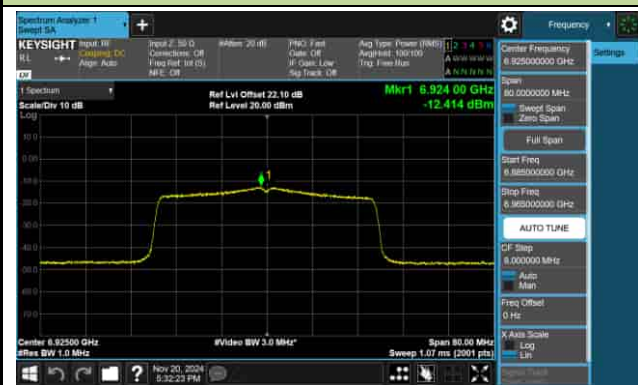
Channel 179 (6845MHz)



Channel 187 (6885MHz)



Channel 195 (6925MHz)



Channel 211 (7005MHz)

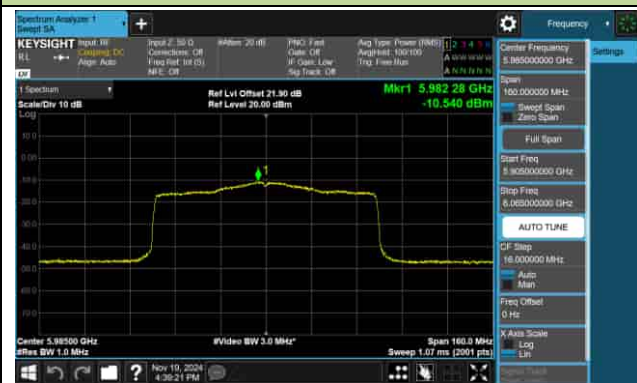


Channel 227 (7085MHz)



## 802.11ax-HE80 Power Spectral Density – Ant 1

Channel 7 (5985MHz)



Channel 55 (6225MHz)



Channel 87 (6385MHz)



Channel 103 (6465MHz)



Channel 119 (6545MHz)



Channel 135 (6625MHz)



Channel 151 (6705MHz)



Channel 183 (6865MHz)



## 802.11ax-HE80 Power Spectral Density – Ant 1

Channel 199 (6945MHz)



Channel 215 (7025MHz)

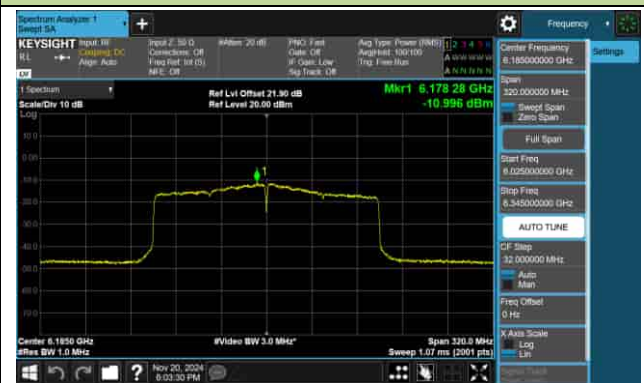


## 802.11ax-HE160 Power Spectral Density – Ant 1

Channel 15 (6025MHz)



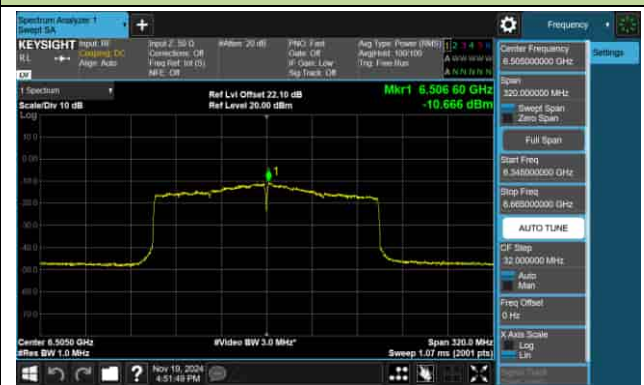
Channel 47 (6185MHz)



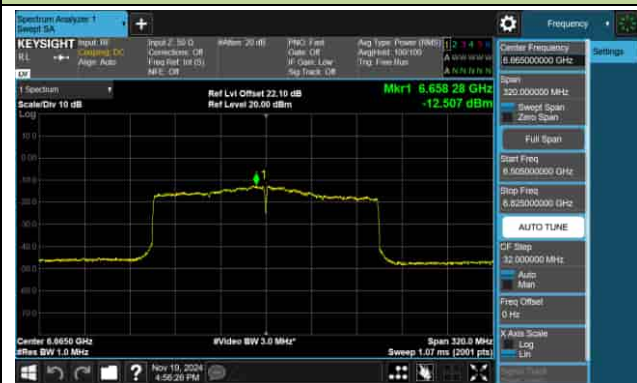
Channel 79 (6345MHz)



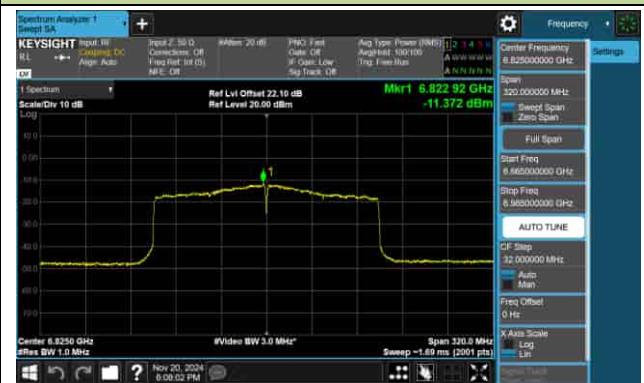
Channel 111 (6505MHz)



Channel 143 (6665MHz)



Channel 175 (6825MHz)

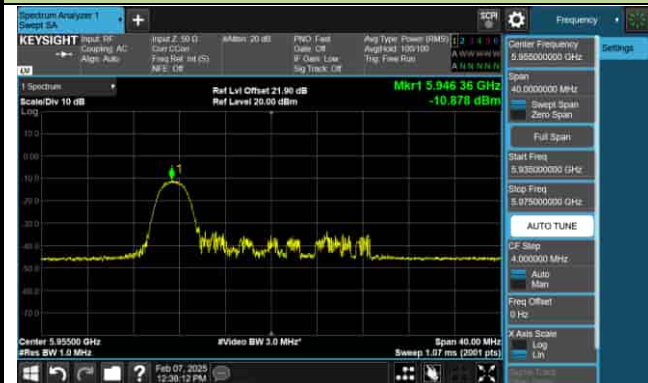


Channel 207 (6985MHz)



## 802.11ax-HE20 Power Spectral Density - Ant 1

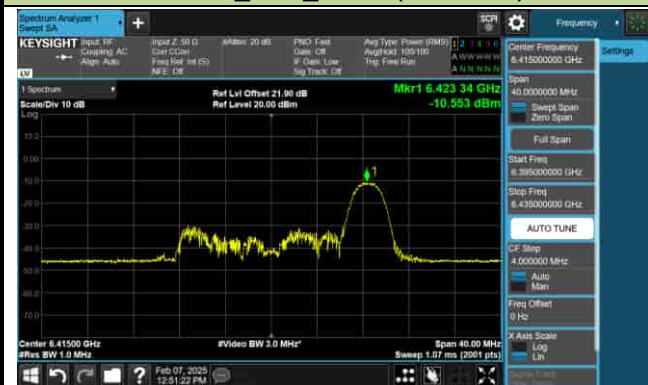
26 Tone\_RU0\_CH1 (5955MHz)



26 Tone\_RU8\_CH49 (6195MHz)



26 Tone\_RU8\_CH93 (6415MHz)



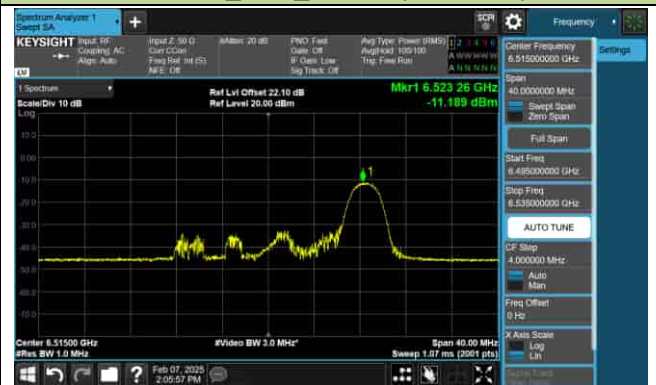
26 Tone\_RU0\_CH97 (6435MHz)



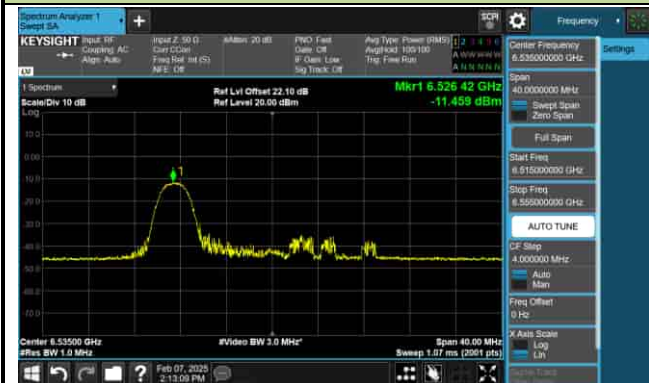
26 Tone\_RU8\_CH105 (6475MHz)



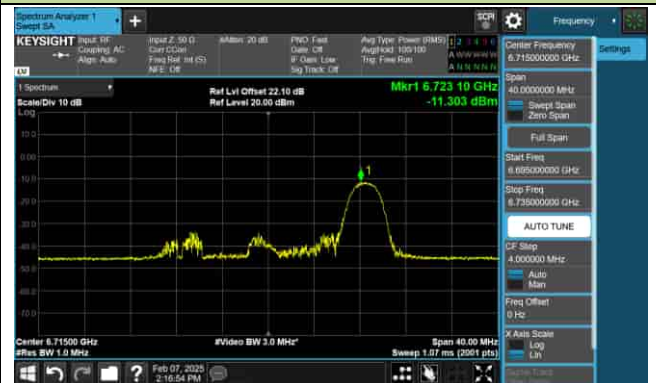
26 Tone\_RU8\_CH113 (6515MHz)



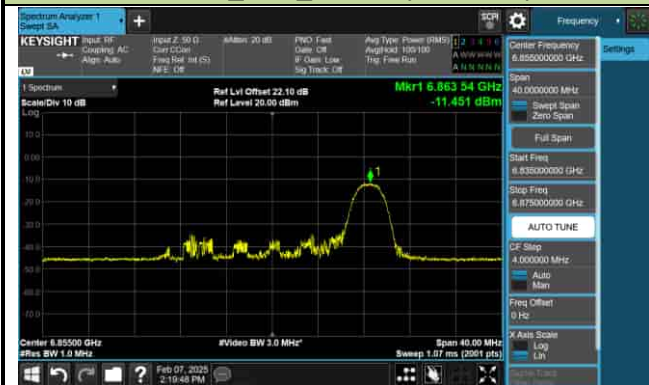
26 Tone\_RU0\_CH117 (6535MHz)



26 Tone\_RU8\_CH153 (6715MHz)



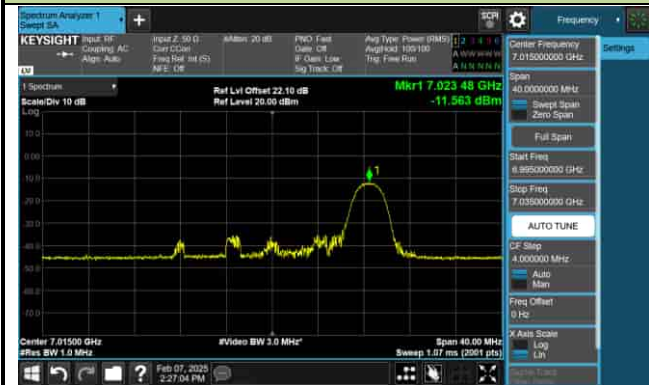
26 Tone\_RU8\_CH181 (6855MHz)



26 Tone\_RU0\_CH189 (6895MHz)



26 Tone\_RU8\_CH213 (7015MHz)

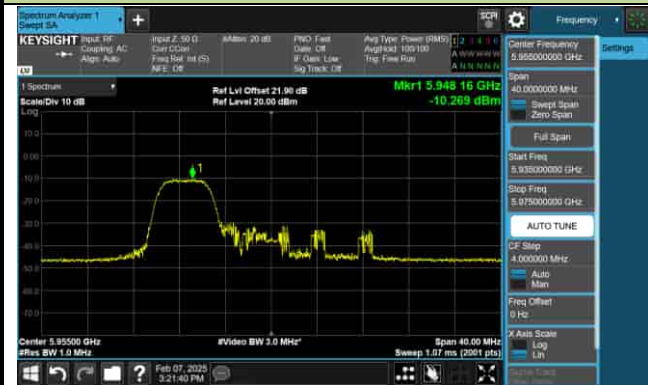


26 Tone\_RU8\_CH233 (7115MHz)



## 802.11ax-HE20 Power Spectral Density - Ant 1

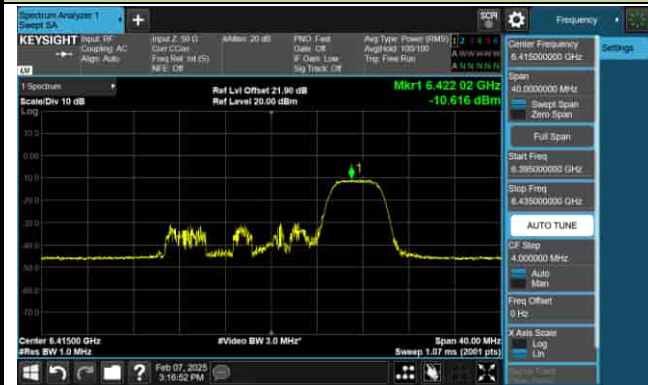
## 52 Tone\_RU74\_CH1 (5955MHz)



## 52 Tone\_RU77\_CH49 (6195MHz)



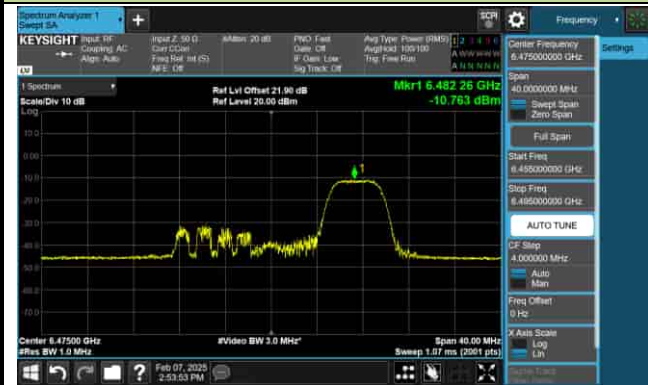
## 52 Tone\_RU77\_CH93 (6415MHz)



## 52 Tone\_RU74\_CH97 (6435MHz)



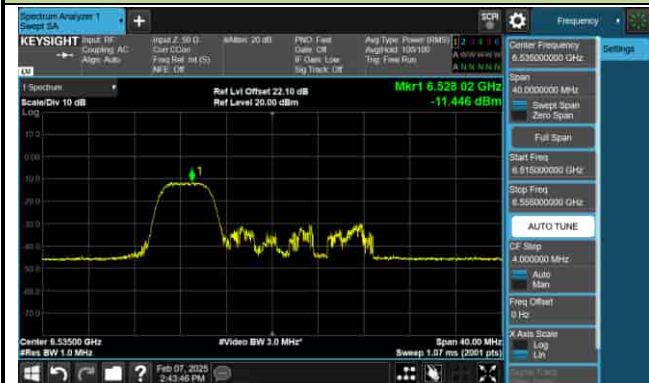
## 52 Tone\_RU77\_CH105 (6475MHz)



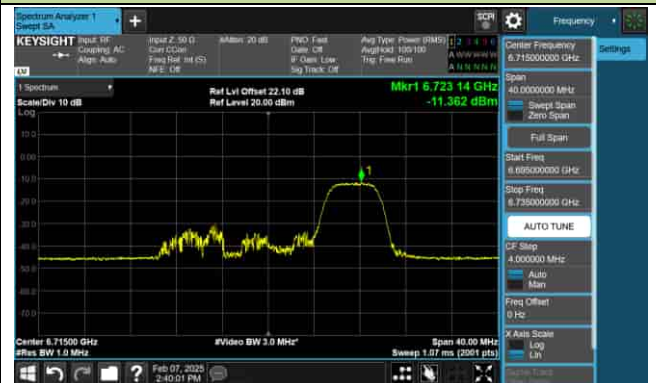
## 52 Tone\_RU77\_CH113 (6515MHz)



52 Tone\_RU74\_CH117 (6535MHz)



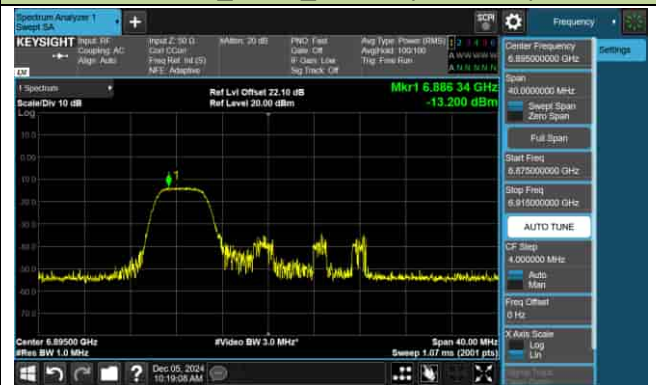
52 Tone\_RU77\_CH153 (6715MHz)



52 Tone\_RU77\_CH181 (6855MHz)



52 Tone\_RU74\_CH189 (6895MHz)



52 Tone\_RU77\_CH213 (7015MHz)



52 Tone\_RU77\_CH233 (7115MHz)

