

FCC Test Report

Report No.: RF191227E04-1

FCC ID: C3K1888

Test Model: 1888

Received Date: Dec. 27, 2019

Test Date: Mar. 24 to Apr. 21, 2020

Issued Date: June 24, 2020

Applicant: Microsoft Corporation

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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**FCC Registration /
Designation Number:** 723255 / TW2022



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Release Control Record

Issue No.	Description	Date Issued
RF191227E04-1	Original release.	June 24, 2020

1 Certificate of Conformity

Product: 802.11a/b/g/n/ac 2T2R dual-band wireless LAN radio

Brand: Microsoft

Test Model: 1888

Sample Status: ENGINEERING SAMPLE

Applicant: Microsoft Corporation

Test Date: Mar. 24 to Apr. 21, 2020

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)
ANSI C63.10: 2013

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by : Phoenix Huang, **Date:** June 24, 2020
Phoenix Huang / Specialist

Approved by : Clark Lin, **Date:** June 24, 2020
Clark Lin / Technical Manager

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
FCC Clause	Test Item	Result	Remarks
15.407(b)(6)	AC Power Conducted Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -11.11 dB at 0.72031 MHz.
15.407(b) (1/2/3/4(i/ii)/6)	Radiated Emissions & Band Edge Measurement	Pass	Meet the requirement of limit. Minimum passing margin is -1.61 dB at 5149.92 MHz.
15.407(a)(1/2/3)	Max Average Transmit Power	Pass	Meet the requirement of limit.
---	Occupied Bandwidth Measurement	-	Reference only.
15.407(a)(1/2/3)	Peak Power Spectral Density	Pass	Meet the requirement of limit.
15.407(e)	6dB bandwidth	Pass	Meet the requirement of limit. (U-NII-3 Band only)
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.203	Antenna Requirement	Pass	No antenna connector is used.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Expanded Uncertainty (k=2) ($\pm$)
Conducted Emissions at mains ports	150kHz ~ 30MHz	1.9 dB
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.1 dB
	30MHz ~ 1GHz	5.4 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	5.0 dB
	18GHz ~ 40GHz	5.3 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	802.11a/b/g/n/ac 2T2R dual-band wireless LAN radio
Brand	Microsoft
Test Model	1888
Status of EUT	ENGINEERING SAMPLE
Power Supply Rating	3.3Vdc from host equipment
Modulation Type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode only
Modulation Technology	DSSS, OFDM
Transfer Rate	802.11b: up to 11 Mbps 802.11a/g: up to 54 Mbps 802.11n: up to 300 Mbps 802.11ac: up to 866.7 Mbps
Operating Frequency	2.4GHz: 2.412 ~ 2.462GHz 5GHz: 5.18 ~ 5.24 GHz, 5.26 ~ 5.32 GHz, 5.50 ~ 5.72 GHz, 5.745 ~ 5.825 GHz
Number of Channel	2.4GHz: 802.11b, 802.11g, 802.11n (HT20): 11 802.11n (HT40): 7 5GHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 25 802.11n (HT40), 802.11ac (VHT40): 12 802.11ac (VHT80): 6
Output Power	2TX mode: 2.4 GHz: 458.003 mW 5.18 ~ 5.24 GHz: 59.152 mW 5.26 ~ 5.32 GHz: 57.011 mW 5.5 ~ 5.72 GHz: 56.176 mW 5.745 ~ 5.825 GHz: 60.59 mW 1TX mode: 2.4 GHz: 280.543 mW 5.18 ~ 5.24 GHz: 50.003 mW 5.26 ~ 5.32 GHz: 51.168 mW 5.5 ~ 5.72 GHz: 46.452 mW 5.745 ~ 5.825 GHz: 42.267 mW
Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. 2.4GHz and 5GHz technology cannot transmit at same time.
2. The antennas provided to the EUT, please refer to the following table:

Ant. No.	Transmitter Circuit	Ant.Gain (dBi)	Freq. Range (GHz)	Ant. Type	Connector Type
1	0	4.45	2.4~2.4835	PCB	None
		5.6	5.15~5.25	PCB	None
		5.97	5.25~5.35	PCB	None
		5.93	5.47~5.725	PCB	None
		6.3	5.725~5.85	PCB	None
2	1	4.02	2.4~2.4835	PCB	None
		4.47	5.15~5.25	PCB	None
		5.4	5.25~5.35	PCB	None
		7.22	5.47~5.725	PCB	None
		7.15	5.725~5.85	PCB	None

3. The EUT incorporates a MIMO function.

2.4GHz Band			
MODULATION MODE	DATA RATE (MCS)	TX & RX CONFIGURATION	
802.11b	1 ~ 11Mbps	1TX (Fixed Chain 0)	2RX
802.11g	6 ~ 54Mbps	1TX (Fixed Chain 0)	2RX
802.11n (HT20)	MCS 0~7	1TX (Fixed Chain 0)	2RX
	MCS 8~15*	2TX	
802.11n (HT40)	MCS 0~7	1TX (Fixed Chain 0)	2RX
	MCS 8~15*	2TX	
5GHz Band			
MODULATION MODE	DATA RATE (MCS)	TX & RX CONFIGURATION	
802.11a	6 ~ 54Mbps	1TX (Fixed Chain 0)	2RX
802.11n (HT20)	MCS 0~7	1TX (Fixed Chain 0)	2RX
	MCS 8~15*	2TX	
802.11n (HT40)	MCS 0~7	1TX (Fixed Chain 0)	2RX
	MCS 8~15*	2TX	
802.11ac (VHT20)	MCS0~8 (256QAM) Nss=1	1TX (Fixed Chain 0)	2RX
	MCS0~8 (256QAM) Nss=2*	2TX	
802.11ac (VHT40)	MCS0~9 (256QAM) Nss=1	1TX (Fixed Chain 0)	2RX
	MCS0~9 (256QAM) Nss=2*	2TX	
802.11ac (VHT80)	MCS0~9 (256QAM) Nss=1	1TX (Fixed Chain 0)	2RX
	MCS0~9 (256QAM) Nss=2*	2TX	

Note: 1. The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz) and 802.11ac mode for 20MHz (40MHz), therefore the manufacturer will control the power for 802.11n mode is the same as the 802.11ac or more lower than it and investigated worst case to representative mode in test report. (Final test mode refer to section 3.2.1)

“**” means the device operate with two spatial stream (Nss = 2) with different data, and two signals are not correlated.

4. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

3.2 Description of Test Modes

FOR 5180 ~ 5240MHz

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
36	5180 MHz	44	5220 MHz
40	5200 MHz	48	5240 MHz

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
42	5210 MHz

FOR 5260 ~ 5320MHz

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
52	5260 MHz	60	5300 MHz
56	5280 MHz	64	5320 MHz

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
54	5270 MHz	62	5310 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
58	5290 MHz

FOR 5500 ~ 5720MHz

12 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
100	5500 MHz	124	5620 MHz
104	5520 MHz	128	5640 MHz
108	5540 MHz	132	5660 MHz
112	5560 MHz	136	5680 MHz
116	5580 MHz	140	5700 MHz
120	5600 MHz	144	5720 MHz

6 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
102	5510 MHz	126	5630 MHz
110	5550 MHz	134	5670 MHz
118	5590 MHz	142	5710 MHz

3 channels are provided for 802.11ac (VHT80):

Channel	Frequency	Channel	Frequency
106	5530 MHz	138	5690 MHz
122	5610 MHz		

FOR 5745 ~ 5825MHz:

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
149	5745 MHz	161	5805 MHz
153	5765 MHz	165	5825 MHz
157	5785 MHz		

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
155	5775 MHz

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable To				Description
	RE $\geq$ 1G	RE<1G	PLC	APCM	
1	√	√	√	√	2TX mode
2	√	√	-	√	1TX mode

Where **RE $\geq$ 1G**: Radiated Emission above 1GHz

RE<1G: Radiated Emission below 1GHz

PLC: Power Line Conducted Emission

APCM: Antenna Port Conducted Measurement

Note: The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **Z-plane**.

Radiated Emission Test (Above 1GHz):

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

2TX Mode						
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11ac (VHT20)	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	13
802.11ac (VHT40)		38 to 46	38, 46	OFDM	BPSK	27
802.11ac (VHT80)		42	42	OFDM	BPSK	58.5
802.11ac (VHT20)	5260-5320	52 to 64	52, 60, 64	OFDM	BPSK	13
802.11ac (VHT40)		54 to 62	54, 62	OFDM	BPSK	27
802.11ac (VHT80)		58	58	OFDM	BPSK	58.5
802.11ac (VHT20)	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	13
802.11ac (VHT40)		102 to 142	102, 110, 134, 142	OFDM	BPSK	27
802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	BPSK	58.5
802.11ac (VHT20)	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	13
802.11ac (VHT40)		151 to 159	151, 159	OFDM	BPSK	27
802.11ac (VHT80)		155	155	OFDM	BPSK	58.5
1TX Mode						
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)		36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)		38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)		42	42	OFDM	BPSK	29.3
802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	BPSK	6
802.11ac (VHT20)		52 to 64	52, 60, 64	OFDM	BPSK	6.5
802.11ac (VHT40)		54 to 62	54, 62	OFDM	BPSK	13.5
802.11ac (VHT80)		58	58	OFDM	BPSK	29.3
802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6
802.11ac (VHT20)		100 to 144	100, 116, 140, 144	OFDM	BPSK	6.5
802.11ac (VHT40)		102 to 142	102, 110, 134, 142	OFDM	BPSK	13.5
802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	BPSK	29.3
802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)		149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)		151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)		155	155	OFDM	BPSK	29.3

Radiated Emission Test (Below 1GHz):

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

2TX Mode						
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11ac (VHT20)	5180-5240, 5260-5320, 5500-5720, 5745-5825	36 to 48, 52 to 64, 100 to 144, 149 to 165	36, 64, 116, 157	OFDM	BPSK	13
1TX Mode						
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11a	5180-5240, 5260-5320, 5500-5720, 5745-5825	36 to 48, 52 to 64, 100 to 144, 149 to 165	48, 52, 116, 165	OFDM	BPSK	6

Power Line Conducted Emission Test:

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

2TX Mode						
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11ac (VHT20)	5180-5240, 5260-5320, 5500-5720, 5745-5825	36 to 48, 52 to 64, 100 to 144, 149 to 165	157	OFDM	BPSK	13

Antenna Port Conducted Measurement:

- ☒ This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.
- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

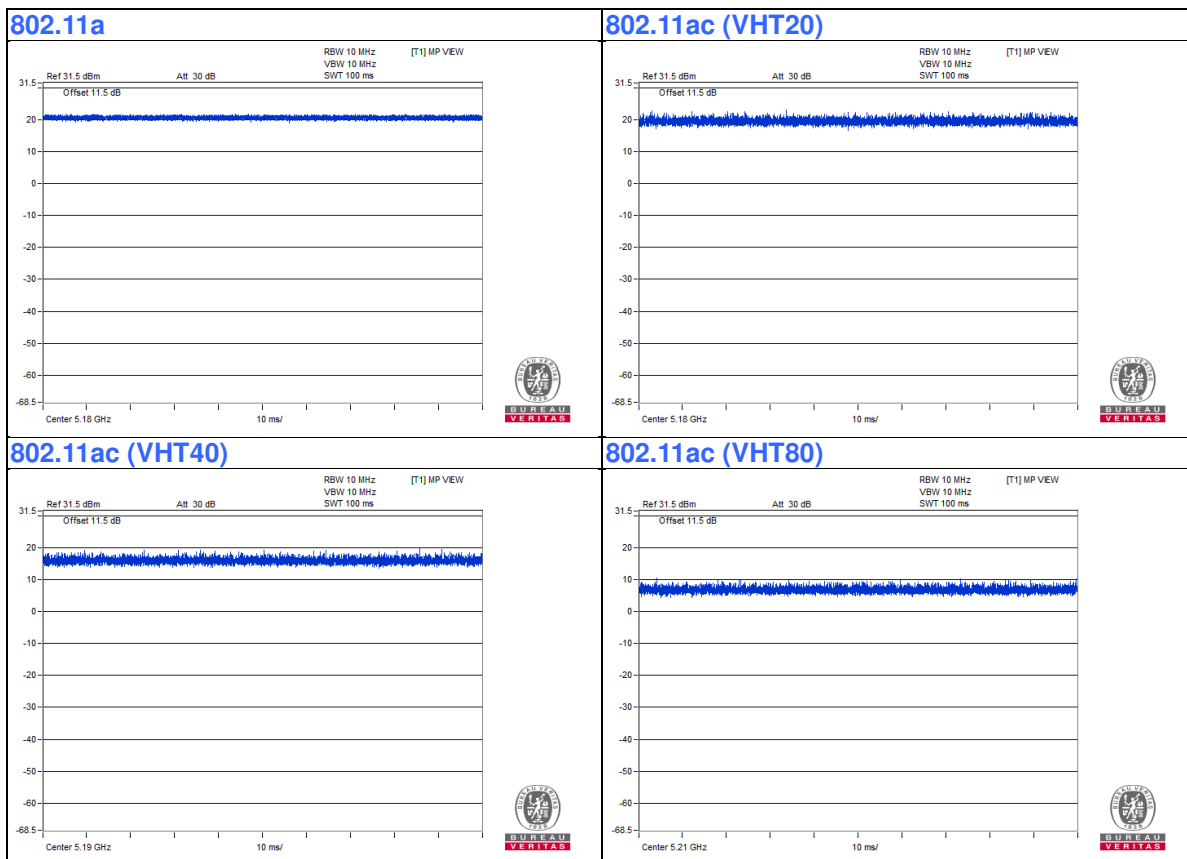
2TX Mode						
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11ac (VHT20)	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	13
802.11ac (VHT40)		38 to 46	38, 46	OFDM	BPSK	27
802.11ac (VHT80)		42	42	OFDM	BPSK	58.5
802.11ac (VHT20)	5260-5320	52 to 64	52, 60, 64	OFDM	BPSK	13
802.11ac (VHT40)		54 to 62	54, 62	OFDM	BPSK	27
802.11ac (VHT80)		58	58	OFDM	BPSK	58.5
802.11ac (VHT20)	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	13
802.11ac (VHT40)		102 to 142	102, 110, 134, 142	OFDM	BPSK	27
802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	BPSK	58.5
802.11ac (VHT20)	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	13
802.11ac (VHT40)		151 to 159	151, 159	OFDM	BPSK	27
802.11ac (VHT80)		155	155	OFDM	BPSK	58.5
1TX Mode						
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)		36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)		38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)		42	42	OFDM	BPSK	29.3
802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	BPSK	6
802.11ac (VHT20)		52 to 64	52, 60, 64	OFDM	BPSK	6.5
802.11ac (VHT40)		54 to 62	54, 62	OFDM	BPSK	13.5
802.11ac (VHT80)		58	58	OFDM	BPSK	29.3
802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6
802.11ac (VHT20)		100 to 144	100, 116, 140, 144	OFDM	BPSK	6.5
802.11ac (VHT40)		102 to 142	102, 110, 134, 142	OFDM	BPSK	13.5
802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	BPSK	29.3
802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)		149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)		151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)		155	155	OFDM	BPSK	29.3

Test Condition:

Applicable To	Environmental Conditions	Input Power	Tested By
RE $\geq$ 1G	25deg. C, 75%RH	120Vac, 60Hz	Nelson Teng
RE<1G	25deg. C, 65%RH	120Vac, 60Hz	Nelson Teng
PLC	25deg. C, 62%RH	120Vac, 60Hz	Sampson Chen
APCM	25deg. C, 60%RH	120Vac, 60Hz	Jyunchun Lin

3.3 Duty Cycle of Test Signal

Duty cycle of test signal is 100 %, duty factor is not required.



3.4 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Adapter	PHIHONG	PSC15A-050	NA	NA	Supplied by client
B.	Test Tool	MediaTek Inc.	NA	NA	NA	Supplied by client
C.	Laptop	DELL	E5430	GM1SKV1	FCC DoC	Supplied by Lab
D.	ADAPTER	MediaTek Inc.	M1096761-001	NA	NA	Supplied by client

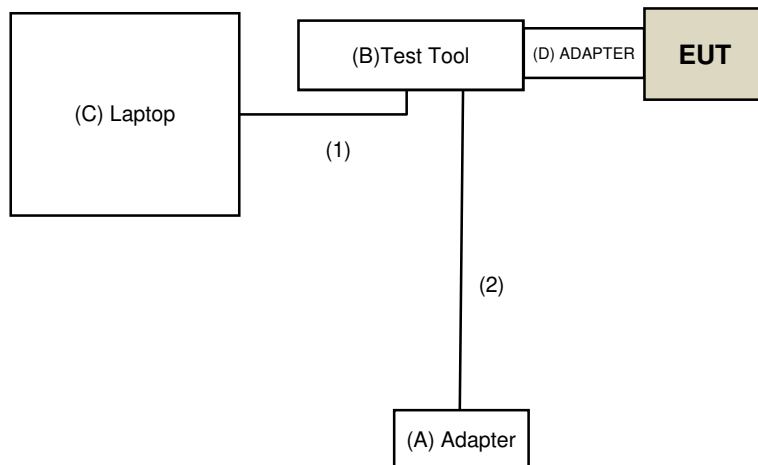
Note:

1. All power cords of the above support units are non-shielded (1.8m).

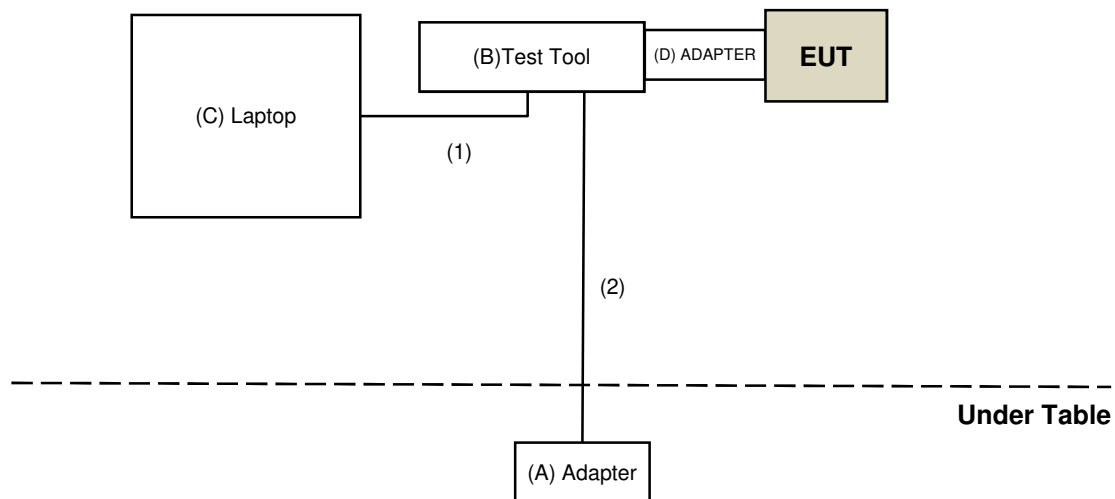
ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	USB Type B Cable	1	1.8	Yes	0	Provided by Lab
2.	DC Cable	1	1.5	No	0	Supplied by client

3.4.1 Configuration of System under Test

For AC Power Conducted Emissions Test:



For Radiated Emissions Test:



3.5 General Description of Applied Standard and References

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards and references:

Test Standard:

FCC Part 15, Subpart E (15.407)

ANSI C63.10-2013

All test items have been performed and recorded as per the above standards.

References Test Guidance:

KDB 789033 D02 General UNII Test Procedure New Rules v02r01

KDB 662911 D01 Multiple Transmitter Output v02r01

All test items have been performed as a reference to the above KDB test guidance.

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement (Radiated Versus Conducted)

4.1.1 Limits of Radiated Emission and Bandedge Measurement

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

Applicable To		Limit	
789033 D02 General UNII Test Procedure New Rules v02r01		Field Strength at 3m	
		PK:74 (dBμV/m)	AV:54 (dBμV/m)
Frequency Band	Applicable To	EIRP Limit	Equivalent Field Strength at 3m
5150~5250 MHz	15.407(b)(1)	PK:-27 (dBm/MHz)	PK:68.2(dBμV/m)
5250~5350 MHz	15.407(b)(2)		
5470~5725 MHz	15.407(b)(3)		
5725~5850 MHz	15.407(b)(4)(i)	PK:-27 (dBm/MHz) ^{*1} PK:10 (dBm/MHz) ^{*2} PK:15.6 (dBm/MHz) ^{*3} PK:27 (dBm/MHz) ^{*4}	PK: 68.2(dBμV/m) ^{*1} PK:105.2 (dBμV/m) ^{*2} PK: 110.8(dBμV/m) ^{*3} PK:122.2 (dBμV/m) ^{*4}
^{*1} beyond 75 MHz or more above of the band edge.		^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.	
^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.		^{*4} from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.	

Note:

The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000 \sqrt{30P}}{3} \mu\text{V/m, where } P \text{ is the eirp (Watts).}$$

4.1.2 Test Instruments

For Radiated Emission Test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Keysight	N9038A	MY54450088	July 03, 2019	July 02, 2020
Pre-Amplifier EMC	EMC001340	980142	May 30, 2019	May 29, 2020
Loop Antenna Electro-Metrics	EM-6879	264	Feb. 18, 2020	Feb. 17, 2021
RF Cable	NA	LOOPCAB-001	Jan. 08, 2020	Jan. 07, 2021
RF Cable	NA	LOOPCAB-002	Jan. 08, 2020	Jan. 07, 2021
Pre-Amplifier Mini-Circuits	ZFL-1000VH2B	AMP-ZFL-05	Apr. 30, 2019	Apr. 29, 2020
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-361	Nov. 11, 2019	Nov. 10, 2020
RF Cable	8D	966-3-1	Mar. 17, 2020	Mar. 16, 2021
RF Cable	8D	966-3-2	Mar. 17, 2020	Mar. 16, 2021
RF Cable	8D	966-3-3	Mar. 17, 2020	Mar. 16, 2021
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-3-01	Sep. 26, 2019	Sep. 25, 2020
Horn_Antenna SCHWARZBECK	BBHA9120-D	9120D-406	Nov. 24, 2019	Nov. 23, 2020
Pre-Amplifier EMC	EMC12630SE	980384	Jan. 15, 2020	Jan. 14, 2021
RF Cable	EMC104-SM-SM-1200	160922	Jan. 15, 2020	Jan. 14, 2021
RF Cable	EMC104-SM-SM-2000	180601	June 10, 2019	June 09, 2020
RF Cable	EMC104-SM-SM-6000	180602	June 10, 2019	June 09, 2020
Spectrum Analyzer Keysight	N9030A	MY54490679	July 17, 2019	July 16, 2020
Pre-Amplifier EMC	EMC184045SE	980387	Jan. 15, 2020	Jan. 14, 2021
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 24, 2019	Nov. 23, 2020
RF Cable	EMC102-KM-KM-1200	160924	Jan. 15, 2020	Jan. 14, 2021
RF Cable	EMC-KM-KM-4000	200214	Mar. 11, 2020	Mar. 10, 2021
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in 966 Chamber No. 3.
3. Loop antenna was used for all emissions below 30 MHz.
4. Tested Date: Mar. 24 to Apr. 13, 2020

For other test items:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	June 04, 2019	June 03, 2020
Power meter Anritsu	ML2495A	1014008	May 13, 2019	May 12, 2020
Power sensor Anritsu	MA2411B	0917122	May 13, 2019	May 12, 2020
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 14, 2020	Apr. 13, 2021
DC Power Supply Topward	6603D	795558	NA	NA
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	Jan. 16, 2020	Jan. 15, 2021
True RMS Clamp Meter FLUKE	325	31130711WS	May 21, 2019	May 20, 2020
Software	ADT_RF Test Software V6.6.5.4	NA	NA	NA

- NOTE:**
1. The test was performed in Oven room 2.
 2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 3. Tested Date: Apr. 21, 2020

4.1.3 Test Procedure

Following FCC KDB 789033 D02 General UNII Test Procedures:

Radiated versus Conducted Measurements.

The unwanted emission limits in both the restricted and non-restricted bands are based on antenna-port conducted measurements in conjunction with cabinet emissions tests are permitted to demonstrate compliance.

The following steps was performed:

- a. Cabinet emissions measurements. Radiated measurement was performed to ensure that cabinet emissions are below the emission limits. For the cabinet-emission measurements the antenna was replaced by a termination matching the nominal impedance of the antenna.
- b. Conducted tests was performed using equipment that matches the nominal impedance of the antenna assembly used with the EUT.
- c. EIRP calculation. A value representative of an upper bound on out-of-band antenna gain (in dBi) shall be added to the measured antenna-port conducted emission power to compute EIRP within the specified measurement bandwidth. (For emissions in the restricted bands, additional calculations are required to convert EIRP to field strength at the specified distance.) The upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands or 2 dBi, whichever is greater.
- d. EIRP adjustments for multiple outputs. (Follow the procedures specified in FCC KDB Publication 662911)

e. For all of Radiation emission test

For Radiated emission below 30MHz

- e-1.1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- e-1.2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- e-1.3. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- e-1.4. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e-1.5. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note:

- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.
- 2. KDB 414788 OATS and Chamber Correlation Justification
 - Based on FCC 15.31(f)(2) : measurements may be performed at a distance closer than that specified in the regulations; however, an attempts should be made to avoid making measurements in the near field.
 - OATs and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

For Radiated emission above 30MHz

- e-2.1. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- e-2.2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- e-2.3. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e-2.4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e-2.5. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- e-2.6. The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
- 2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
- 3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.
- 4. All modes of operation were investigated and the worst-case emissions are reported.

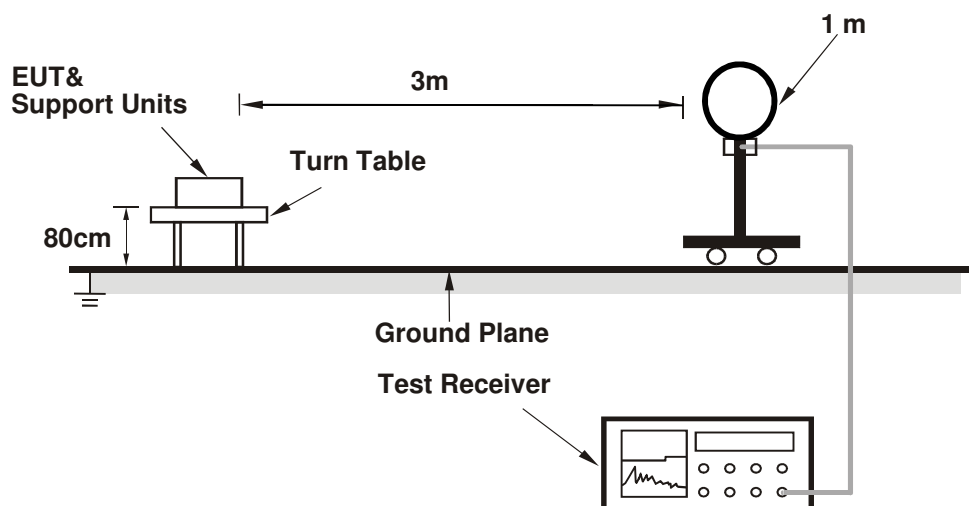
4.1.4 Deviation from Test Standard

No deviation.

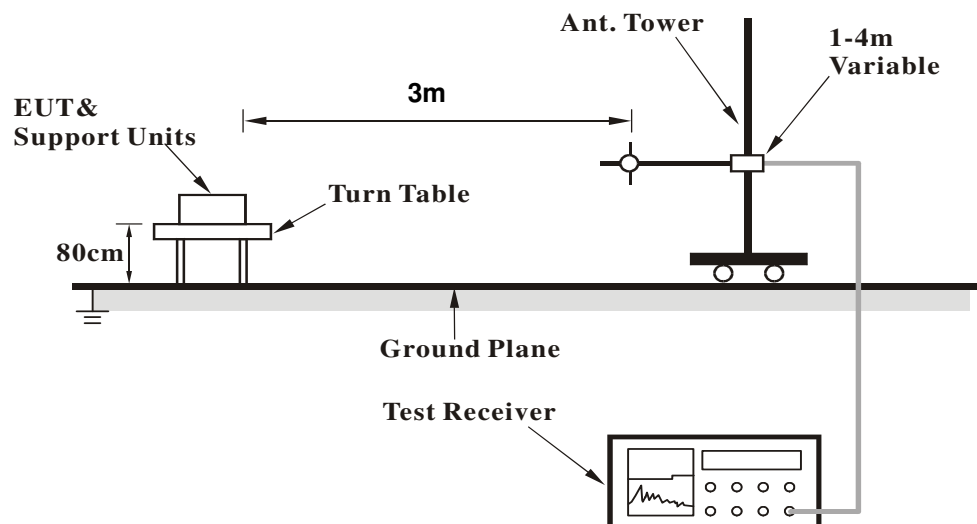
4.1.5 Test Setup

For Radiated Configuration:

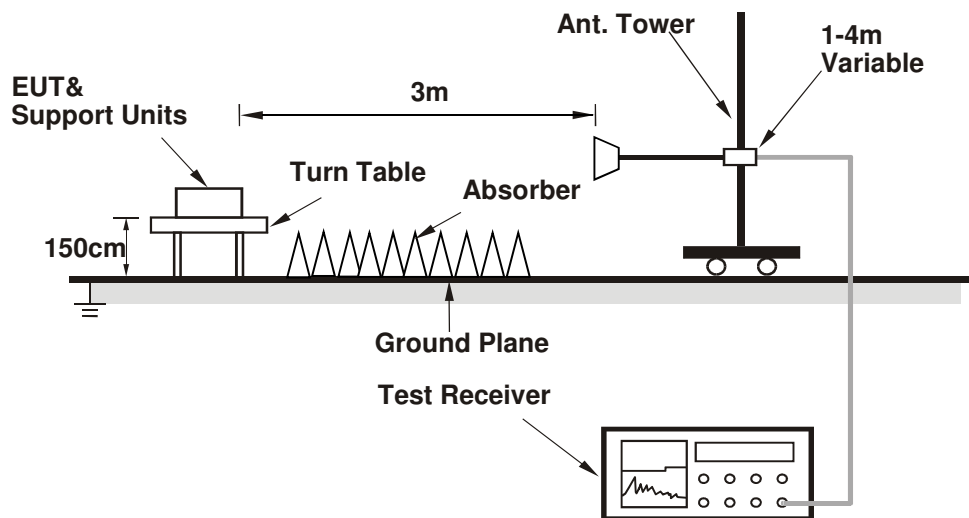
For Radiated emission below 30MHz



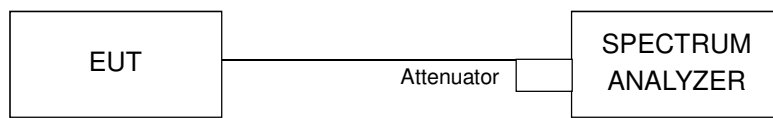
For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



For Conducted Configuration:



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.1.6 EUT Operating Condition

- Connected the EUT with the Laptop which is placed on the testing table.
- Controlling software (MT7663 QA 0.0.2.6) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

4.1.7 Test Results (Radiated Measurement)

Radiated versus Conducted Measurement	
☐ Conducted measurement	☒ Radiated measurement
<u>For Radiated measurement:</u> The level of unwanted emissions was measured when radiated by the cabinet or structure of the equipment with the antenna connector(s) terminated by a specified load (cabinet radiation) <u>For Conducted measurement:</u> The level of unwanted emissions was measured as their power in a specified load (conducted spurious emissions).	

4.1.7.1 Test Results (Mode 1)

Radiated test was done with 50ohm terminator on antenna port

Above 1GHz Data:

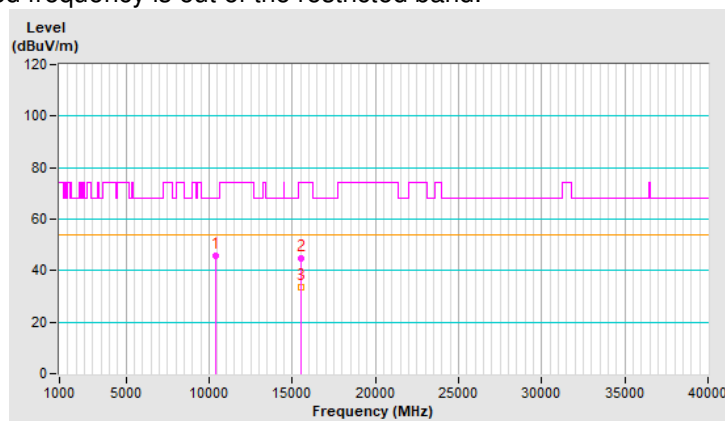
802.11ac (VHT20)

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	46.0 PK	68.2	-22.2	1.61 H	306	33.3	12.7
2	15540.00	44.6 PK	74.0	-29.4	1.43 H	209	31.4	13.2
3	15540.00	33.4 AV	54.0	-20.6	1.43 H	209	20.2	13.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

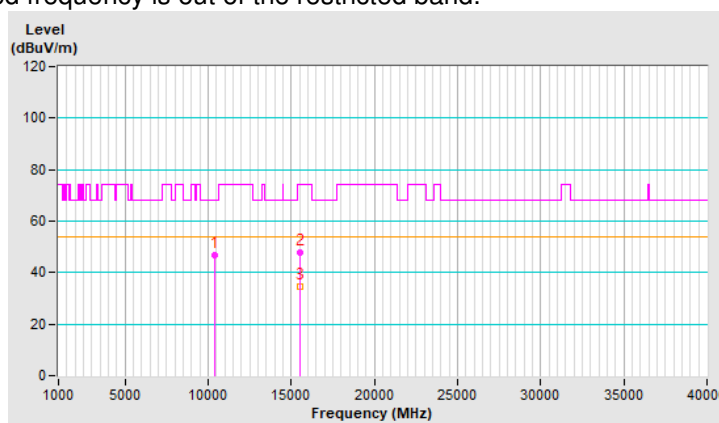


CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	46.8 PK	68.2	-21.4	2.32 V	154	34.1	12.7
2	15540.00	47.8 PK	74.0	-26.2	1.63 V	183	34.6	13.2
3	15540.00	34.8 AV	54.0	-19.2	1.63 V	183	21.6	13.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

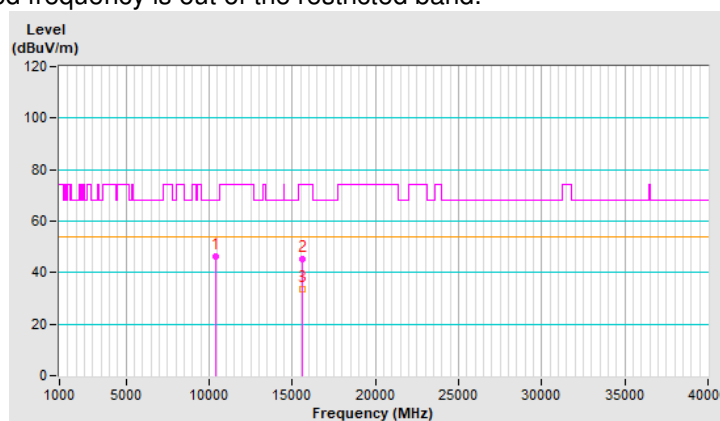


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	46.4 PK	68.2	-21.8	1.60 H	312	33.6	12.8
2	15600.00	45.2 PK	74.0	-28.8	1.39 H	209	31.7	13.5
3	15600.00	33.8 AV	54.0	-20.2	1.39 H	209	20.3	13.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

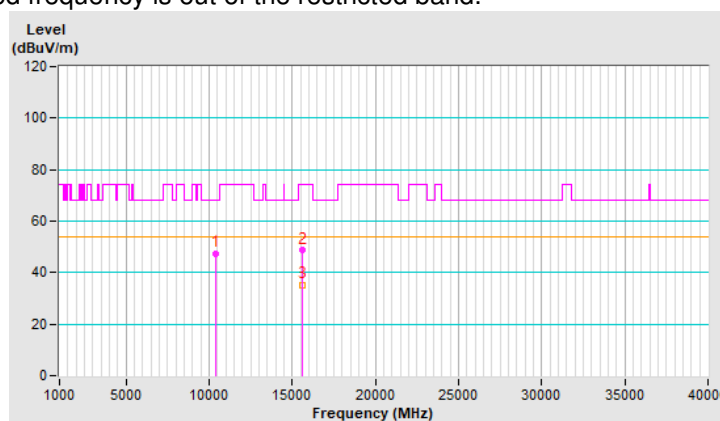


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	47.3 PK	68.2	-20.9	2.20 V	176	34.5	12.8
2	15600.00	48.6 PK	74.0	-25.4	1.53 V	192	35.1	13.5
3	15600.00	35.3 AV	54.0	-18.7	1.53 V	192	21.8	13.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

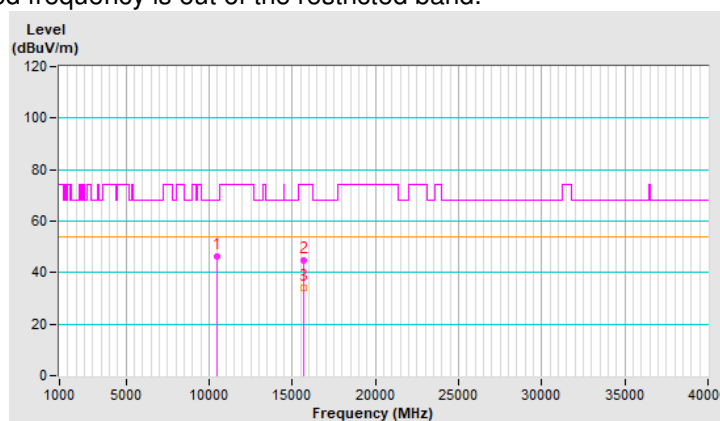


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	46.3 PK	68.2	-21.9	1.60 H	319	33.2	13.1
2	15720.00	45.0 PK	74.0	-29.0	1.38 H	192	31.2	13.8
3	15720.00	33.9 AV	54.0	-20.1	1.38 H	192	20.1	13.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

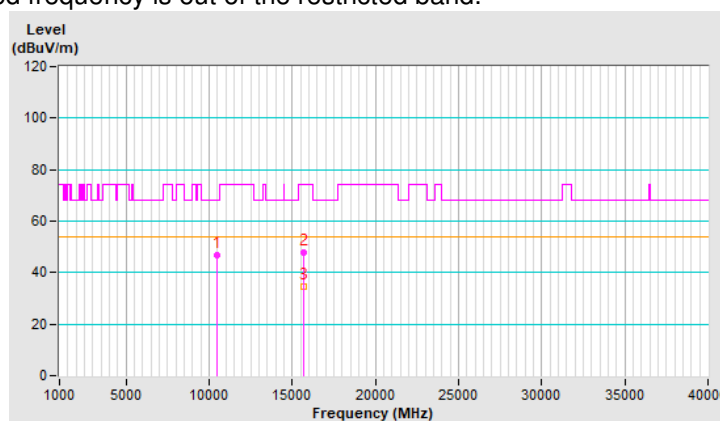


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	47.0 PK	68.2	-21.2	2.29 V	162	33.9	13.1
2	15720.00	47.9 PK	74.0	-26.1	1.61 V	192	34.1	13.8
3	15720.00	34.6 AV	54.0	-19.4	1.61 V	192	20.8	13.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

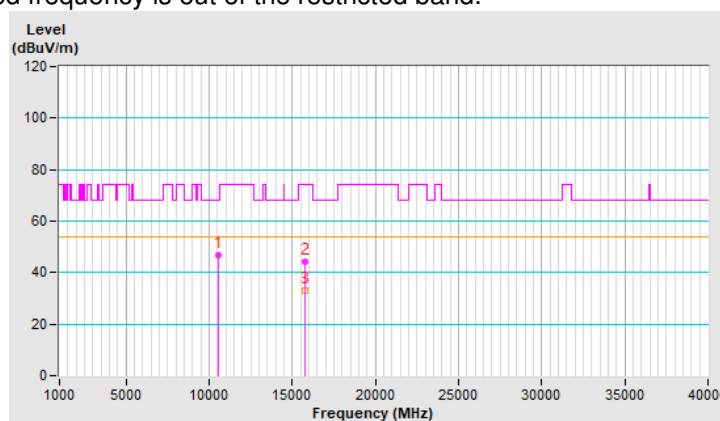


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	46.7 PK	68.2	-21.5	1.56 H	330	33.6	13.1
2	15780.00	44.2 PK	74.0	-29.8	1.46 H	194	30.7	13.5
3	15780.00	33.3 AV	54.0	-20.7	1.46 H	194	19.8	13.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

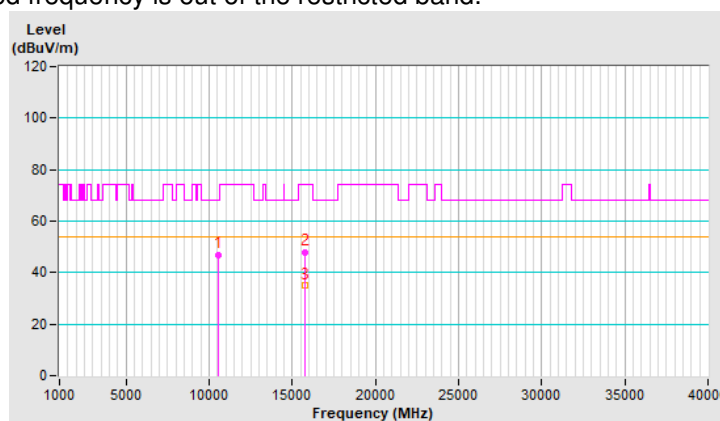


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	46.8 PK	68.2	-21.4	2.29 V	168	33.7	13.1
2	15780.00	47.8 PK	74.0	-26.2	1.62 V	198	34.3	13.5
3	15780.00	34.9 AV	54.0	-19.1	1.62 V	198	21.4	13.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

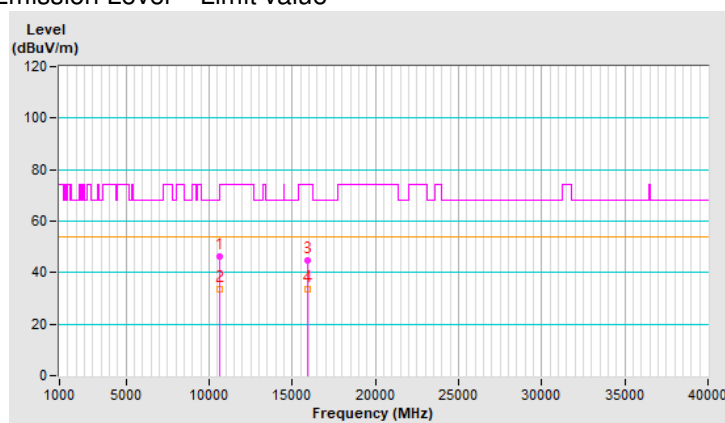


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	46.2 PK	74.0	-27.8	1.54 H	304	33.3	12.9
2	10600.00	33.7 AV	54.0	-20.3	1.54 H	304	20.8	12.9
3	15900.00	44.9 PK	74.0	-29.1	1.41 H	192	32.1	12.8
4	15900.00	33.8 AV	54.0	-20.2	1.41 H	192	21.0	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

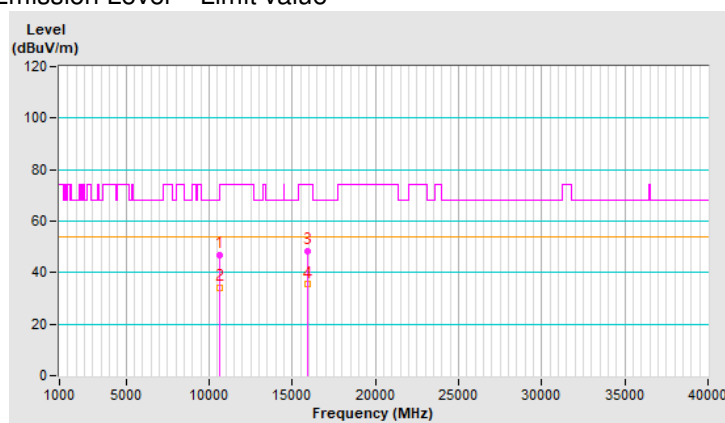


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	47.0 PK	74.0	-27.0	2.28 V	150	34.1	12.9
2	10600.00	34.1 AV	54.0	-19.9	2.28 V	150	21.2	12.9
3	15900.00	48.3 PK	74.0	-25.7	1.57 V	186	35.5	12.8
4	15900.00	35.4 AV	54.0	-18.6	1.57 V	186	22.6	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

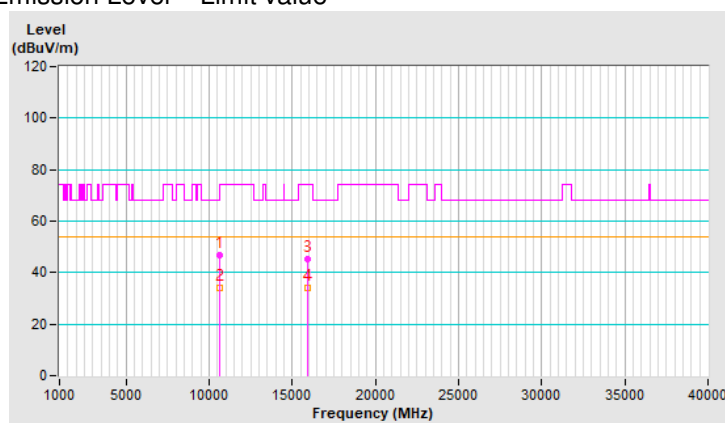


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	46.7 PK	74.0	-27.3	1.59 H	309	33.8	12.9
2	10640.00	34.2 AV	54.0	-19.8	1.59 H	309	21.3	12.9
3	15960.00	45.5 PK	74.0	-28.5	1.42 H	186	32.7	12.8
4	15960.00	34.1 AV	54.0	-19.9	1.42 H	186	21.3	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

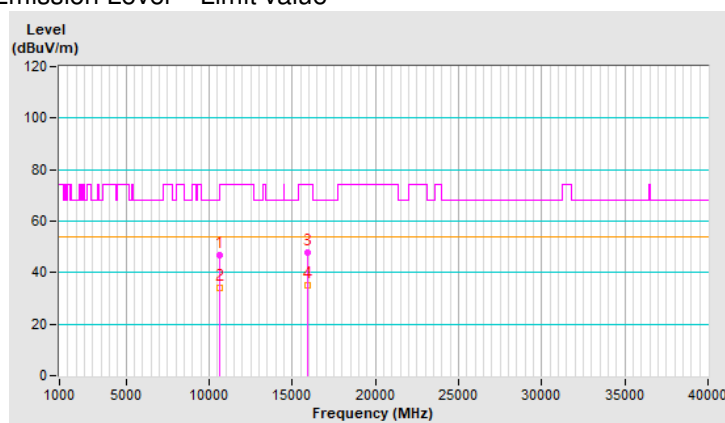


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	46.7 PK	74.0	-27.3	2.23 V	170	33.8	12.9
2	10640.00	34.0 AV	54.0	-20.0	2.23 V	170	21.1	12.9
3	15960.00	47.8 PK	74.0	-26.2	1.61 V	178	35.0	12.8
4	15960.00	35.0 AV	54.0	-19.0	1.61 V	178	22.2	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

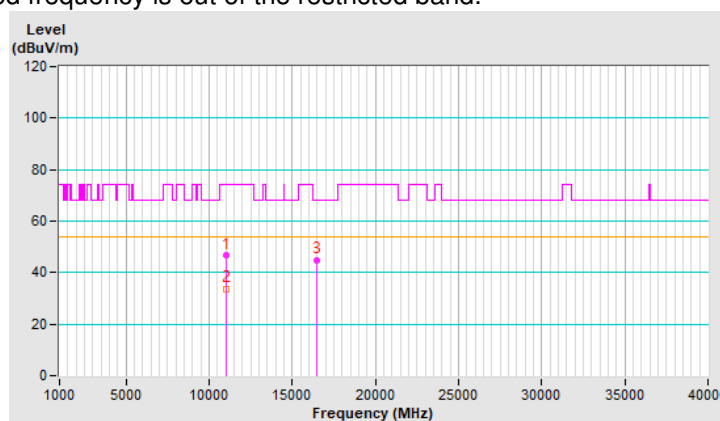


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	46.6 PK	74.0	-27.4	1.59 H	308	33.6	13.0
2	11000.00	33.7 AV	54.0	-20.3	1.59 H	308	20.7	13.0
3	#16500.00	44.8 PK	68.2	-23.4	1.46 H	208	30.2	14.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

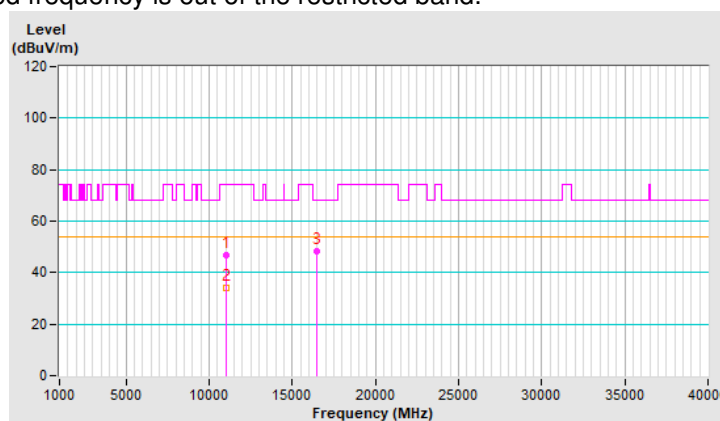


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	47.0 PK	74.0	-27.0	2.30 V	165	34.0	13.0
2	11000.00	34.3 AV	54.0	-19.7	2.30 V	165	21.3	13.0
3	#16500.00	48.2 PK	68.2	-20.0	1.58 V	176	33.6	14.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

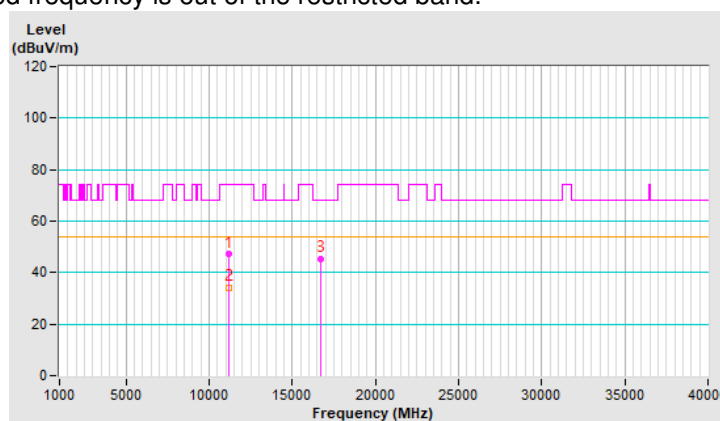


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	47.1 PK	74.0	-26.9	1.56 H	324	34.0	13.1
2	11160.00	34.3 AV	54.0	-19.7	1.56 H	324	21.2	13.1
3	#16740.00	45.3 PK	68.2	-22.9	1.39 H	197	29.1	16.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

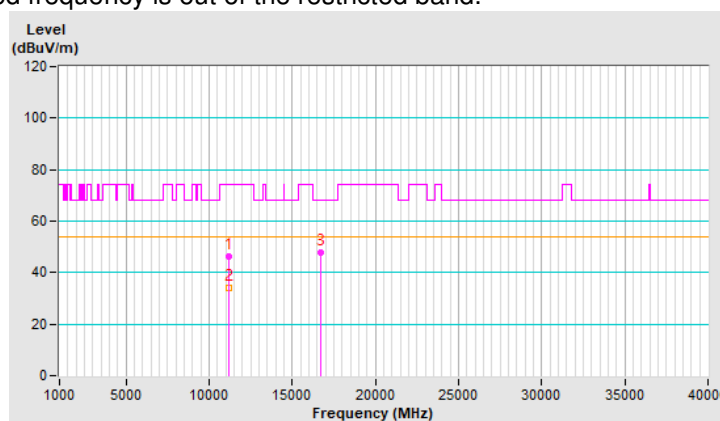


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	46.4 PK	74.0	-27.6	2.32 V	155	33.3	13.1
2	11160.00	33.9 AV	54.0	-20.1	2.32 V	155	20.8	13.1
3	#16740.00	47.7 PK	68.2	-20.5	1.58 V	178	31.5	16.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

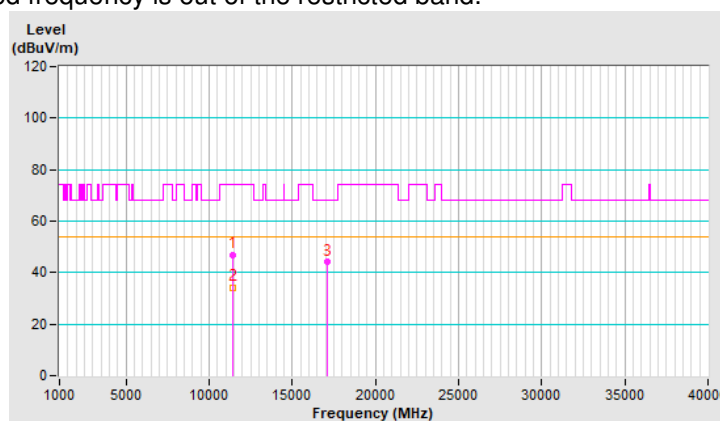


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	47.0 PK	74.0	-27.0	1.51 H	309	33.8	13.2
2	11400.00	34.1 AV	54.0	-19.9	1.51 H	309	20.9	13.2
3	#17100.00	44.0 PK	68.2	-24.2	1.46 H	193	26.8	17.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

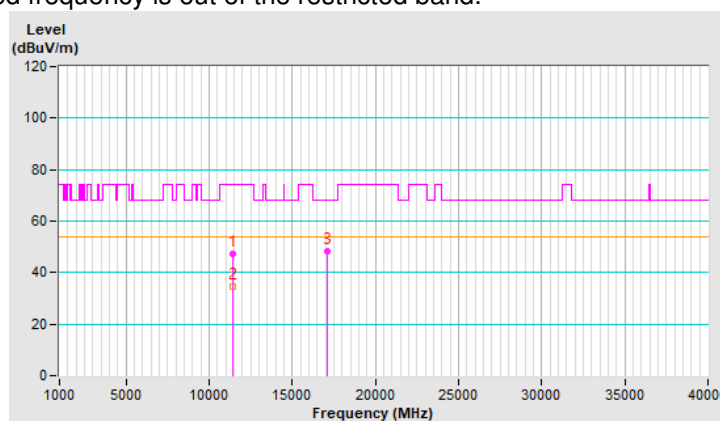


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	47.4 PK	74.0	-26.6	2.21 V	161	34.2	13.2
2	11400.00	34.5 AV	54.0	-19.5	2.21 V	161	21.3	13.2
3	#17100.00	48.4 PK	68.2	-19.8	1.60 V	177	31.2	17.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

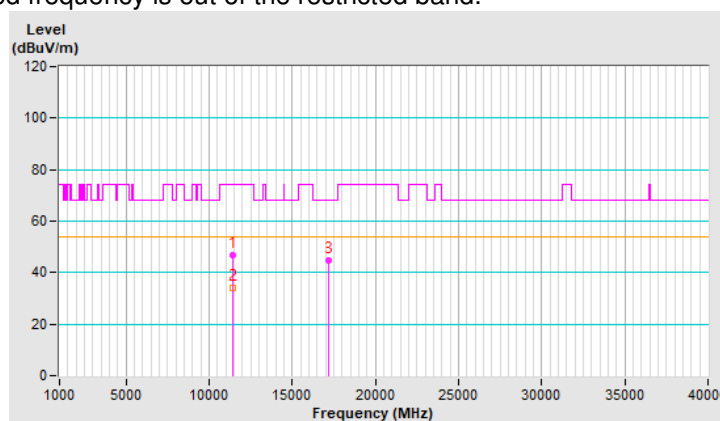


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	46.7 PK	74.0	-27.3	1.52 H	326	33.4	13.3
2	11440.00	34.2 AV	54.0	-19.8	1.52 H	326	20.9	13.3
3	#17160.00	44.9 PK	68.2	-23.3	1.37 H	190	27.5	17.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

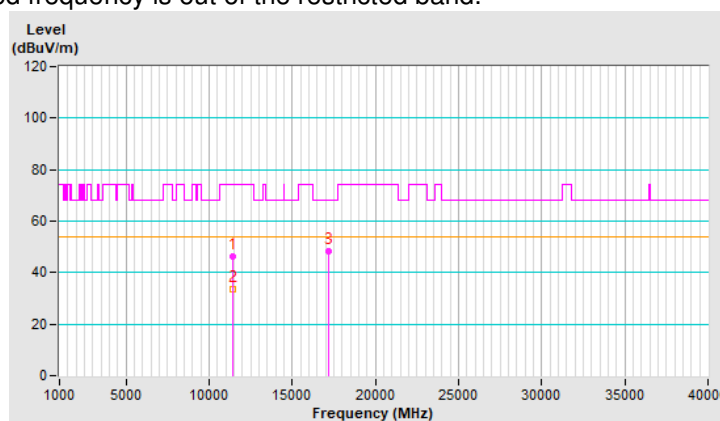


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	46.4 PK	74.0	-27.6	2.25 V	154	33.1	13.3
2	11440.00	33.8 AV	54.0	-20.2	2.25 V	154	20.5	13.3
3	#17160.00	48.2 PK	68.2	-20.0	1.60 V	191	30.8	17.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

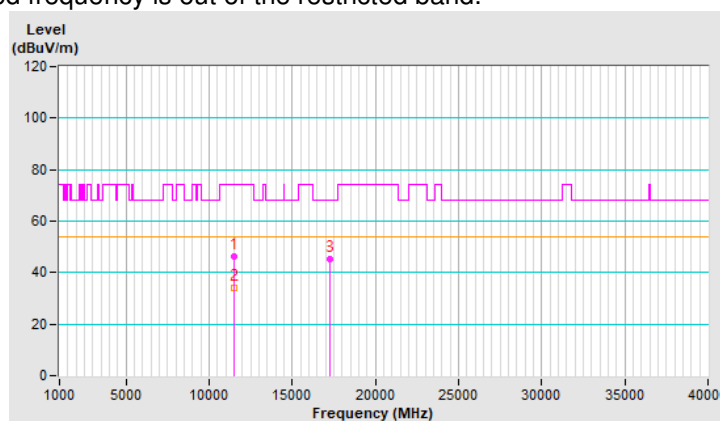


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11490.00	46.4 PK	74.0	-27.6	1.59 H	313	33.1	13.3
2	11490.00	33.9 AV	54.0	-20.1	1.59 H	313	20.6	13.3
3	#17235.00	45.2 PK	68.2	-23.0	1.44 H	196	27.6	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

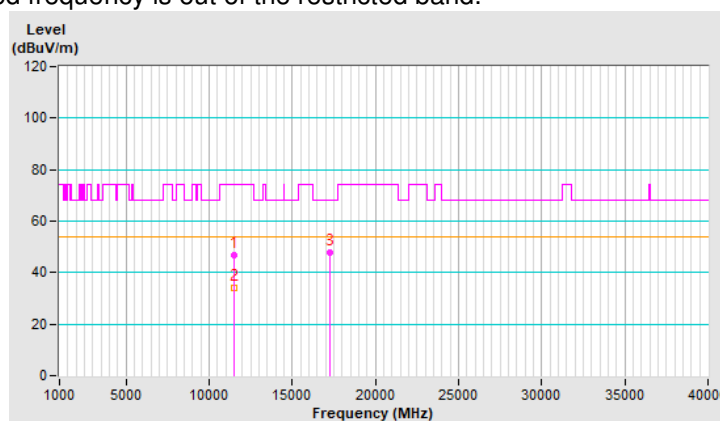


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11490.00	47.0 PK	74.0	-27.0	2.25 V	164	33.7	13.3
2	11490.00	34.3 AV	54.0	-19.7	2.25 V	164	21.0	13.3
3	#17235.00	48.0 PK	68.2	-20.2	1.53 V	189	30.4	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

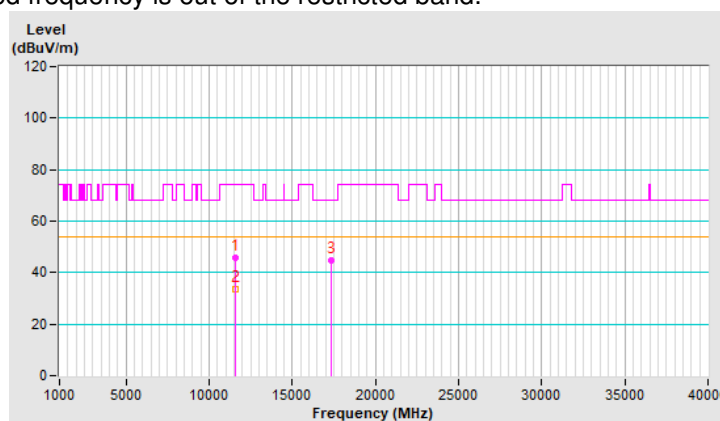


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11570.00	45.9 PK	74.0	-28.1	1.57 H	308	32.7	13.2
2	11570.00	33.4 AV	54.0	-20.6	1.57 H	308	20.2	13.2
3	#17355.00	44.8 PK	68.2	-23.4	1.40 H	186	27.2	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

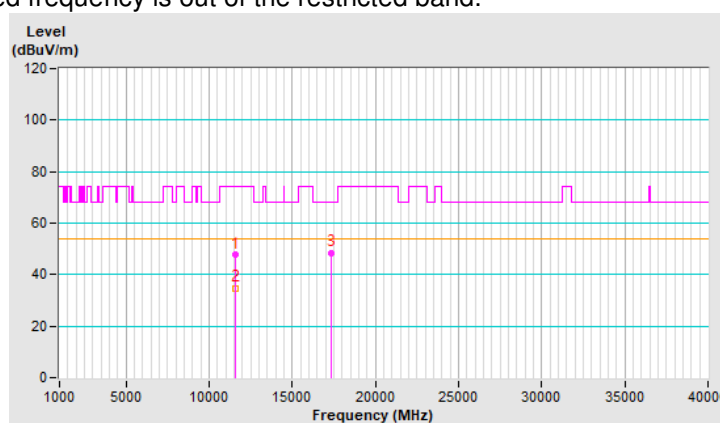


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11570.00	47.6 PK	74.0	-26.4	2.20 V	175	34.4	13.2
2	11570.00	34.6 AV	54.0	-19.4	2.20 V	175	21.4	13.2
3	#17355.00	48.2 PK	68.2	-20.0	1.54 V	191	30.6	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

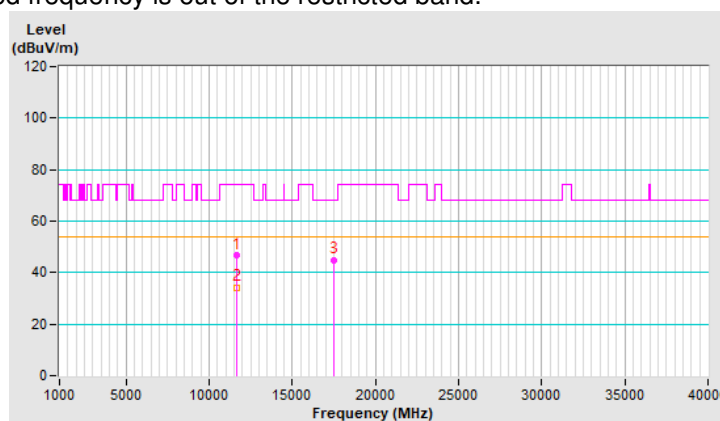


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11650.00	46.6 PK	74.0	-27.4	1.60 H	310	33.3	13.3
2	11650.00	34.2 AV	54.0	-19.8	1.60 H	310	20.9	13.3
3	#17475.00	44.8 PK	68.2	-23.4	1.45 H	195	26.9	17.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

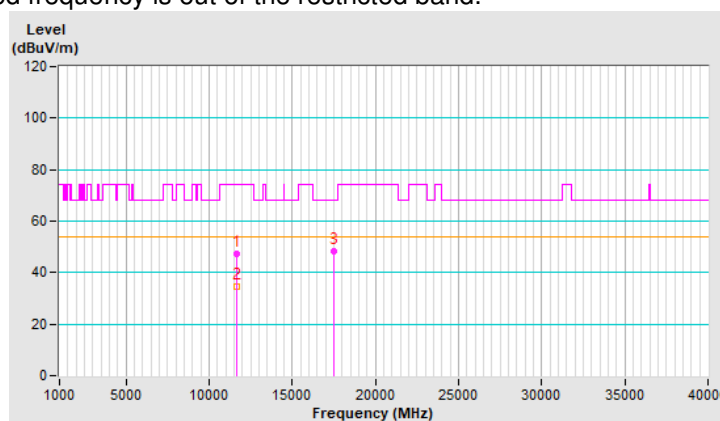


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11650.00	47.3 PK	74.0	-26.7	2.27 V	175	34.0	13.3
2	11650.00	34.5 AV	54.0	-19.5	2.27 V	175	21.2	13.3
3	#17475.00	48.3 PK	68.2	-19.9	1.53 V	178	30.4	17.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



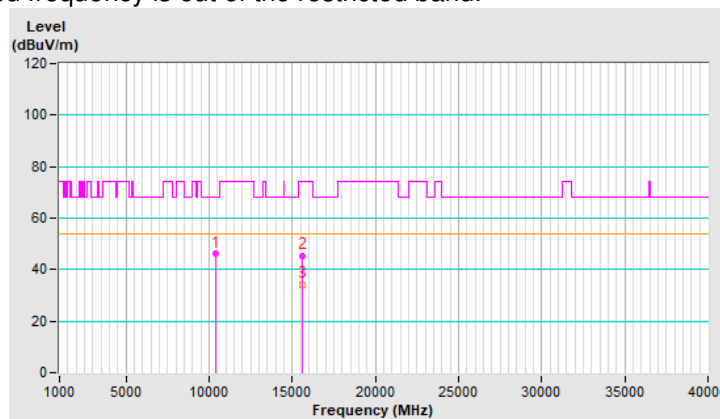
802.11ac (VHT40)

CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10380.00	46.1 PK	68.2	-22.1	1.53 H	321	33.4	12.7
2	15570.00	45.3 PK	74.0	-28.7	1.42 H	193	31.9	13.4
3	15570.00	34.2 AV	54.0	-19.8	1.42 H	193	20.8	13.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

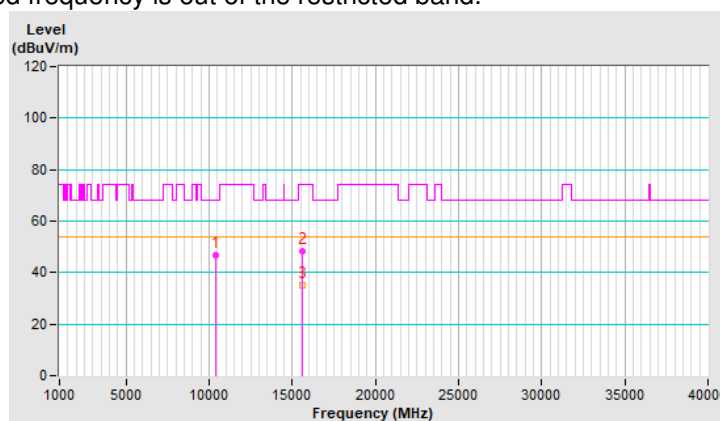


CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10380.00	47.0 PK	68.2	-21.2	2.28 V	159	34.3	12.7
2	15570.00	48.5 PK	74.0	-25.5	1.57 V	196	35.1	13.4
3	15570.00	35.2 AV	54.0	-18.8	1.57 V	196	21.8	13.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

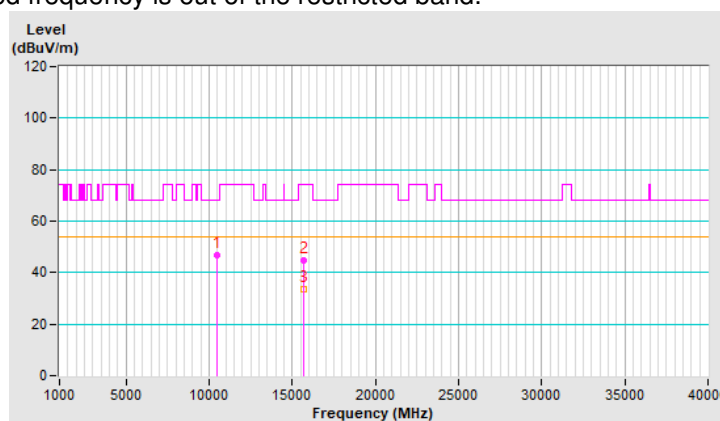


CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10460.00	47.0 PK	68.2	-21.2	1.60 H	327	34.0	13.0
2	15690.00	44.8 PK	74.0	-29.2	1.44 H	206	30.9	13.9
3	15690.00	33.5 AV	54.0	-20.5	1.44 H	206	19.6	13.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

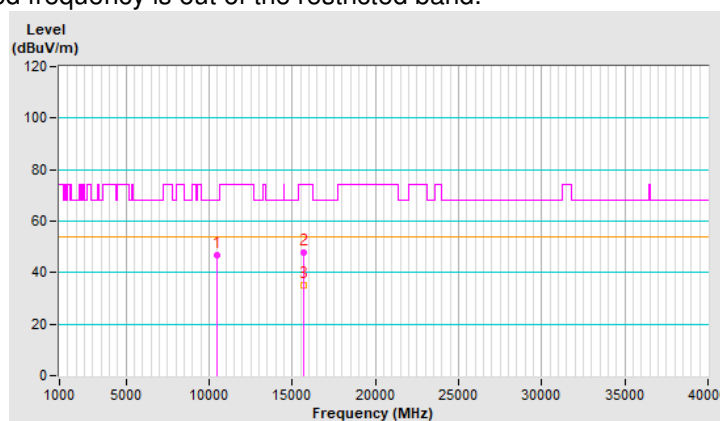


CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10460.00	46.8 PK	68.2	-21.4	2.29 V	168	33.8	13.0
2	15690.00	48.0 PK	74.0	-26.0	1.64 V	170	34.1	13.9
3	15690.00	35.1 AV	54.0	-18.9	1.64 V	170	21.2	13.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

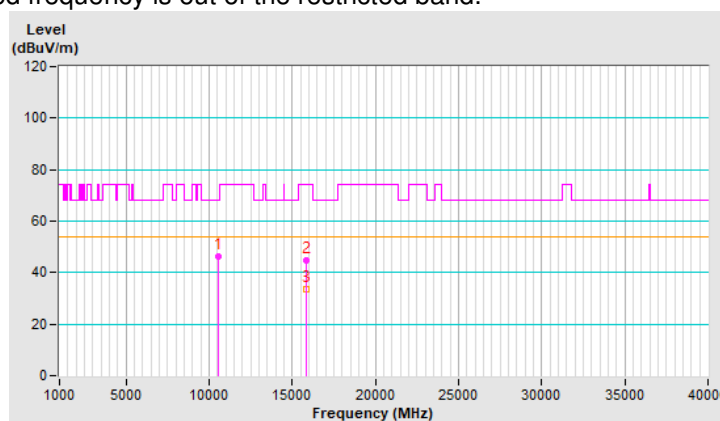


CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10540.00	46.5 PK	68.2	-21.7	1.54 H	300	33.5	13.0
2	15810.00	44.7 PK	74.0	-29.3	1.41 H	187	31.5	13.2
3	15810.00	33.8 AV	54.0	-20.2	1.41 H	187	20.6	13.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

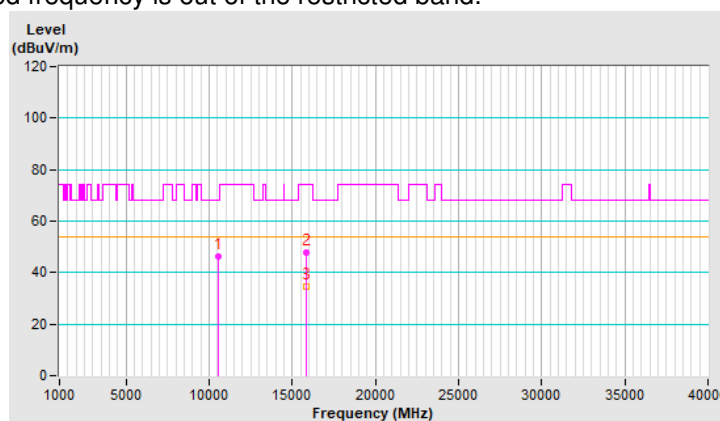


CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10540.00	46.4 PK	68.2	-21.8	2.20 V	162	33.4	13.0
2	15810.00	47.7 PK	74.0	-26.3	1.53 V	195	34.5	13.2
3	15810.00	34.8 AV	54.0	-19.2	1.53 V	195	21.6	13.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

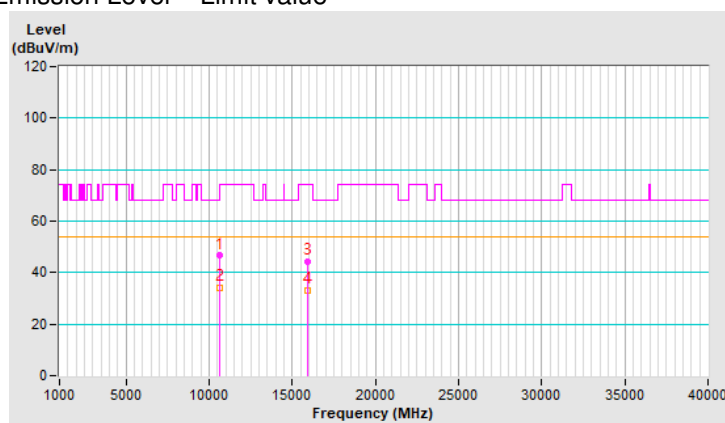


CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10620.00	46.6 PK	74.0	-27.4	1.49 H	328	33.7	12.9
2	10620.00	34.1 AV	54.0	-19.9	1.49 H	328	21.2	12.9
3	15930.00	44.2 PK	74.0	-29.8	1.40 H	203	31.4	12.8
4	15930.00	33.3 AV	54.0	-20.7	1.40 H	203	20.5	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

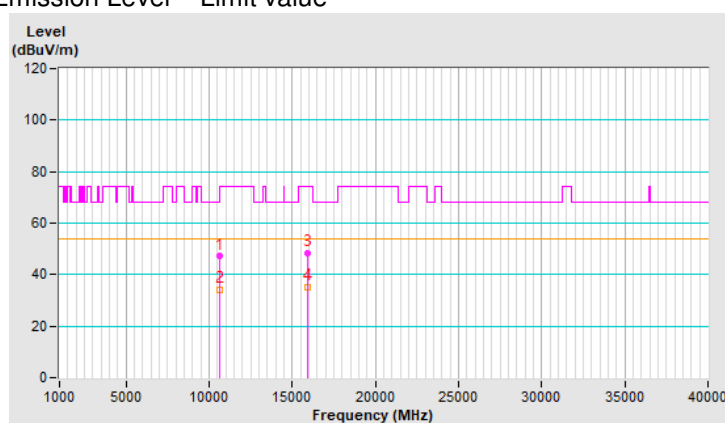


CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10620.00	47.1 PK	74.0	-26.9	2.25 V	150	34.2	12.9
2	10620.00	34.3 AV	54.0	-19.7	2.25 V	150	21.4	12.9
3	15930.00	48.5 PK	74.0	-25.5	1.62 V	178	35.7	12.8
4	15930.00	35.3 AV	54.0	-18.7	1.62 V	178	22.5	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

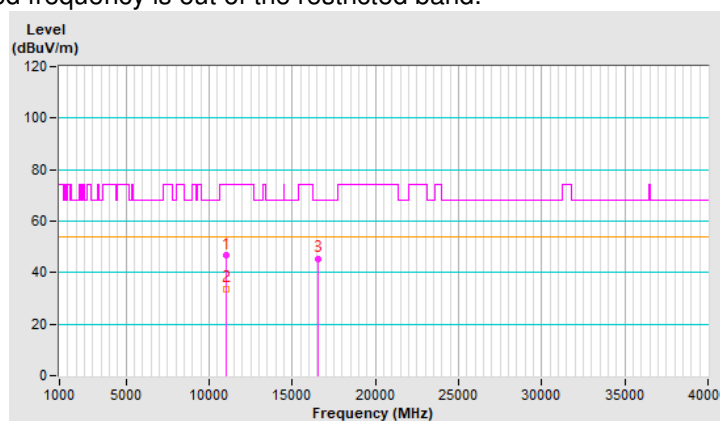


CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11020.00	46.6 PK	74.0	-27.4	1.49 H	302	33.6	13.0
2	11020.00	33.8 AV	54.0	-20.2	1.49 H	302	20.8	13.0
3	#16530.00	45.1 PK	68.2	-23.1	1.47 H	211	30.4	14.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

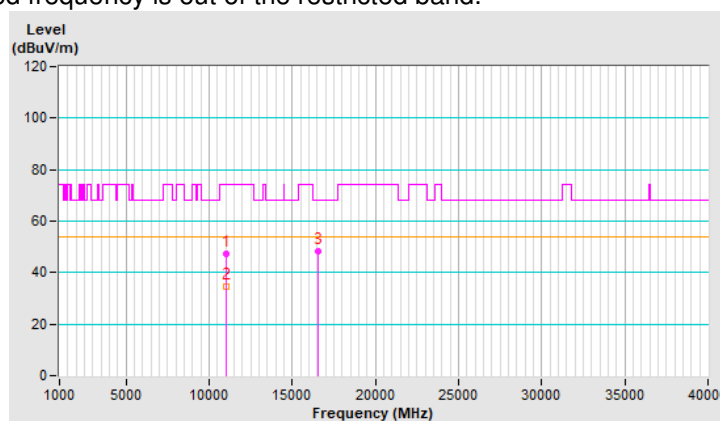


CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11020.00	47.5 PK	74.0	-26.5	2.28 V	153	34.5	13.0
2	11020.00	34.6 AV	54.0	-19.4	2.28 V	153	21.6	13.0
3	#16530.00	48.4 PK	68.2	-19.8	1.62 V	197	33.7	14.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

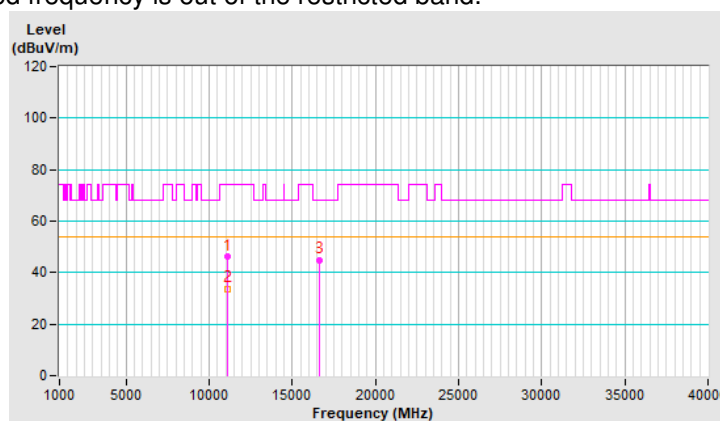


CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11100.00	46.1 PK	74.0	-27.9	1.53 H	312	33.1	13.0
2	11100.00	33.5 AV	54.0	-20.5	1.53 H	312	20.5	13.0
3	#16650.00	44.8 PK	68.2	-23.4	1.42 H	204	29.1	15.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

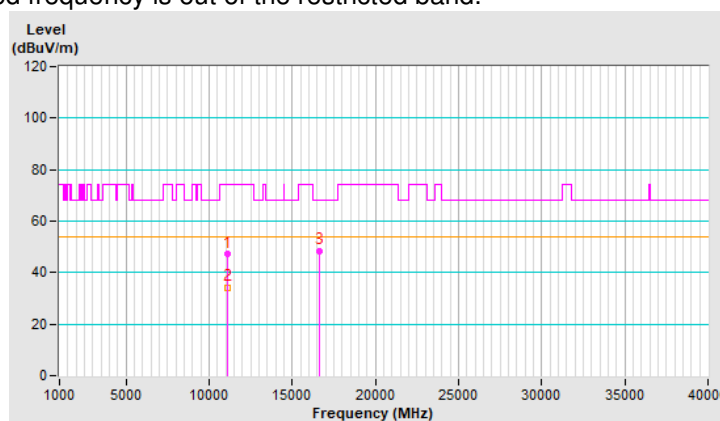


CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11100.00	47.1 PK	74.0	-26.9	2.32 V	148	34.1	13.0
2	11100.00	34.2 AV	54.0	-19.8	2.32 V	148	21.2	13.0
3	#16650.00	48.3 PK	68.2	-19.9	1.54 V	174	32.6	15.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

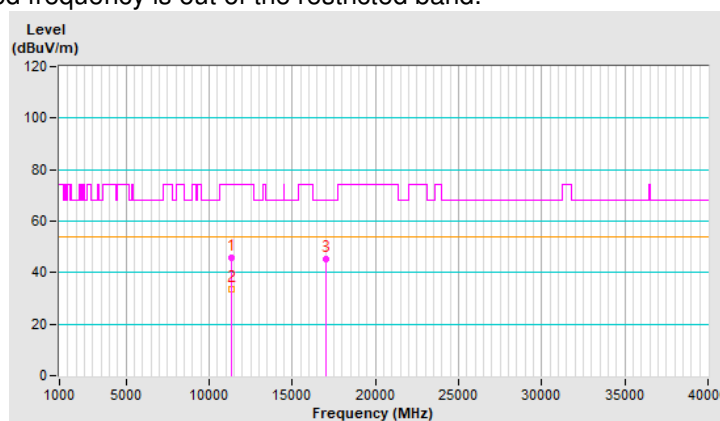


CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11340.00	46.0 PK	74.0	-28.0	1.49 H	329	32.8	13.2
2	11340.00	33.6 AV	54.0	-20.4	1.49 H	329	20.4	13.2
3	#17010.00	45.1 PK	68.2	-23.1	1.43 H	212	28.1	17.0

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

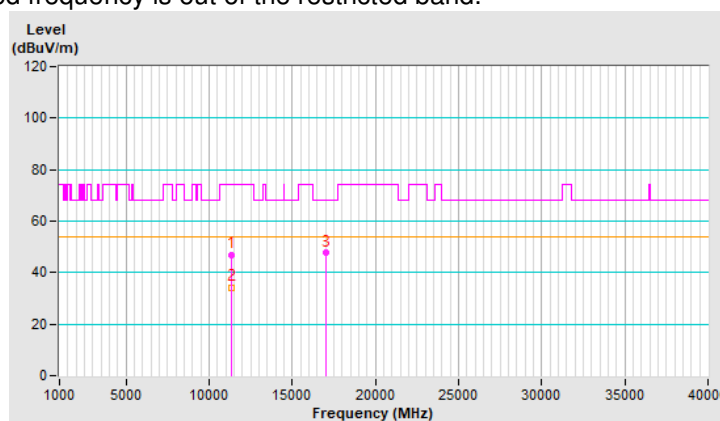


CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11340.00	47.0 PK	74.0	-27.0	2.28 V	152	33.8	13.2
2	11340.00	34.3 AV	54.0	-19.7	2.28 V	152	21.1	13.2
3	#17010.00	47.6 PK	68.2	-20.6	1.54 V	172	30.6	17.0

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

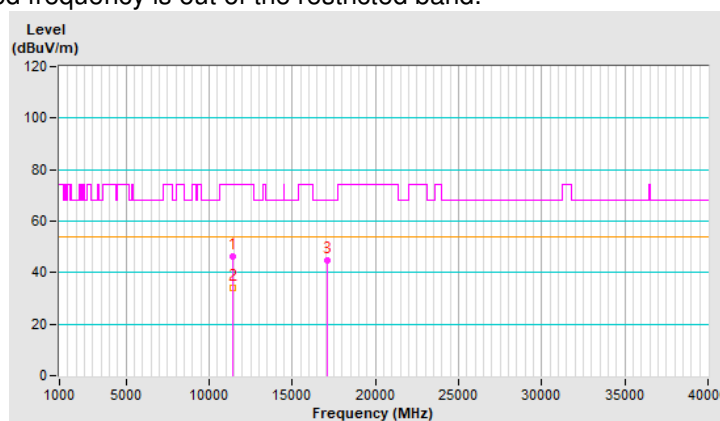


CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11420.00	46.3 PK	74.0	-27.7	1.60 H	307	33.1	13.2
2	11420.00	34.0 AV	54.0	-20.0	1.60 H	307	20.8	13.2
3	#17130.00	44.6 PK	68.2	-23.6	1.46 H	195	27.4	17.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

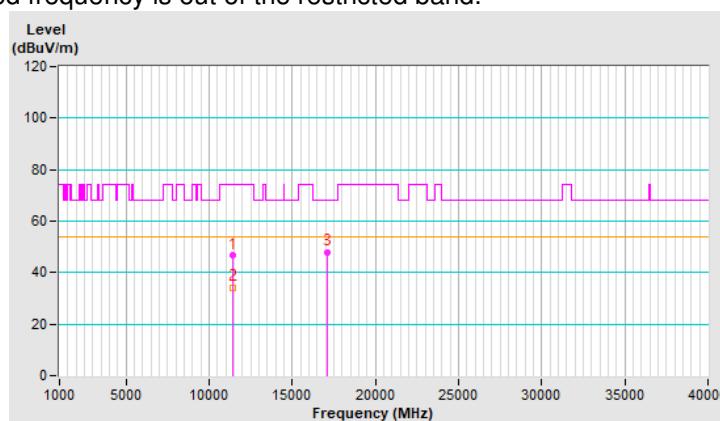


CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11420.00	46.6 PK	74.0	-27.4	2.28 V	169	33.4	13.2
2	11420.00	34.1 AV	54.0	-19.9	2.28 V	169	20.9	13.2
3	#17130.00	47.9 PK	68.2	-20.3	1.52 V	175	30.7	17.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

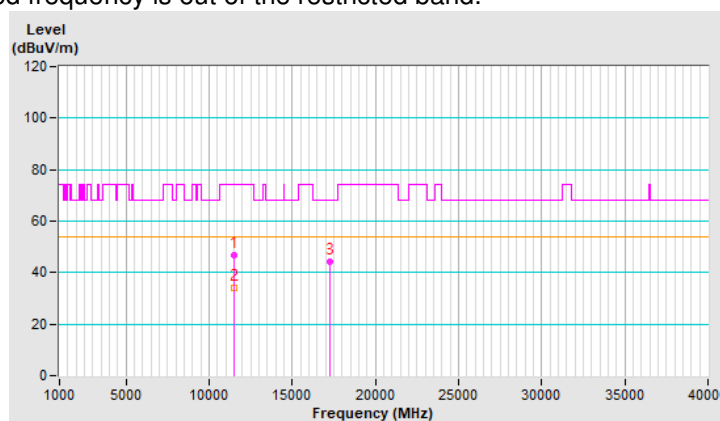


CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11510.00	46.7 PK	74.0	-27.3	1.60 H	325	33.4	13.3
2	11510.00	34.3 AV	54.0	-19.7	1.60 H	325	21.0	13.3
3	#17265.00	44.4 PK	68.2	-23.8	1.40 H	188	26.9	17.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

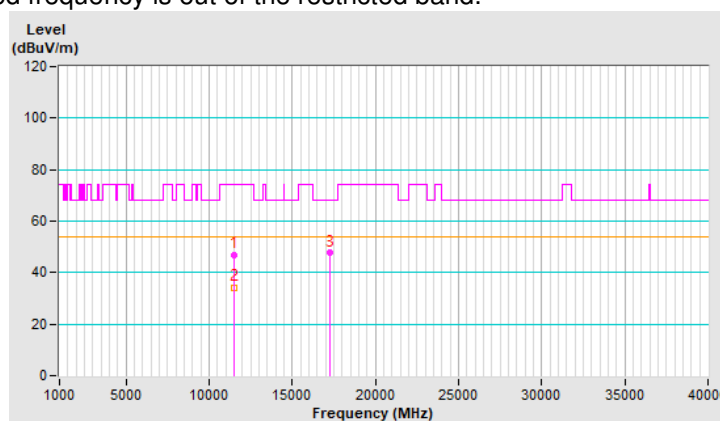


CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11510.00	47.0 PK	74.0	-27.0	2.29 V	165	33.7	13.3
2	11510.00	34.1 AV	54.0	-19.9	2.29 V	165	20.8	13.3
3	#17265.00	47.6 PK	68.2	-20.6	1.52 V	168	30.1	17.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

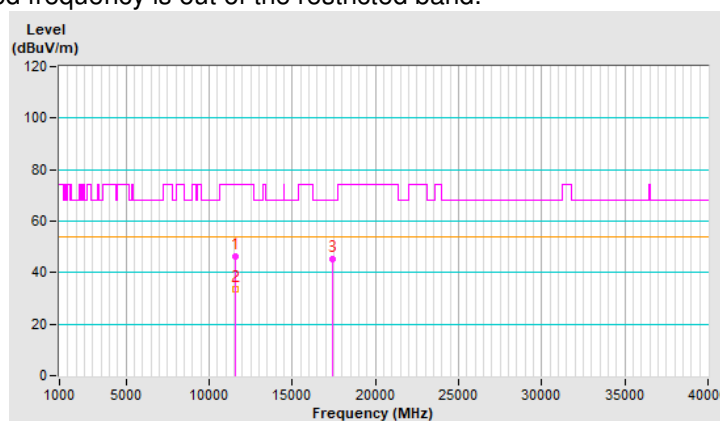


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11590.00	46.3 PK	74.0	-27.7	1.60 H	310	33.0	13.3
2	11590.00	33.5 AV	54.0	-20.5	1.60 H	310	20.2	13.3
3	#17385.00	45.2 PK	68.2	-23.0	1.42 H	210	27.5	17.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

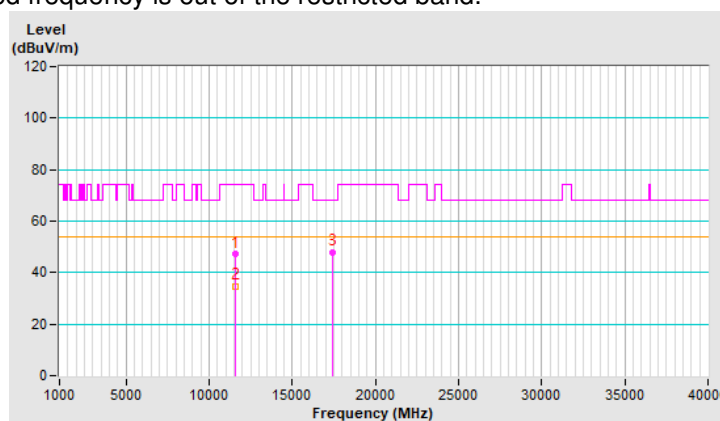


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11590.00	47.1 PK	74.0	-26.9	2.31 V	161	33.8	13.3
2	11590.00	34.5 AV	54.0	-19.5	2.31 V	161	21.2	13.3
3	#17385.00	47.8 PK	68.2	-20.4	1.54 V	178	30.1	17.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



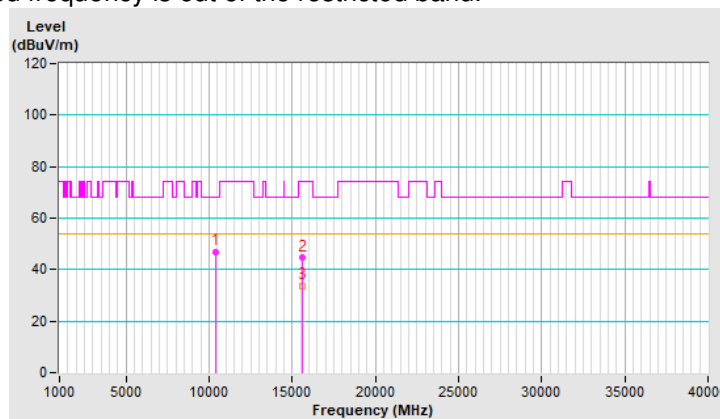
802.11ac (VHT80)

CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10420.00	46.9 PK	68.2	-21.3	1.56 H	321	34.1	12.8
2	15630.00	44.5 PK	74.0	-29.5	1.41 H	207	30.8	13.7
3	15630.00	33.5 AV	54.0	-20.5	1.41 H	207	19.8	13.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

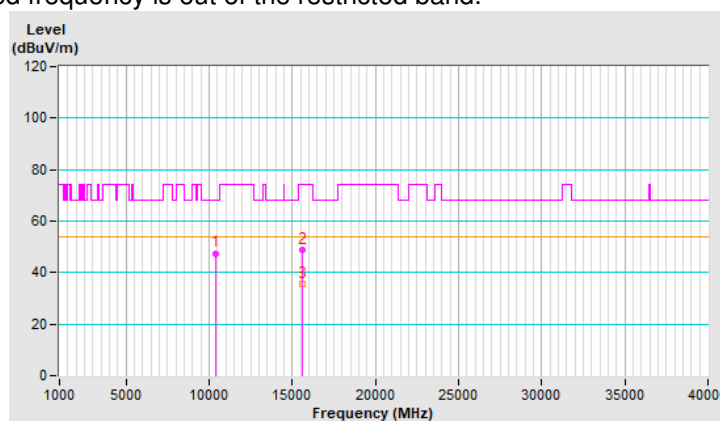


CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10420.00	47.3 PK	68.2	-20.9	2.31 V	165	34.5	12.8
2	15630.00	48.6 PK	74.0	-25.4	1.62 V	193	34.9	13.7
3	15630.00	35.4 AV	54.0	-18.6	1.62 V	193	21.7	13.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

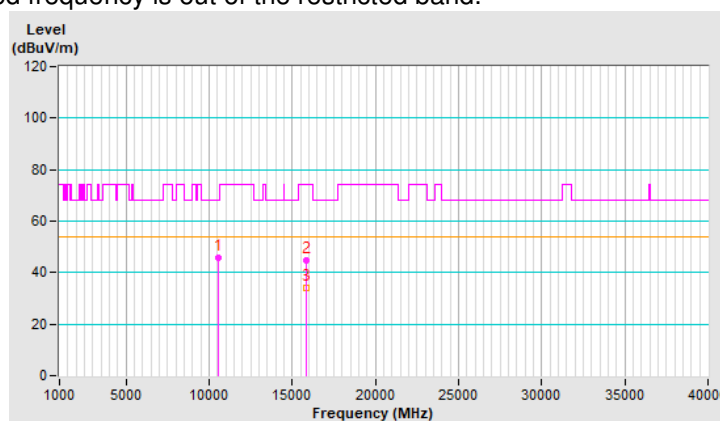


CHANNEL	TX Channel 58	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10580.00	45.8 PK	68.2	-22.4	1.61 H	326	32.9	12.9
2	15870.00	45.0 PK	74.0	-29.0	1.42 H	195	32.1	12.9
3	15870.00	33.9 AV	54.0	-20.1	1.42 H	195	21.0	12.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

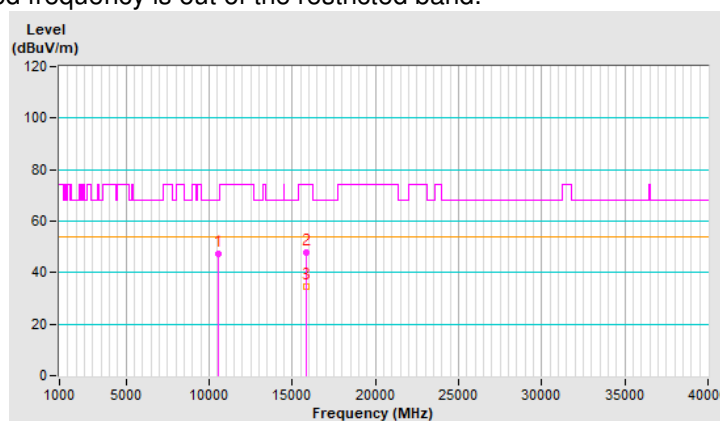


CHANNEL	TX Channel 58	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10580.00	47.2 PK	68.2	-21.0	2.27 V	170	34.3	12.9
2	15870.00	47.7 PK	74.0	-26.3	1.56 V	187	34.8	12.9
3	15870.00	34.6 AV	54.0	-19.4	1.56 V	187	21.7	12.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

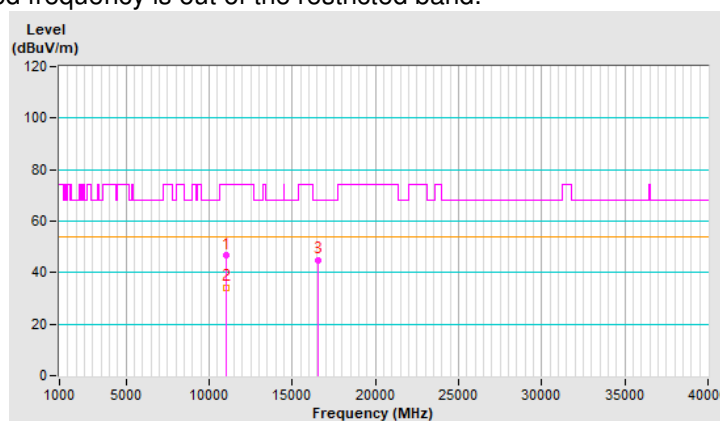


CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11060.00	46.6 PK	74.0	-27.4	1.55 H	314	33.7	12.9
2	11060.00	34.0 AV	54.0	-20.0	1.55 H	314	21.1	12.9
3	#16590.00	44.8 PK	68.2	-23.4	1.39 H	191	29.9	14.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

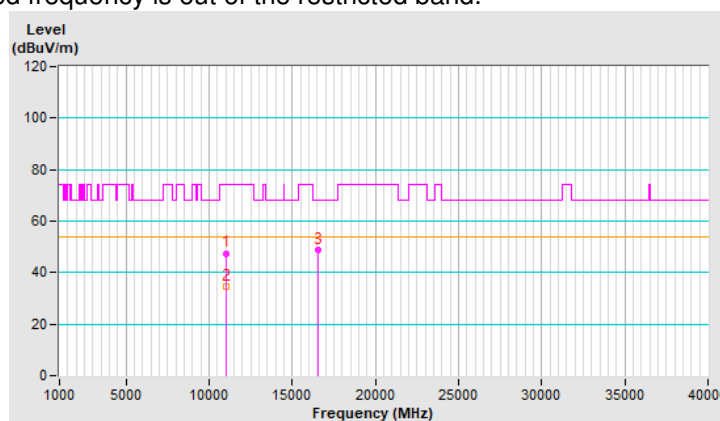


CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11060.00	47.4 PK	74.0	-26.6	2.25 V	174	34.5	12.9
2	11060.00	34.4 AV	54.0	-19.6	2.25 V	174	21.5	12.9
3	#16590.00	48.6 PK	68.2	-19.6	1.54 V	181	33.7	14.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

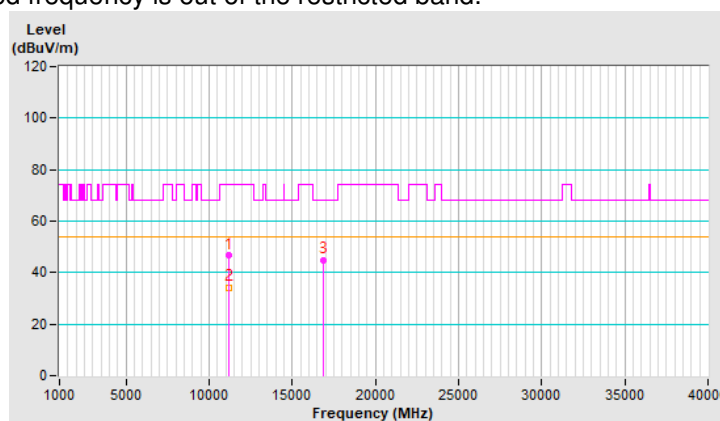


CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11220.00	46.6 PK	74.0	-27.4	1.55 H	313	33.4	13.2
2	11220.00	34.0 AV	54.0	-20.0	1.55 H	313	20.8	13.2
3	#16830.00	44.7 PK	68.2	-23.5	1.37 H	201	28.6	16.1

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

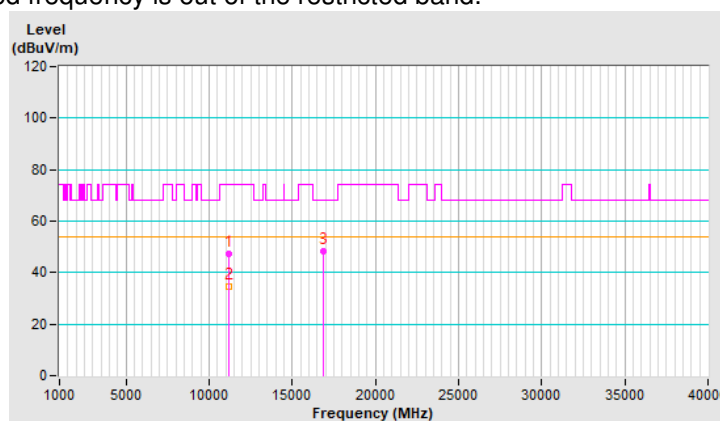


CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11220.00	47.4 PK	74.0	-26.6	2.20 V	152	34.2	13.2
2	11220.00	34.7 AV	54.0	-19.3	2.20 V	152	21.5	13.2
3	#16830.00	48.2 PK	68.2	-20.0	1.60 V	177	32.1	16.1

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

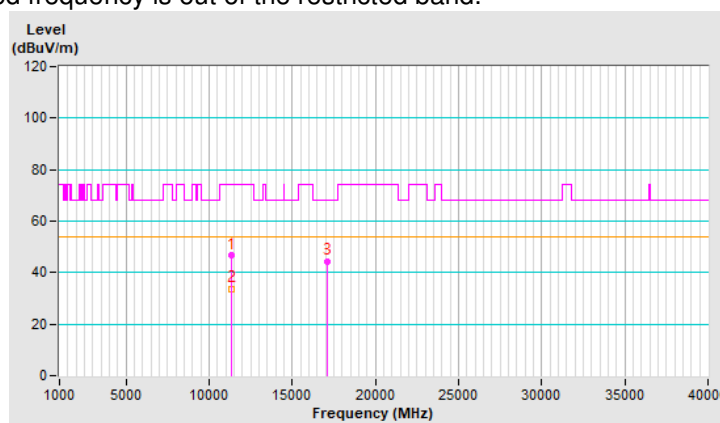


CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11380.00	46.6 PK	74.0	-27.4	1.56 H	331	33.4	13.2
2	11380.00	33.8 AV	54.0	-20.2	1.56 H	331	20.6	13.2
3	#17070.00	44.3 PK	68.2	-23.9	1.46 H	184	27.3	17.0

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

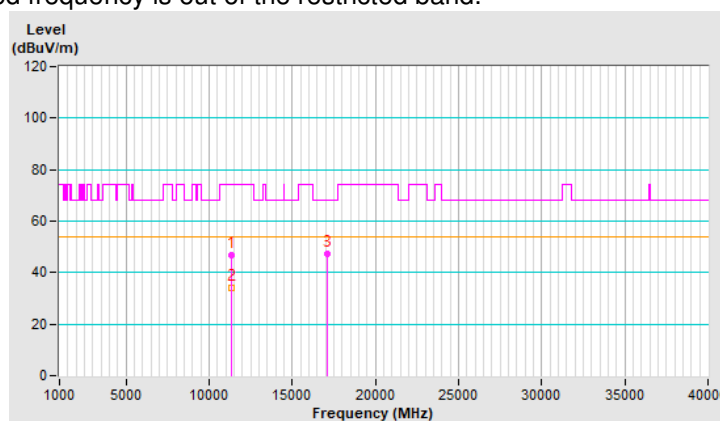


CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11380.00	46.8 PK	74.0	-27.2	2.22 V	178	33.6	13.2
2	11380.00	34.3 AV	54.0	-19.7	2.22 V	178	21.1	13.2
3	#17070.00	47.5 PK	68.2	-20.7	1.55 V	178	30.5	17.0

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

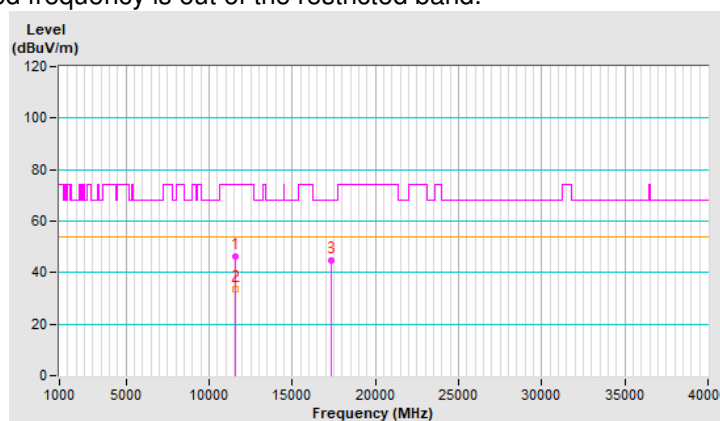


CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11550.00	46.2 PK	74.0	-27.8	1.54 H	311	33.0	13.2
2	11550.00	33.6 AV	54.0	-20.4	1.54 H	311	20.4	13.2
3	#17325.00	44.9 PK	68.2	-23.3	1.39 H	210	27.3	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

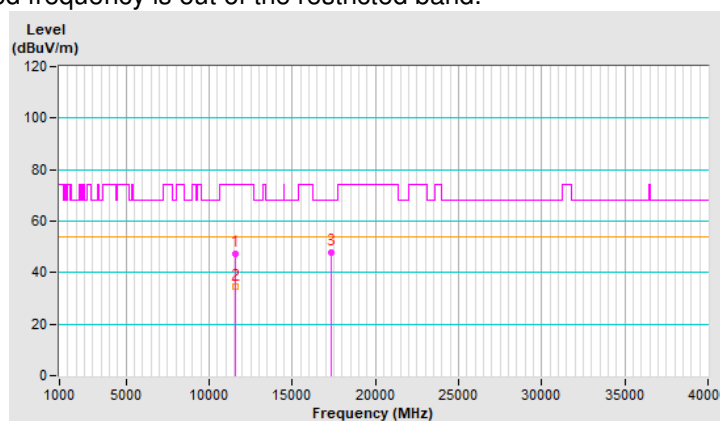


CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11550.00	47.3 PK	74.0	-26.7	2.30 V	148	34.1	13.2
2	11550.00	34.4 AV	54.0	-19.6	2.30 V	148	21.2	13.2
3	#17325.00	47.7 PK	68.2	-20.5	1.58 V	167	30.1	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



Below 1GHz Data:

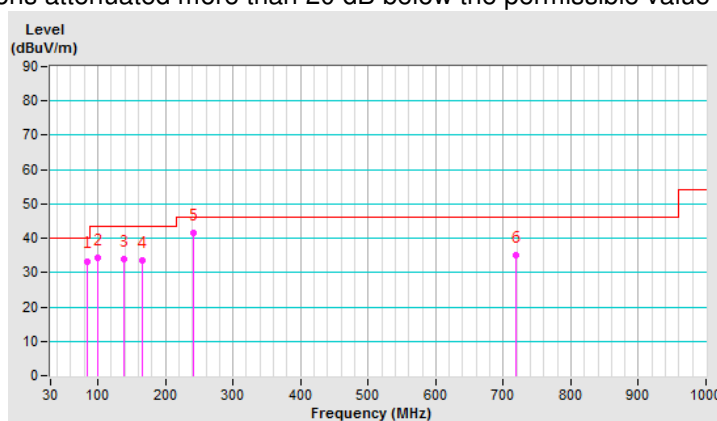
802.11ac (VHT20)

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	84.22	33.4 QP	40.0	-6.6	2.50 H	281	46.8	-13.4
2	99.62	34.2 QP	43.5	-9.3	3.00 H	273	46.1	-11.9
3	137.84	34.0 QP	43.5	-9.5	2.00 H	293	41.7	-7.7
4	166.33	33.6 QP	43.5	-9.9	1.50 H	353	41.1	-7.5
5	241.87	41.5 QP	46.0	-4.5	1.00 H	319	50.1	-8.6
6	718.17	35.1 QP	46.0	-10.9	1.00 H	360	32.5	2.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

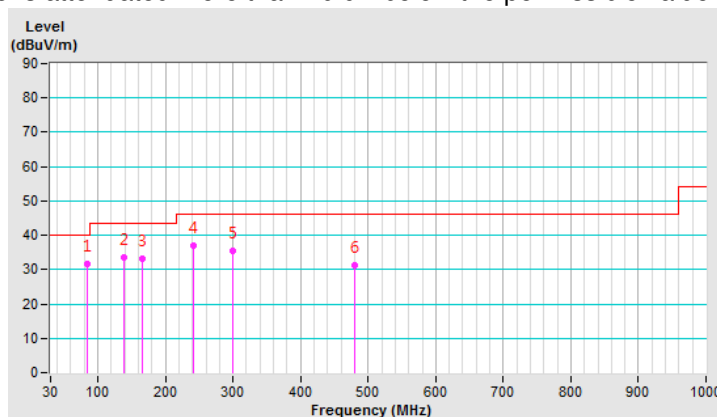


CHANNEL	TX Channel 36	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	83.59	31.6 QP	40.0	-8.4	2.00 V	0	44.9	-13.3
2	137.69	33.5 QP	43.5	-10.0	1.00 V	307	41.2	-7.7
3	166.28	33.2 QP	43.5	-10.3	1.00 V	112	40.7	-7.5
4	241.12	37.0 QP	46.0	-9.0	1.00 V	0	45.6	-8.6
5	298.76	35.3 QP	46.0	-10.7	2.00 V	296	41.7	-6.4
6	479.62	31.1 QP	46.0	-14.9	1.00 V	167	33.1	-2.0

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

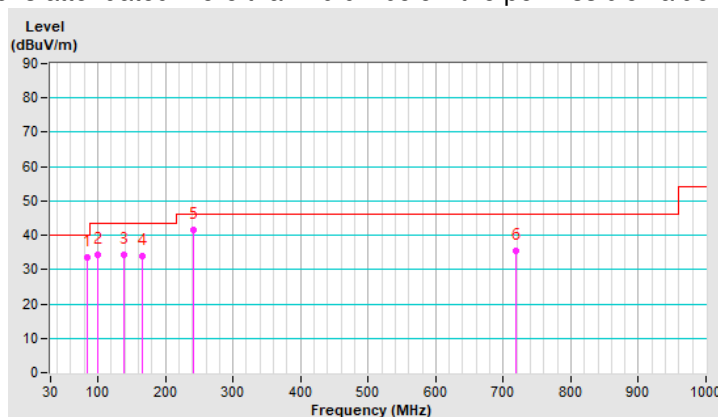


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	84.45	33.5 QP	40.0	-6.5	2.50 H	302	46.9	-13.4
2	99.76	34.4 QP	43.5	-9.1	3.00 H	290	46.2	-11.8
3	137.95	34.2 QP	43.5	-9.3	2.00 H	313	41.9	-7.7
4	166.48	33.8 QP	43.5	-9.7	1.50 H	326	41.3	-7.5
5	241.99	41.7 QP	46.0	-4.3	1.00 H	331	50.3	-8.6
6	718.31	35.3 QP	46.0	-10.7	1.00 H	328	32.7	2.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

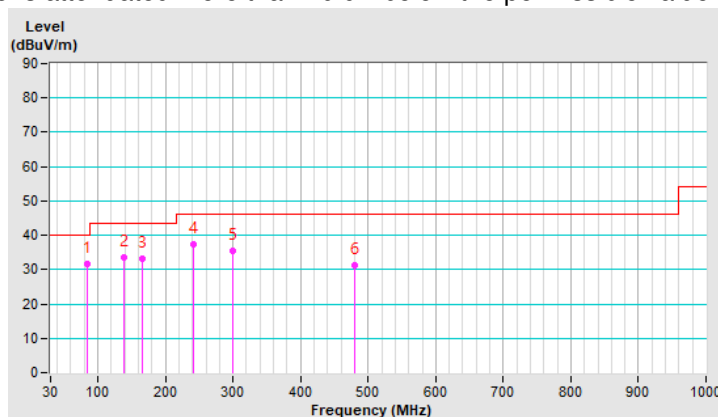


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	83.77	31.8 QP	40.0	-8.2	2.00 V	64	45.1	-13.3
2	137.87	33.6 QP	43.5	-9.9	1.00 V	340	41.3	-7.7
3	166.41	33.3 QP	43.5	-10.2	1.00 V	128	40.8	-7.5
4	241.26	37.2 QP	46.0	-8.8	1.00 V	23	45.8	-8.6
5	298.91	35.4 QP	46.0	-10.6	2.00 V	313	41.8	-6.4
6	479.79	31.3 QP	46.0	-14.7	1.00 V	183	33.3	-2.0

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

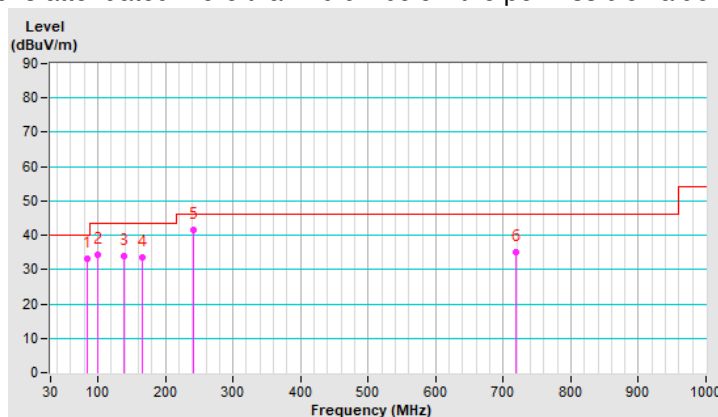


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	84.06	33.2 QP	40.0	-6.8	2.50 H	259	46.6	-13.4
2	99.75	34.3 QP	43.5	-9.2	3.00 H	251	46.1	-11.8
3	137.98	33.8 QP	43.5	-9.7	2.00 H	280	41.5	-7.7
4	166.43	33.4 QP	43.5	-10.1	1.50 H	289	40.9	-7.5
5	241.99	41.6 QP	46.0	-4.4	1.00 H	296	50.2	-8.6
6	718.31	35.0 QP	46.0	-11.0	1.00 H	346	32.4	2.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

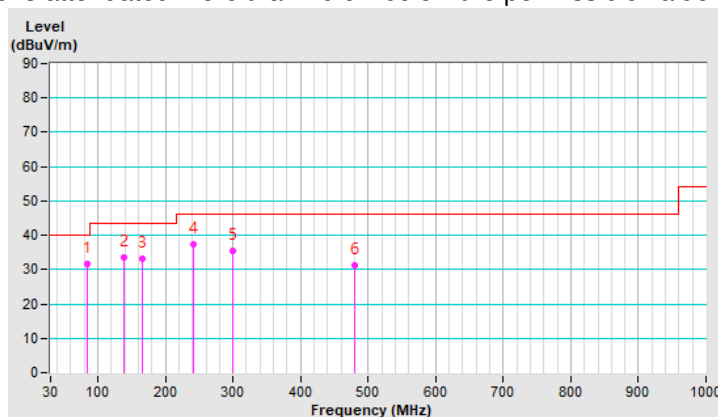


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	83.74	31.7 QP	40.0	-8.3	2.00 V	141	45.0	-13.3
2	137.83	33.6 QP	43.5	-9.9	1.00 V	328	41.3	-7.7
3	166.41	33.1 QP	43.5	-10.4	1.00 V	123	40.6	-7.5
4	241.25	37.3 QP	46.0	-8.7	1.00 V	17	45.9	-8.6
5	298.90	35.5 QP	46.0	-10.5	2.00 V	313	41.9	-6.4
6	479.76	31.3 QP	46.0	-14.7	1.00 V	186	33.3	-2.0

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

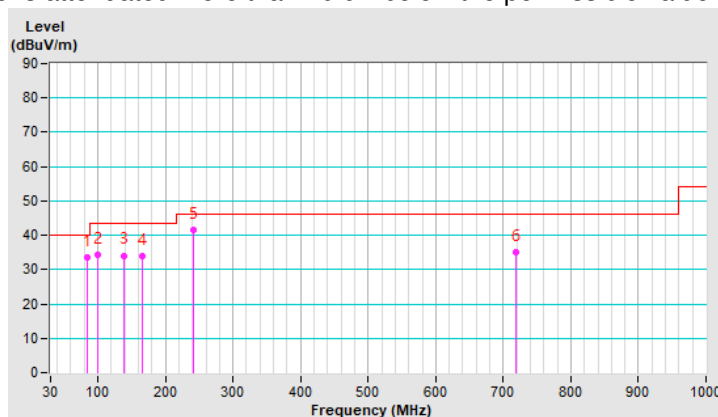


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	84.33	33.6 QP	40.0	-6.4	2.50 H	299	47.0	-13.4
2	99.77	34.3 QP	43.5	-9.2	3.00 H	292	46.1	-11.8
3	137.99	34.1 QP	43.5	-9.4	2.00 H	311	41.8	-7.7
4	166.46	33.8 QP	43.5	-9.7	1.50 H	331	41.3	-7.5
5	241.99	41.6 QP	46.0	-4.4	1.00 H	303	50.2	-8.6
6	718.32	34.9 QP	46.0	-11.1	1.00 H	339	32.3	2.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

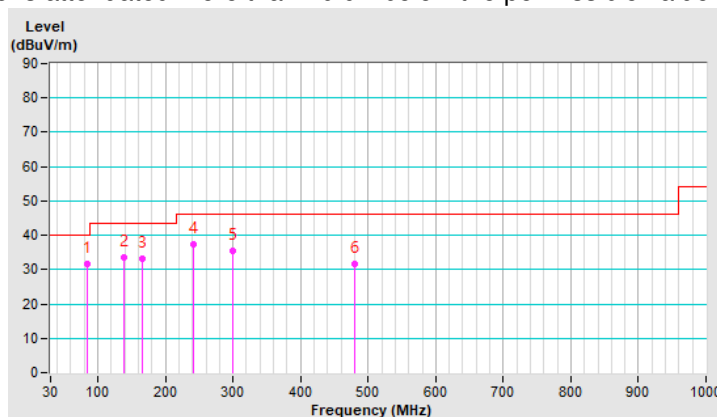


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	83.74	31.8 QP	40.0	-8.2	2.00 V	113	45.1	-13.3
2	137.81	33.6 QP	43.5	-9.9	1.00 V	221	41.3	-7.7
3	166.42	33.3 QP	43.5	-10.2	1.00 V	126	40.8	-7.5
4	241.31	37.2 QP	46.0	-8.8	1.00 V	22	45.8	-8.6
5	298.94	35.5 QP	46.0	-10.5	2.00 V	317	41.9	-6.4
6	479.79	31.5 QP	46.0	-14.5	1.00 V	150	33.5	-2.0

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



4.1.7.2 Test Results (Mode 2)

Radiated test was done with 50ohm terminator on antenna port

Above 1GHz Data:

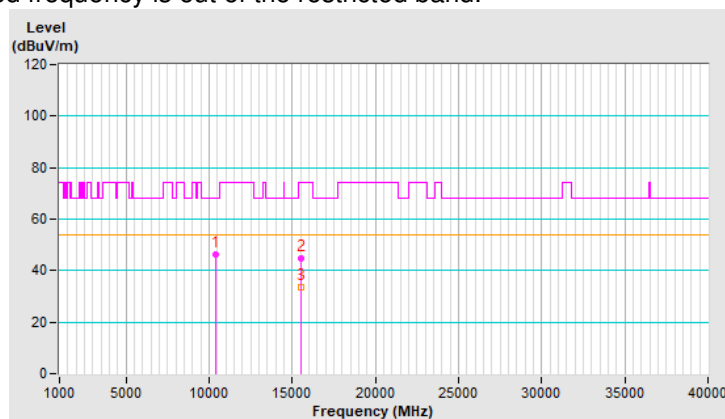
802.11a

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	46.4 PK	68.2	-21.8	1.55 H	316	33.7	12.7
2	15540.00	44.8 PK	74.0	-29.2	1.42 H	197	31.6	13.2
3	15540.00	33.7 AV	54.0	-20.3	1.42 H	197	20.5	13.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

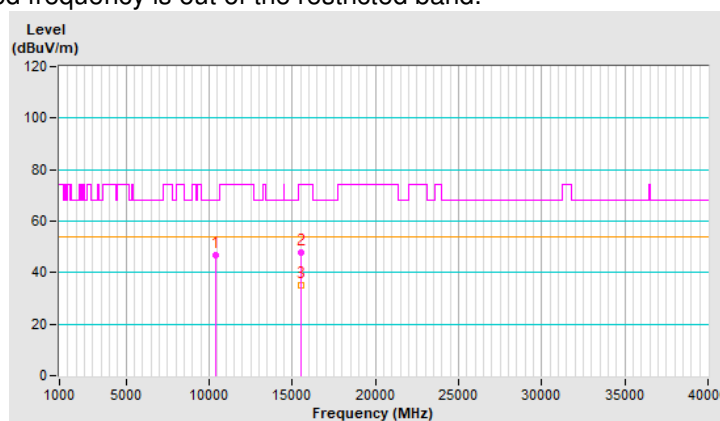


CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	46.9 PK	68.2	-21.3	2.26 V	162	34.2	12.7
2	15540.00	48.0 PK	74.0	-26.0	1.58 V	182	34.8	13.2
3	15540.00	35.0 AV	54.0	-19.0	1.58 V	182	21.8	13.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

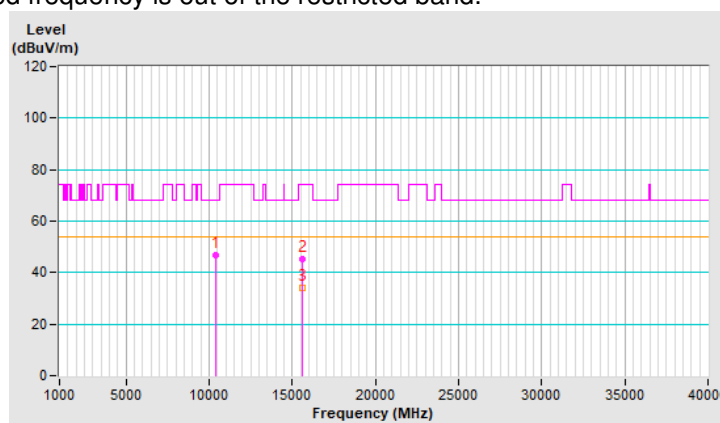


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	46.9 PK	68.2	-21.3	1.51 H	309	34.1	12.8
2	15600.00	45.3 PK	74.0	-28.7	1.45 H	190	31.8	13.5
3	15600.00	34.0 AV	54.0	-20.0	1.45 H	190	20.5	13.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

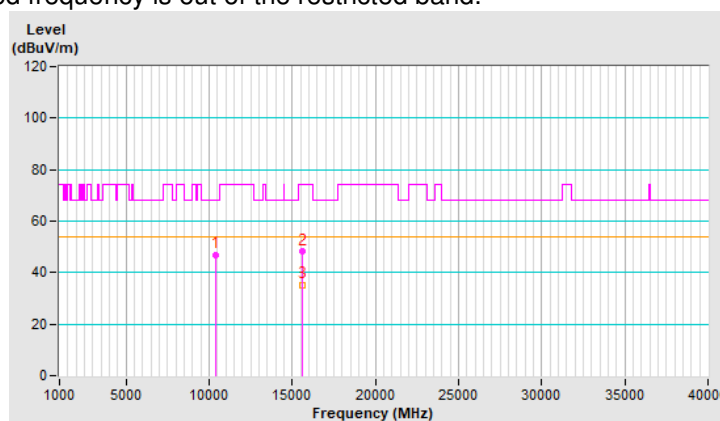


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	46.9 PK	68.2	-21.3	2.31 V	167	34.1	12.8
2	15600.00	48.1 PK	74.0	-25.9	1.53 V	189	34.6	13.5
3	15600.00	35.2 AV	54.0	-18.8	1.53 V	189	21.7	13.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

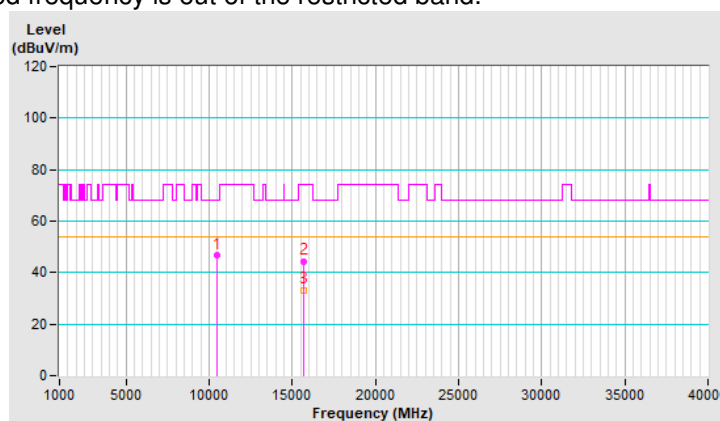


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	46.6 PK	68.2	-21.6	1.55 H	314	33.5	13.1
2	15720.00	44.3 PK	74.0	-29.7	1.47 H	212	30.5	13.8
3	15720.00	33.3 AV	54.0	-20.7	1.47 H	212	19.5	13.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

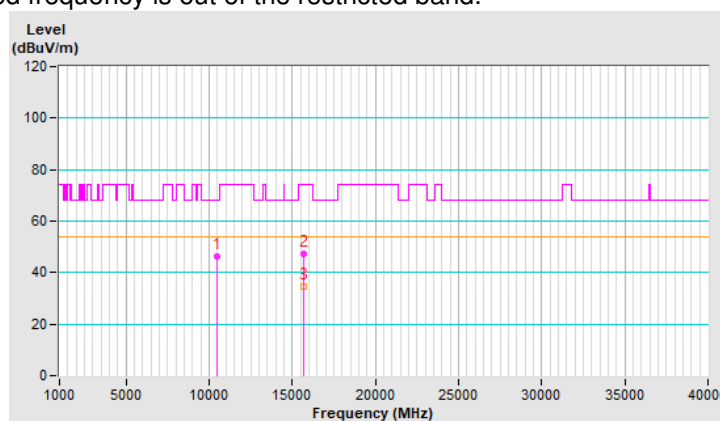


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	46.4 PK	68.2	-21.8	2.28 V	175	33.3	13.1
2	15720.00	47.3 PK	74.0	-26.7	1.53 V	184	33.5	13.8
3	15720.00	34.5 AV	54.0	-19.5	1.53 V	184	20.7	13.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

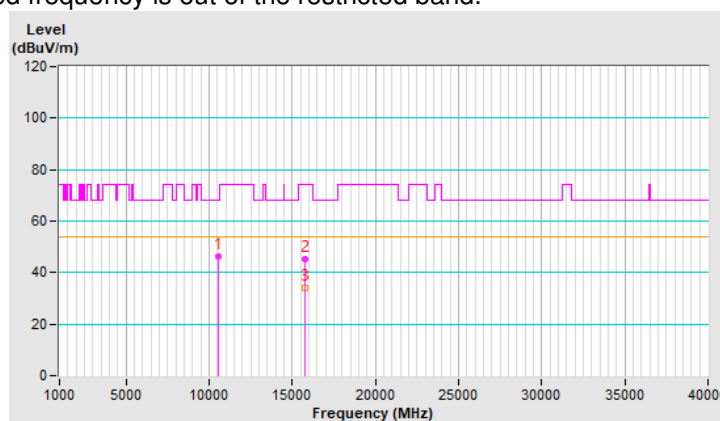


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	46.4 PK	68.2	-21.8	1.60 H	323	33.3	13.1
2	15780.00	45.3 PK	74.0	-28.7	1.44 H	201	31.8	13.5
3	15780.00	34.0 AV	54.0	-20.0	1.44 H	201	20.5	13.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

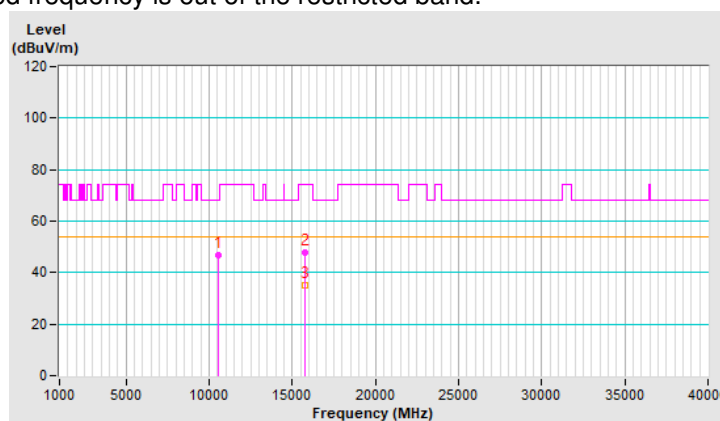


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	46.7 PK	68.2	-21.5	2.26 V	161	33.6	13.1
2	15780.00	47.8 PK	74.0	-26.2	1.54 V	197	34.3	13.5
3	15780.00	35.0 AV	54.0	-19.0	1.54 V	197	21.5	13.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

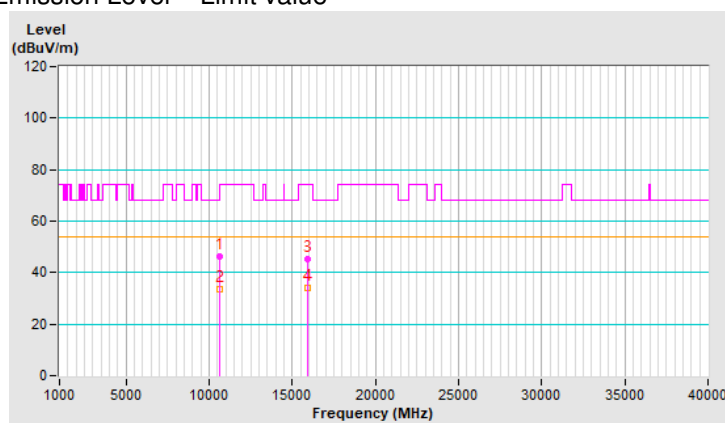


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	46.5 PK	74.0	-27.5	1.50 H	309	33.6	12.9
2	10600.00	33.8 AV	54.0	-20.2	1.50 H	309	20.9	12.9
3	15900.00	45.1 PK	74.0	-28.9	1.41 H	185	32.3	12.8
4	15900.00	34.0 AV	54.0	-20.0	1.41 H	185	21.2	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

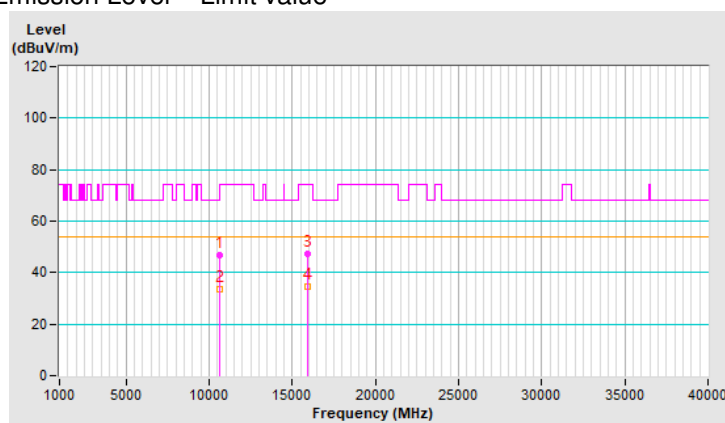


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	46.8 PK	74.0	-27.2	2.31 V	174	33.9	12.9
2	10600.00	33.8 AV	54.0	-20.2	2.31 V	174	20.9	12.9
3	15900.00	47.4 PK	74.0	-26.6	1.64 V	188	34.6	12.8
4	15900.00	34.5 AV	54.0	-19.5	1.64 V	188	21.7	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

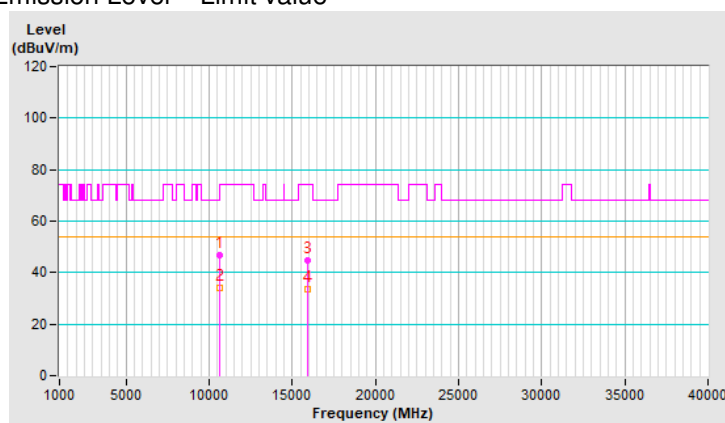


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	47.0 PK	74.0	-27.0	1.59 H	309	34.1	12.9
2	10640.00	34.2 AV	54.0	-19.8	1.59 H	309	21.3	12.9
3	15960.00	44.6 PK	74.0	-29.4	1.38 H	206	31.8	12.8
4	15960.00	33.7 AV	54.0	-20.3	1.38 H	206	20.9	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

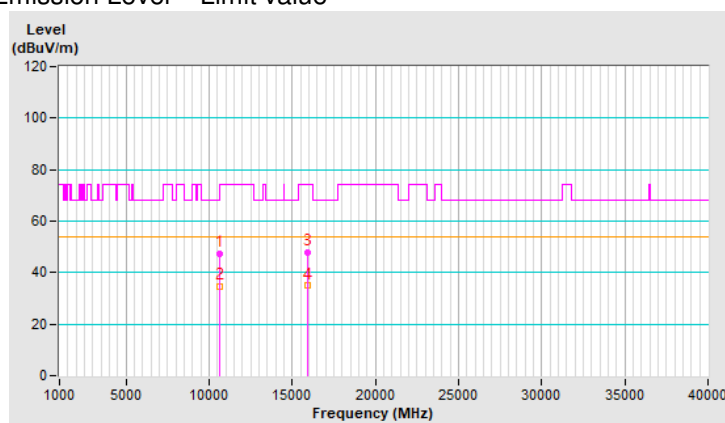


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	47.5 PK	74.0	-26.5	2.21 V	169	34.6	12.9
2	10640.00	34.7 AV	54.0	-19.3	2.21 V	169	21.8	12.9
3	15960.00	47.8 PK	74.0	-26.2	1.59 V	181	35.0	12.8
4	15960.00	34.9 AV	54.0	-19.1	1.59 V	181	22.1	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

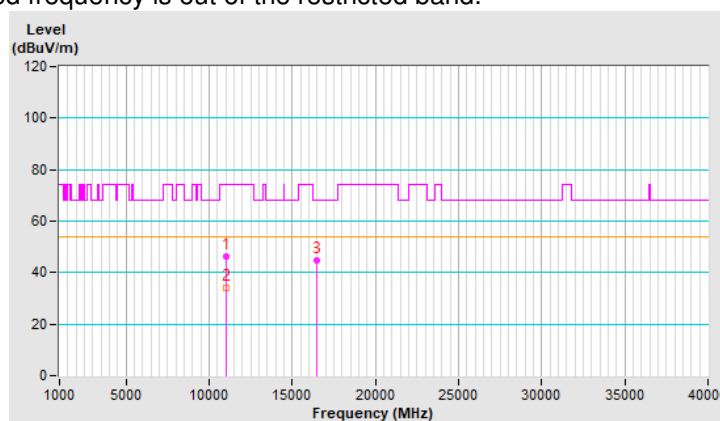


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	46.4 PK	74.0	-27.6	1.56 H	314	33.4	13.0
2	11000.00	34.0 AV	54.0	-20.0	1.56 H	314	21.0	13.0
3	#16500.00	45.0 PK	68.2	-23.2	1.43 H	195	30.4	14.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

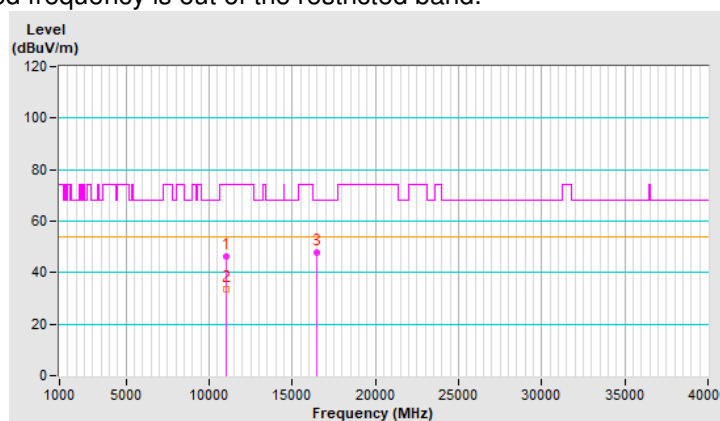


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	46.3 PK	74.0	-27.7	2.25 V	173	33.3	13.0
2	11000.00	33.8 AV	54.0	-20.2	2.25 V	173	20.8	13.0
3	#16500.00	47.8 PK	68.2	-20.4	1.62 V	190	33.2	14.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

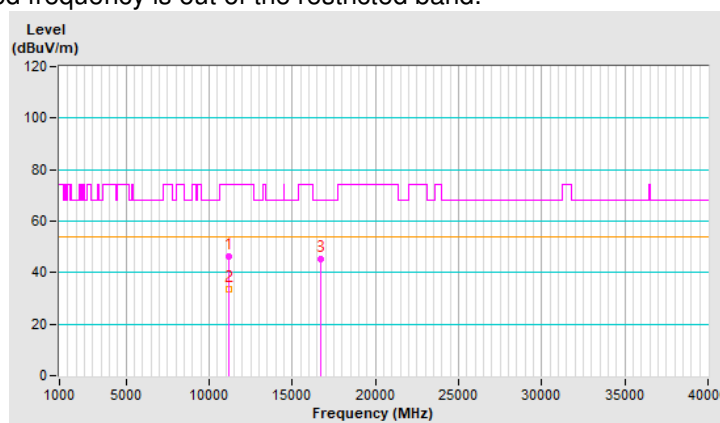


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	46.4 PK	74.0	-27.6	1.51 H	303	33.3	13.1
2	11160.00	33.8 AV	54.0	-20.2	1.51 H	303	20.7	13.1
3	#16740.00	45.4 PK	68.2	-22.8	1.47 H	207	29.2	16.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

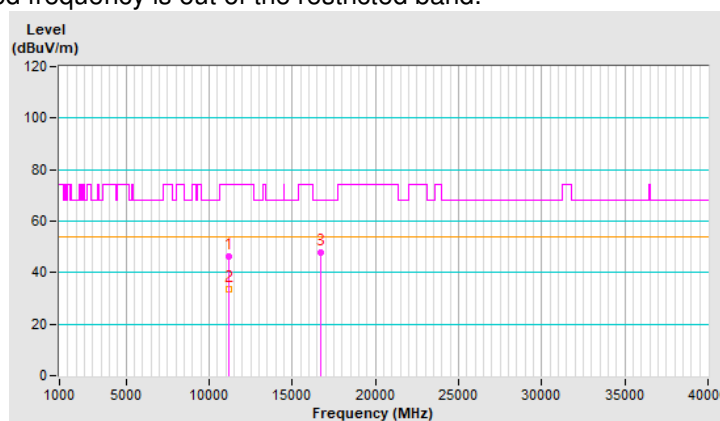


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	46.4 PK	74.0	-27.6	2.31 V	156	33.3	13.1
2	11160.00	33.8 AV	54.0	-20.2	2.31 V	156	20.7	13.1
3	#16740.00	47.8 PK	68.2	-20.4	1.60 V	197	31.6	16.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

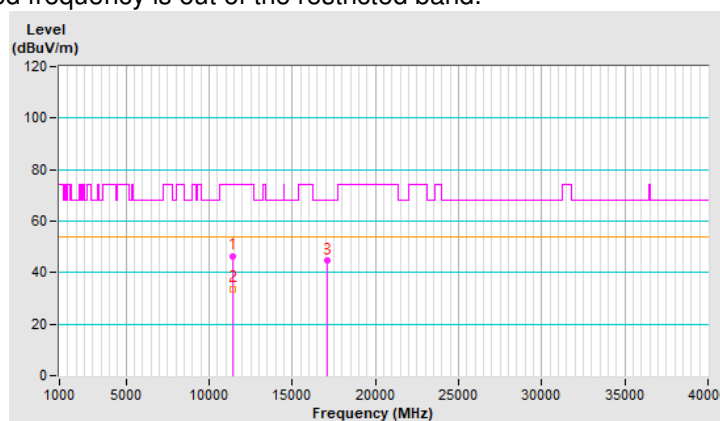


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	46.4 PK	74.0	-27.6	1.60 H	317	33.2	13.2
2	11400.00	33.8 AV	54.0	-20.2	1.60 H	317	20.6	13.2
3	#17100.00	44.5 PK	68.2	-23.7	1.48 H	193	27.3	17.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

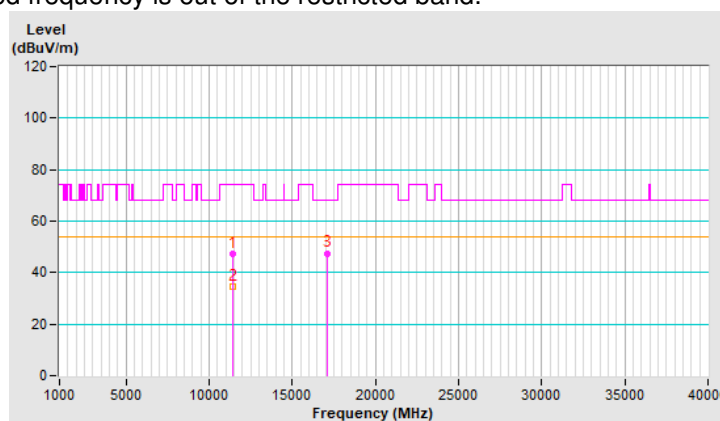


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	47.1 PK	74.0	-26.9	2.32 V	159	33.9	13.2
2	11400.00	34.4 AV	54.0	-19.6	2.32 V	159	21.2	13.2
3	#17100.00	47.4 PK	68.2	-20.8	1.52 V	185	30.2	17.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

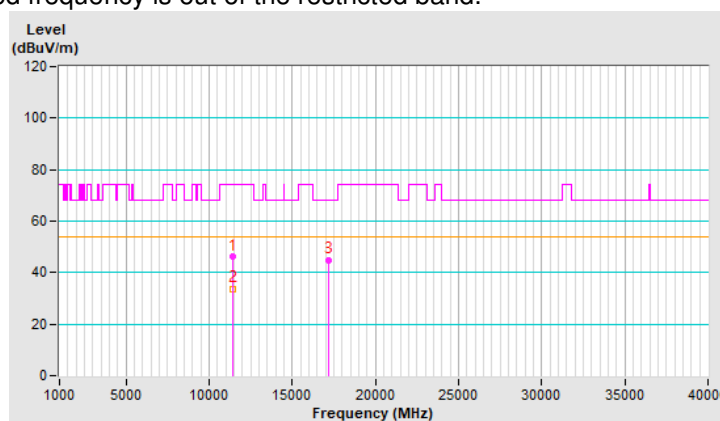


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	46.1 PK	74.0	-27.9	1.59 H	311	32.8	13.3
2	11440.00	33.4 AV	54.0	-20.6	1.59 H	311	20.1	13.3
3	#17160.00	44.8 PK	68.2	-23.4	1.47 H	185	27.4	17.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

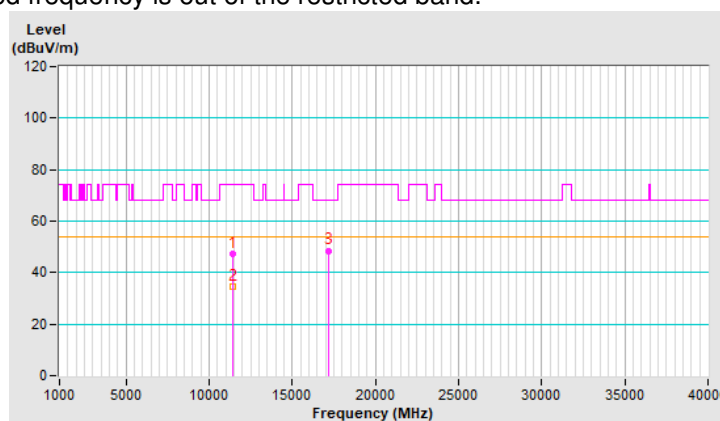


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	47.1 PK	74.0	-26.9	2.29 V	174	33.8	13.3
2	11440.00	34.4 AV	54.0	-19.6	2.29 V	174	21.1	13.3
3	#17160.00	48.2 PK	68.2	-20.0	1.57 V	182	30.8	17.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

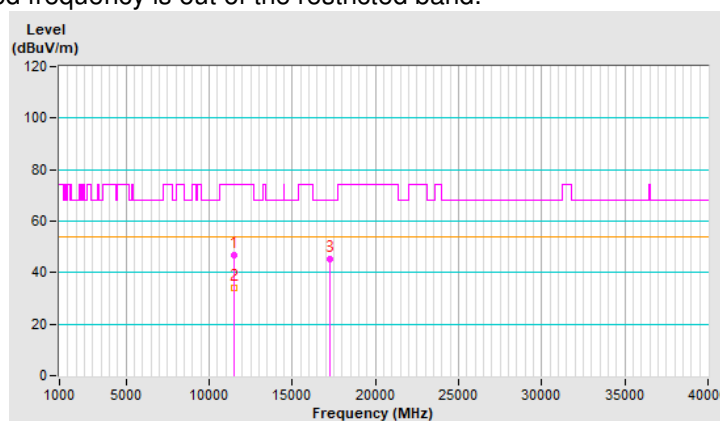


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11490.00	46.9 PK	74.0	-27.1	1.51 H	318	33.6	13.3
2	11490.00	34.0 AV	54.0	-20.0	1.51 H	318	20.7	13.3
3	#17235.00	45.2 PK	68.2	-23.0	1.41 H	205	27.6	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

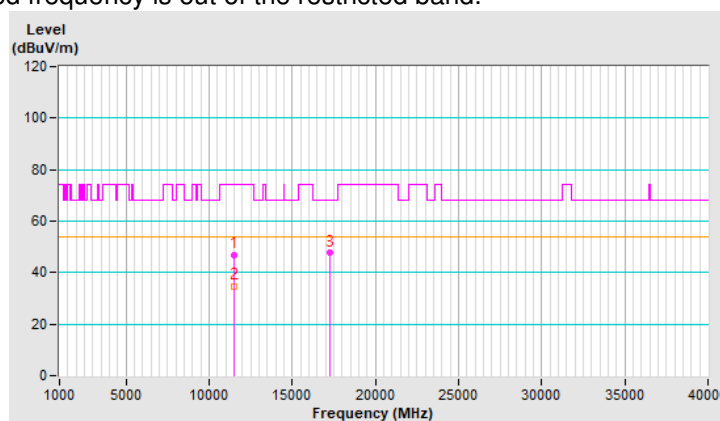


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11490.00	47.0 PK	74.0	-27.0	2.22 V	160	33.7	13.3
2	11490.00	34.5 AV	54.0	-19.5	2.22 V	160	21.2	13.3
3	#17235.00	47.6 PK	68.2	-20.6	1.60 V	198	30.0	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

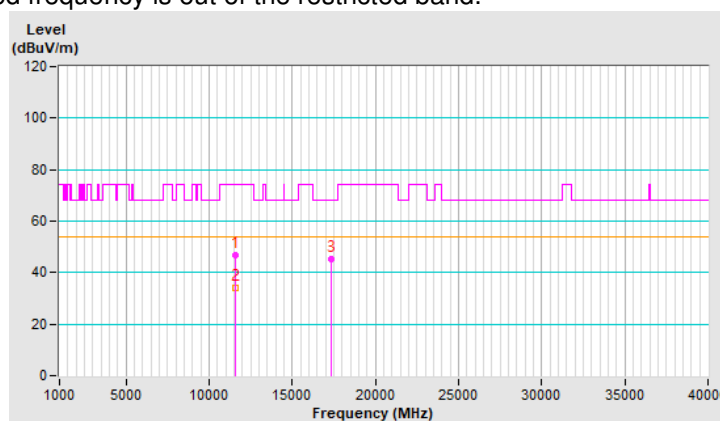


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11570.00	46.8 PK	74.0	-27.2	1.54 H	306	33.6	13.2
2	11570.00	34.2 AV	54.0	-19.8	1.54 H	306	21.0	13.2
3	#17355.00	45.5 PK	68.2	-22.7	1.38 H	191	27.9	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

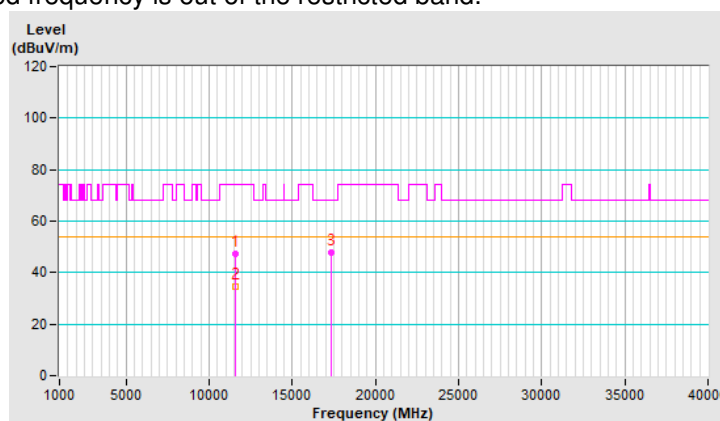


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11570.00	47.4 PK	74.0	-26.6	2.27 V	148	34.2	13.2
2	11570.00	34.6 AV	54.0	-19.4	2.27 V	148	21.4	13.2
3	#17355.00	47.9 PK	68.2	-20.3	1.60 V	172	30.3	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

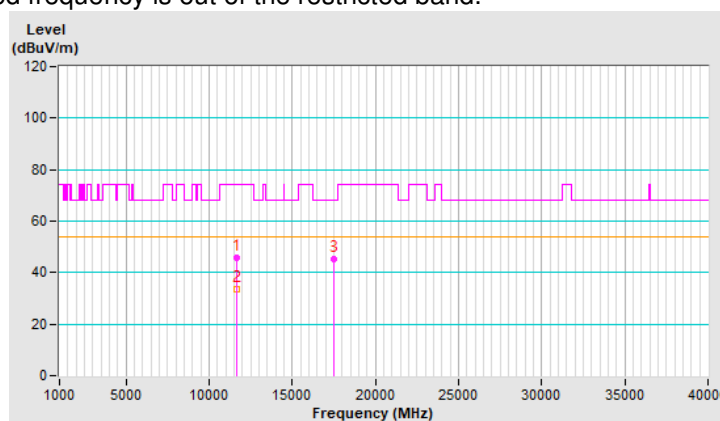


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11650.00	46.0 PK	74.0	-28.0	1.56 H	320	32.7	13.3
2	11650.00	33.7 AV	54.0	-20.3	1.56 H	320	20.4	13.3
3	#17475.00	45.2 PK	68.2	-23.0	1.42 H	193	27.3	17.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

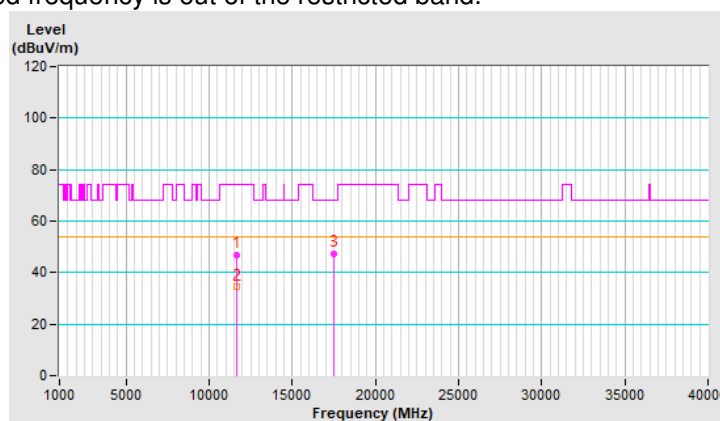


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11650.00	47.0 PK	74.0	-27.0	2.30 V	155	33.7	13.3
2	11650.00	34.4 AV	54.0	-19.6	2.30 V	155	21.1	13.3
3	#17475.00	47.5 PK	68.2	-20.7	1.61 V	188	29.6	17.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



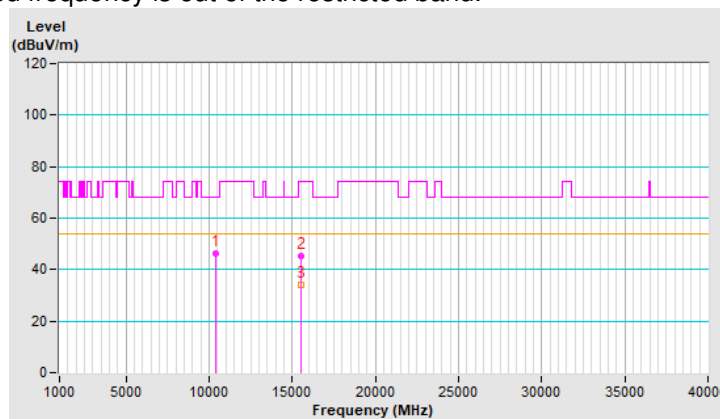
802.11ac (VHT20)

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	46.3 PK	68.2	-21.9	1.51 H	315	33.6	12.7
2	15540.00	45.1 PK	74.0	-28.9	1.42 H	205	31.9	13.2
3	15540.00	34.1 AV	54.0	-19.9	1.42 H	205	20.9	13.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

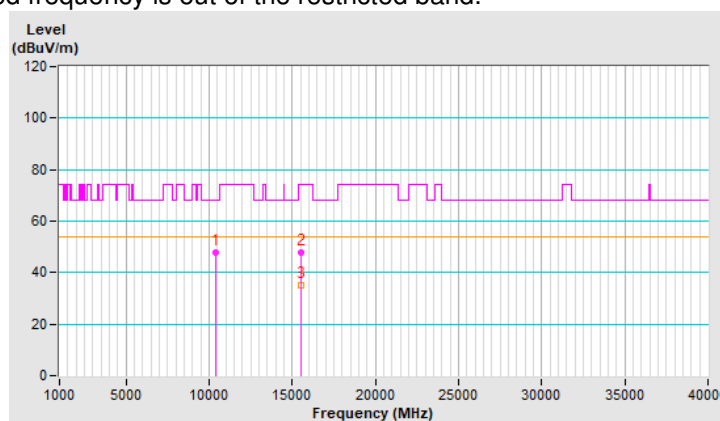


CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	47.7 PK	68.2	-20.5	2.23 V	156	35.0	12.7
2	15540.00	47.8 PK	74.0	-26.2	1.56 V	183	34.6	13.2
3	15540.00	35.1 AV	54.0	-18.9	1.56 V	183	21.9	13.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

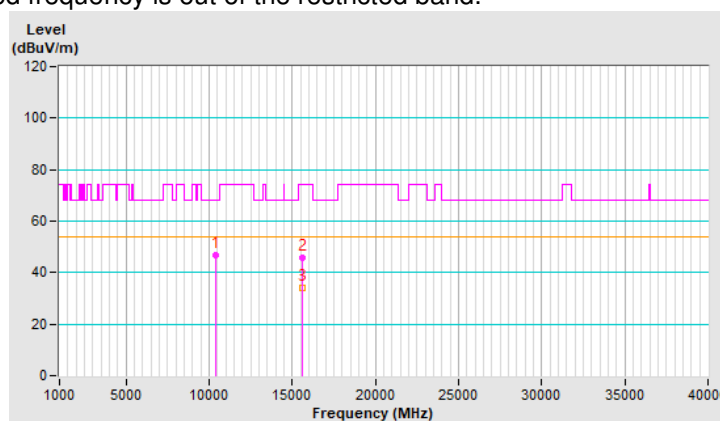


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	46.9 PK	68.2	-21.3	1.56 H	321	34.1	12.8
2	15600.00	45.6 PK	74.0	-28.4	1.44 H	212	32.1	13.5
3	15600.00	34.2 AV	54.0	-19.8	1.44 H	212	20.7	13.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

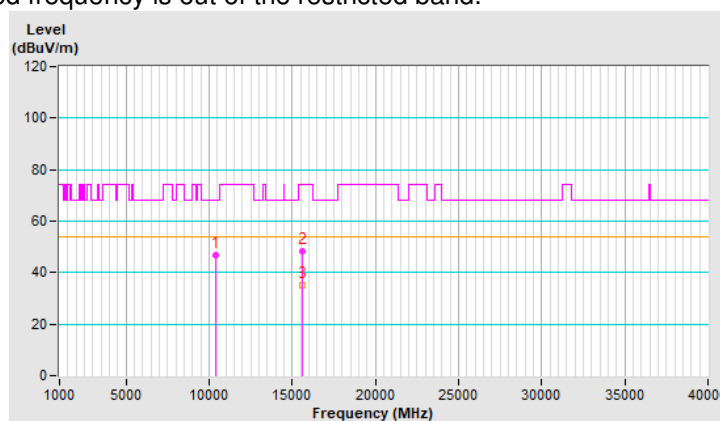


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	46.9 PK	68.2	-21.3	2.25 V	172	34.1	12.8
2	15600.00	48.2 PK	74.0	-25.8	1.56 V	182	34.7	13.5
3	15600.00	35.0 AV	54.0	-19.0	1.56 V	182	21.5	13.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

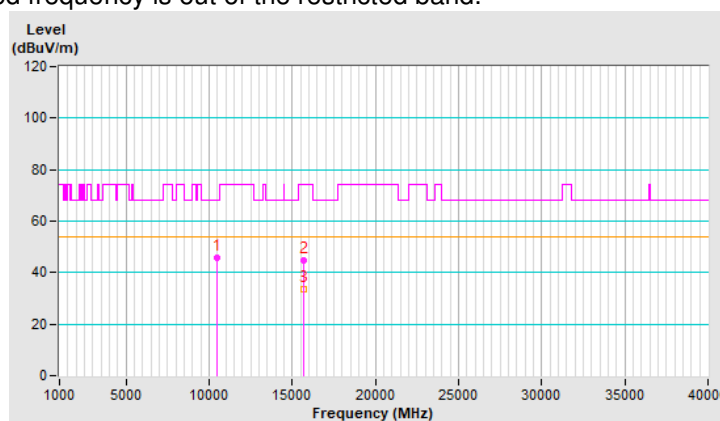


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	46.0 PK	68.2	-22.2	1.59 H	308	32.9	13.1
2	15720.00	44.8 PK	74.0	-29.2	1.41 H	199	31.0	13.8
3	15720.00	33.5 AV	54.0	-20.5	1.41 H	199	19.7	13.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

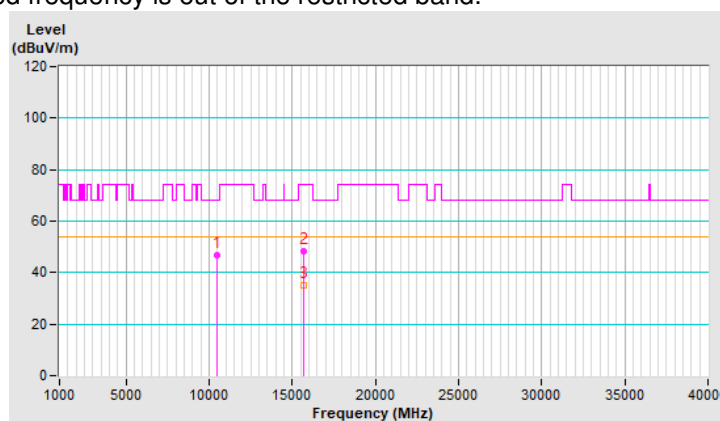


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	47.0 PK	68.2	-21.2	2.23 V	153	33.9	13.1
2	15720.00	48.4 PK	74.0	-25.6	1.61 V	178	34.6	13.8
3	15720.00	35.3 AV	54.0	-18.7	1.61 V	178	21.5	13.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

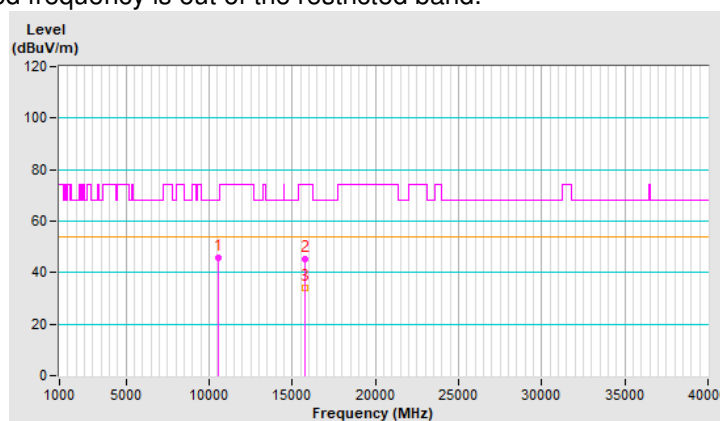


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	45.9 PK	68.2	-22.3	1.60 H	330	32.8	13.1
2	15780.00	45.2 PK	74.0	-28.8	1.43 H	182	31.7	13.5
3	15780.00	34.2 AV	54.0	-19.8	1.43 H	182	20.7	13.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

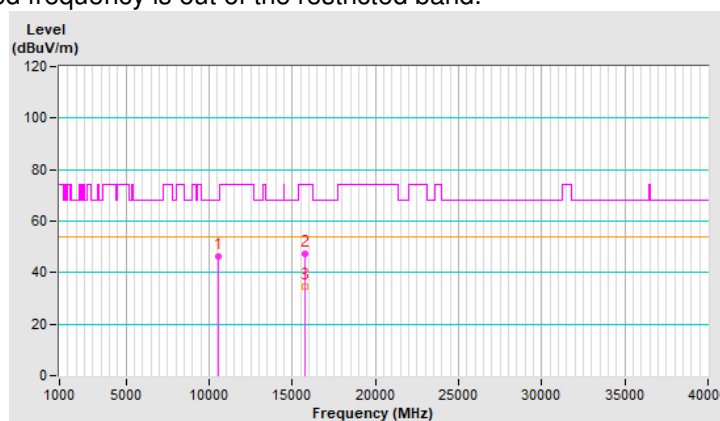


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	46.5 PK	68.2	-21.7	2.27 V	168	33.4	13.1
2	15780.00	47.5 PK	74.0	-26.5	1.63 V	174	34.0	13.5
3	15780.00	34.6 AV	54.0	-19.4	1.63 V	174	21.1	13.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

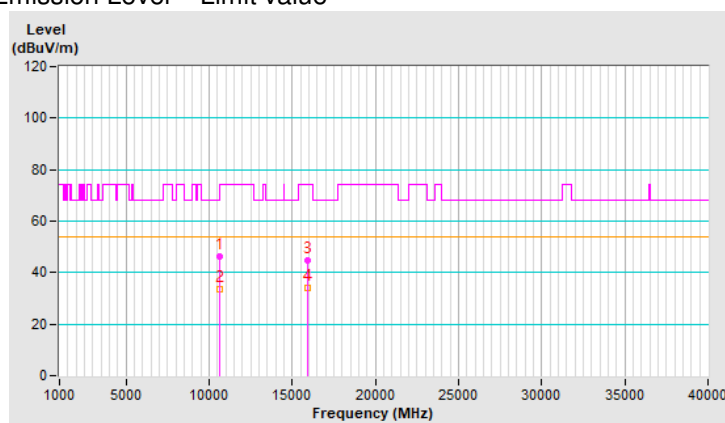


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	46.2 PK	74.0	-27.8	1.54 H	313	33.3	12.9
2	10600.00	33.7 AV	54.0	-20.3	1.54 H	313	20.8	12.9
3	15900.00	44.8 PK	74.0	-29.2	1.40 H	188	32.0	12.8
4	15900.00	33.9 AV	54.0	-20.1	1.40 H	188	21.1	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

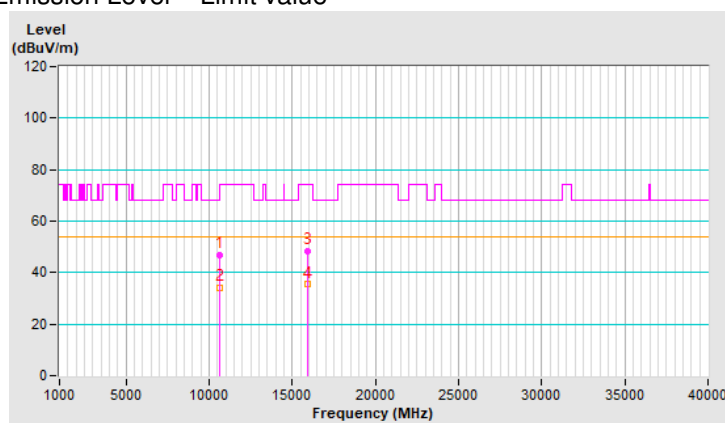


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	47.0 PK	74.0	-27.0	2.30 V	173	34.1	12.9
2	10600.00	34.2 AV	54.0	-19.8	2.30 V	173	21.3	12.9
3	15900.00	48.3 PK	74.0	-25.7	1.57 V	174	35.5	12.8
4	15900.00	35.4 AV	54.0	-18.6	1.57 V	174	22.6	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

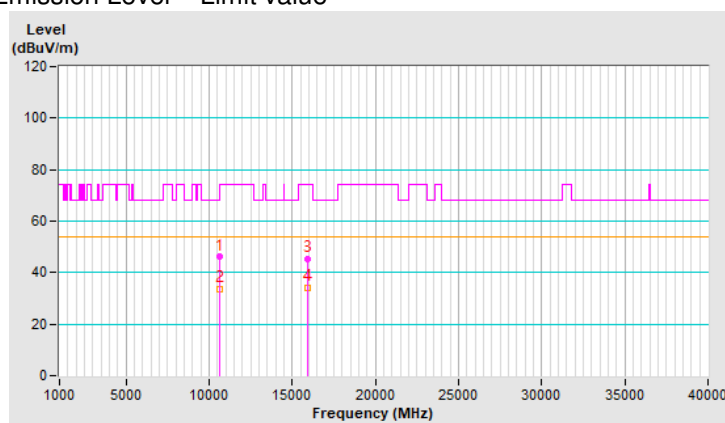


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	46.1 PK	74.0	-27.9	1.57 H	307	33.2	12.9
2	10640.00	33.4 AV	54.0	-20.6	1.57 H	307	20.5	12.9
3	15960.00	45.2 PK	74.0	-28.8	1.36 H	200	32.4	12.8
4	15960.00	34.1 AV	54.0	-19.9	1.36 H	200	21.3	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

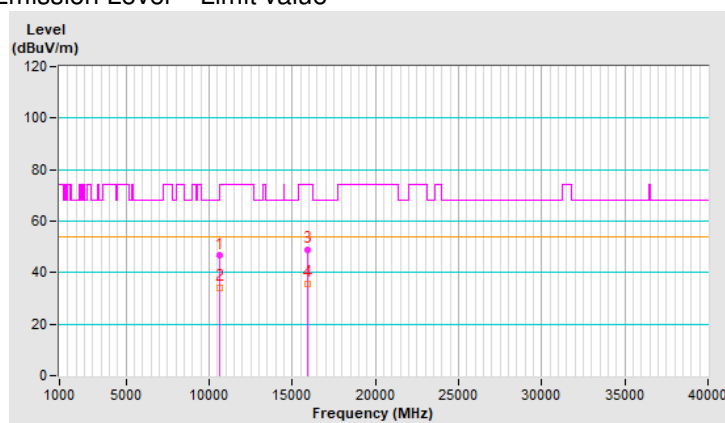


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	46.6 PK	74.0	-27.4	2.21 V	166	33.7	12.9
2	10640.00	34.1 AV	54.0	-19.9	2.21 V	166	21.2	12.9
3	15960.00	48.7 PK	74.0	-25.3	1.59 V	180	35.9	12.8
4	15960.00	35.5 AV	54.0	-18.5	1.59 V	180	22.7	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

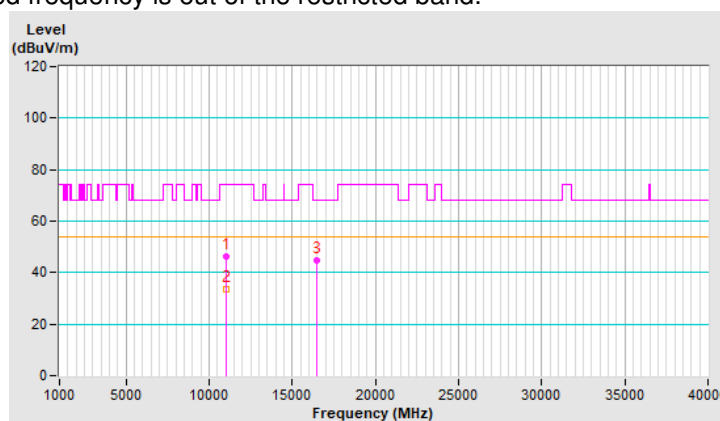


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	46.2 PK	74.0	-27.8	1.57 H	304	33.2	13.0
2	11000.00	33.8 AV	54.0	-20.2	1.57 H	304	20.8	13.0
3	#16500.00	44.6 PK	68.2	-23.6	1.36 H	199	30.0	14.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

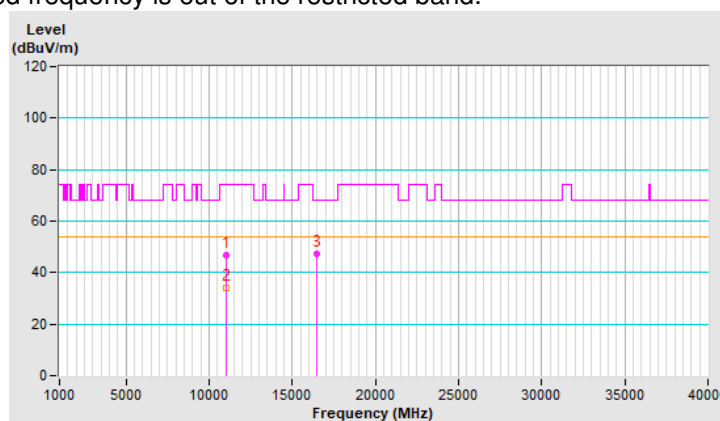


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	46.8 PK	74.0	-27.2	2.28 V	167	33.8	13.0
2	11000.00	33.9 AV	54.0	-20.1	2.28 V	167	20.9	13.0
3	#16500.00	47.5 PK	68.2	-20.7	1.61 V	186	32.9	14.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

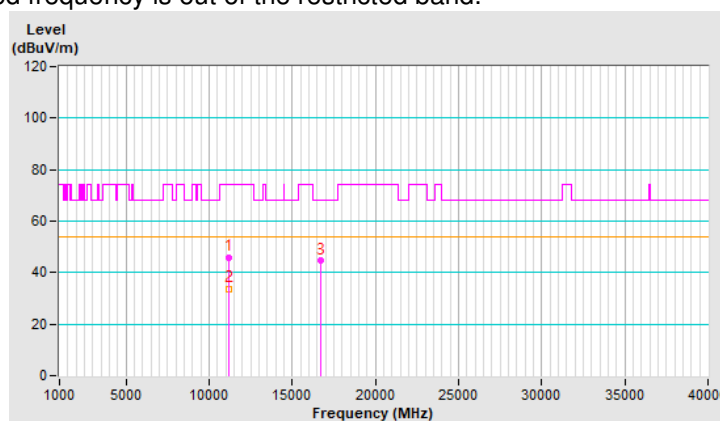


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	45.8 PK	74.0	-28.2	1.61 H	304	32.7	13.1
2	11160.00	33.4 AV	54.0	-20.6	1.61 H	304	20.3	13.1
3	#16740.00	44.5 PK	68.2	-23.7	1.36 H	182	28.3	16.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

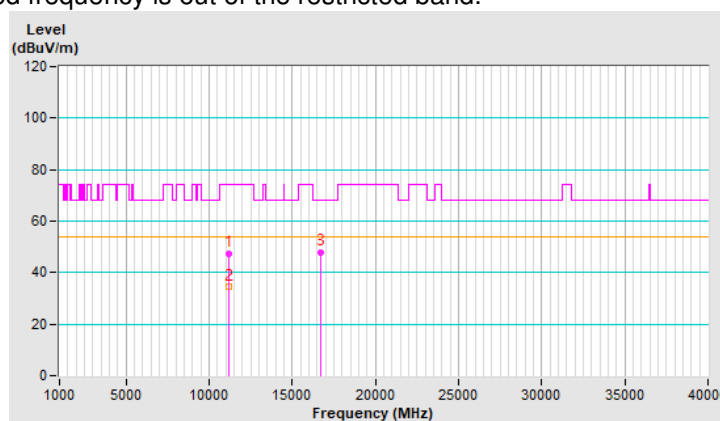


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	47.3 PK	74.0	-26.7	2.29 V	154	34.2	13.1
2	11160.00	34.4 AV	54.0	-19.6	2.29 V	154	21.3	13.1
3	#16740.00	47.7 PK	68.2	-20.5	1.60 V	167	31.5	16.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

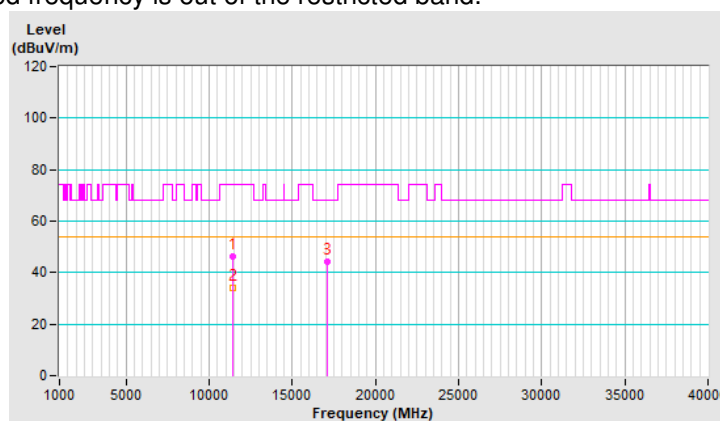


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	46.4 PK	74.0	-27.6	1.56 H	315	33.2	13.2
2	11400.00	34.0 AV	54.0	-20.0	1.56 H	315	20.8	13.2
3	#17100.00	44.2 PK	68.2	-24.0	1.47 H	207	27.0	17.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

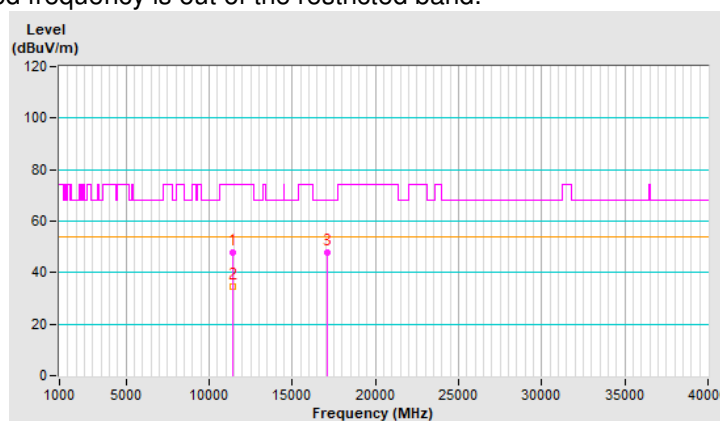


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	48.0 PK	74.0	-26.0	2.33 V	144	34.8	13.2
2	11400.00	34.8 AV	54.0	-19.2	2.33 V	144	21.6	13.2
3	#17100.00	47.9 PK	68.2	-20.3	1.59 V	162	30.7	17.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

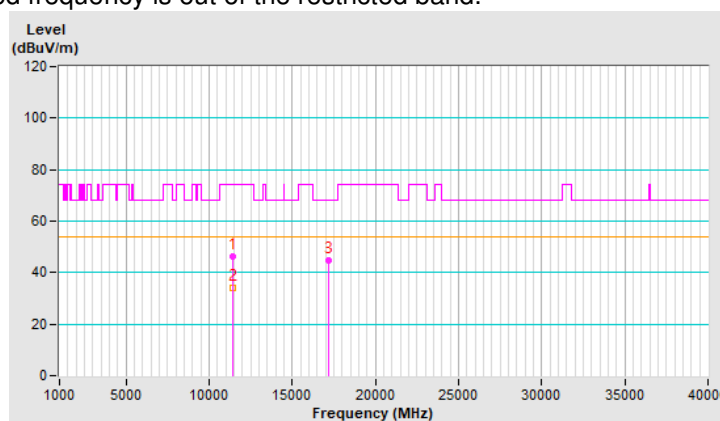


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	46.3 PK	74.0	-27.7	1.56 H	304	33.0	13.3
2	11440.00	33.9 AV	54.0	-20.1	1.56 H	304	20.6	13.3
3	#17160.00	44.9 PK	68.2	-23.3	1.39 H	211	27.5	17.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

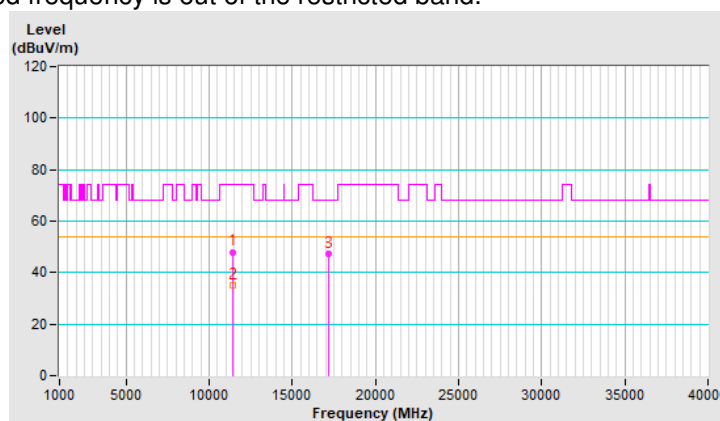


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	47.7 PK	74.0	-26.3	2.27 V	147	34.4	13.3
2	11440.00	34.9 AV	54.0	-19.1	2.27 V	147	21.6	13.3
3	#17160.00	47.1 PK	68.2	-21.1	1.62 V	168	29.7	17.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

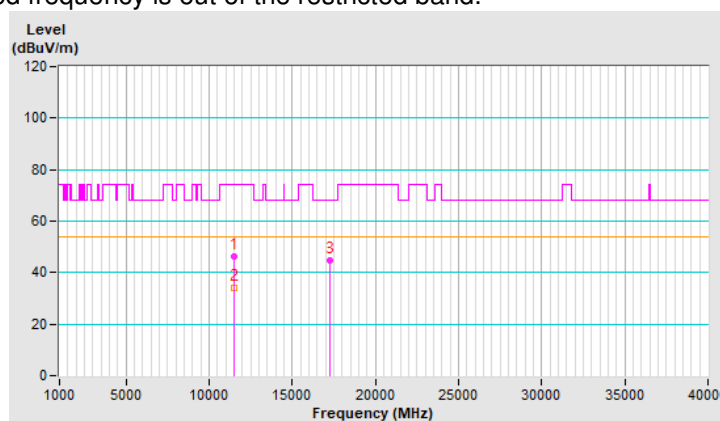


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11490.00	46.4 PK	74.0	-27.6	1.61 H	328	33.1	13.3
2	11490.00	34.1 AV	54.0	-19.9	1.61 H	328	20.8	13.3
3	#17235.00	44.6 PK	68.2	-23.6	1.40 H	187	27.0	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

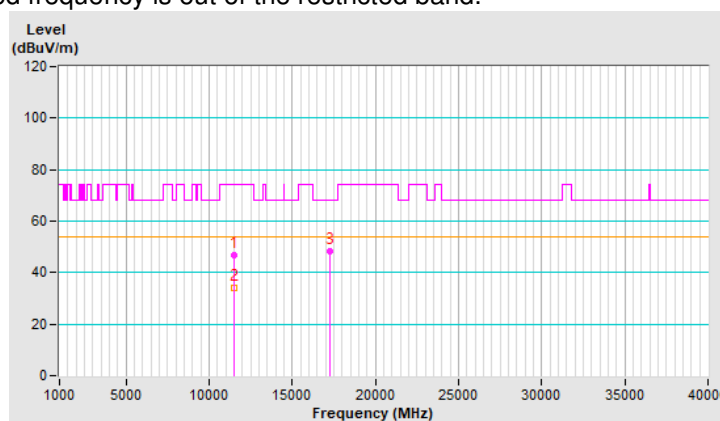


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11490.00	46.9 PK	74.0	-27.1	2.30 V	156	33.6	13.3
2	11490.00	34.2 AV	54.0	-19.8	2.30 V	156	20.9	13.3
3	#17235.00	48.2 PK	68.2	-20.0	1.56 V	172	30.6	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

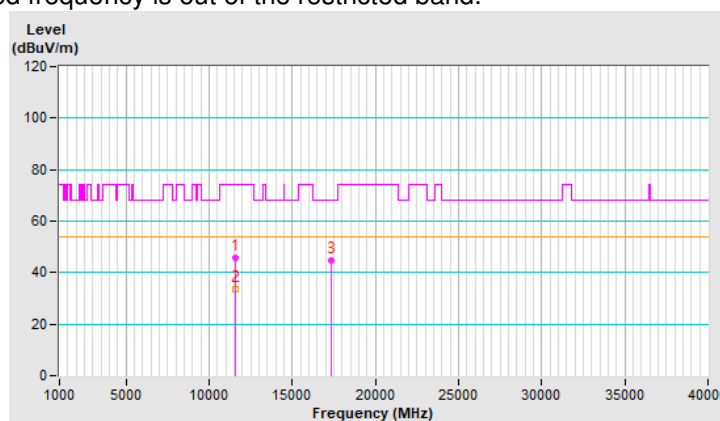


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11570.00	46.0 PK	74.0	-28.0	1.50 H	309	32.8	13.2
2	11570.00	33.6 AV	54.0	-20.4	1.50 H	309	20.4	13.2
3	#17355.00	44.9 PK	68.2	-23.3	1.37 H	201	27.3	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

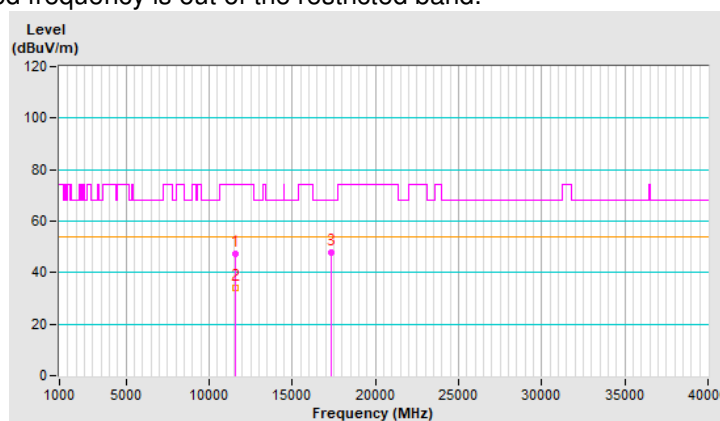


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11570.00	47.3 PK	74.0	-26.7	2.32 V	156	34.1	13.2
2	11570.00	34.2 AV	54.0	-19.8	2.32 V	156	21.0	13.2
3	#17355.00	47.9 PK	68.2	-20.3	1.56 V	177	30.3	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

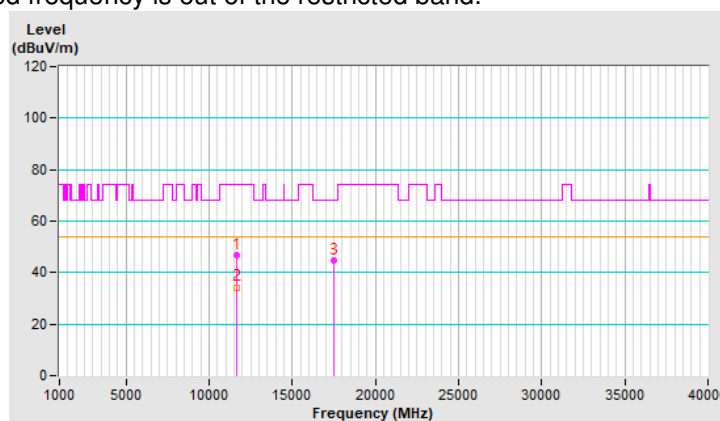


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11650.00	46.6 PK	74.0	-27.4	1.54 H	316	33.3	13.3
2	11650.00	33.9 AV	54.0	-20.1	1.54 H	316	20.6	13.3
3	#17475.00	44.5 PK	68.2	-23.7	1.45 H	186	26.6	17.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

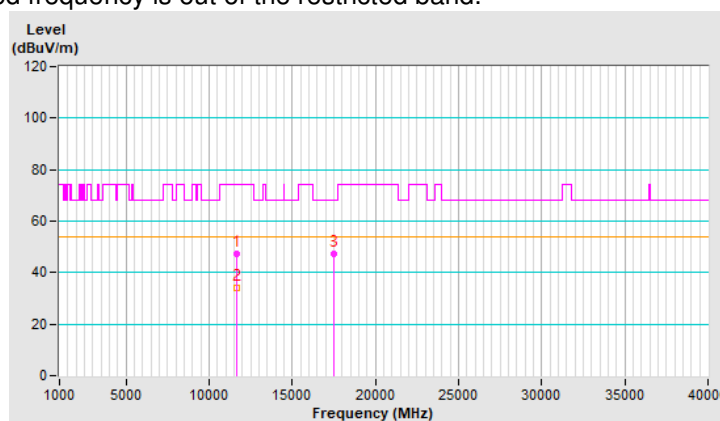


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11650.00	47.5 PK	74.0	-26.5	2.26 V	159	34.2	13.3
2	11650.00	34.3 AV	54.0	-19.7	2.26 V	159	21.0	13.3
3	#17475.00	47.3 PK	68.2	-20.9	1.58 V	165	29.4	17.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



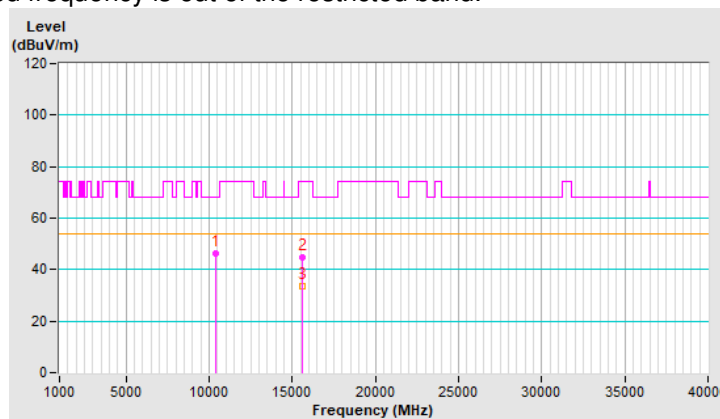
802.11ac (VHT40)

CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10380.00	46.4 PK	68.2	-21.8	1.58 H	318	33.7	12.7
2	15570.00	44.7 PK	74.0	-29.3	1.46 H	198	31.3	13.4
3	15570.00	33.7 AV	54.0	-20.3	1.46 H	198	20.3	13.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

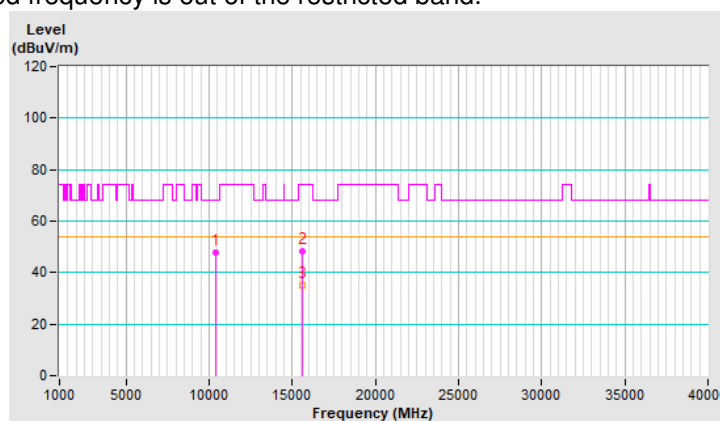


CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10380.00	47.8 PK	68.2	-20.4	2.28 V	139	35.1	12.7
2	15570.00	48.5 PK	74.0	-25.5	1.58 V	169	35.1	13.4
3	15570.00	35.2 AV	54.0	-18.8	1.58 V	169	21.8	13.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

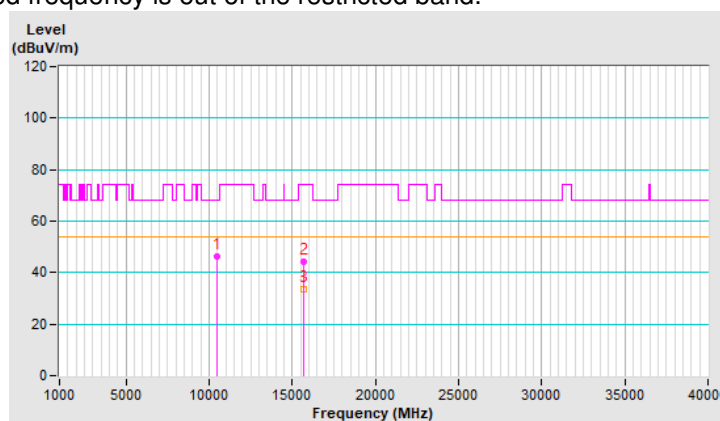


CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10460.00	46.5 PK	68.2	-21.7	1.54 H	326	33.5	13.0
2	15690.00	44.2 PK	74.0	-29.8	1.47 H	197	30.3	13.9
3	15690.00	33.4 AV	54.0	-20.6	1.47 H	197	19.5	13.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

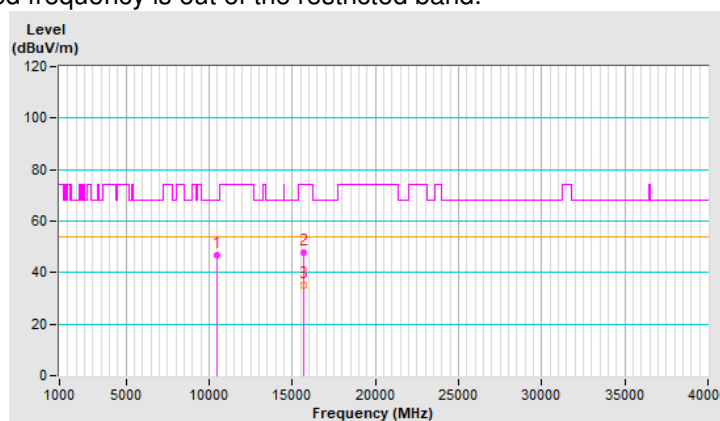


CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10460.00	46.9 PK	68.2	-21.3	2.30 V	142	33.9	13.0
2	15690.00	47.8 PK	74.0	-26.2	1.65 V	169	33.9	13.9
3	15690.00	35.1 AV	54.0	-18.9	1.65 V	169	21.2	13.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

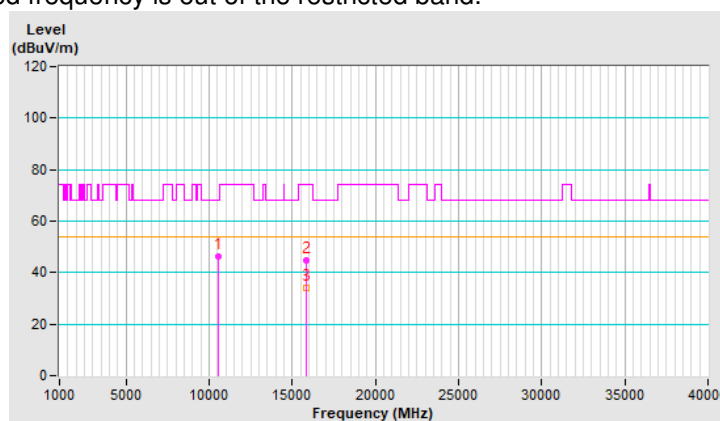


CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10540.00	46.5 PK	68.2	-21.7	1.54 H	310	33.5	13.0
2	15810.00	44.9 PK	74.0	-29.1	1.46 H	212	31.7	13.2
3	15810.00	34.0 AV	54.0	-20.0	1.46 H	212	20.8	13.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

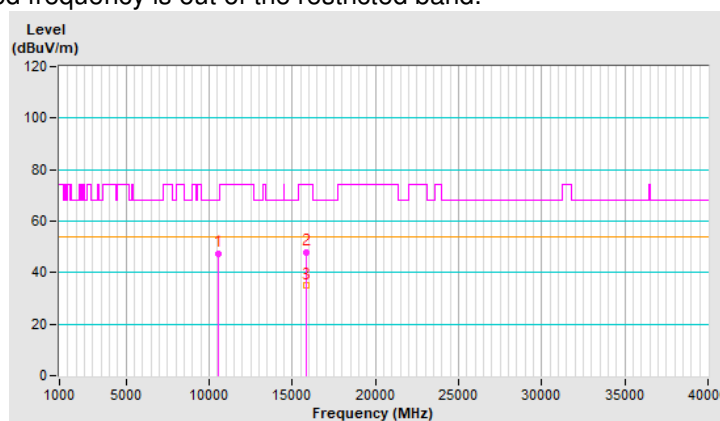


CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10540.00	47.3 PK	68.2	-20.9	2.32 V	162	34.3	13.0
2	15810.00	47.7 PK	74.0	-26.3	1.55 V	166	34.5	13.2
3	15810.00	34.9 AV	54.0	-19.1	1.55 V	166	21.7	13.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

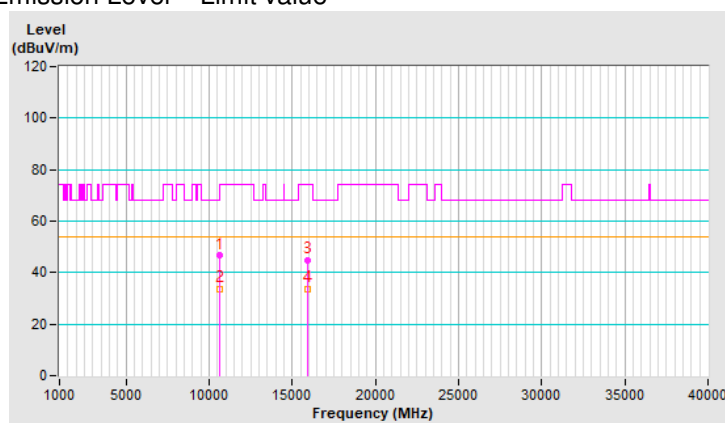


CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10620.00	46.6 PK	74.0	-27.4	1.59 H	317	33.7	12.9
2	10620.00	33.8 AV	54.0	-20.2	1.59 H	317	20.9	12.9
3	15930.00	44.6 PK	74.0	-29.4	1.40 H	210	31.8	12.8
4	15930.00	33.7 AV	54.0	-20.3	1.40 H	210	20.9	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

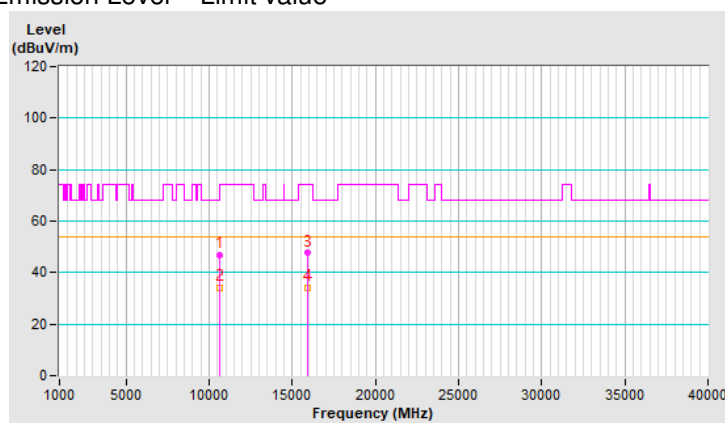


CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10620.00	47.0 PK	74.0	-27.0	2.26 V	155	34.1	12.9
2	10620.00	34.3 AV	54.0	-19.7	2.26 V	155	21.4	12.9
3	15930.00	47.6 PK	74.0	-26.4	1.62 V	167	34.8	12.8
4	15930.00	34.3 AV	54.0	-19.7	1.62 V	167	21.5	12.8

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

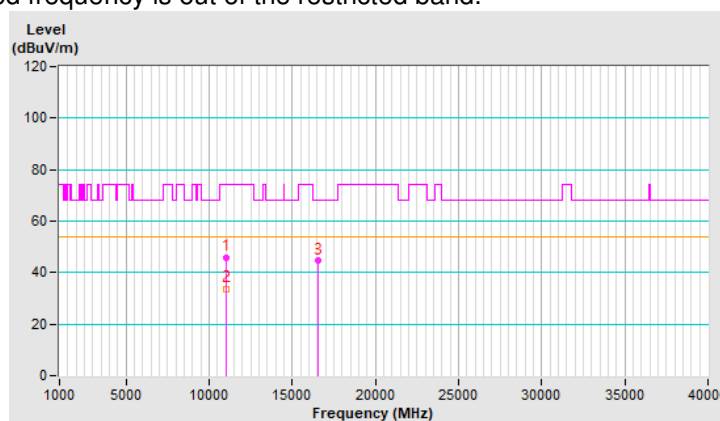


CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11020.00	45.7 PK	74.0	-28.3	1.52 H	330	32.7	13.0
2	11020.00	33.4 AV	54.0	-20.6	1.52 H	330	20.4	13.0
3	#16530.00	44.5 PK	68.2	-23.7	1.40 H	212	29.8	14.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

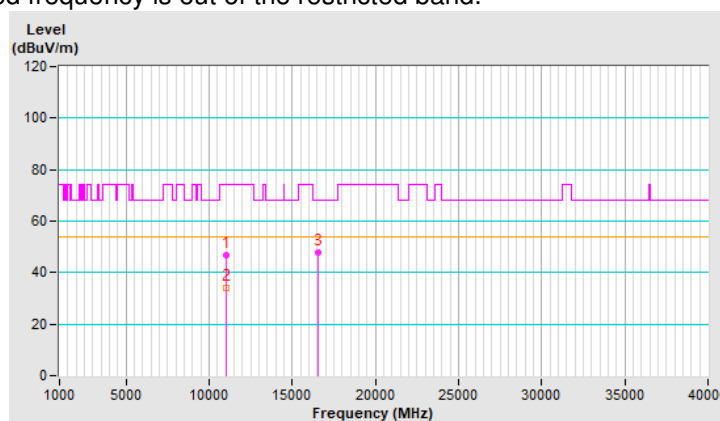


CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11020.00	46.9 PK	74.0	-27.1	2.23 V	140	33.9	13.0
2	11020.00	34.1 AV	54.0	-19.9	2.23 V	140	21.1	13.0
3	#16530.00	47.9 PK	68.2	-20.3	1.59 V	180	33.2	14.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

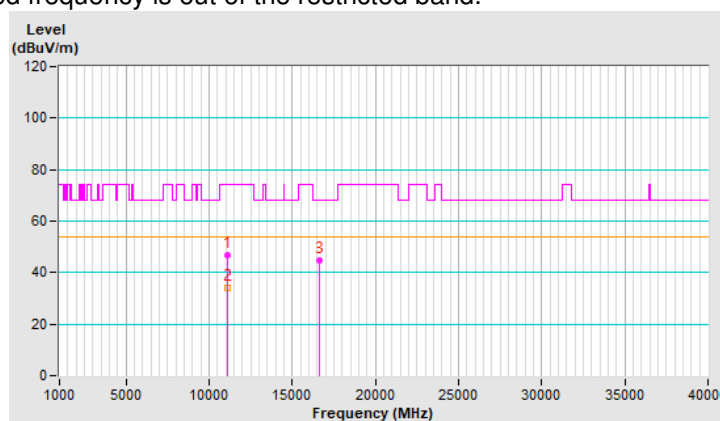


CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11100.00	47.0 PK	74.0	-27.0	1.59 H	326	34.0	13.0
2	11100.00	34.3 AV	54.0	-19.7	1.59 H	326	21.3	13.0
3	#16650.00	45.0 PK	68.2	-23.2	1.43 H	196	29.3	15.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

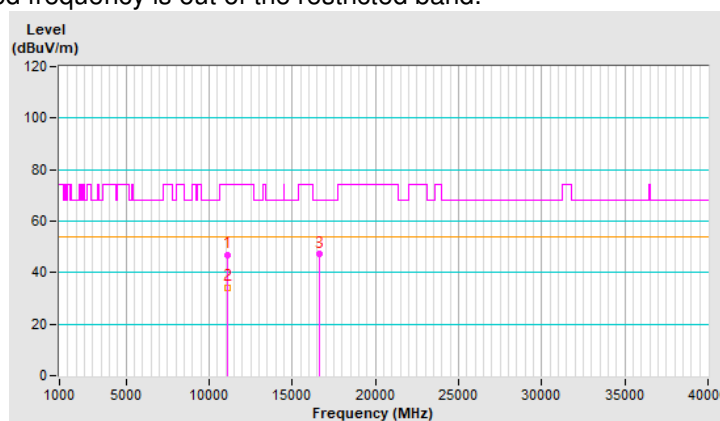


CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11100.00	47.0 PK	74.0	-27.0	2.24 V	167	34.0	13.0
2	11100.00	33.9 AV	54.0	-20.1	2.24 V	167	20.9	13.0
3	#16650.00	47.1 PK	68.2	-21.1	1.64 V	179	31.4	15.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

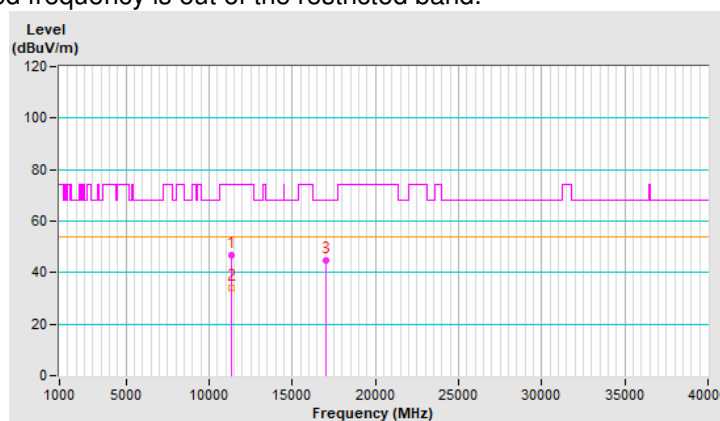


CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11340.00	46.7 PK	74.0	-27.3	1.50 H	313	33.5	13.2
2	11340.00	34.0 AV	54.0	-20.0	1.50 H	313	20.8	13.2
3	#17010.00	44.8 PK	68.2	-23.4	1.36 H	185	27.8	17.0

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

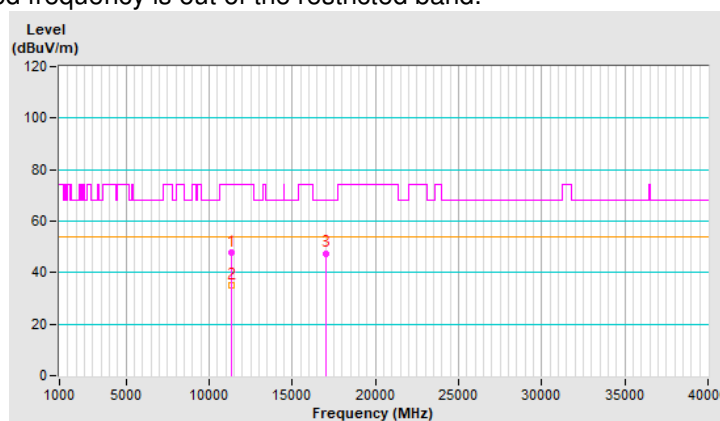


CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11340.00	47.6 PK	74.0	-26.4	2.28 V	145	34.4	13.2
2	11340.00	34.9 AV	54.0	-19.1	2.28 V	145	21.7	13.2
3	#17010.00	47.2 PK	68.2	-21.0	1.64 V	166	30.2	17.0

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

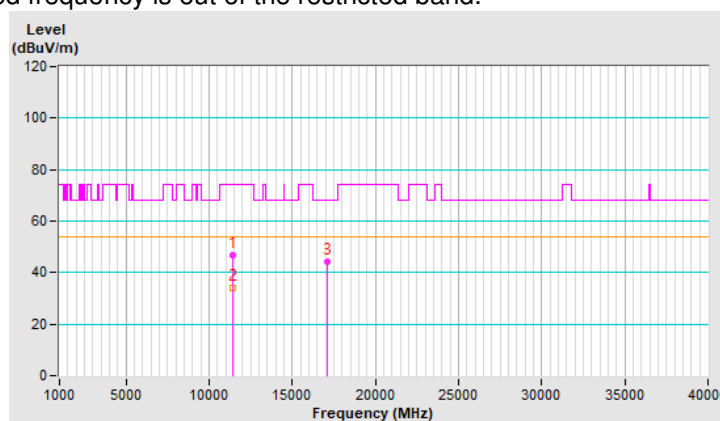


CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11420.00	46.8 PK	74.0	-27.2	1.49 H	308	33.6	13.2
2	11420.00	34.3 AV	54.0	-19.7	1.49 H	308	21.1	13.2
3	#17130.00	44.2 PK	68.2	-24.0	1.42 H	200	27.0	17.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

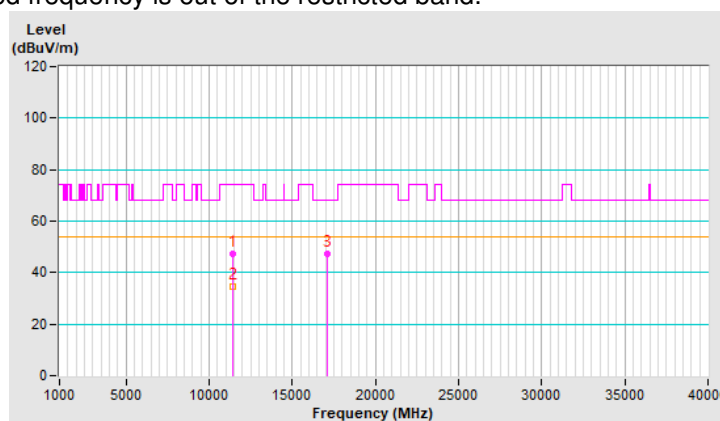


CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11420.00	47.3 PK	74.0	-26.7	2.24 V	138	34.1	13.2
2	11420.00	34.5 AV	54.0	-19.5	2.24 V	138	21.3	13.2
3	#17130.00	47.5 PK	68.2	-20.7	1.58 V	179	30.3	17.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

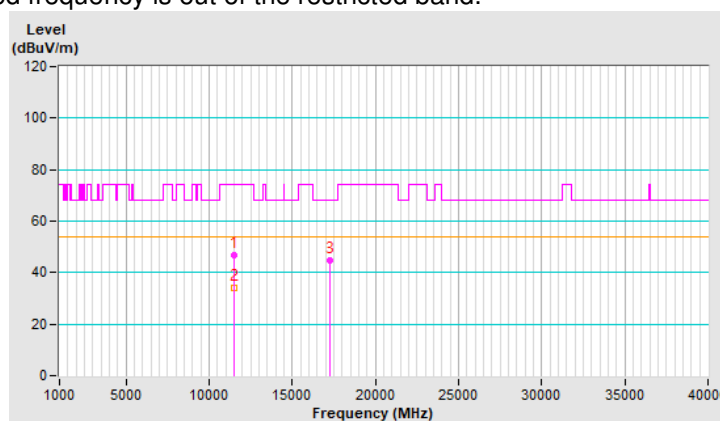


CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11510.00	46.7 PK	74.0	-27.3	1.60 H	323	33.4	13.3
2	11510.00	34.0 AV	54.0	-20.0	1.60 H	323	20.7	13.3
3	#17265.00	44.9 PK	68.2	-23.3	1.47 H	183	27.4	17.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

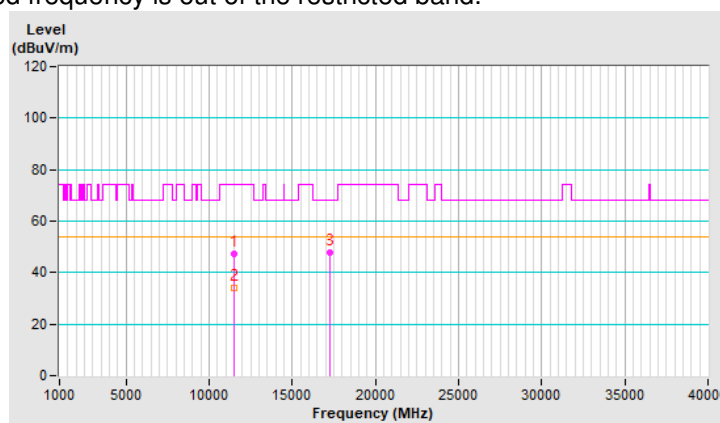


CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11510.00	47.2 PK	74.0	-26.8	2.23 V	160	33.9	13.3
2	11510.00	34.1 AV	54.0	-19.9	2.23 V	160	20.8	13.3
3	#17265.00	48.0 PK	68.2	-20.2	1.56 V	152	30.5	17.5

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

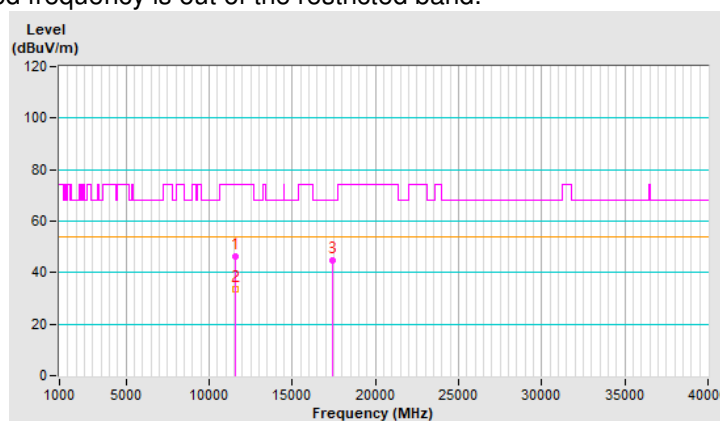


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11590.00	46.4 PK	74.0	-27.6	1.58 H	320	33.1	13.3
2	11590.00	33.6 AV	54.0	-20.4	1.58 H	320	20.3	13.3
3	#17385.00	44.9 PK	68.2	-23.3	1.42 H	205	27.2	17.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

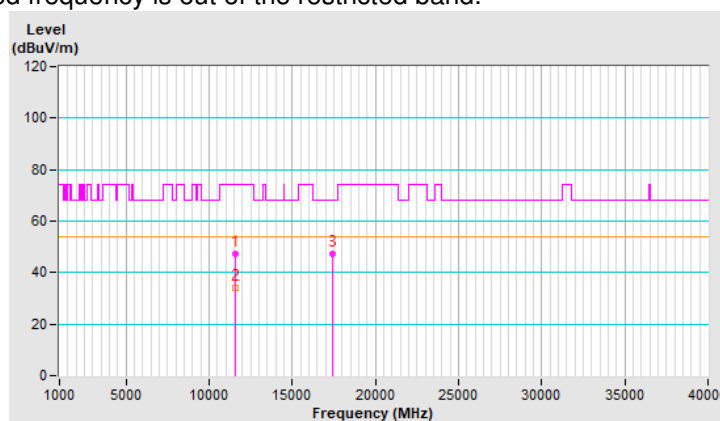


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11590.00	47.3 PK	74.0	-26.7	2.26 V	170	34.0	13.3
2	11590.00	34.3 AV	54.0	-19.7	2.26 V	170	21.0	13.3
3	#17385.00	47.5 PK	68.2	-20.7	1.55 V	159	29.8	17.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



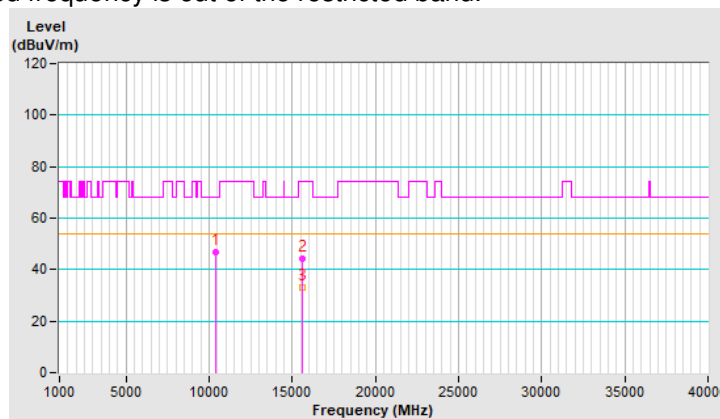
802.11ac (VHT80)

CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10420.00	46.8 PK	68.2	-21.4	1.59 H	321	34.0	12.8
2	15630.00	44.1 PK	74.0	-29.9	1.41 H	190	30.4	13.7
3	15630.00	33.3 AV	54.0	-20.7	1.41 H	190	19.6	13.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

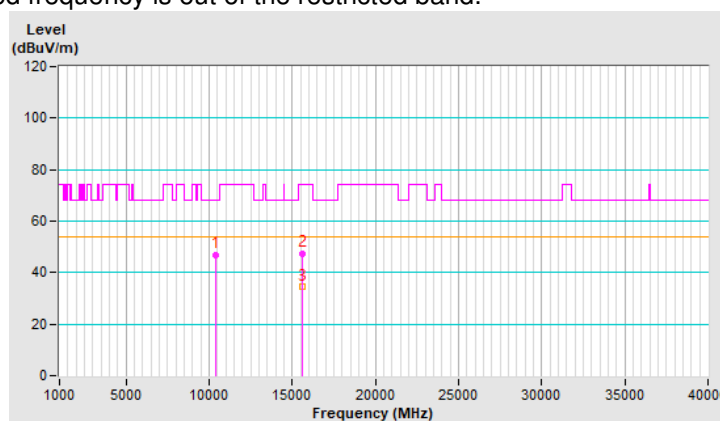


CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10420.00	47.0 PK	68.2	-21.2	2.29 V	154	34.2	12.8
2	15630.00	47.5 PK	74.0	-26.5	1.57 V	164	33.8	13.7
3	15630.00	34.4 AV	54.0	-19.6	1.57 V	164	20.7	13.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

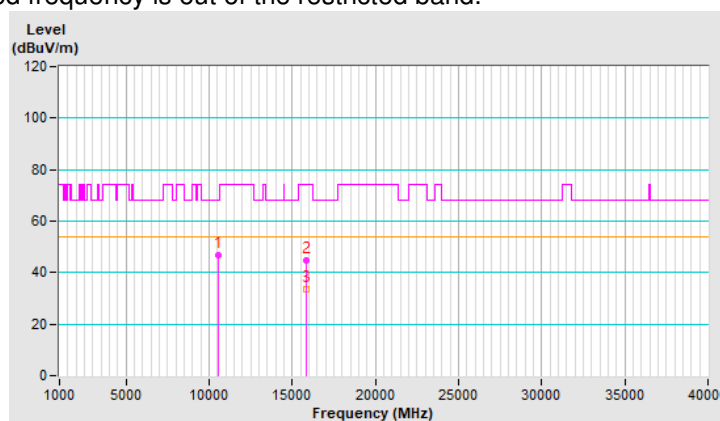


CHANNEL	TX Channel 58	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10580.00	46.7 PK	68.2	-21.5	1.56 H	315	33.8	12.9
2	15870.00	44.9 PK	74.0	-29.1	1.43 H	210	32.0	12.9
3	15870.00	33.6 AV	54.0	-20.4	1.43 H	210	20.7	12.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

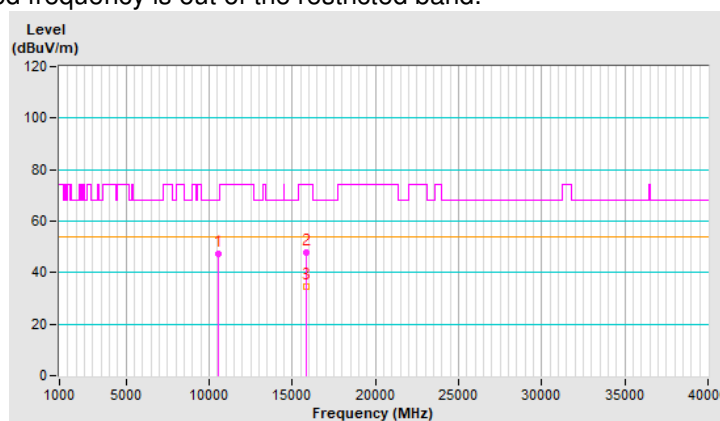


CHANNEL	TX Channel 58	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10580.00	47.4 PK	68.2	-20.8	2.30 V	158	34.5	12.9
2	15870.00	47.7 PK	74.0	-26.3	1.63 V	183	34.8	12.9
3	15870.00	34.7 AV	54.0	-19.3	1.63 V	183	21.8	12.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

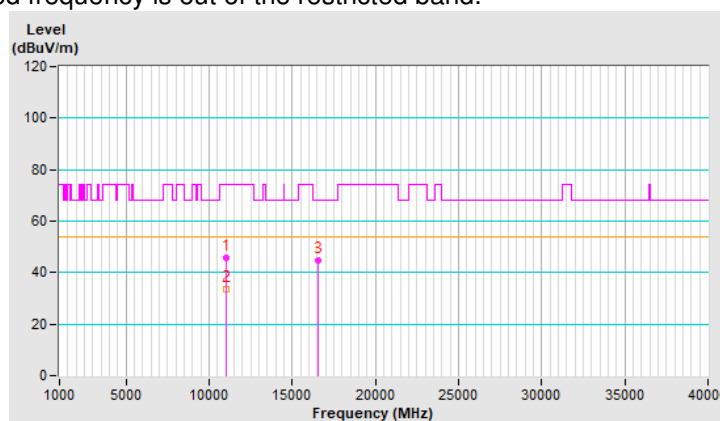


CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11060.00	46.0 PK	74.0	-28.0	1.57 H	320	33.1	12.9
2	11060.00	33.6 AV	54.0	-20.4	1.57 H	320	20.7	12.9
3	#16590.00	44.9 PK	68.2	-23.3	1.38 H	199	30.0	14.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

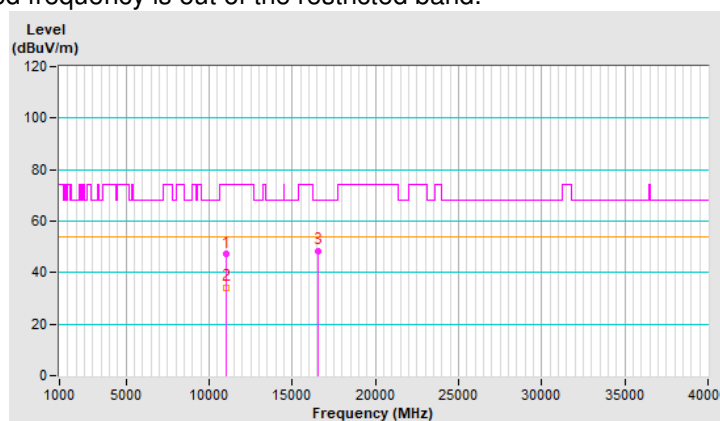


CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11060.00	47.1 PK	74.0	-26.9	2.32 V	148	34.2	12.9
2	11060.00	34.0 AV	54.0	-20.0	2.32 V	148	21.1	12.9
3	#16590.00	48.2 PK	68.2	-20.0	1.56 V	173	33.3	14.9

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

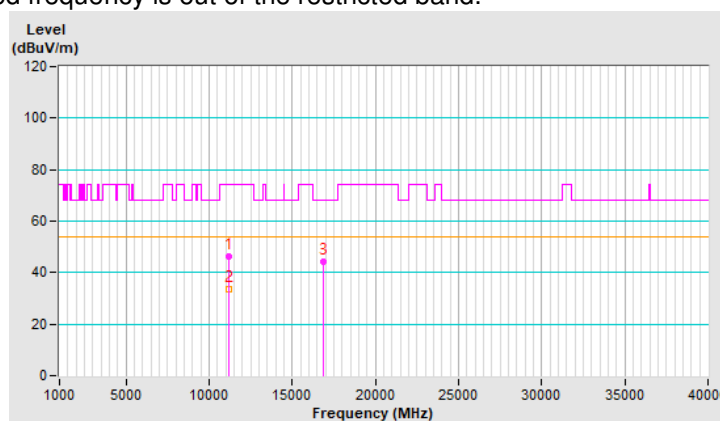


CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11220.00	46.4 PK	74.0	-27.6	1.50 H	320	33.2	13.2
2	11220.00	33.5 AV	54.0	-20.5	1.50 H	320	20.3	13.2
3	#16830.00	44.4 PK	68.2	-23.8	1.44 H	193	28.3	16.1

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

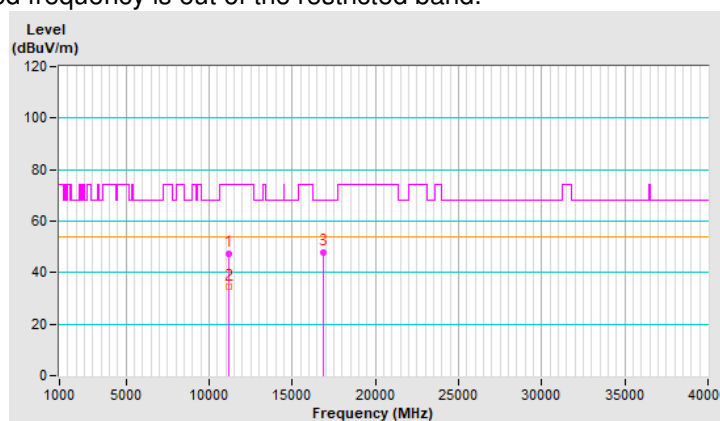


CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11220.00	47.2 PK	74.0	-26.8	2.30 V	144	34.0	13.2
2	11220.00	34.4 AV	54.0	-19.6	2.30 V	144	21.2	13.2
3	#16830.00	47.7 PK	68.2	-20.5	1.61 V	171	31.6	16.1

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

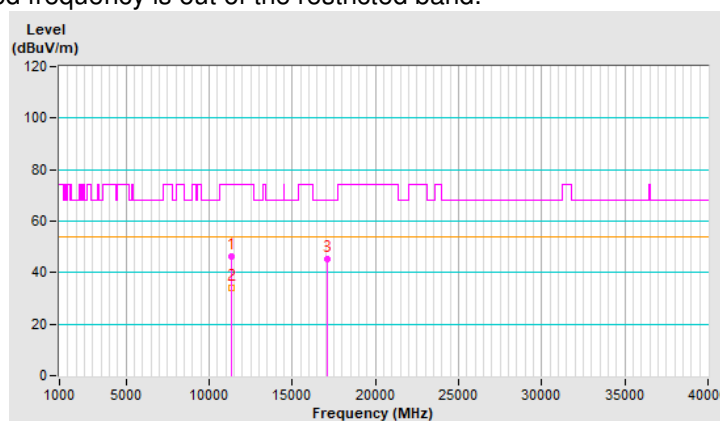


CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11380.00	46.5 PK	74.0	-27.5	1.51 H	326	33.3	13.2
2	11380.00	34.1 AV	54.0	-19.9	1.51 H	326	20.9	13.2
3	#17070.00	45.2 PK	68.2	-23.0	1.45 H	193	28.2	17.0

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

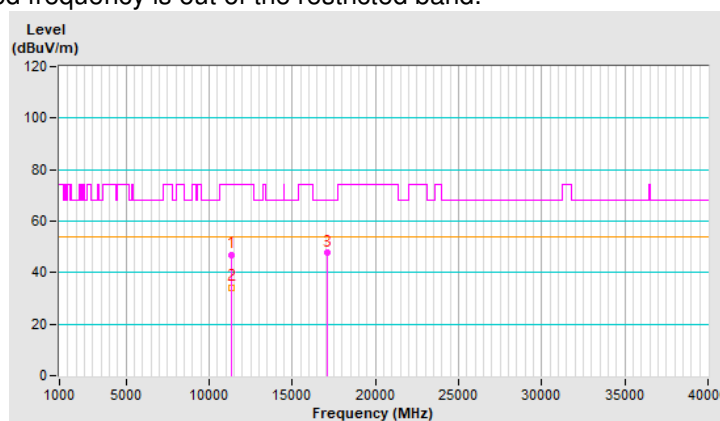


CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11380.00	46.9 PK	74.0	-27.1	2.25 V	140	33.7	13.2
2	11380.00	34.3 AV	54.0	-19.7	2.25 V	140	21.1	13.2
3	#17070.00	47.6 PK	68.2	-20.6	1.62 V	180	30.6	17.0

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

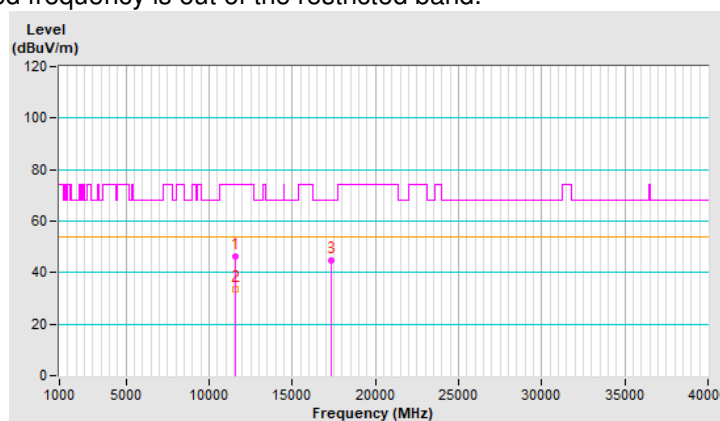


CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11550.00	46.2 PK	74.0	-27.8	1.51 H	325	33.0	13.2
2	11550.00	33.7 AV	54.0	-20.3	1.51 H	325	20.5	13.2
3	#17325.00	44.8 PK	68.2	-23.4	1.41 H	191	27.2	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

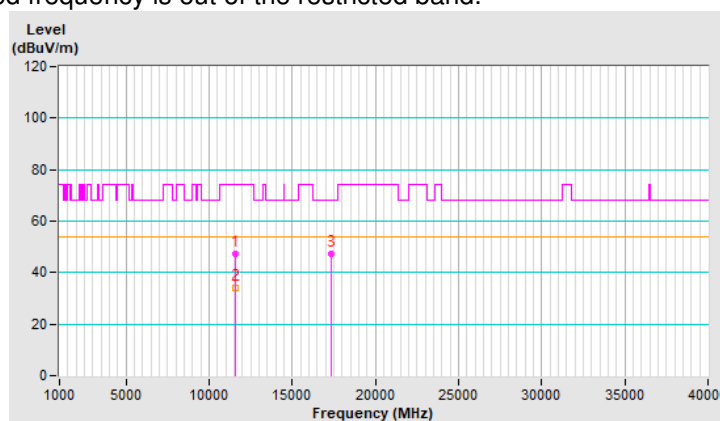


CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11550.00	47.3 PK	74.0	-26.7	2.34 V	151	34.1	13.2
2	11550.00	34.3 AV	54.0	-19.7	2.34 V	151	21.1	13.2
3	#17325.00	47.5 PK	68.2	-20.7	1.65 V	164	29.9	17.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



Below 1GHz Data:

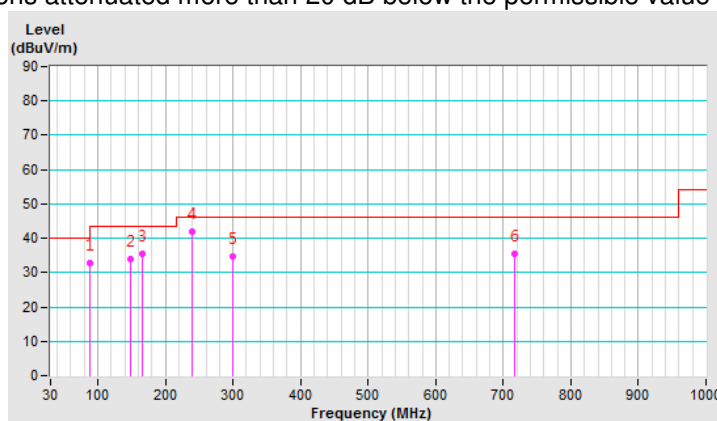
802.11a

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	87.25	32.8 QP	40.0	-7.2	4.00 H	294	46.2	-13.4
2	147.64	33.9 QP	43.5	-9.6	2.00 H	306	41.0	-7.1
3	166.31	35.3 QP	43.5	-8.2	1.50 H	344	42.8	-7.5
4	239.64	42.0 QP	46.0	-4.0	1.00 H	327	50.6	-8.6
5	299.34	34.8 QP	46.0	-11.2	1.00 H	237	41.2	-6.4
6	717.08	35.3 QP	46.0	-10.7	1.00 H	194	32.6	2.7

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

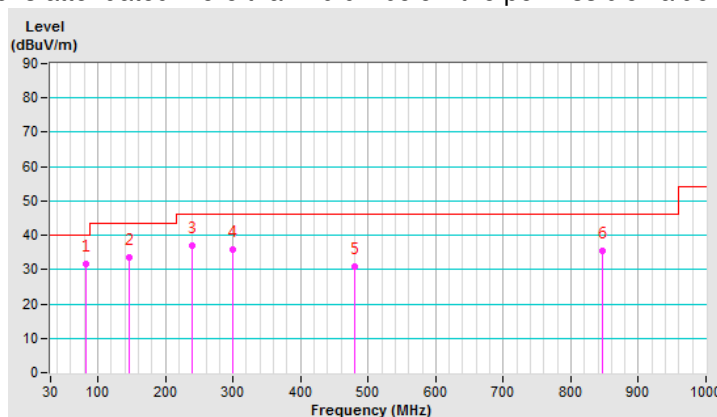


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	81.82	31.5 QP	40.0	-8.5	1.50 V	0	44.5	-13.0
2	145.62	33.5 QP	43.5	-10.0	1.00 V	311	40.6	-7.1
3	238.91	37.1 QP	46.0	-8.9	1.00 V	358	45.7	-8.6
4	299.32	35.7 QP	46.0	-10.3	2.00 V	294	42.1	-6.4
5	480.01	30.9 QP	46.0	-15.1	1.00 V	178	32.9	-2.0
6	847.01	35.5 QP	46.0	-10.5	1.50 V	157	30.4	5.1

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

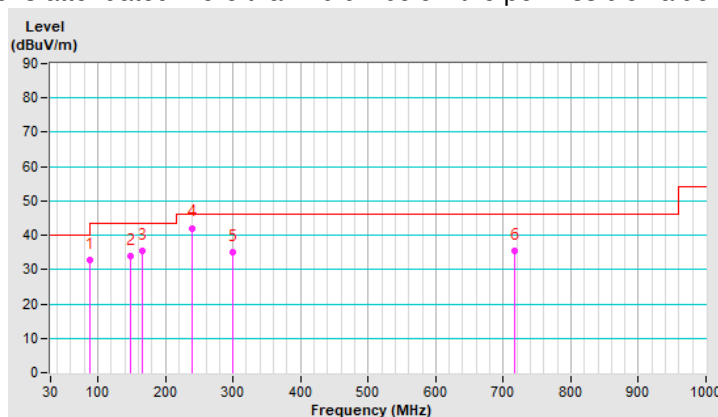


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	87.38	32.9 QP	40.0	-7.1	4.00 H	309	46.3	-13.4
2	147.76	34.0 QP	43.5	-9.5	2.00 H	322	41.1	-7.1
3	166.40	35.4 QP	43.5	-8.1	1.50 H	359	42.9	-7.5
4	239.76	42.1 QP	46.0	-3.9	1.00 H	343	50.7	-8.6
5	299.46	34.9 QP	46.0	-11.1	1.00 H	250	41.3	-6.4
6	717.20	35.4 QP	46.0	-10.6	1.00 H	207	32.8	2.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

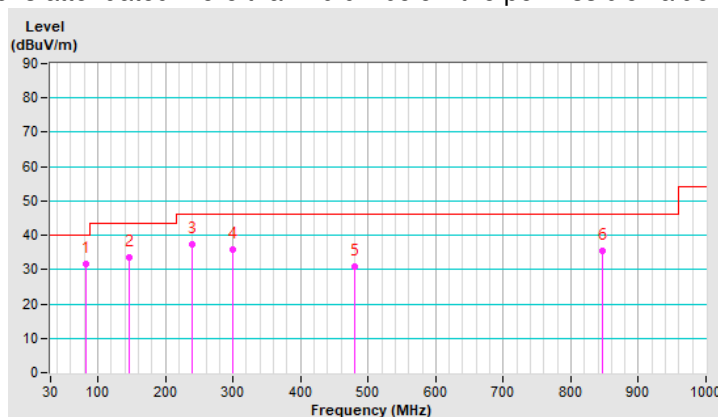


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	81.94	31.6 QP	40.0	-8.4	1.50 V	5	44.7	-13.1
2	145.73	33.7 QP	43.5	-9.8	1.00 V	327	40.8	-7.1
3	239.04	37.2 QP	46.0	-8.8	1.00 V	342	45.8	-8.6
4	299.41	35.8 QP	46.0	-10.2	2.00 V	284	42.2	-6.4
5	480.12	31.0 QP	46.0	-15.0	1.00 V	191	33.0	-2.0
6	847.09	35.6 QP	46.0	-10.4	1.50 V	172	30.5	5.1

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

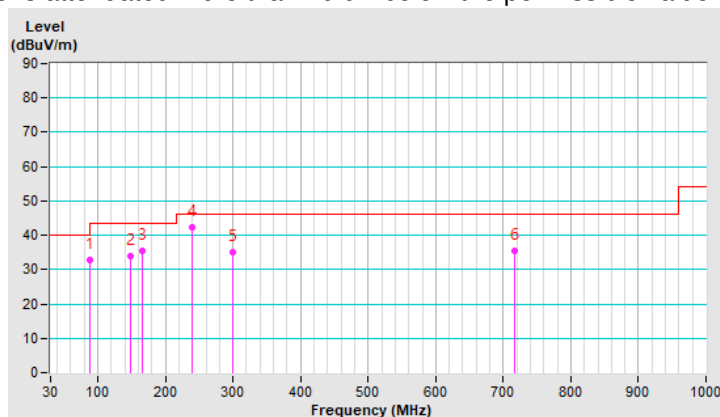


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	87.37	32.9 QP	40.0	-7.1	4.00 H	309	46.3	-13.4
2	147.75	34.0 QP	43.5	-9.5	2.00 H	315	41.1	-7.1
3	166.40	35.4 QP	43.5	-8.1	1.50 H	355	42.9	-7.5
4	239.76	42.4 QP	46.0	-3.6	1.00 H	342	51.0	-8.6
5	299.47	34.9 QP	46.0	-11.1	1.00 H	255	41.3	-6.4
6	717.24	35.4 QP	46.0	-10.6	1.00 H	210	32.8	2.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

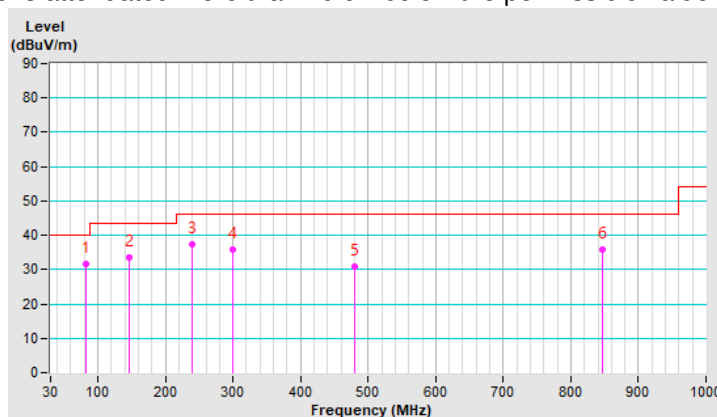


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	81.95	31.7 QP	40.0	-8.3	1.50 V	360	44.8	-13.1
2	145.80	33.6 QP	43.5	-9.9	1.00 V	323	40.7	-7.1
3	239.05	37.3 QP	46.0	-8.7	1.00 V	332	45.9	-8.6
4	299.47	35.9 QP	46.0	-10.1	2.00 V	308	42.3	-6.4
5	480.14	31.0 QP	46.0	-15.0	1.00 V	194	33.0	-2.0
6	847.17	35.7 QP	46.0	-10.3	1.50 V	173	30.6	5.1

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

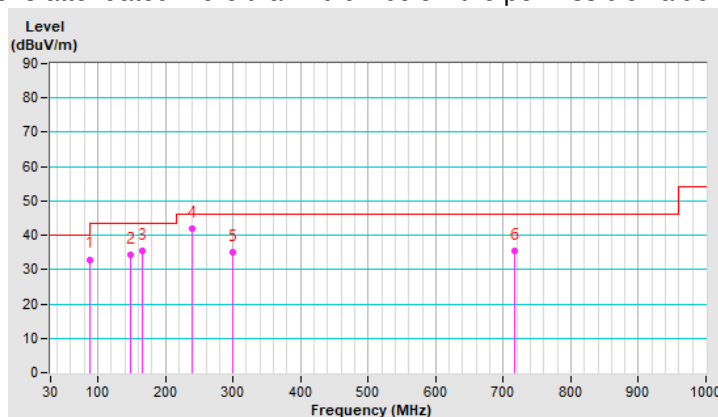


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	87.40	33.0 QP	40.0	-7.0	4.00 H	272	46.4	-13.4
2	147.76	34.2 QP	43.5	-9.3	2.00 H	324	41.3	-7.1
3	166.48	35.5 QP	43.5	-8.0	1.50 H	360	43.0	-7.5
4	239.79	41.8 QP	46.0	-4.2	1.00 H	340	50.4	-8.6
5	299.46	34.9 QP	46.0	-11.1	1.00 H	254	41.3	-6.4
6	717.22	35.4 QP	46.0	-10.6	1.00 H	209	32.8	2.6

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

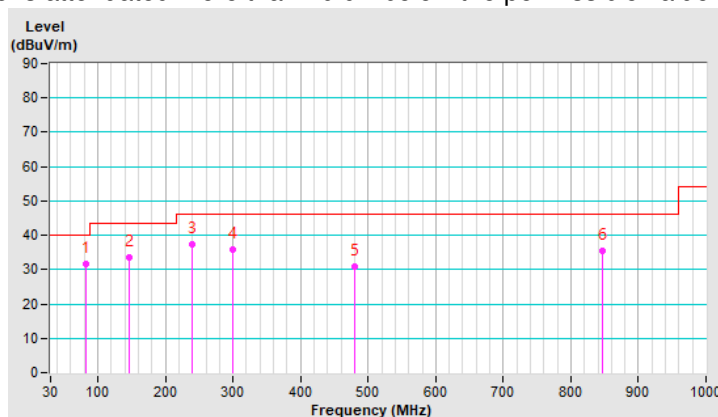


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	81.96	31.7 QP	40.0	-8.3	1.50 V	5	44.8	-13.1
2	145.74	33.7 QP	43.5	-9.8	1.00 V	325	40.8	-7.1
3	239.04	37.2 QP	46.0	-8.8	1.00 V	360	45.8	-8.6
4	299.47	35.8 QP	46.0	-10.2	2.00 V	310	42.2	-6.4
5	480.15	31.0 QP	46.0	-15.0	1.00 V	194	33.0	-2.0
6	847.15	35.6 QP	46.0	-10.4	1.50 V	145	30.5	5.1

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



4.1.8 Test Results (Conducted Measurement)

Radiated versus Conducted Measurement	
☒ Conducted measurement	☐ Radiated measurement
<u>For Radiated measurement:</u> The level of unwanted emissions was measured when radiated by the cabinet or structure of the equipment with the antenna connector(s) terminated by a specified load (cabinet radiation) <u>For Conducted measurement:</u> The level of unwanted emissions was measured as their power in a specified load (conducted spurious emissions). Note: In order to obtain results more easily, change max hold to view as following. It has no effect on the result.	

Conducted Measurement Factor
a. The composite gain will be used i. For Mode 1: Chain 0 U-NII-1: Composite gain = $6.3 + 10 \log(2) = 9.31$ dBi U-NII-2A: Composite gain = $6.3 + 10 \log(2) = 9.31$ dBi U-NII-2C: Composite gain = $6.3 + 10 \log(2) = 9.31$ dBi U-NII-3: Composite gain = $6.3 + 10 \log(2) = 9.31$ dBi Chain 1 U-NII-1: Composite gain = $7.22 + 10 \log(2) = 10.23$ dBi U-NII-2A: Composite gain = $7.22 + 10 \log(2) = 10.23$ dBi U-NII-2C: Composite gain = $7.22 + 10 \log(2) = 10.23$ dBi U-NII-3: Composite gain = $7.22 + 10 \log(2) = 10.23$ dBi ii. For Mode 2: U-NII-1: Composite gain = 6.3 dBi U-NII-2A: Composite gain = 6.3 dBi U-NII-2C: Composite gain = 6.3 dBi U-NII-3: Composite gain = 6.3 dBi b. For the out of band spurious the gain for the specific band may have been used rather than the highest gain across all bands. c. For the band edge the gain for the specific band may have been used. d. In restricted bands below 1000 MHz, add upper bound on ground plane reflection: For $f = 30 - 1000$ MHz, add 4.7 dB. Note: The conducted emission test was considered some factor to compute test result.

4.1.8.1 Test Results (Mode 1)

Above 1GHz Data

802.11ac (VHT20) - Channel 36

Chain 0

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5181.25 PK	60.99	*		-43.58	9.31	-34.27
2	5043.75 PK	52.4	74	-21.6	-52.17	9.31	-42.86
3	11621.87 PK	51.48	74	-22.52	-53.09	9.31	-43.78
4	19878.18 PK	46.26	74	-27.74	-58.31	9.31	-49
5	39848.12 PK	40.48	74	-33.52	-64.09	9.31	-54.78
6	5181.25 AV	51.41	*		-53.16	9.31	-43.85
7	4700 AV	39.15	54	-14.85	-65.42	9.31	-56.11
8	8287.5 AV	36.55	54	-17.45	-68.02	9.31	-58.71
9	19873.87 AV	33.13	54	-20.87	-71.44	9.31	-62.13
10	39495.62 AV	28.3	54	-25.7	-76.27	9.31	-66.96

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

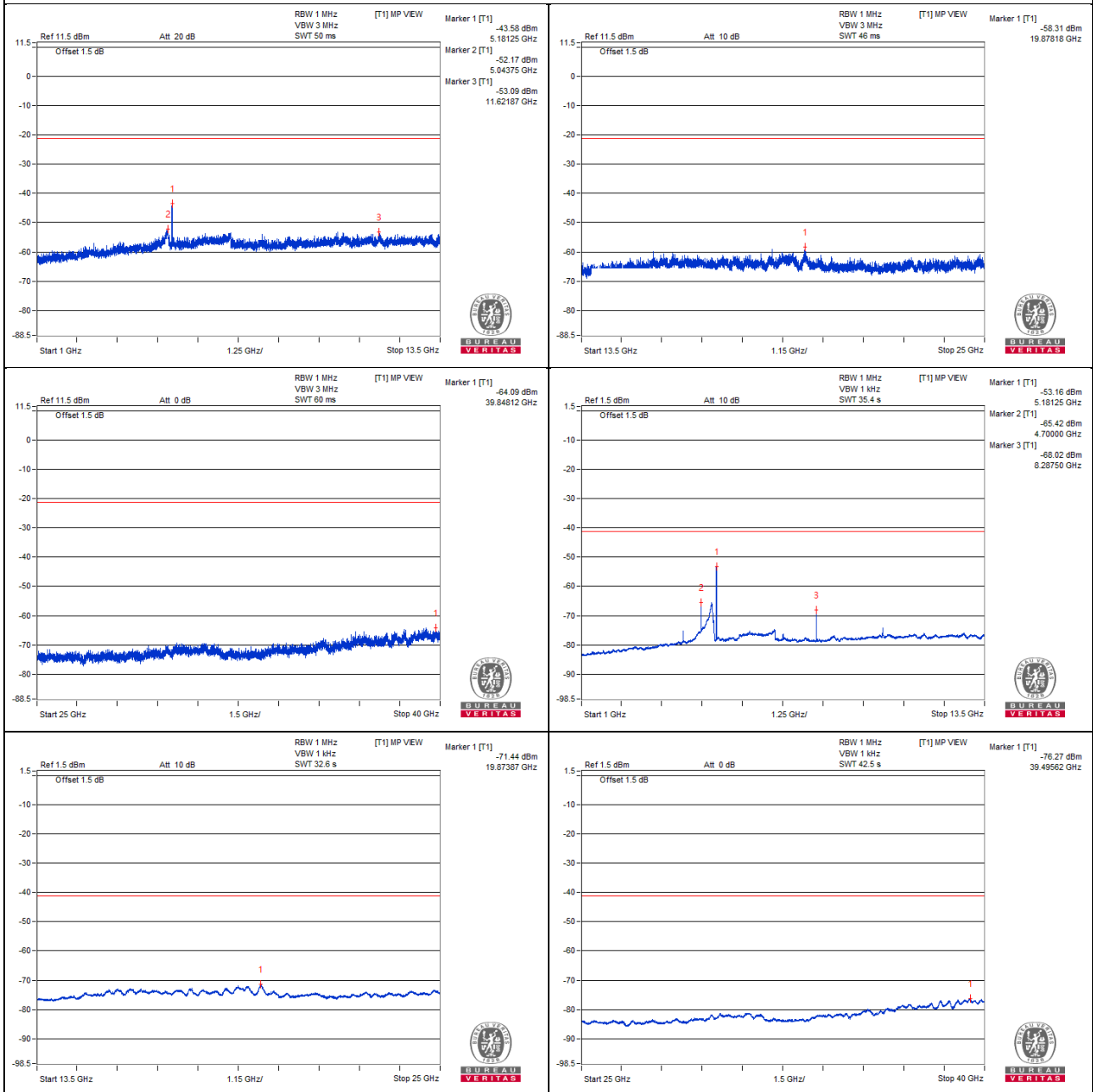
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5181.25 PK	65.13	*		-40.36	10.23	-30.13
2	5028.12 PK	54.89	74	-19.11	-50.6	10.23	-40.37
3	6979.68 PK	52.45	68.2	-15.75	-53.04	10.23	-42.81
4	15539.81 PK	52.76	74	-21.24	-52.73	10.23	-42.5
5	39497.5 PK	41.6	74	-32.4	-63.89	10.23	-53.66
6	5181.25 AV	54.63	*		-50.86	10.23	-40.63
7	5015.62 AV	42.71	54	-11.29	-62.78	10.23	-52.55
8	6212.5 AV	30.84	#		-74.65	10.23	-64.42
9	15538.37 AV	39.85	54	-14.15	-65.64	10.23	-55.41
10	39476.87 AV	29.38	54	-24.62	-76.11	10.23	-65.88

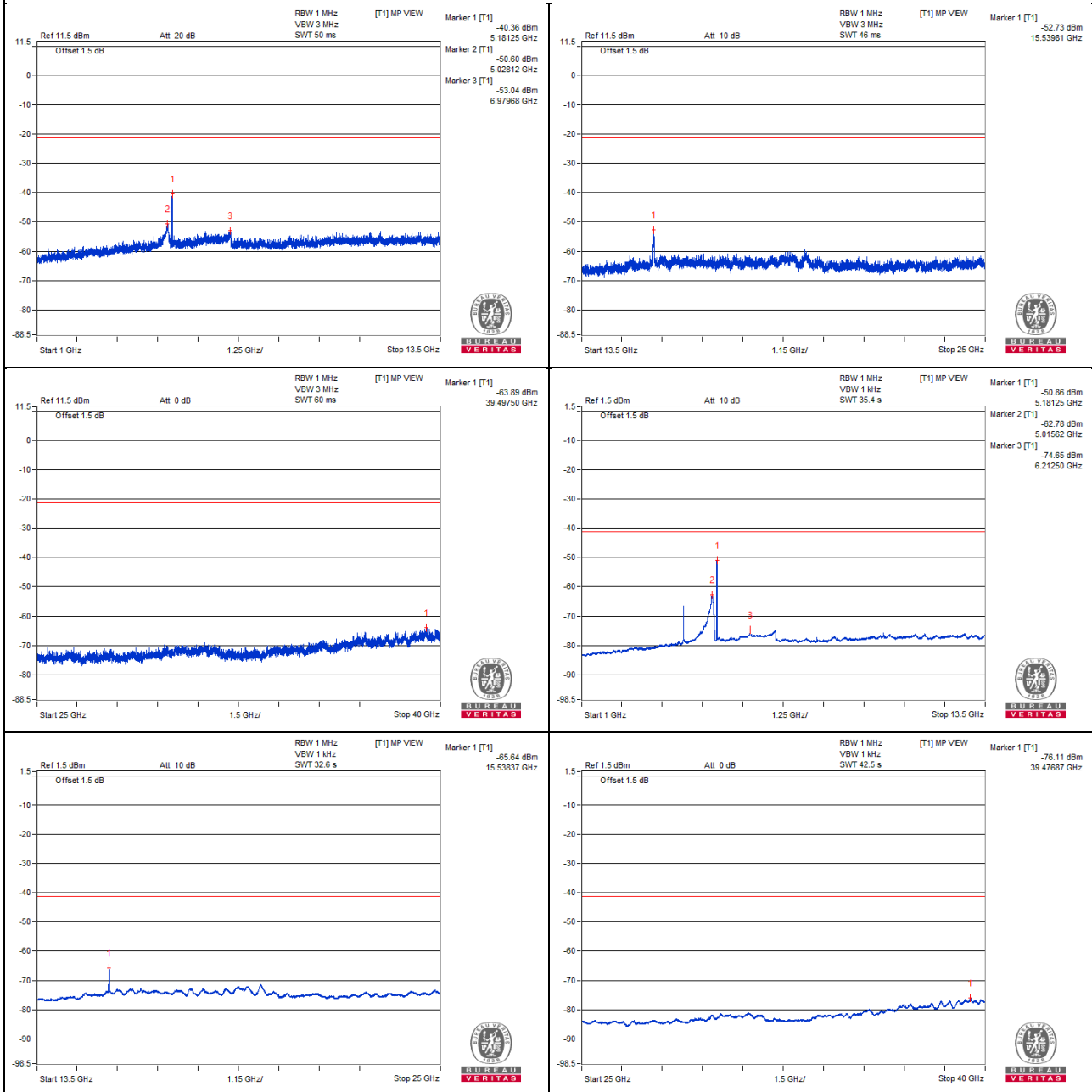
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5178.45 PK	114.85	*		10.98	8.61	19.59
2	5150 PK	61.41	74	-12.59	-42.46	8.61	-33.85
3	5145.4 PK	63.55	74	-10.45	-40.32	8.61	-31.71
4	5180.62 AV	104.09	*		0.22	8.61	8.83
5	5150 AV	49.44	54	-4.56	-54.43	8.61	-45.82
6	5149.95 AV	49.51	54	-4.49	-54.36	8.61	-45.75

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

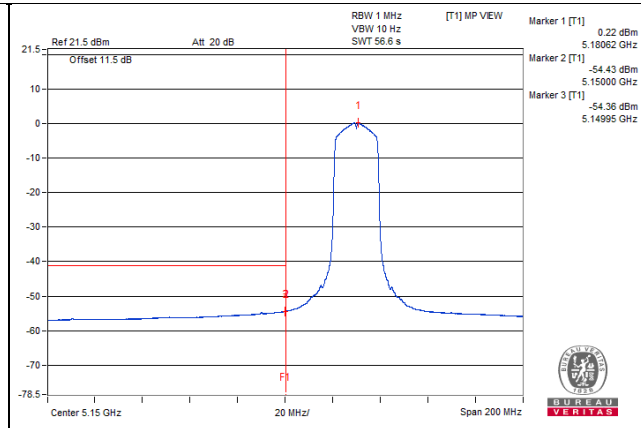
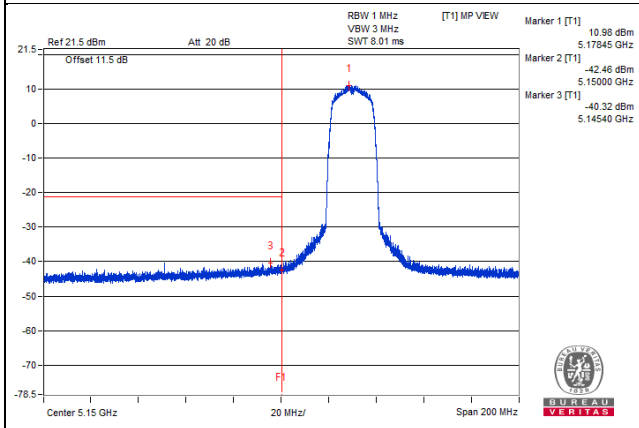
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5178.07 PK	112.65	*		9.91	7.48	17.39
2	5150 PK	59.32	74	-14.68	-43.42	7.48	-35.94
3	5148.52 PK	61	74	-13	-41.74	7.48	-34.26
4	5179.35 AV	101.5	*		-1.24	7.48	6.24
5	5150 AV	46.99	54	-7.01	-55.75	7.48	-48.27
6	5149.85 AV	47.04	54	-6.96	-55.7	7.48	-48.22

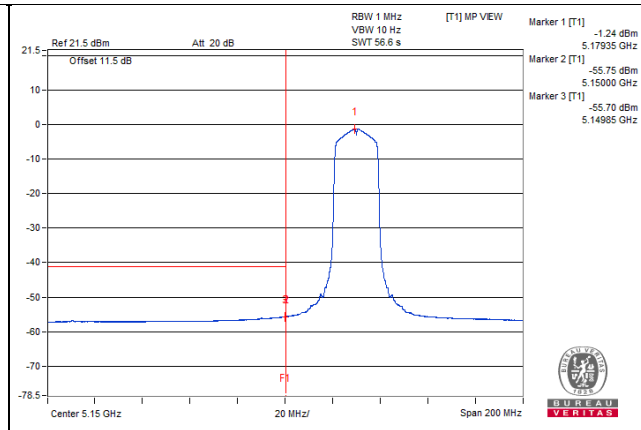
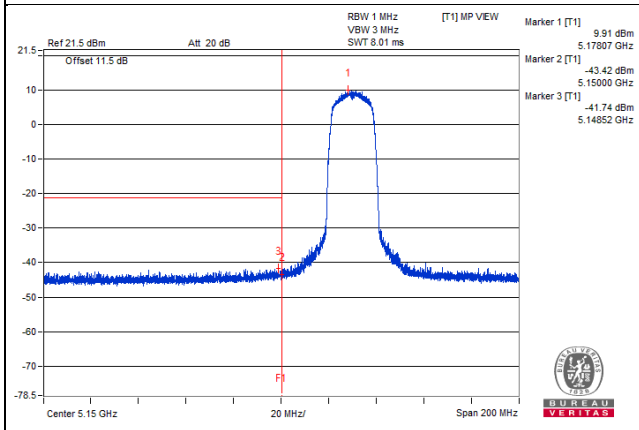
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

Chain 0



Chain 1



802.11ac (VHT20) - Channel 40

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5195.31 PK	56.78	*		-47.79	9.31	-38.48
2	5045.31 PK	52.66	74	-21.34	-51.91	9.31	-42.6
3	6614.06 PK	51.34	68.2	-16.86	-53.23	9.31	-43.92
4	19176.68 PK	45.31	74	-28.69	-59.26	9.31	-49.95
5	39490 PK	40.85	74	-33.15	-63.72	9.31	-54.41
6	5196.87 AV	46.56	*		-58.01	9.31	-48.7
7	4720.31 AV	40.57	54	-13.43	-64	9.31	-54.69
8	8320.31 AV	36.6	54	-17.4	-67.97	9.31	-58.66
9	19881.06 AV	33.43	54	-20.57	-71.14	9.31	-61.83
10	39482.5 AV	28.27	54	-25.73	-76.3	9.31	-66.99

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

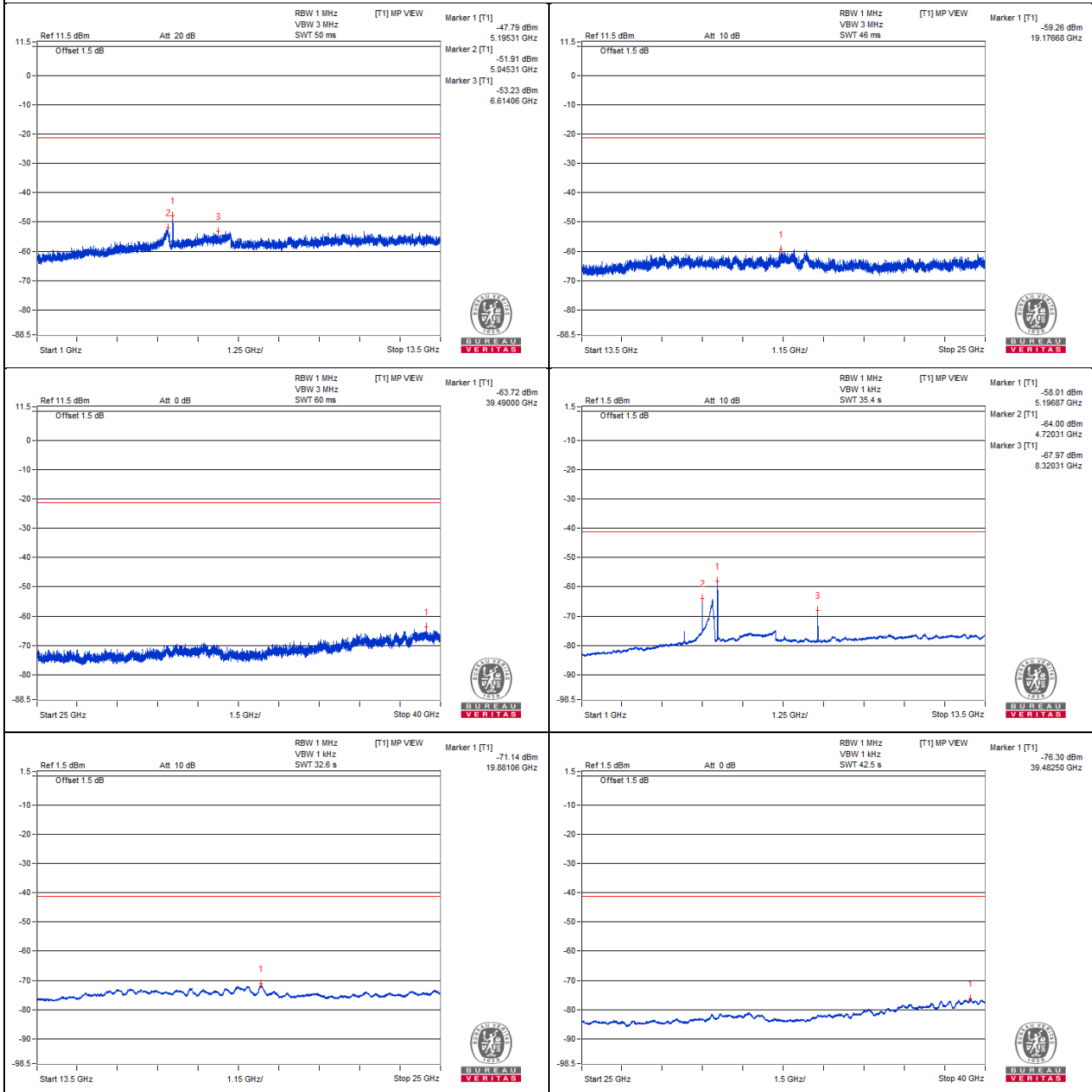
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5196.87 PK	59.91	*		-45.58	10.23	-35.35
2	5043.75 PK	54.67	74	-19.33	-50.82	10.23	-40.59
3	6984.37 PK	53.33	68.2	-14.87	-52.16	10.23	-41.93
4	15593 PK	51.96	74	-22.04	-53.53	10.23	-43.3
5	39448.75 PK	41.72	74	-32.28	-63.77	10.23	-53.54
6	5195.31 AV	49.58	*		-55.91	10.23	-45.68
7	5040.62 AV	43.34	54	-10.66	-62.15	10.23	-51.92
8	6996.87 AV	30.5	#		-74.99	10.23	-64.76
9	15601.62 AV	38.9	54	-15.1	-66.59	10.23	-56.36
10	39491.87 AV	29.1	54	-24.9	-76.39	10.23	-66.16

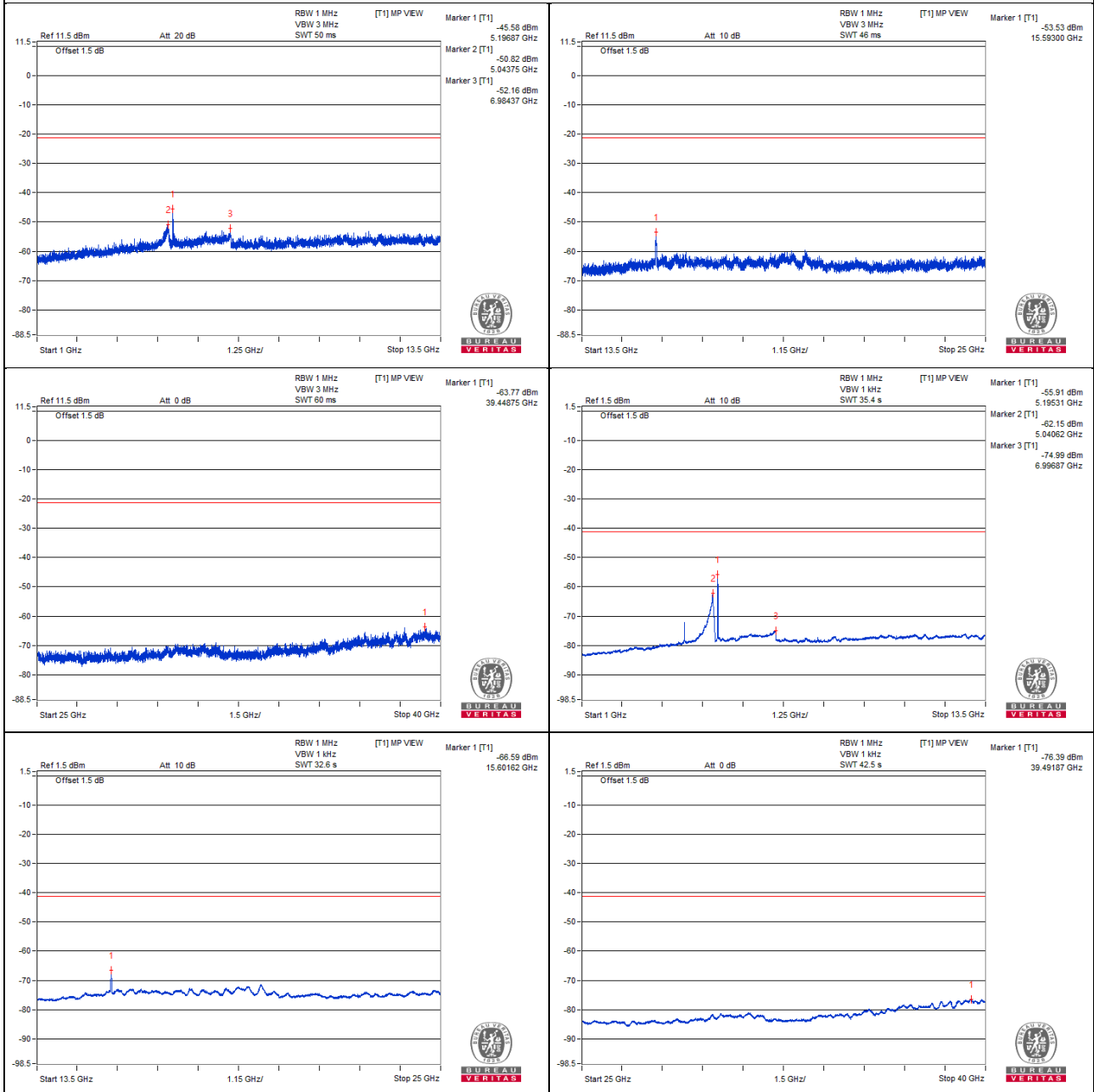
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5198.2 PK	115.66	*		11.79	8.61	20.4
2	5150 PK	60.15	74	-13.85	-43.72	8.61	-35.11
3	5128.15 PK	62.69	74	-11.31	-41.18	8.61	-32.57
4	5200.65 AV	104.09	*		0.22	8.61	8.83
5	5150 AV	48.26	54	-5.74	-55.61	8.61	-47
6	5148.6 AV	48.33	54	-5.67	-55.54	8.61	-46.93

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

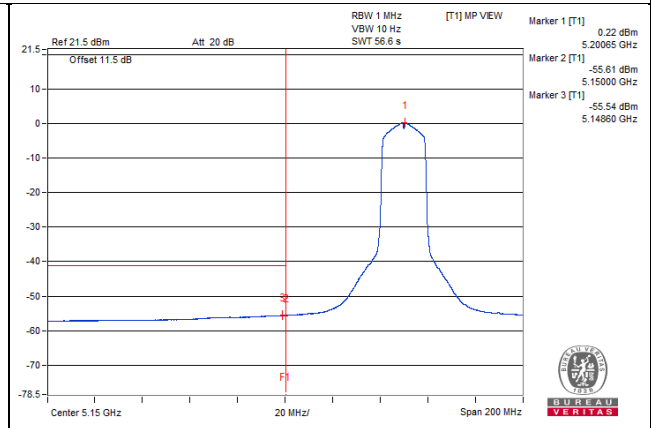
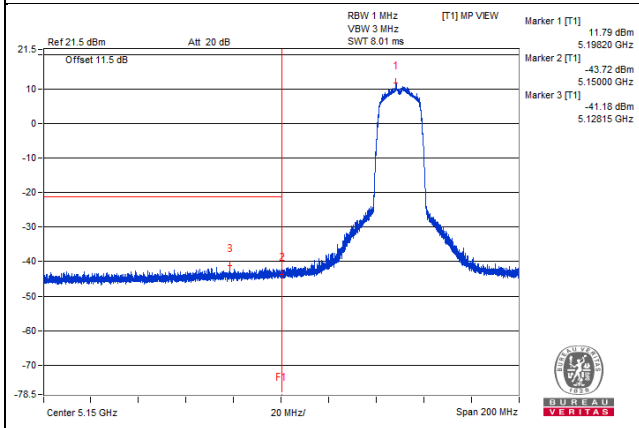
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5202.67 PK	112.9	*		10.16	7.48	17.64
2	5150 PK	58.88	74	-15.12	-43.86	7.48	-36.38
3	5149.72 PK	61.51	74	-12.49	-41.23	7.48	-33.75
4	5199.35 AV	101.99	*		-0.75	7.48	6.73
5	5150 AV	46.79	54	-7.21	-55.95	7.48	-48.47
6	5150 AV	46.79	54	-7.21	-55.95	7.48	-48.47

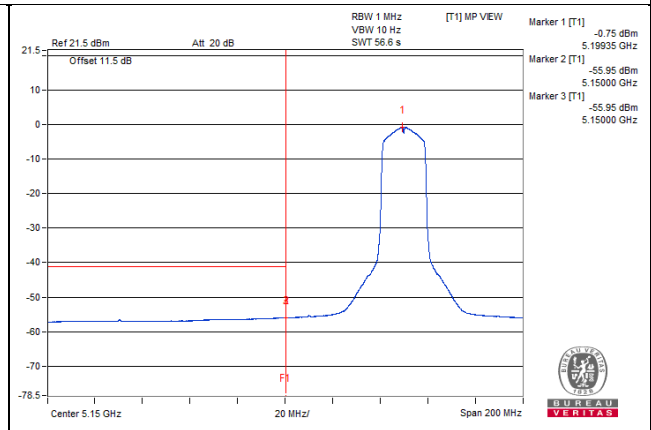
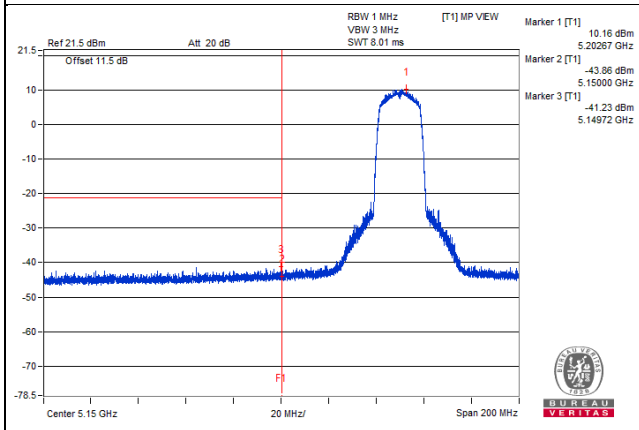
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

Chain 0



Chain 1



802.11ac (VHT20) - Channel 48

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5020.31 PK	51.99	74	-22.01	-52.58	9.31	-43.27
2	5020.31 PK	51.99	74	-22.01	-52.58	9.31	-43.27
3	6967.18 PK	51.94	68.2	-16.26	-52.63	9.31	-43.32
4	19163.75 PK	45.27	74	-28.73	-59.3	9.31	-49.99
5	39456.25 PK	40.25	74	-33.75	-64.32	9.31	-55.01
6	4759.37 AV	40.86	54	-13.14	-63.71	9.31	-54.4
7	4759.37 AV	40.86	54	-13.14	-63.71	9.31	-54.4
8	8384.37 AV	35.86	54	-18.14	-68.71	9.31	-59.4
9	19879.62 AV	33.23	54	-20.77	-71.34	9.31	-62.03
10	39476.87 AV	28.21	54	-25.79	-76.36	9.31	-67.05

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)

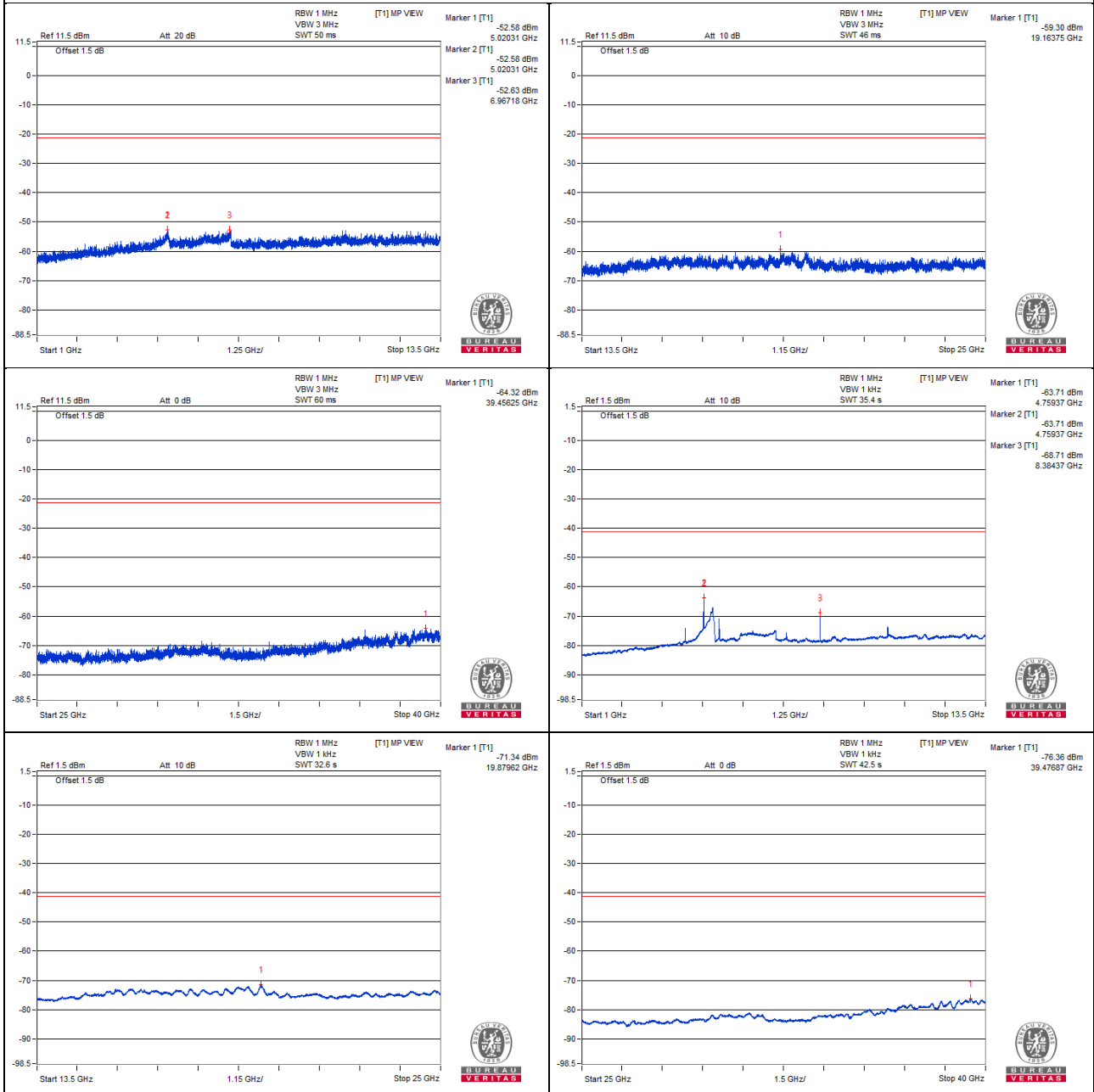
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	4998.43 PK	53.54	74	-20.46	-51.95	10.23	-41.72
2	4998.43 PK	53.54	74	-20.46	-51.95	10.23	-41.72
3	11656.25 PK	52.93	74	-21.07	-52.56	10.23	-42.33
4	15712.31 PK	53.14	74	-20.86	-52.35	10.23	-42.12
5	39026.87 PK	42.17	74	-31.83	-63.32	10.23	-53.09
6	4192.18 AV	40.04	54	-13.96	-65.45	10.23	-55.22
7	4192.18 AV	40.04	54	-13.96	-65.45	10.23	-55.22
8	6996.87 AV	30.69	#		-74.8	10.23	-64.57
9	15719.5 AV	41.38	54	-12.62	-64.11	10.23	-53.88
10	39488.12 AV	29.33	54	-24.67	-76.16	10.23	-65.93

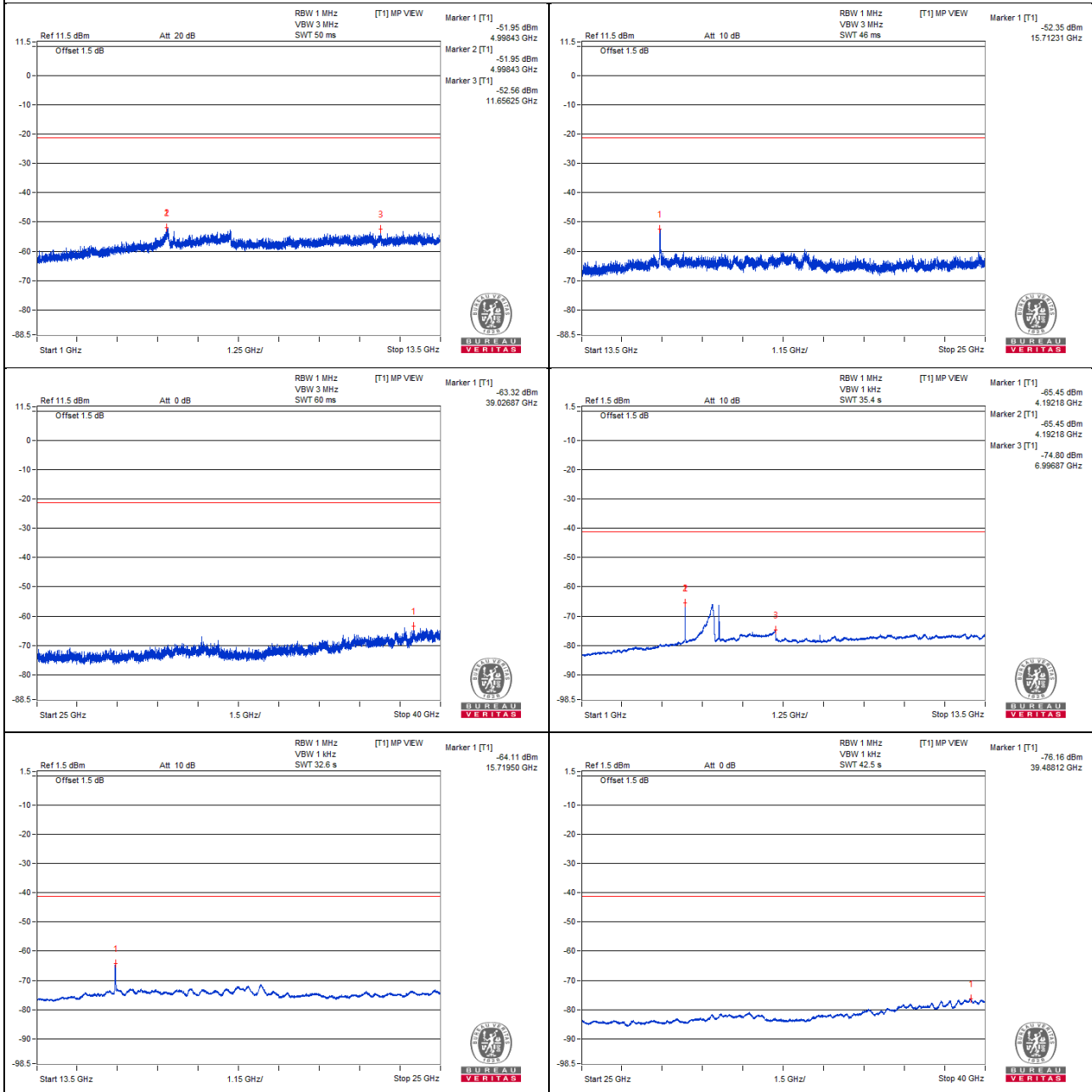
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5241.57 PK	115.13	*		11.26	8.61	19.87
2	5150 PK	59.03	74	-14.97	-44.84	8.61	-36.23
3	5128 PK	61.25	74	-12.75	-42.62	8.61	-34.01
4	5239.32 AV	104.2	*		0.33	8.61	8.94
5	5150 AV	47.29	54	-6.71	-56.58	8.61	-47.97
6	5149.75 AV	47.32	54	-6.68	-56.55	8.61	-47.94

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5241.15 PK	112.23	*		9.49	7.48	16.97
2	5150 PK	58.17	74	-15.83	-44.57	7.48	-37.09
3	5142.87 PK	60.32	74	-13.68	-42.42	7.48	-34.94
4	5239.27 AV	101.35	*		-1.39	7.48	6.09
5	5150 AV	45.96	54	-8.04	-56.78	7.48	-49.3
6	5149.1 AV	46	54	-8	-56.74	7.48	-49.26

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

802.11ac (VHT20) - Channel 52

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	11640.62 PK	52.01	74	-21.99	-52.56	9.31	-43.25
2	5040.62 PK	50.85	74	-23.15	-53.72	9.31	-44.41
3	11640.62 PK	52.01	74	-21.99	-52.56	9.31	-43.25
4	19199.68 PK	46.23	74	-27.77	-58.34	9.31	-49.03
5	39465.62 PK	41.06	74	-32.94	-63.51	9.31	-54.2
6	5265.62 AV	40.76	*		-63.81	9.31	-54.5
7	4779.68 AV	35.27	54	-18.73	-69.3	9.31	-59.99
8	8415.62 AV	34.52	54	-19.48	-70.05	9.31	-60.74
9	19883.93 AV	33.14	54	-20.86	-71.43	9.31	-62.12
10	39467.5 AV	28.29	54	-25.71	-76.28	9.31	-66.97

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

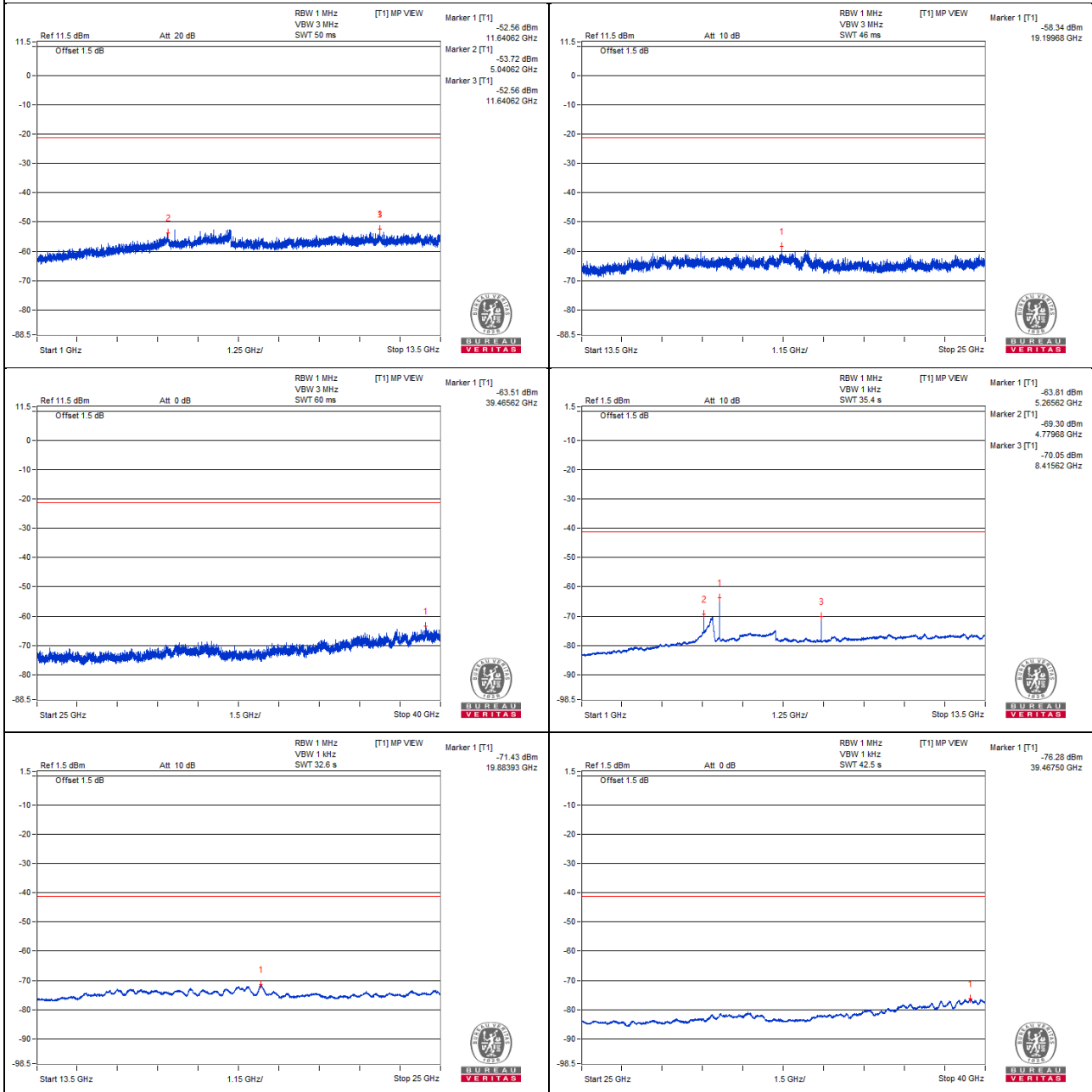
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5264.06 PK	59.89	*		-45.6	10.23	-35.37
2	5051.56 PK	53.34	74	-20.66	-52.15	10.23	-41.92
3	6985.93 PK	52.43	68.2	-15.77	-53.06	10.23	-42.83
4	15769.81 PK	51.37	74	-22.63	-54.12	10.23	-43.89
5	39435.62 PK	42.31	74	-31.69	-63.18	10.23	-52.95
6	5260.93 AV	49.57	*		-55.92	10.23	-45.69
7	4207.81 AV	38.34	54	-15.66	-67.15	10.23	-56.92
8	6996.87 AV	30.45	#		-75.04	10.23	-64.81
9	15777 AV	39.63	54	-14.37	-65.86	10.23	-55.63
10	39497.5 AV	29.14	54	-24.86	-76.35	10.23	-66.12

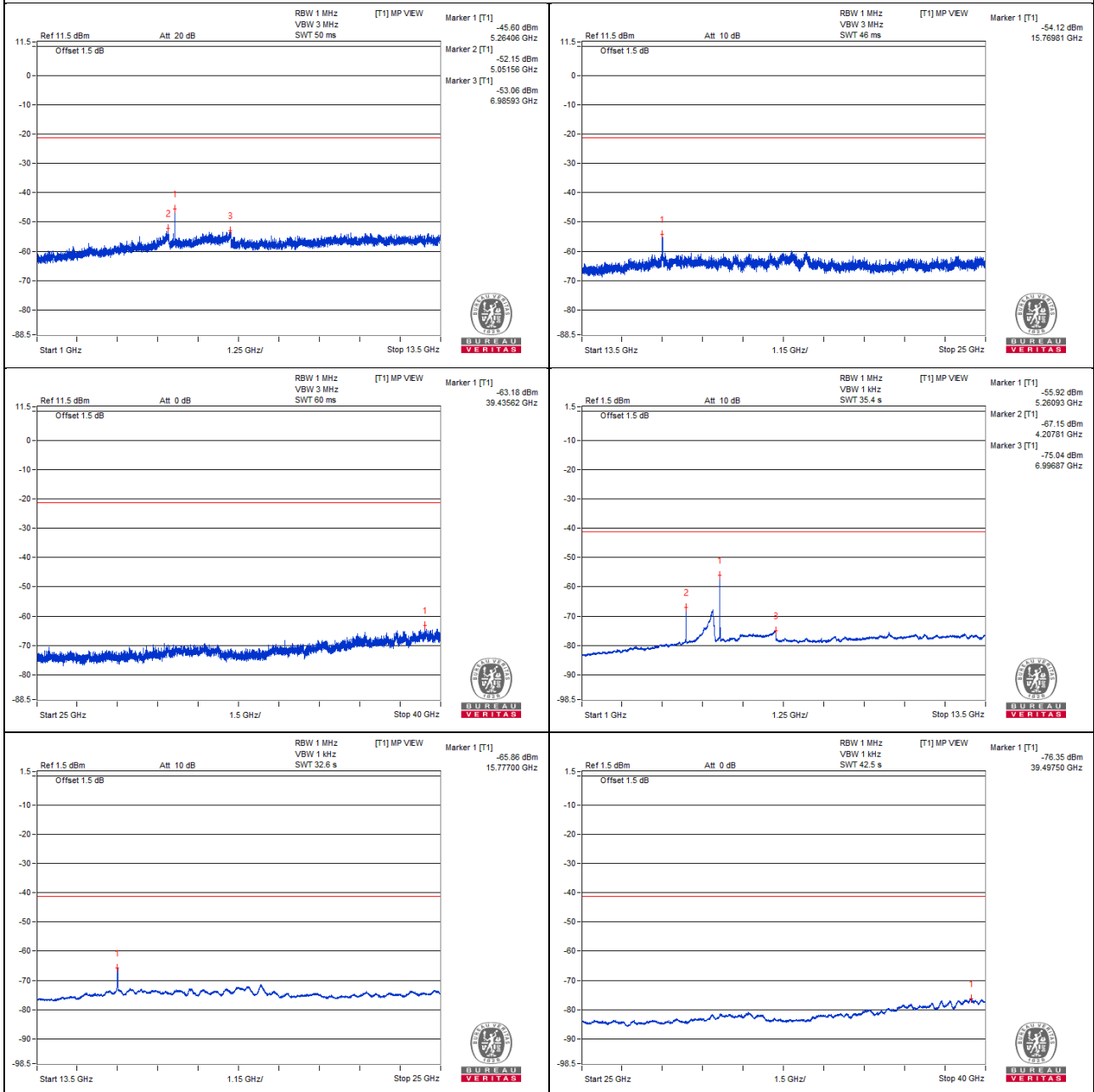
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5261.57 PK	115.17	*		10.93	8.98	19.91
2	5350 PK	59.04	74	-14.96	-45.2	8.98	-36.22
3	5362.65 PK	61.93	74	-12.07	-42.31	8.98	-33.33
4	5259.3 AV	104.5	*		0.26	8.98	9.24
5	5350 AV	47.79	54	-6.21	-56.45	8.98	-47.47
6	5350.37 AV	47.87	54	-6.13	-56.37	8.98	-47.39

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

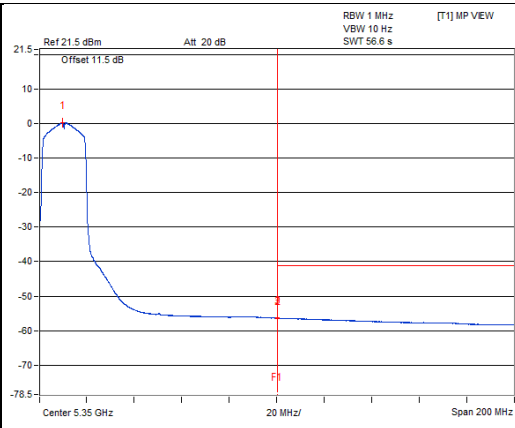
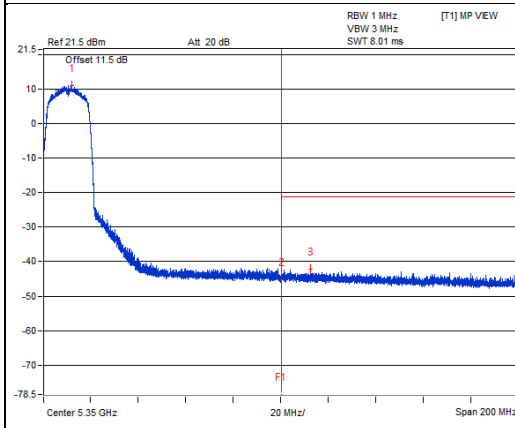
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5257.67 PK	113.17	*		9.5	8.41	17.91
2	5350 PK	59.49	74	-14.51	-44.18	8.41	-35.77
3	5386.45 PK	61.36	74	-12.64	-42.31	8.41	-33.9
4	5259.27 AV	102.44	*		-1.23	8.41	7.18
5	5350 AV	46.9	54	-7.1	-56.77	8.41	-48.36
6	5350.2 AV	46.92	54	-7.08	-56.75	8.41	-48.34

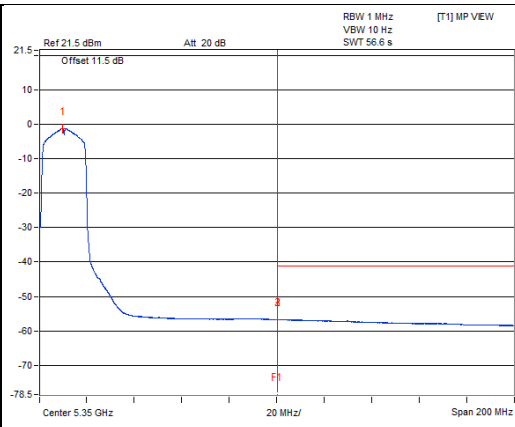
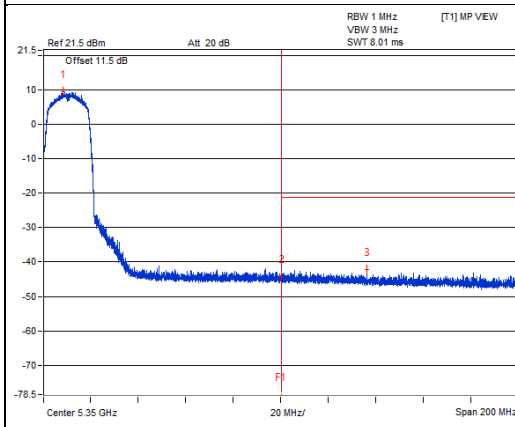
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

Chain 0



Chain 1



802.11ac (VHT20) - Channel 60

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5298.43 PK	61.17	*		-43.4	9.31	-34.09
2	5048.43 PK	50.05	74	-23.95	-54.52	9.31	-45.21
3	6831.25 PK	51.44	68.2	-16.76	-53.13	9.31	-43.82
4	17875.75 PK	45.31	74	-28.69	-59.26	9.31	-49.95
5	39705.62 PK	40.82	74	-33.18	-63.75	9.31	-54.44
6	5300 AV	51.76	*		-52.81	9.31	-43.5
7	4820.31 AV	40.15	54	-13.85	-64.42	9.31	-55.11
8	8479.68 AV	32.77	54	-21.23	-71.8	9.31	-62.49
9	19891.12 AV	33.03	54	-20.97	-71.54	9.31	-62.23
10	39493.75 AV	28.24	54	-25.76	-76.33	9.31	-67.02

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

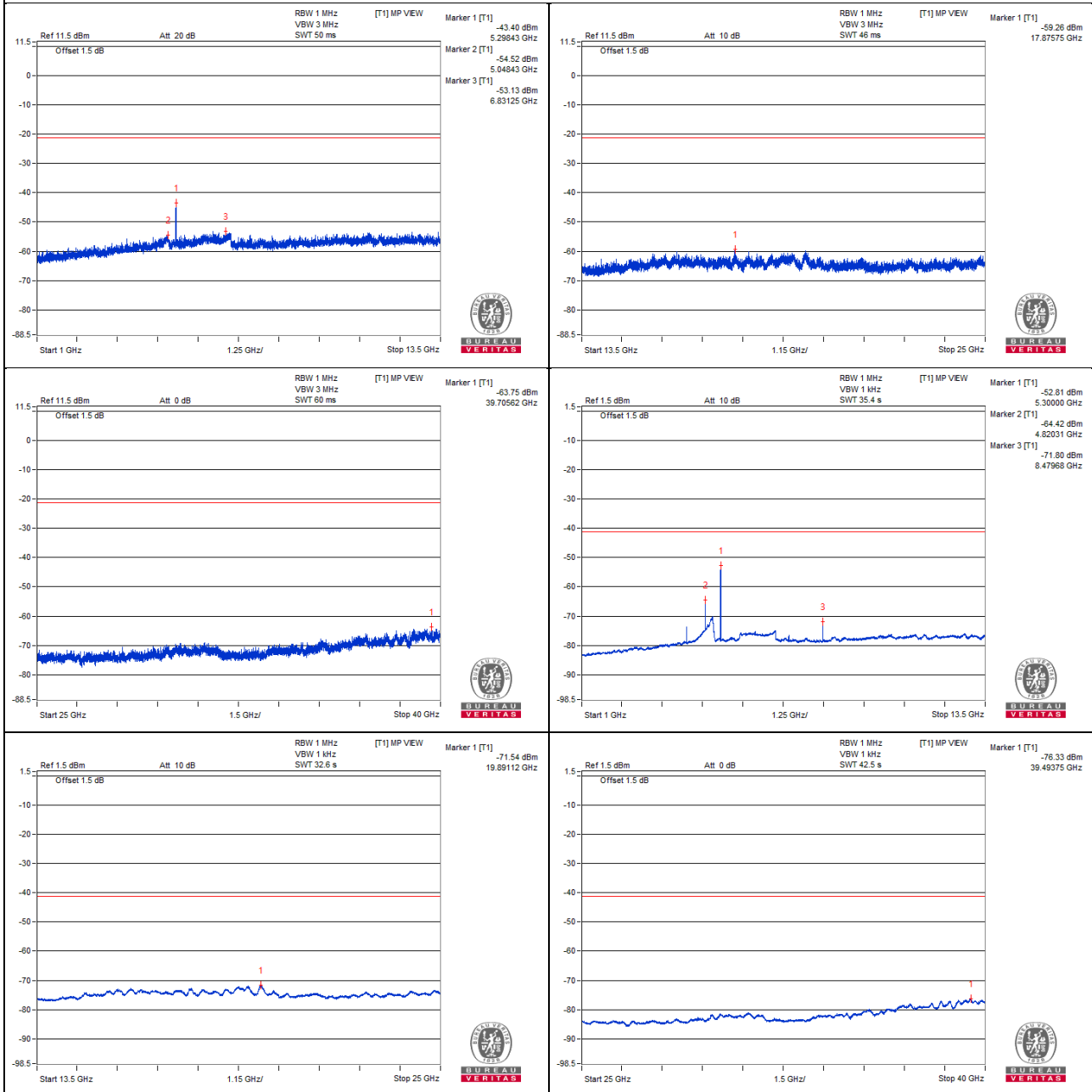
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5303.12 PK	64.65	*		-40.84	10.23	-30.61
2	5018.75 PK	51.61	74	-22.39	-53.88	10.23	-43.65
3	6998.43 PK	53.98	68.2	-14.22	-51.51	10.23	-41.28
4	15899.18 PK	51.56	74	-22.44	-53.93	10.23	-43.7
5	39456.25 PK	41.43	74	-32.57	-64.06	10.23	-53.83
6	5300 AV	56.02	*		-49.47	10.23	-39.24
7	4239.06 AV	38.12	54	-15.88	-67.37	10.23	-57.14
8	6992.18 AV	30.48	#		-75.01	10.23	-64.78
9	15899.18 AV	39.42	54	-14.58	-66.07	10.23	-55.84
10	39475 AV	29.23	54	-24.77	-76.26	10.23	-66.03

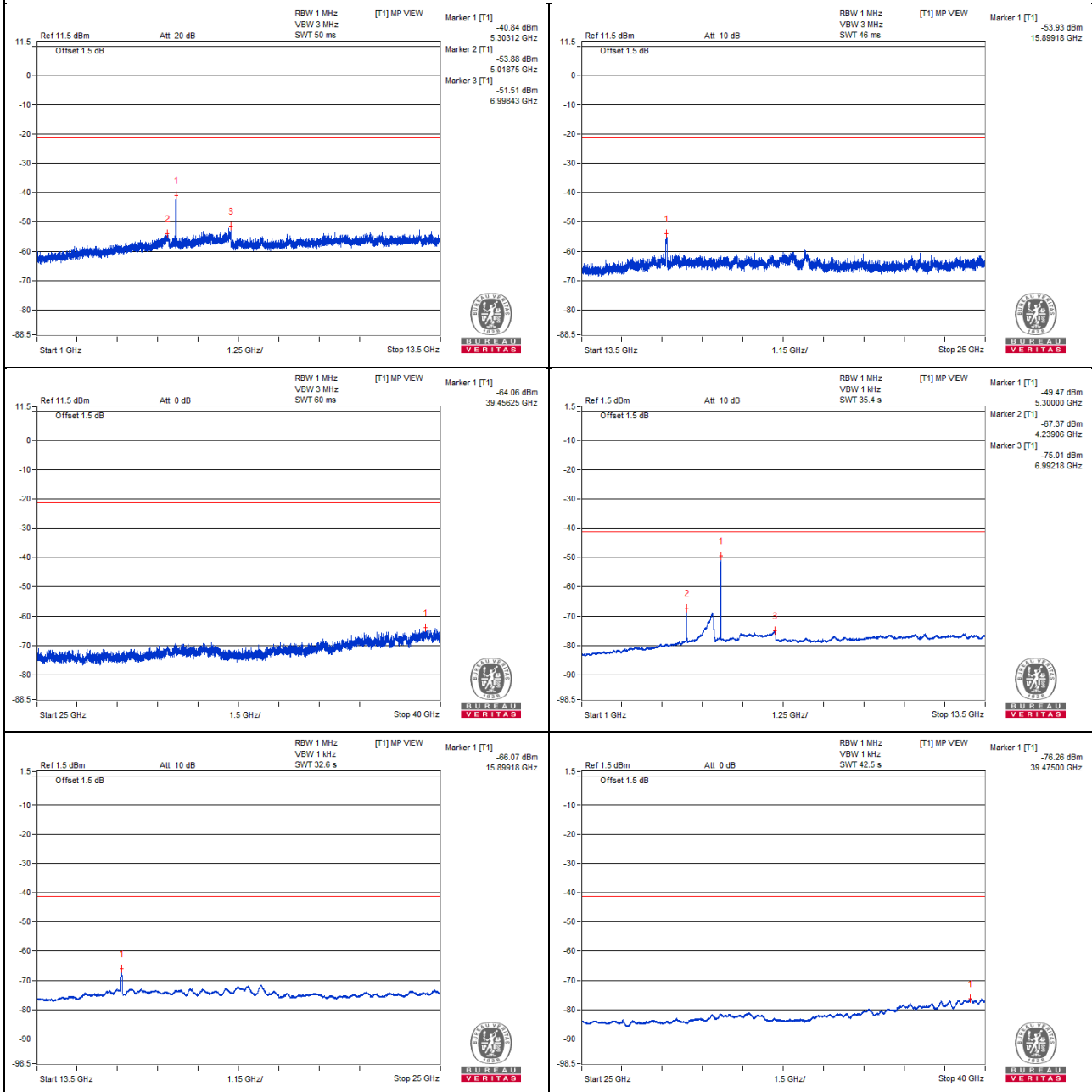
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5297.9 PK	114.86	*		10.62	8.98	19.6
2	5350 PK	61.3	74	-12.7	-42.94	8.98	-33.96
3	5357.55 PK	62.83	74	-11.17	-41.41	8.98	-32.43
4	5300.57 AV	104.07	*		-0.17	8.98	8.81
5	5350 AV	48.74	54	-5.26	-55.5	8.98	-46.52
6	5350.07 AV	48.76	54	-5.24	-55.48	8.98	-46.5

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

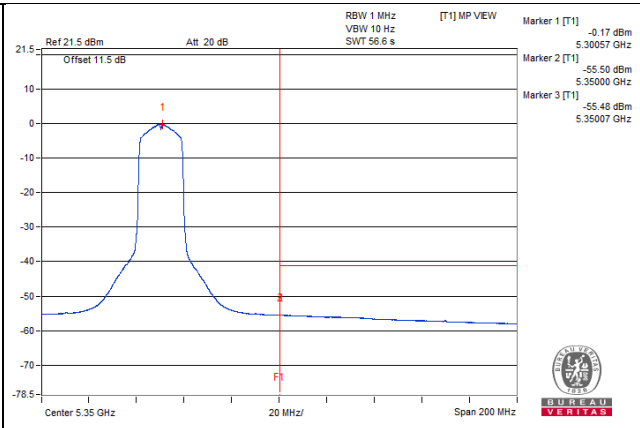
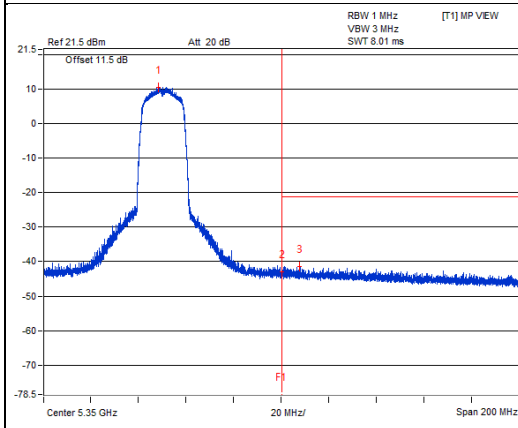
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5299.9 PK	113.46	*		9.79	8.41	18.2
2	5350 PK	59.16	74	-14.84	-44.51	8.41	-36.1
3	5354.02 PK	61.84	74	-12.16	-41.83	8.41	-33.42
4	5299.27 AV	102.64	*		-1.03	8.41	7.38
5	5350 AV	47.48	54	-6.52	-56.19	8.41	-47.78
6	5350.3 AV	47.53	54	-6.47	-56.14	8.41	-47.73

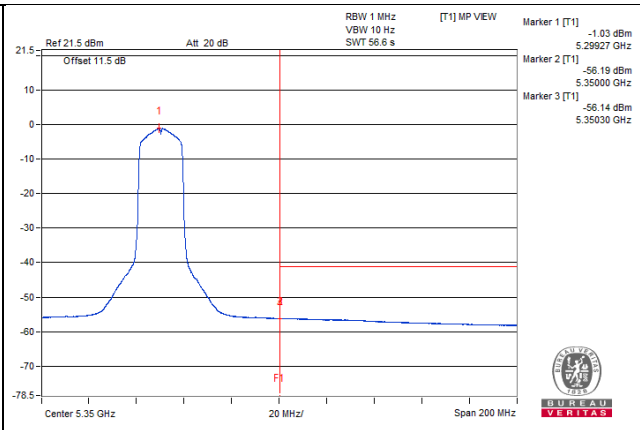
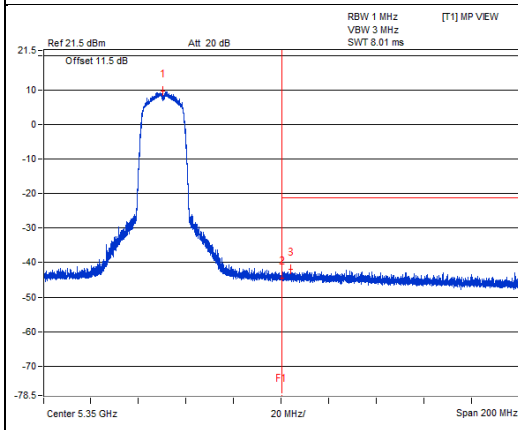
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

Chain 0



Chain 1



802.11ac (VHT20) - Channel 64

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5318.75 PK	59.88	*		-44.69	9.31	-35.38
2	4934.37 PK	49.97	74	-24.03	-54.6	9.31	-45.29
3	10373.43 PK	51.81	68.2	-16.39	-52.76	9.31	-43.45
4	19921.31 PK	45.17	74	-28.83	-59.4	9.31	-50.09
5	39880 PK	40.35	74	-33.65	-64.22	9.31	-54.91
6	5318.75 AV	50.45	*		-54.12	9.31	-44.81
7	4839.06 AV	41.14	54	-12.86	-63.43	9.31	-54.12
8	8512.5 AV	31.72	#		-72.85	9.31	-63.54
9	19879.62 AV	33.04	54	-20.96	-71.53	9.31	-62.22
10	39469.37 AV	28.3	54	-25.7	-76.27	9.31	-66.96

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

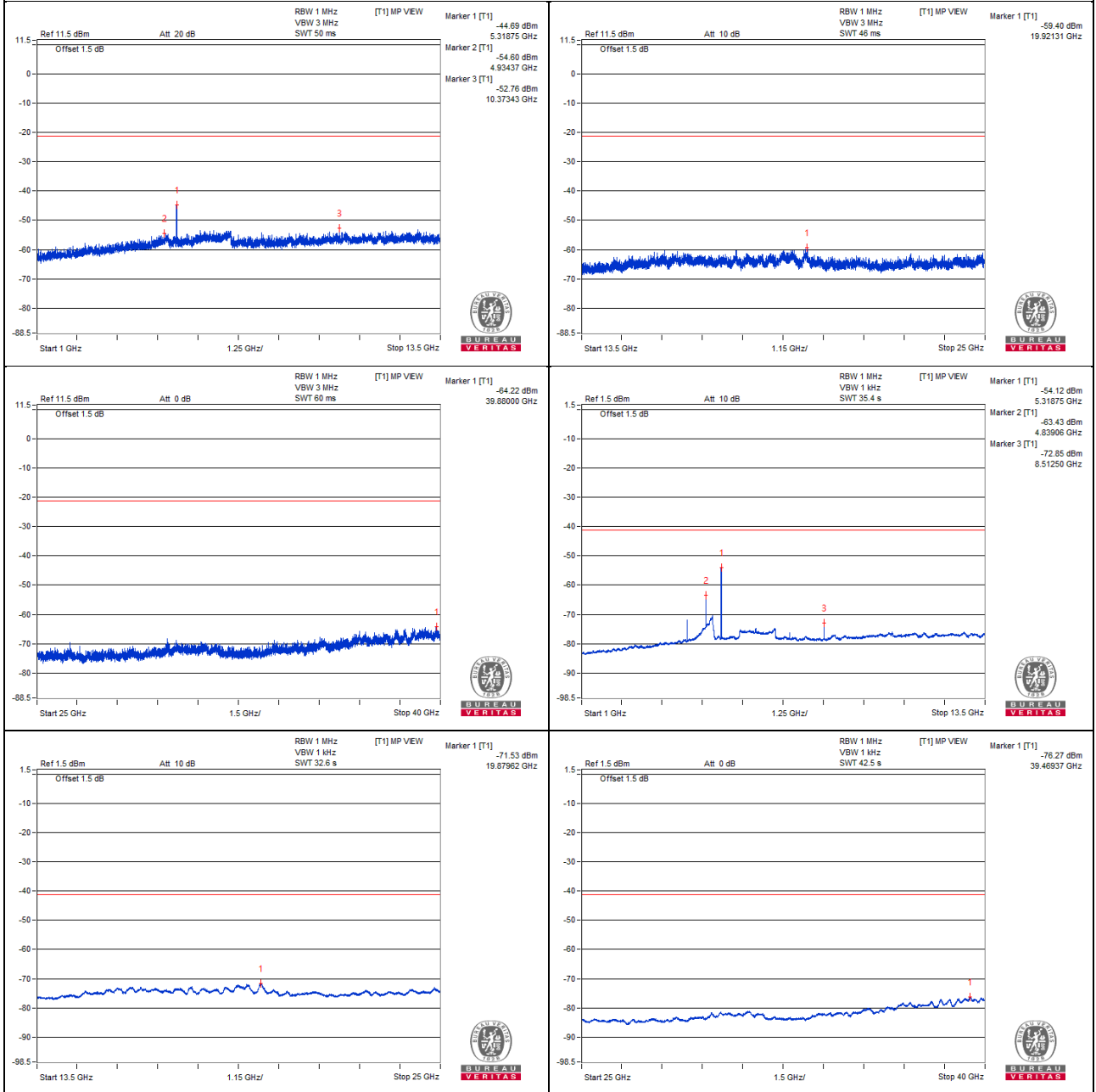
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5320.31 PK	65.18	*		-40.31	10.23	-30.08
2	4984.37 PK	52.42	74	-21.58	-53.07	10.23	-42.84
3	6929.68 PK	52.76	68.2	-15.44	-52.73	10.23	-42.5
4	15963.87 PK	52.68	74	-21.32	-52.81	10.23	-42.58
5	39506.87 PK	42.7	74	-31.3	-62.79	10.23	-52.56
6	5320.31 AV	55.87	*		-49.62	10.23	-39.39
7	4256.25 AV	42.09	54	-11.91	-63.4	10.23	-53.17
8	6995.31 AV	30.38	#		-75.11	10.23	-64.88
9	15958.12 AV	39.54	54	-14.46	-65.95	10.23	-55.72
10	39482.5 AV	29.17	54	-24.83	-76.32	10.23	-66.09

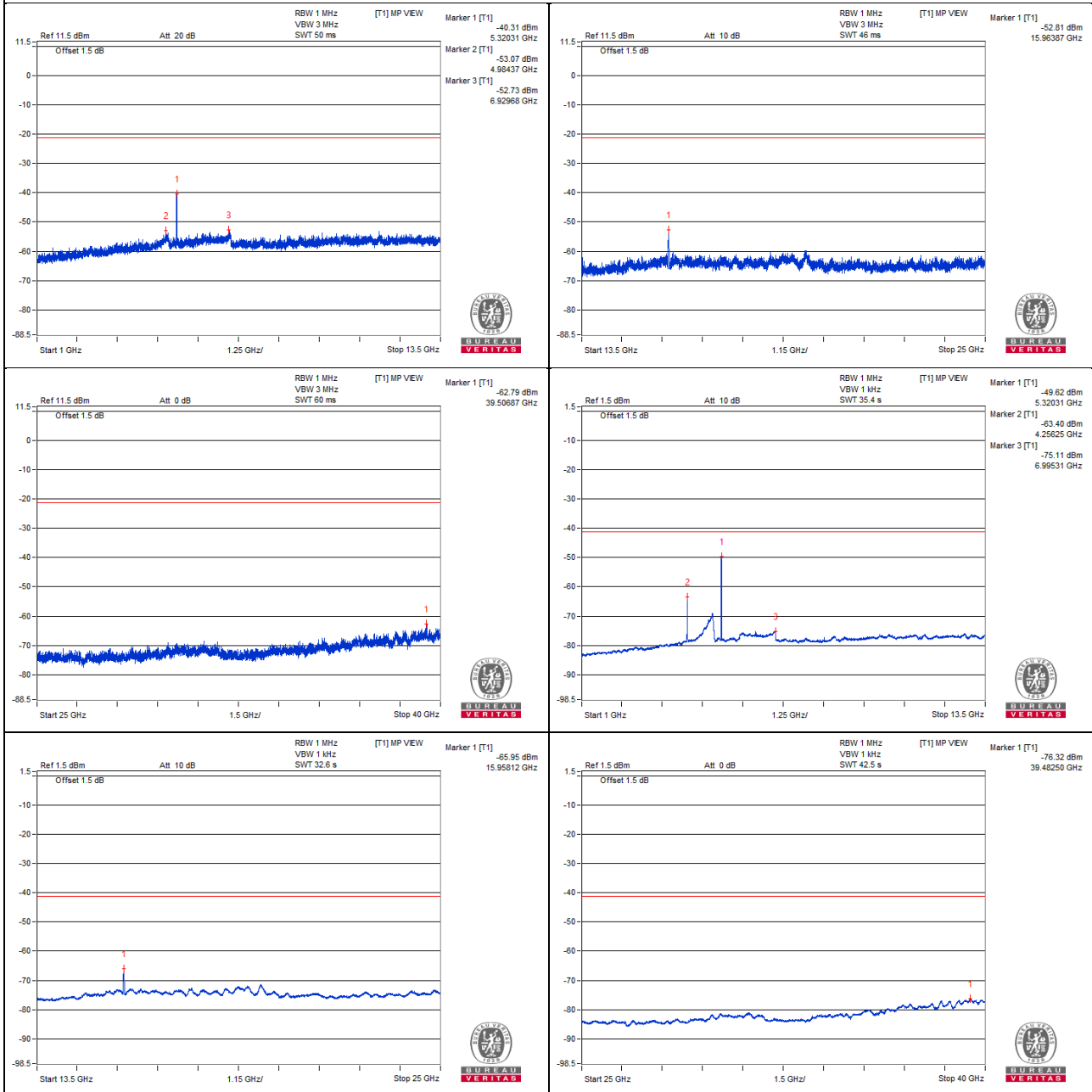
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5318.25 PK	114.67	*		10.43	8.98	19.41
2	5350 PK	61.67	74	-12.33	-42.57	8.98	-33.59
3	5350.02 PK	64.27	74	-9.73	-39.97	8.98	-30.99
4	5319.27 AV	103.62	*		-0.62	8.98	8.36
5	5350 AV	49.71	54	-4.29	-54.53	8.98	-45.55
6	5350.02 AV	49.72	54	-4.28	-54.52	8.98	-45.54

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

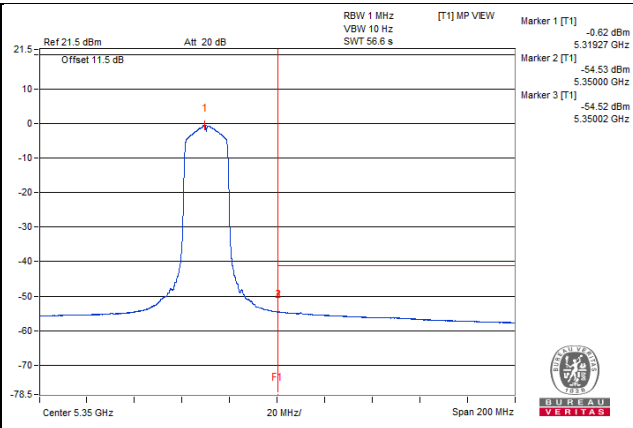
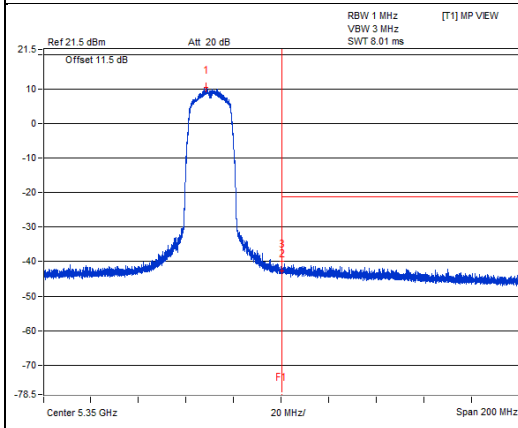
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5318.55 PK	113.8	*		10.13	8.41	18.54
2	5350 PK	60.5	74	-13.5	-43.17	8.41	-34.76
3	5350.75 PK	63.26	74	-10.74	-40.41	8.41	-32
4	5320.55 AV	102.68	*		-0.99	8.41	7.42
5	5350 AV	48.25	54	-5.75	-55.42	8.41	-47.01
6	5350.07 AV	48.31	54	-5.69	-55.36	8.41	-46.95

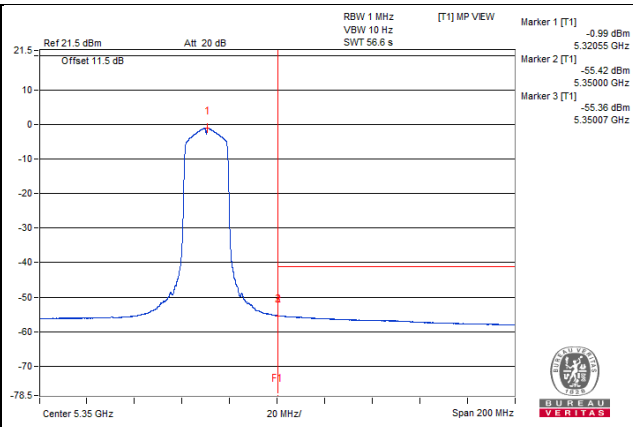
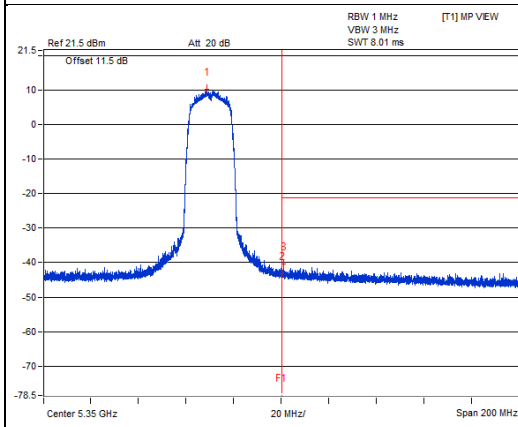
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

Chain 0



Chain 1



802.11ac (VHT20) - Channel 100

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5498.43 PK	57.17	*		-47.4	9.31	-38.09
2	5018.75 PK	50.79	74	-23.21	-53.78	9.31	-44.47
3	11303.12 PK	51.83	74	-22.17	-52.74	9.31	-43.43
4	16502.93 PK	45.64	68.2	-22.56	-58.93	9.31	-49.62
5	39075.62 PK	40.98	74	-33.02	-63.59	9.31	-54.28
6	5498.43 AV	47.66	*		-56.91	9.31	-47.6
7	5020.31 AV	40.18	54	-13.82	-64.39	9.31	-55.08
8	5979.68 AV	41.74	#		-62.83	9.31	-53.52
9	16498.62 AV	34.57	#		-70	9.31	-60.69
10	39478.75 AV	28.25	54	-25.75	-76.32	9.31	-67.01

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

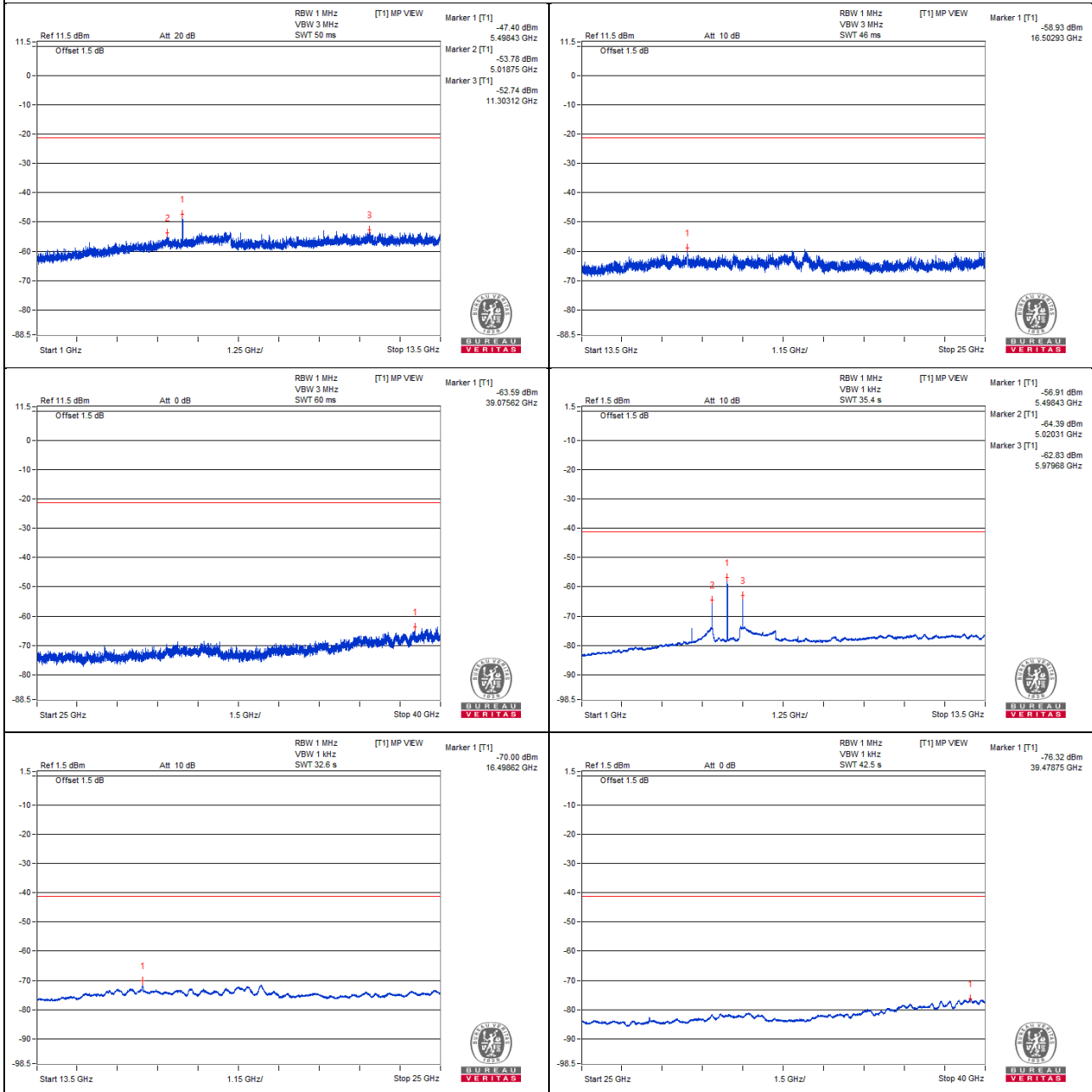
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5501.56 PK	62.55	*		-42.94	10.23	-32.71
2	5043.75 PK	51.46	74	-22.54	-54.03	10.23	-43.8
3	6996.87 PK	52.59	68.2	-15.61	-52.9	10.23	-42.67
4	16504.37 PK	55.67	68.2	-12.53	-49.82	10.23	-39.59
5	39431.87 PK	41.55	74	-32.45	-63.94	10.23	-53.71
6	5498.43 AV	53.31	*		-52.18	10.23	-41.95
7	4400 AV	43.79	54	-10.21	-61.7	10.23	-51.47
8	5946.87 AV	31.46	#		-74.03	10.23	-63.8
9	16501.5 AV	43.05	#		-62.44	10.23	-52.21
10	39475 AV	29.14	54	-24.86	-76.35	10.23	-66.12

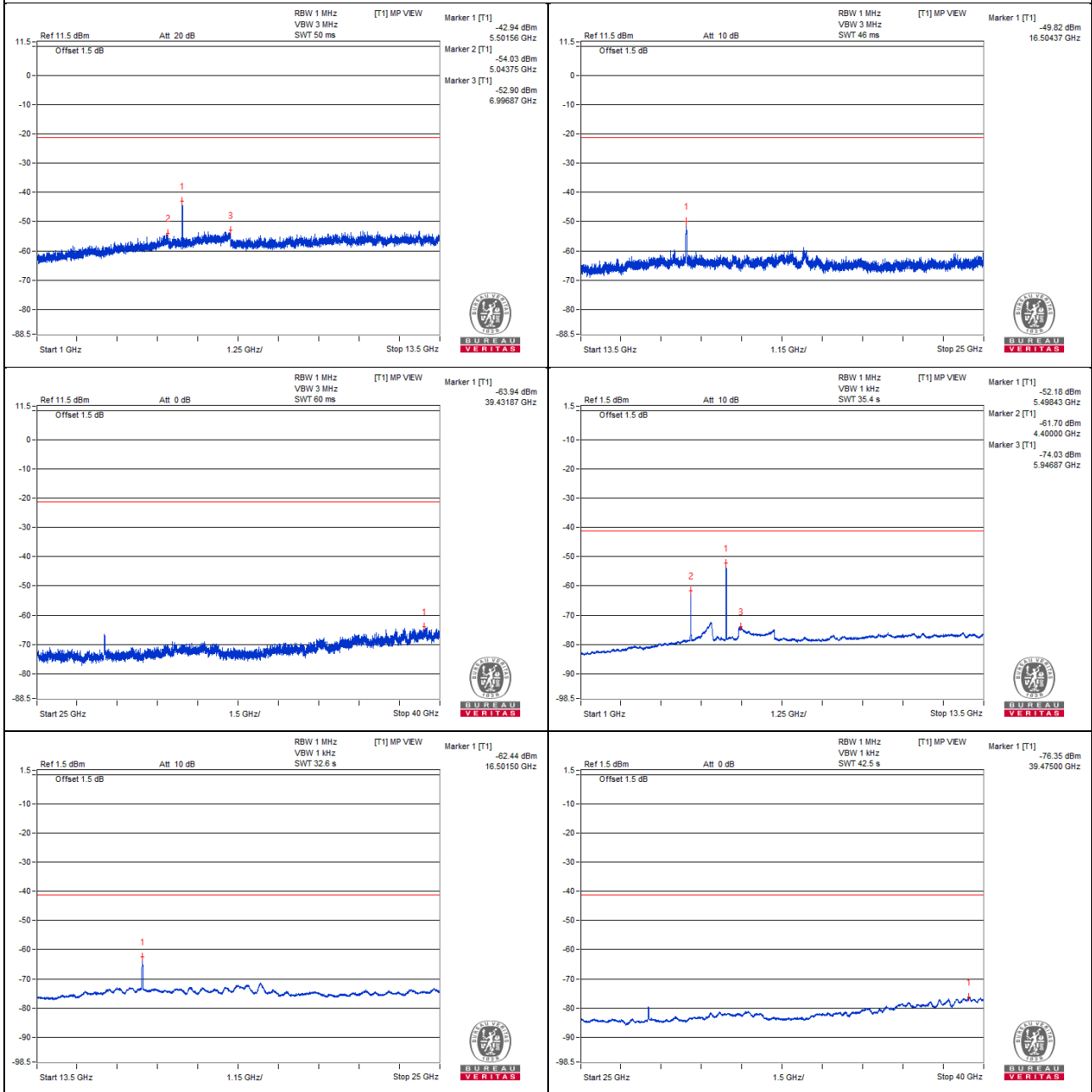
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5499.15 PK	115.32	*		11.12	8.94	20.06
2	5470 PK	61.92	68.2	-6.28	-42.28	8.94	-33.34
3	5469.03 PK	63.4	68.2	-4.8	-40.8	8.94	-31.86
4	5499.31 AV	103.92	*		-0.28	8.94	8.66
5	5470 AV	49.53	#		-54.67	8.94	-45.73
6	5469.65 AV	49.56	#		-54.64	8.94	-45.7

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

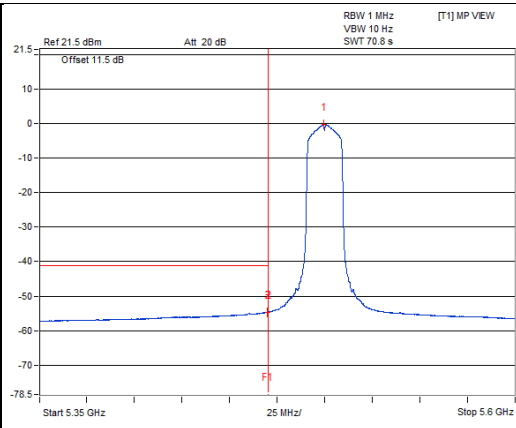
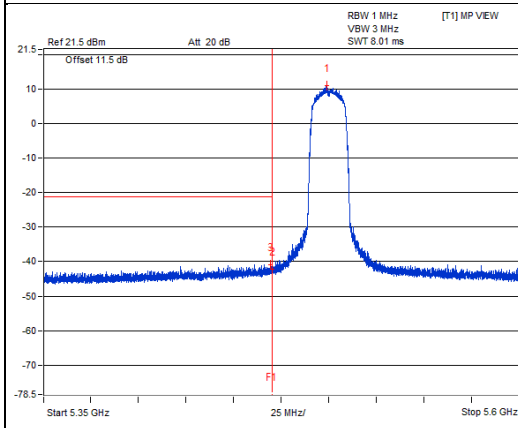
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5497.5 PK	115.88	*		10.39	10.23	20.62
2	5470 PK	61.79	68.2	-6.41	-43.7	10.23	-33.47
3	5459.96 PK	63.72	74	-10.28	-41.77	10.23	-31.54
4	5499.31 AV	104.51	*		-0.98	10.23	9.25
5	5470 AV	50.02	#		-55.47	10.23	-45.24
6	5469.68 AV	50.03	#		-55.46	10.23	-45.23

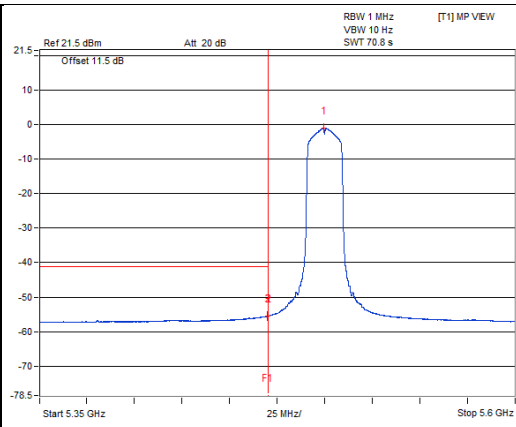
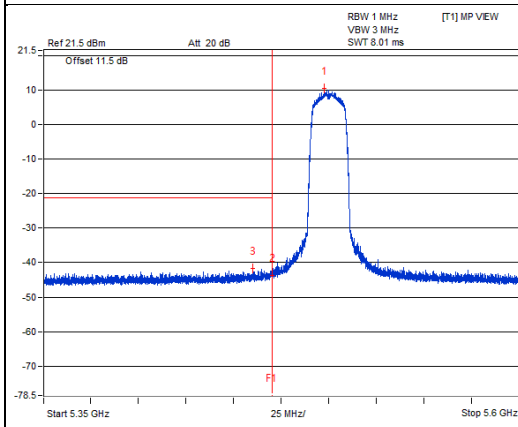
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



802.11ac (VHT20) - Channel 116

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5578.12 PK	59.7	*		-44.87	9.31	-35.56
2	5051.56 PK	49.44	74	-24.56	-55.13	9.31	-45.82
3	6990.62 PK	51.8	68.2	-16.4	-52.77	9.31	-43.46
4	16732.93 PK	48.76	68.2	-19.44	-55.81	9.31	-46.5
5	38406.25 PK	40.97	68.2	-27.23	-63.6	9.31	-54.29
6	5578.12 AV	49.83	*		-54.74	9.31	-45.43
7	5037.5 AV	30.26	54	-23.74	-74.31	9.31	-65
8	6059.37 AV	42.48	#		-62.09	9.31	-52.78
9	16740.12 AV	36.86	#		-67.71	9.31	-58.4
10	39456.25 AV	28.2	54	-25.8	-76.37	9.31	-67.06

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

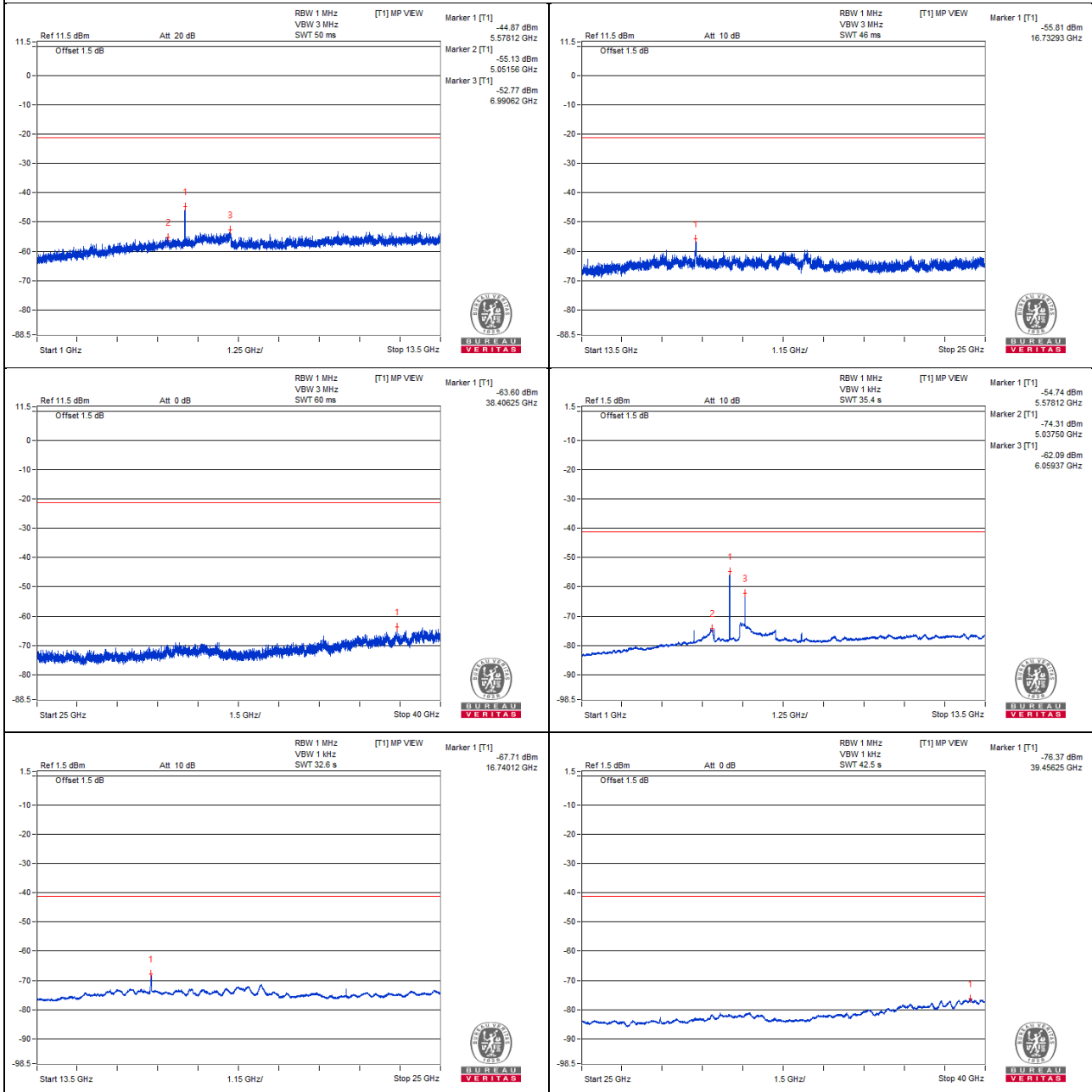
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5581.25 PK	63.85	*		-41.64	10.23	-31.41
2	5034.37 PK	50.59	74	-23.41	-54.9	10.23	-44.67
3	6989.06 PK	53.02	68.2	-15.18	-52.47	10.23	-42.24
4	16741.56 PK	55.61	68.2	-12.59	-49.88	10.23	-39.65
5	39244.37 PK	41.7	74	-32.3	-63.79	10.23	-53.56
6	5578.12 AV	54.7	*		-50.79	10.23	-40.56
7	4464.06 AV	41.19	#		-64.3	10.23	-54.07
8	5900 AV	32.25	#		-73.24	10.23	-63.01
9	16741.56 AV	42.83	#		-62.66	10.23	-52.43
10	39469.37 AV	29.25	54	-24.75	-76.24	10.23	-66.01

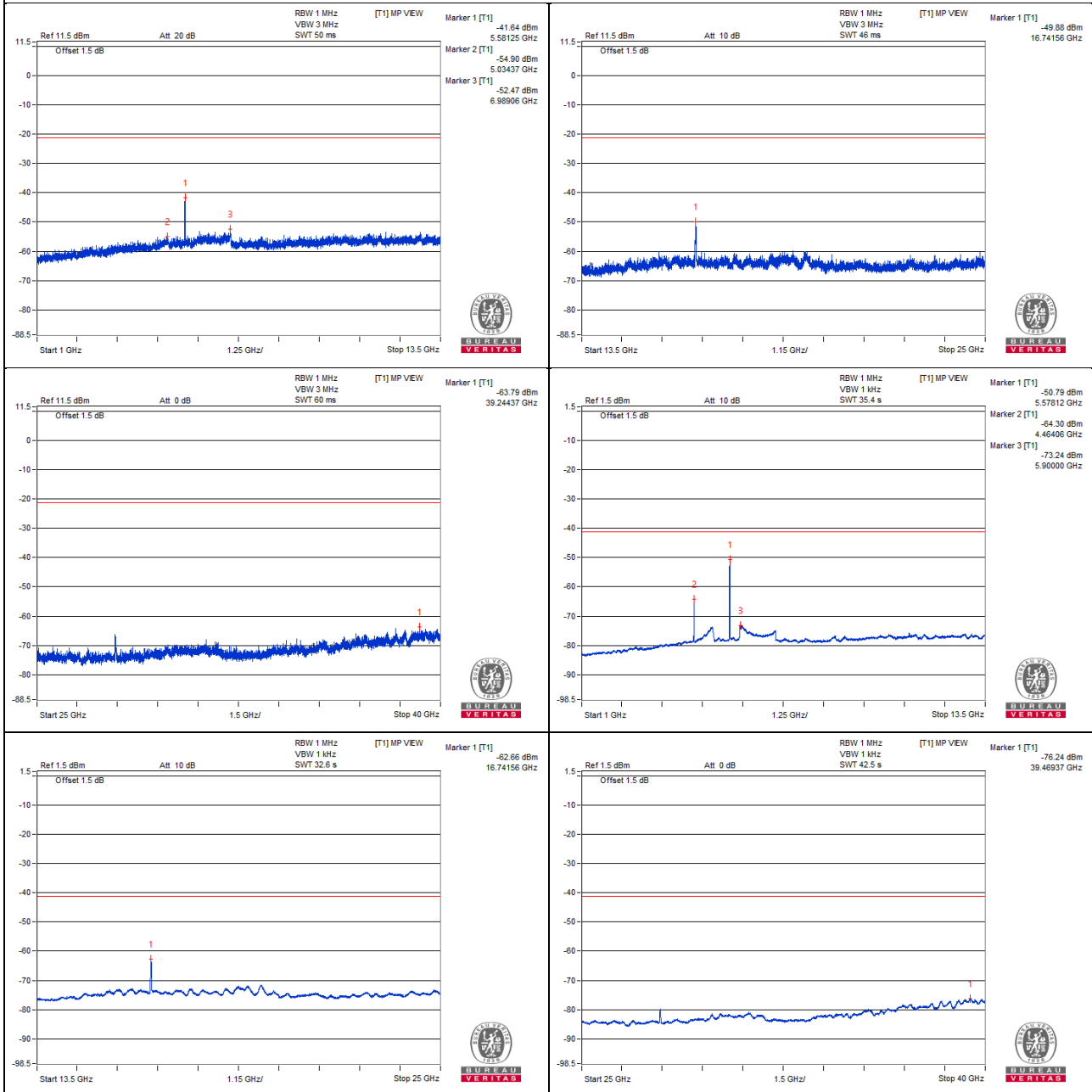
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5577.53 PK	115.57	*		11.37	8.94	20.31
2	5470 PK	59.19	68.2	-9.01	-45.01	8.94	-36.07
3	5436.81 PK	61.17	74	-12.83	-43.03	8.94	-34.09
4	5580.62 AV	103.85	*		-0.35	8.94	8.59
5	5470 AV	46.79	#		-57.41	8.94	-48.47
6	5468.43 AV	46.83	#		-57.37	8.94	-48.43

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

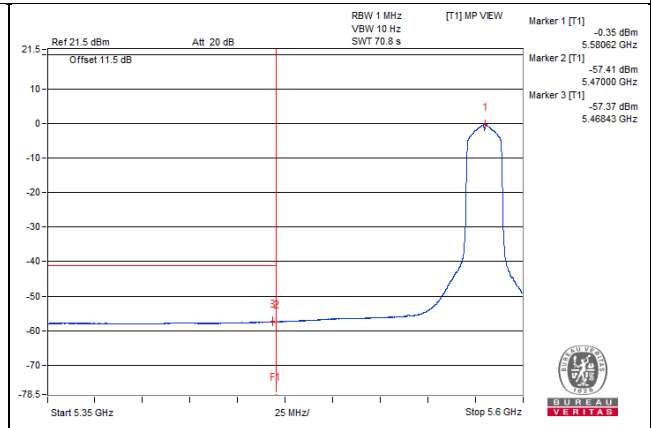
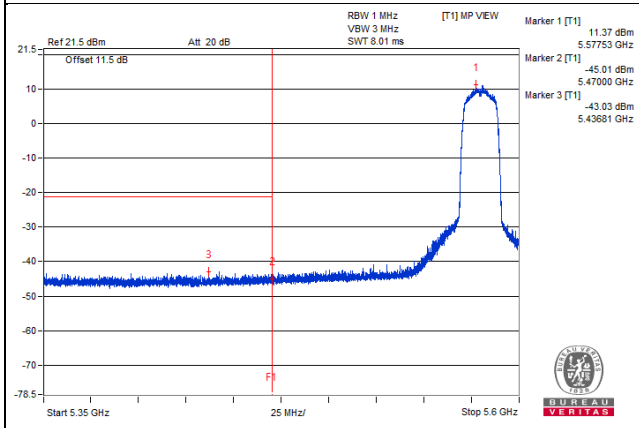
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5581.5 PK	115.43	*		9.94	10.23	20.17
2	5470 PK	59.43	68.2	-8.77	-46.06	10.23	-35.83
3	5457.28 PK	62.53	74	-11.47	-42.96	10.23	-32.73
4	5580.59 AV	104.5	*		-0.99	10.23	9.24
5	5470 AV	47.98	#		-57.51	10.23	-47.28
6	5468.84 AV	48.06	#		-57.43	10.23	-47.2

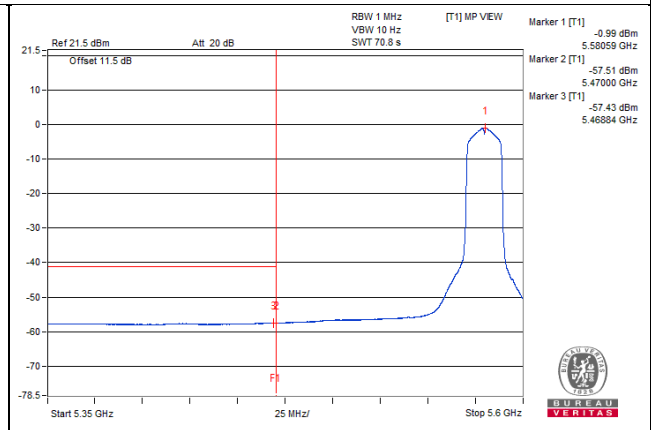
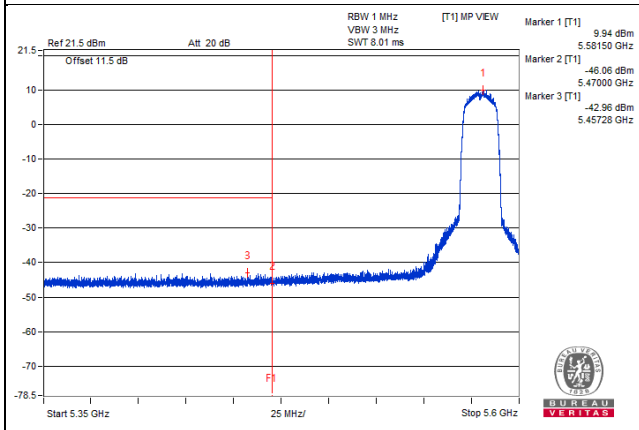
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



802.11ac (VHT20) - Channel 140

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5704.68 PK	51.85	*		-52.72	9.31	-43.41
2	4918.75 PK	49.35	74	-24.65	-55.22	9.31	-45.91
3	6940.62 PK	51.76	68.2	-16.44	-52.81	9.31	-43.5
4	17102.37 PK	47.4	68.2	-20.8	-57.17	9.31	-47.86
5	39030.62 PK	40.44	74	-33.56	-64.13	9.31	-54.82
6	6179.68 AV	42.14	#		-62.43	9.31	-53.12
7	5039.06 AV	28.43	54	-25.57	-76.14	9.31	-66.83
8	6179.68 AV	42.14	#		-62.43	9.31	-53.12
9	17098.06 AV	34.51	#		-70.06	9.31	-60.75
10	39452.5 AV	28.22	54	-25.78	-76.35	9.31	-67.04

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

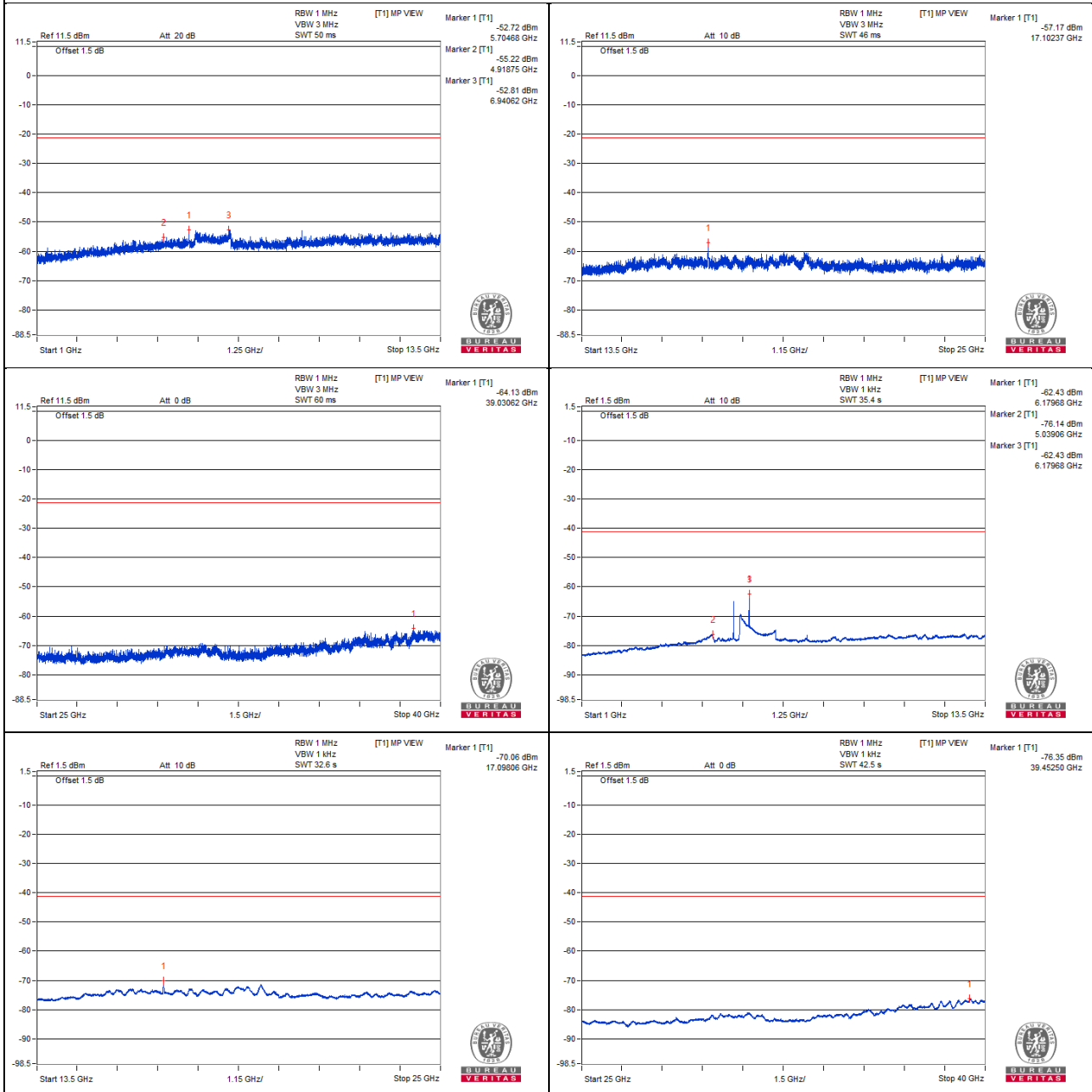
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5704.68 PK	57.49	*		-48	10.23	-37.77
2	4959.37 PK	50.23	74	-23.77	-55.26	10.23	-45.03
3	6984.37 PK	52.66	68.2	-15.54	-52.83	10.23	-42.6
4	17102.37 PK	47.02	68.2	-21.18	-58.47	10.23	-48.24
5	39649.37 PK	41.57	74	-32.43	-63.92	10.23	-53.69
6	5707.81 AV	47.21	*		-58.28	10.23	-48.05
7	4559.37 AV	32.77	54	-21.23	-72.72	10.23	-62.49
8	5900 AV	35.37	#		-70.12	10.23	-59.89
9	17099.5 AV	35.27	#		-70.22	10.23	-59.99
10	39484.37 AV	29.27	54	-24.73	-76.22	10.23	-65.99

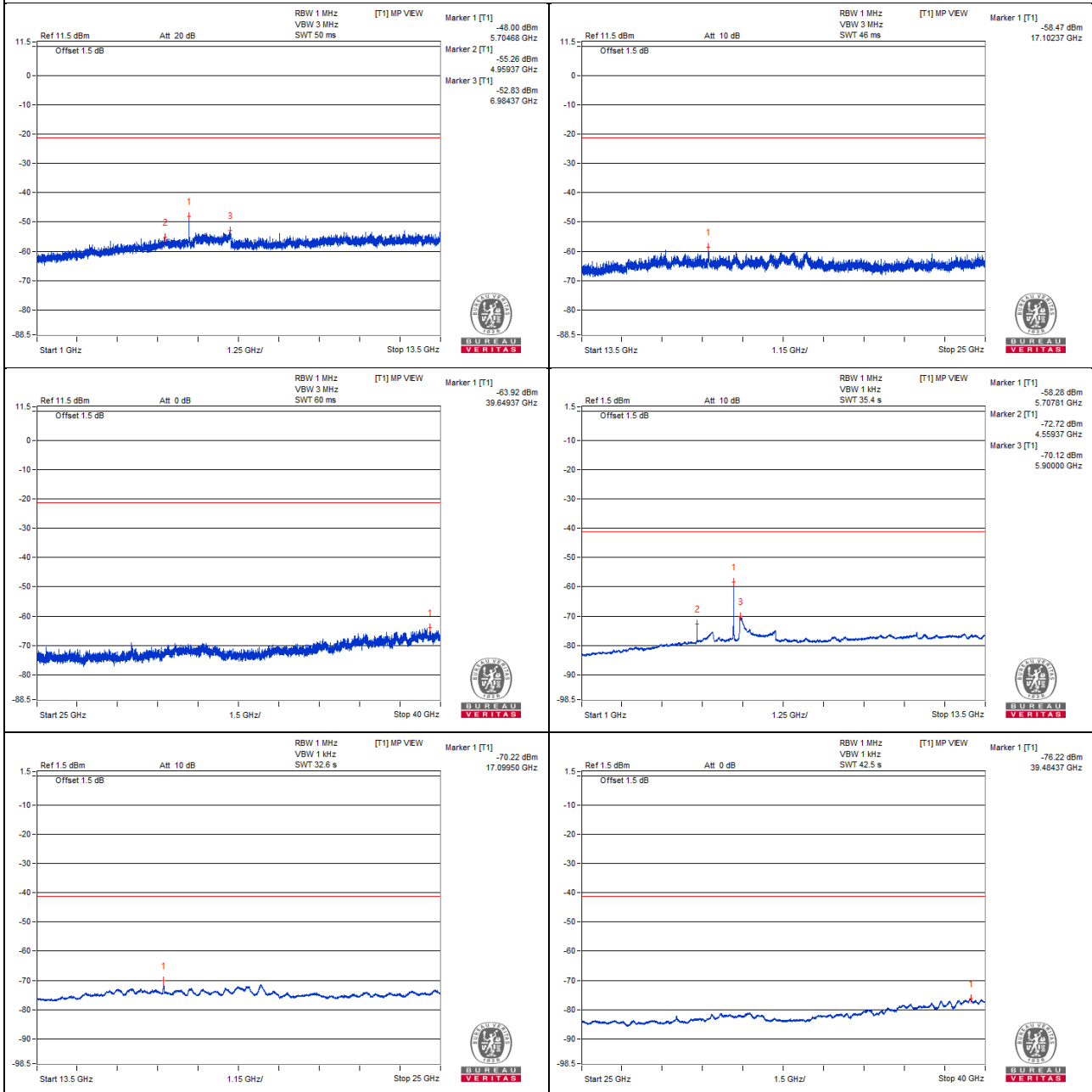
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5698.65 PK	112.64	*		8.44	8.94	17.38
2	5725 PK	61.34	68.2	-6.86	-42.86	8.94	-33.92
3	5729.15 PK	64.22	68.2	-3.98	-39.98	8.94	-31.04
4	5699.27 AV	101.36	*		-2.84	8.94	6.1
5	5725 AV	48.88	#		-55.32	8.94	-46.38
6	5725.02 AV	48.89	#		-55.31	8.94	-46.37

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

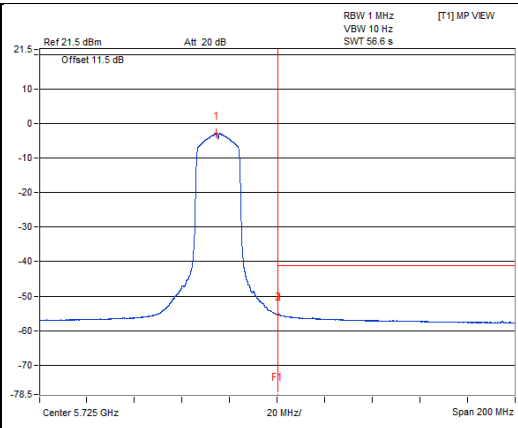
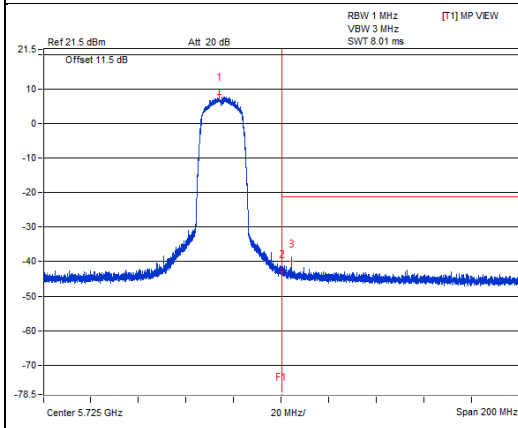
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5698.7 PK	114.1	*		8.61	10.23	18.84
2	5725 PK	61.5	68.2	-6.7	-43.99	10.23	-33.76
3	5730.57 PK	63.5	68.2	-4.7	-41.99	10.23	-31.76
4	5699.3 AV	103.11	*		-2.38	10.23	7.85
5	5725 AV	49.74	#		-55.75	10.23	-45.52
6	5725.05 AV	49.77	#		-55.72	10.23	-45.49

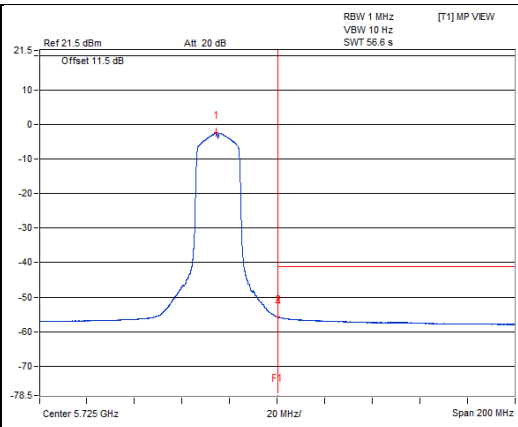
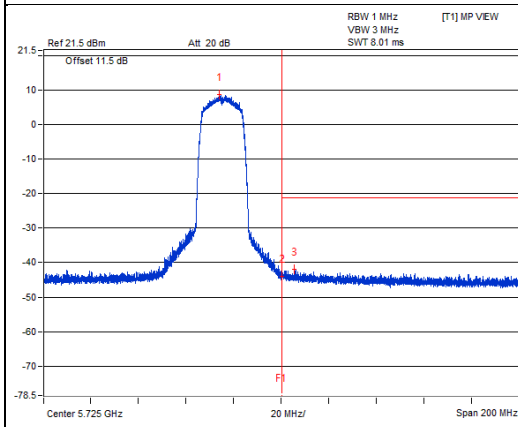
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



802.11ac (VHT20) - Channel 144

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5723.43 PK	59.54	*		-45.03	9.31	-35.72
2	5053.12 PK	49.15	74	-24.85	-55.42	9.31	-46.11
3	5910.93 PK	51.74	68.2	-16.46	-52.83	9.31	-43.52
4	17158.43 PK	46.44	68.2	-21.76	-58.13	9.31	-48.82
5	39501.25 PK	40.91	74	-33.09	-63.66	9.31	-54.35
6	5720.31 AV	50.38	*		-54.19	9.31	-44.88
7	4575 AV	33.24	54	-20.76	-71.33	9.31	-62.02
8	6200 AV	41.54	#		-63.03	9.31	-53.72
9	17162.75 AV	34.25	#		-70.32	9.31	-61.01
10	39490 AV	28.43	54	-25.57	-76.14	9.31	-66.83

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

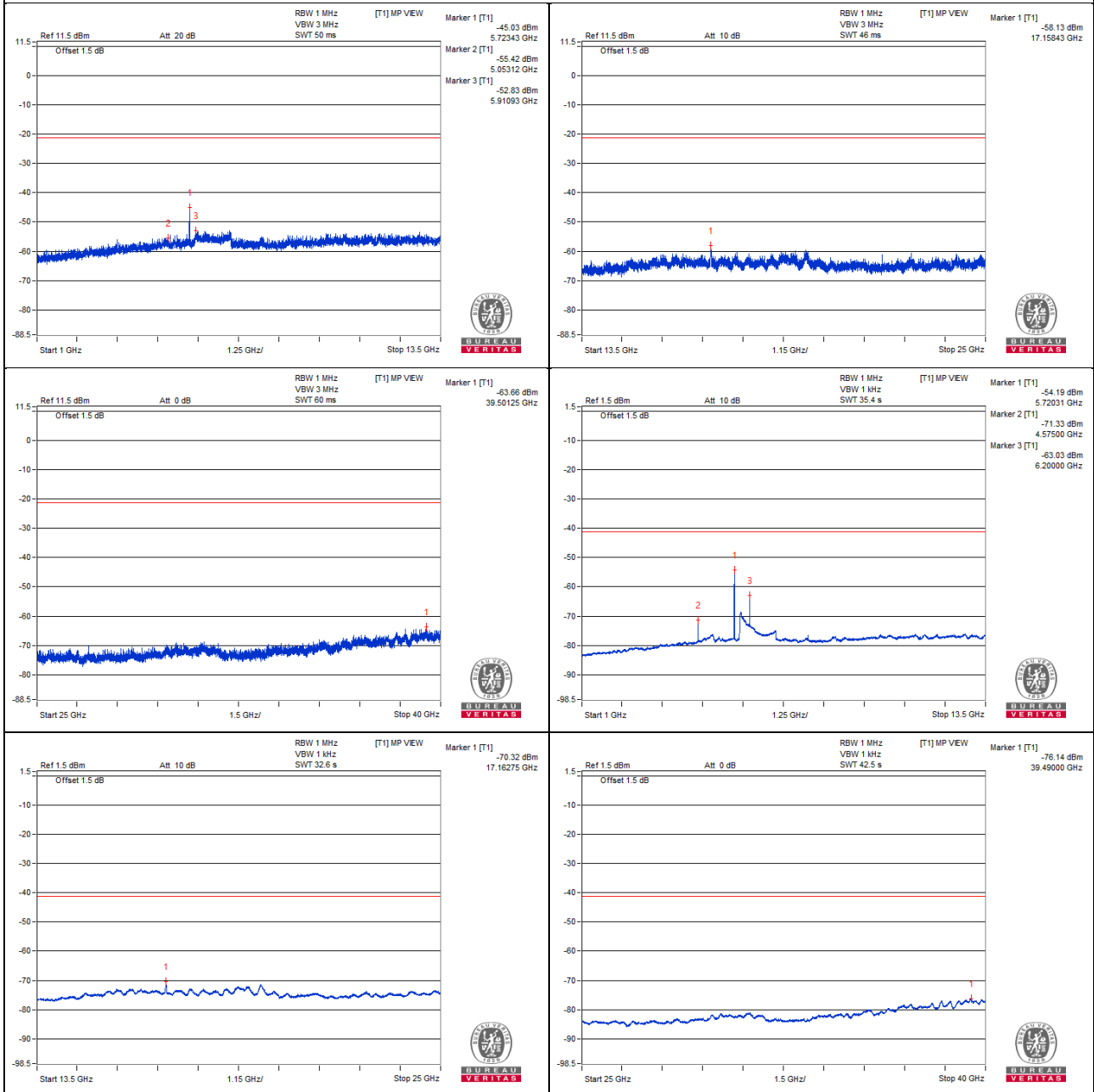
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5721.87 PK	64.5	*		-40.99	10.23	-30.76
2	5053.12 PK	51.24	74	-22.76	-54.25	10.23	-44.02
3	6945.31 PK	52.39	68.2	-15.81	-53.1	10.23	-42.87
4	17161.31 PK	59.34	68.2	-8.86	-46.15	10.23	-35.92
5	39460 PK	42.47	74	-31.53	-63.02	10.23	-52.79
6	5720.31 AV	55.21	*		-50.28	10.23	-40.05
7	4575 AV	37.89	54	-16.11	-67.6	10.23	-57.37
8	5906.25 AV	36.07	#		-69.42	10.23	-59.19
9	17158.43 AV	46.23	#		-59.26	10.23	-49.03
10	39482.5 AV	29.28	54	-24.72	-76.21	10.23	-65.98

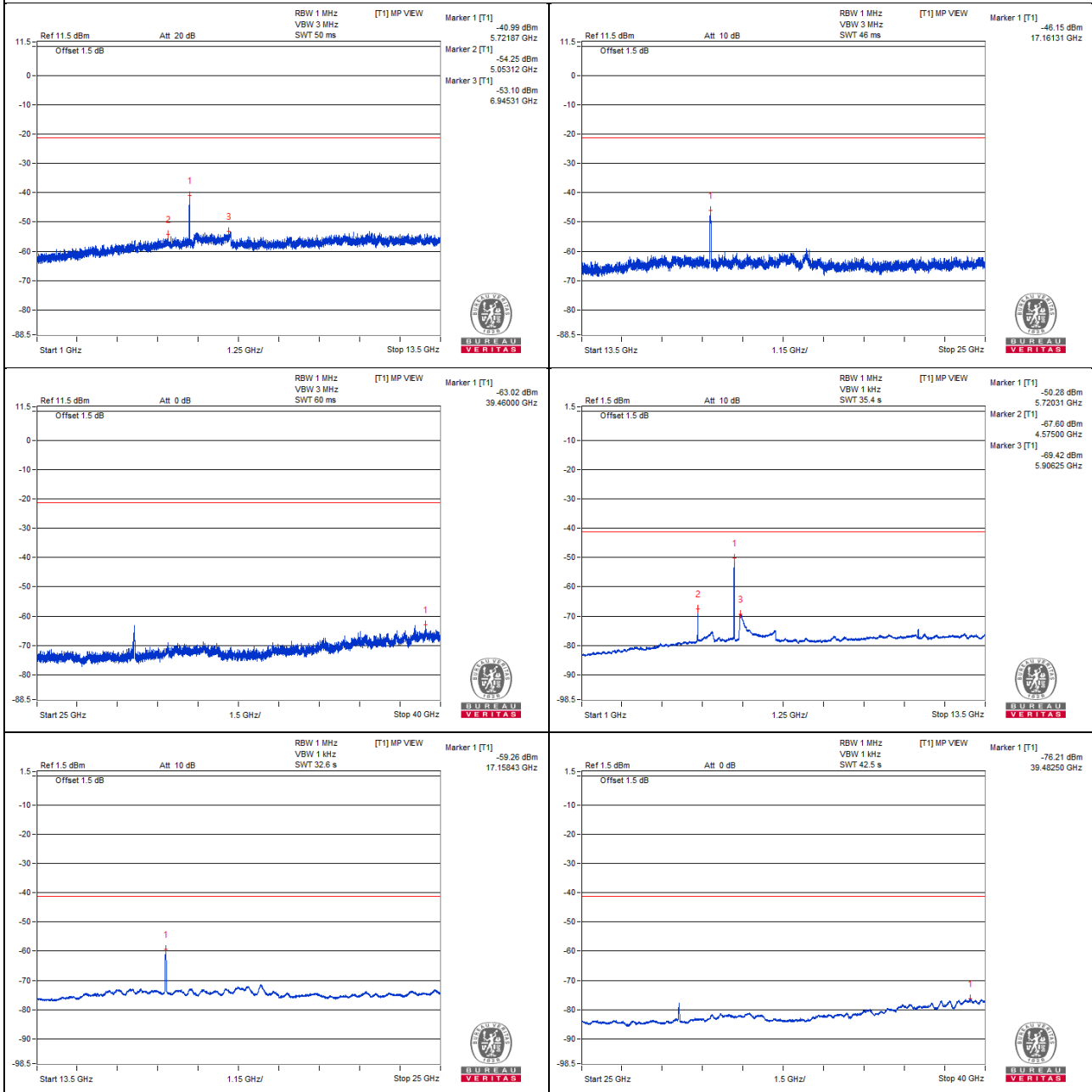
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5718.66 PK	114.84	*		10.27	9.31	19.58
2	5850 PK	59.4	68.2	-8.8	-45.17	9.31	-35.86
3	5852.68 PK	61.59	68.2	-6.61	-42.98	9.31	-33.67
4	5720.61 AV	103.93	*		-0.64	9.31	8.67
5	5850 AV	47.38	#		-57.19	9.31	-47.88
6	5878.45 AV	47.51	#		-57.06	9.31	-47.75

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

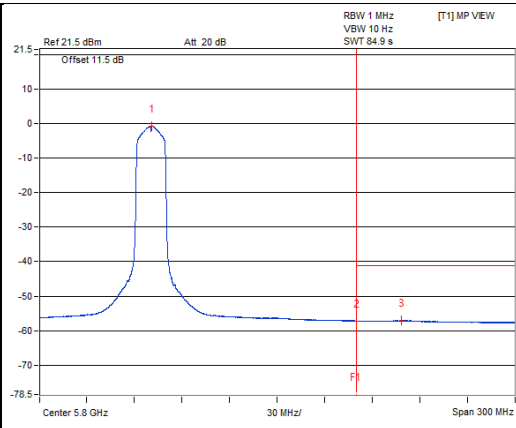
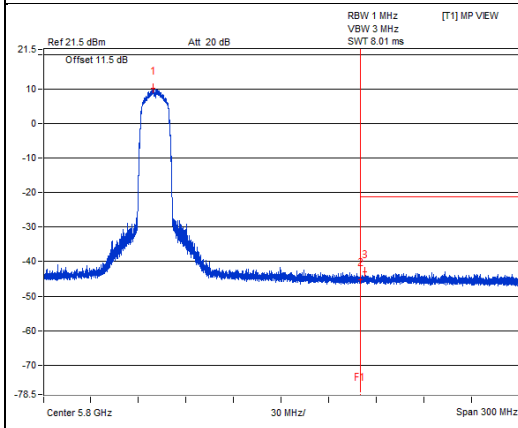
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5721.28 PK	115.36	*		9.94	10.16	20.1
2	5850 PK	60.41	68.2	-7.79	-45.01	10.16	-34.85
3	5916.62 PK	62.69	68.2	-5.51	-42.73	10.16	-32.57
4	5719.3 AV	104.56	*		-0.86	10.16	9.3
5	5850 AV	47.94	#		-57.48	10.16	-47.32
6	5878.82 AV	48.12	#		-57.3	10.16	-47.14

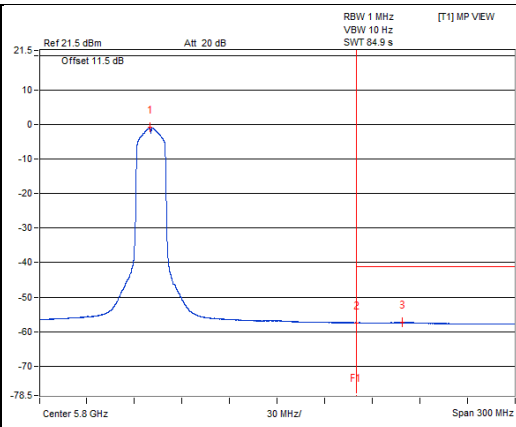
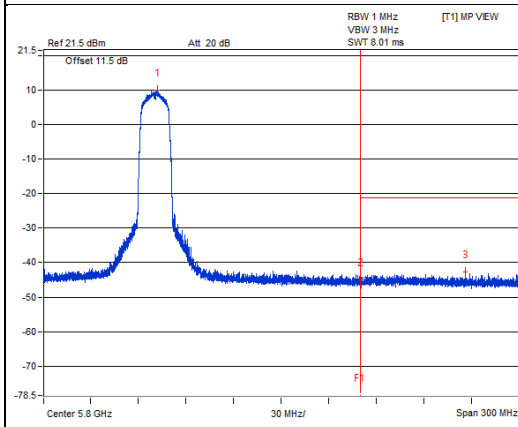
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



802.11ac (VHT20) – Channel 149
Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5739.06 PK	55.98	*		-48.59	9.31	-39.28
2	4773.43 PK	49.13	74	-24.87	-55.44	9.31	-46.13
3	5975 PK	53.33	68.2	-14.87	-51.24	9.31	-41.93
4	17234.62 PK	48.48	68.2	-19.72	-56.09	9.31	-46.78
5	39671.87 PK	41.5	74	-32.5	-63.07	9.31	-53.76
6	5737.5 AV	46.15	*		-58.42	9.31	-49.11
7	4595.31 AV	29.57	54	-24.43	-75	9.31	-65.69
8	6225 AV	43.44	#		-61.13	9.31	-51.82
9	17237.5 AV	36.92	#		-67.65	9.31	-58.34
10	39450.62 AV	28.16	54	-25.84	-76.41	9.31	-67.1

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

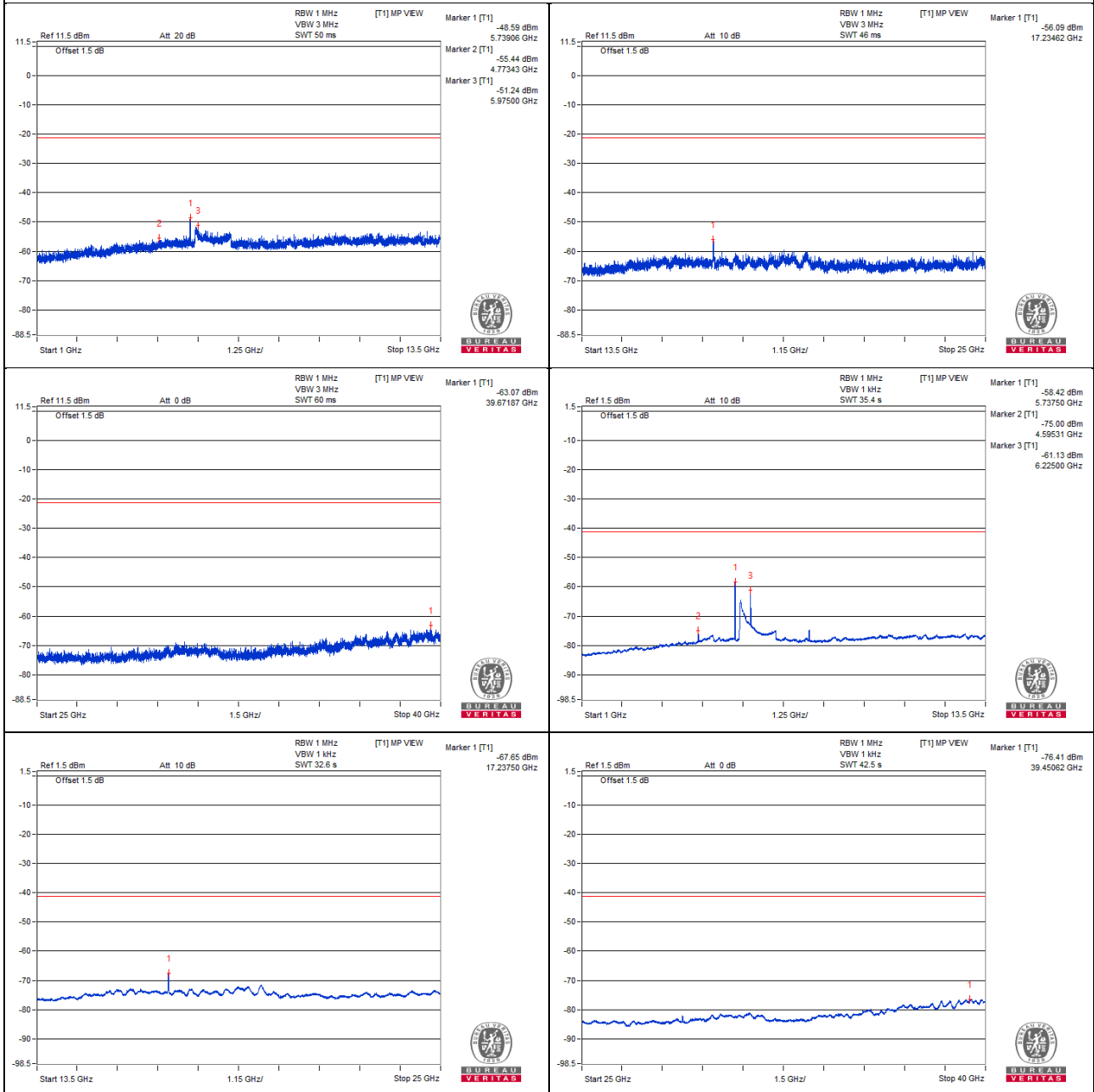
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5742.18 PK	56.9	*		-48.59	10.23	-38.36
2	5015.62 PK	51.1	74	-22.9	-54.39	10.23	-44.16
3	5892.18 PK	53.16	68.2	-15.04	-52.33	10.23	-42.1
4	17226 PK	53.47	68.2	-14.73	-52.02	10.23	-41.79
5	39298.75 PK	41.95	74	-32.05	-63.54	10.23	-53.31
6	5737.5 AV	46.45	*		-59.04	10.23	-48.81
7	4595.31 AV	31.83	54	-22.17	-73.66	10.23	-63.43
8	5903.12 AV	39.74	#		-65.75	10.23	-55.52
9	17231.75 AV	41.05	#		-64.44	10.23	-54.21
10	39463.75 AV	29.31	54	-24.69	-76.18	10.23	-65.95

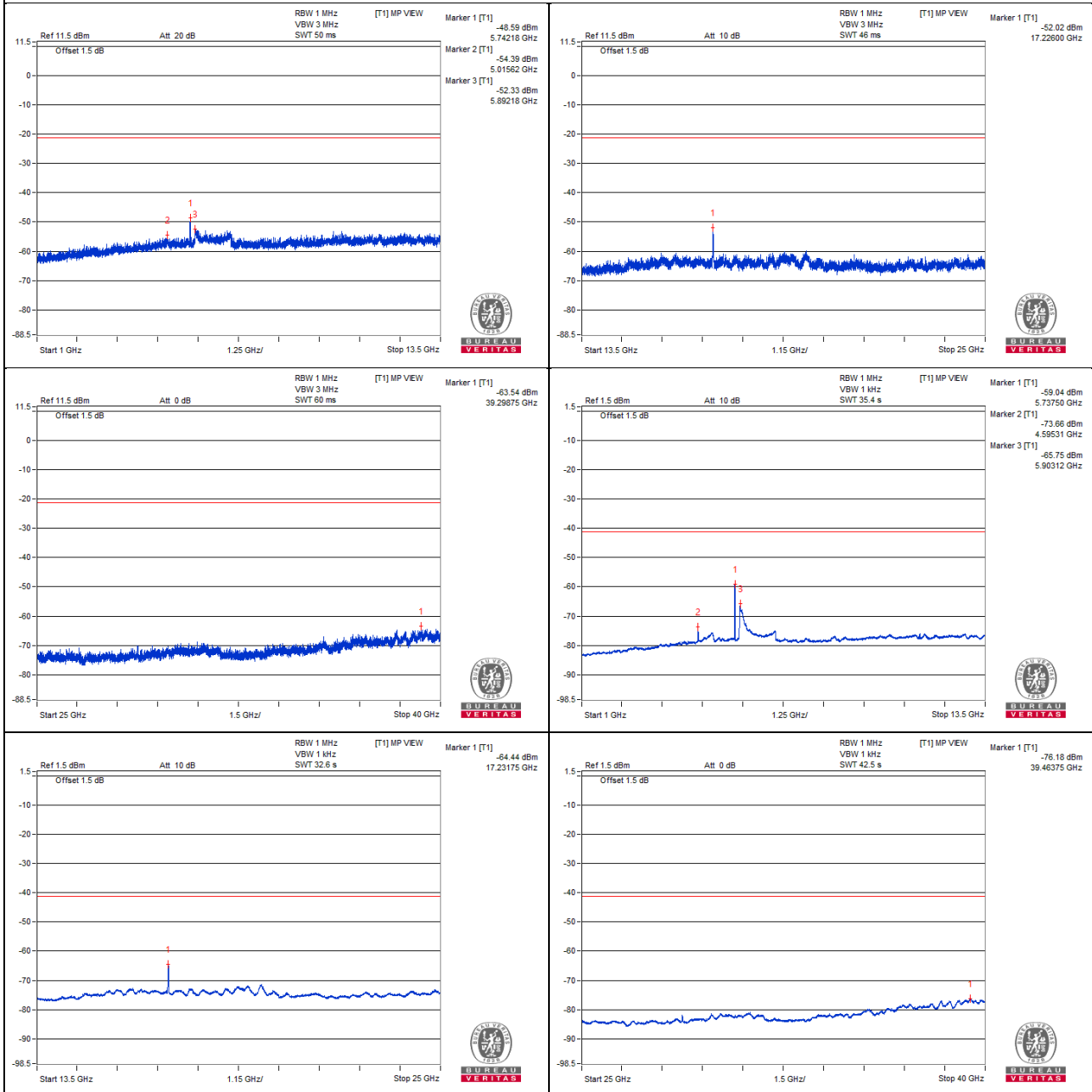
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0

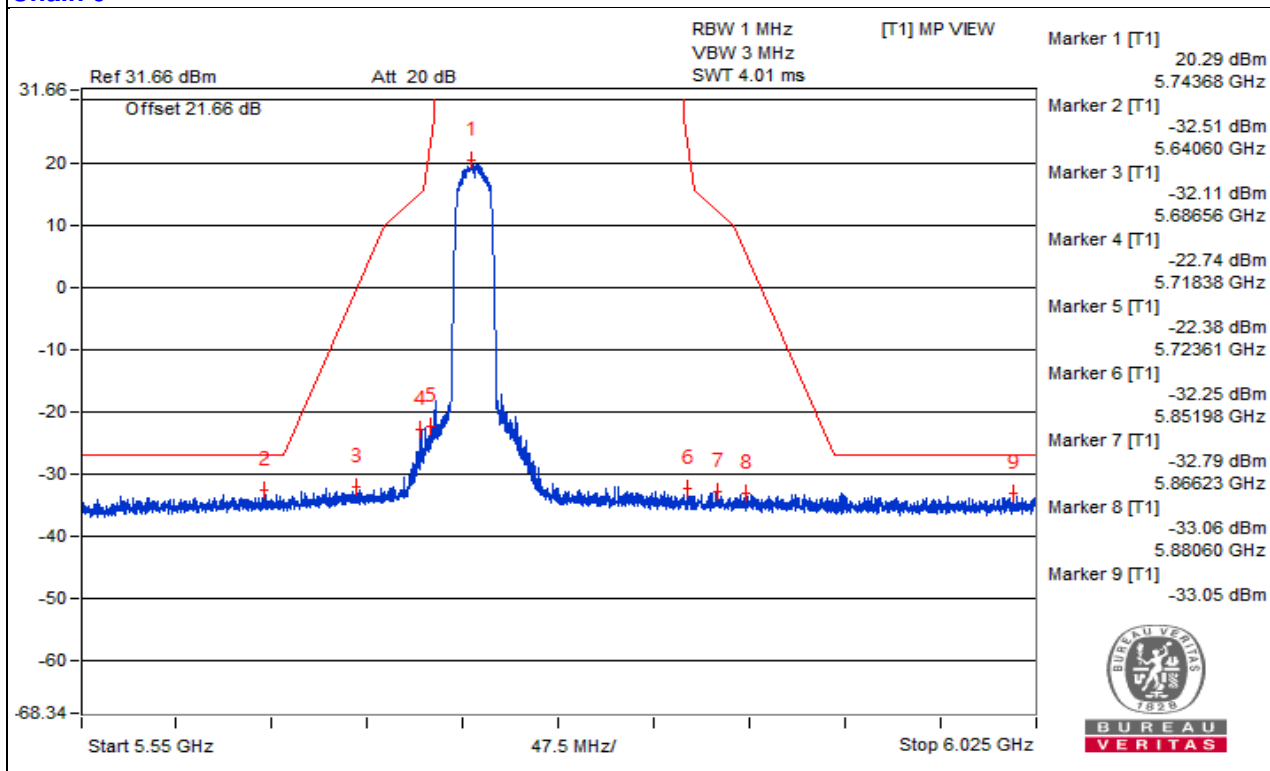


Chain 1

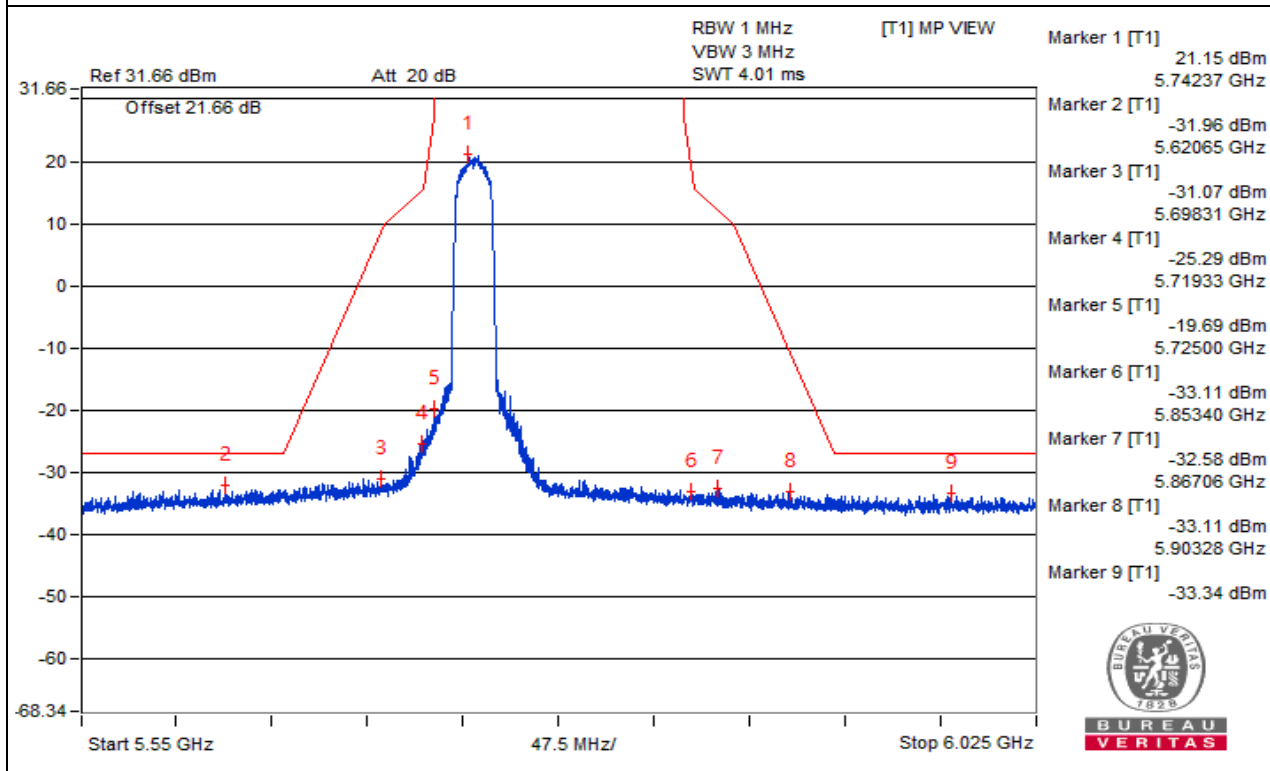


Bandedge table

Chain 0



Chain 1



Note:

1. The offset including attenuator (10dB), cable loss (1.5 dB), antenna gain (7.15 dBi) and $10\log_2(3.01\text{dB})$.
2. The test results were EIRP.

802.11ac (VHT20) – Channel 157

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5934.37 PK	53.92	68.2	-14.28	-50.65	9.31	-41.34
2	5051.56 PK	48.62	74	-25.38	-55.95	9.31	-46.64
3	5934.37 PK	53.92	68.2	-14.28	-50.65	9.31	-41.34
4	19889.68 PK	44.7	74	-29.3	-59.87	9.31	-50.56
5	39908.12 PK	40.15	74	-33.85	-64.42	9.31	-55.11
6	5781.25 AV	42.94	*		-61.63	9.31	-52.32
7	4628.12 AV	34.19	54	-19.81	-70.38	9.31	-61.07
8	5781.25 AV	42.94	*		-61.63	9.31	-52.32
9	19873.87 AV	33.11	54	-20.89	-71.46	9.31	-62.15
10	39484.37 AV	28.32	54	-25.68	-76.25	9.31	-66.94

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

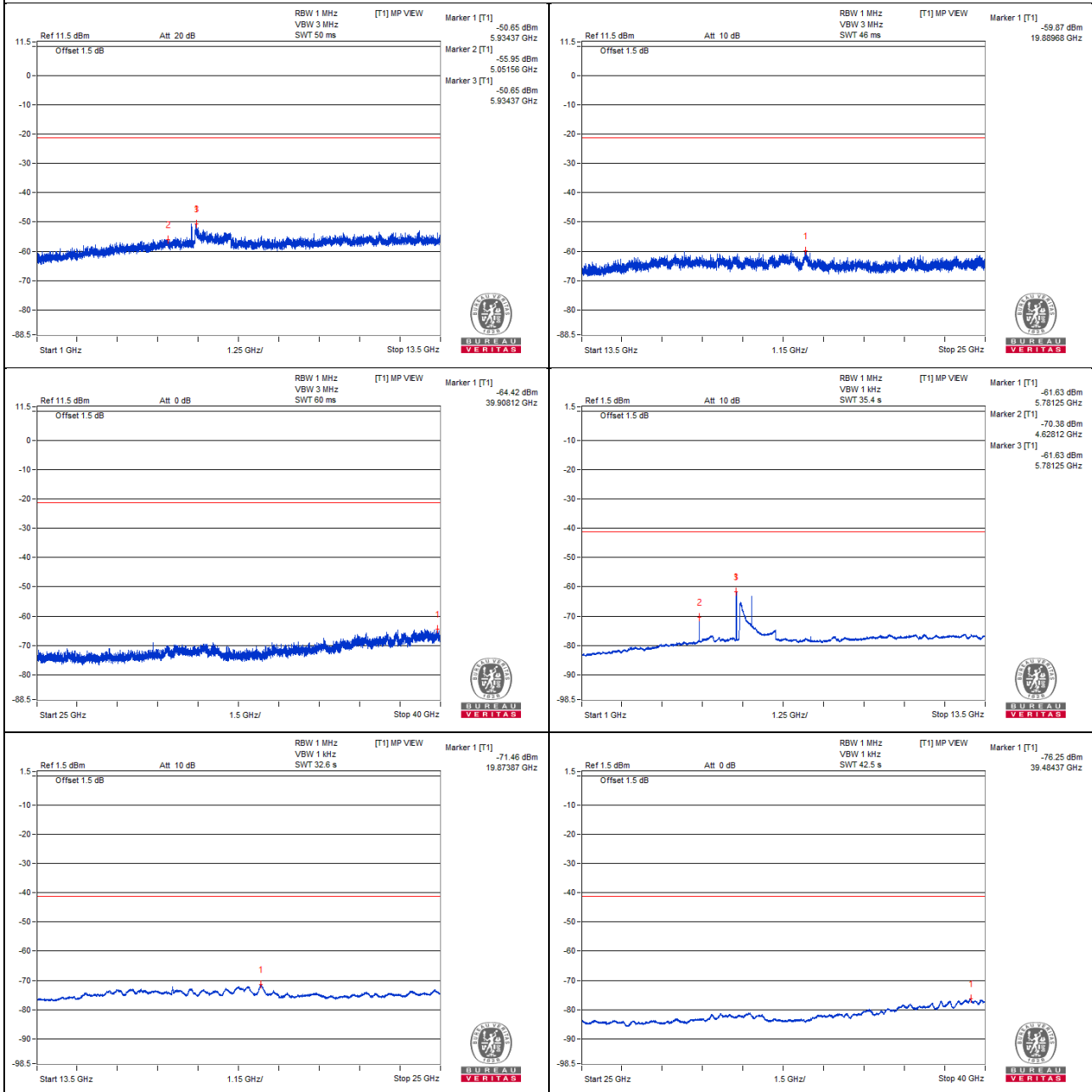
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5784.37 PK	56.69	*		-48.8	10.23	-38.57
2	4940.62 PK	50.56	74	-23.44	-54.93	10.23	-44.7
3	5784.37 PK	56.69	*		-48.8	10.23	-38.57
4	17348.18 PK	52.41	68.2	-15.79	-53.08	10.23	-42.85
5	39512.5 PK	42.16	74	-31.84	-63.33	10.23	-53.1
6	5781.25 AV	46.64	*		-58.85	10.23	-48.62
7	4628.12 AV	38.76	54	-15.24	-66.73	10.23	-56.5
8	5781.25 AV	46.64	*		-58.85	10.23	-48.62
9	17356.81 AV	40.24	#		-65.25	10.23	-55.02
10	39473.12 AV	29.34	54	-24.66	-76.15	10.23	-65.92

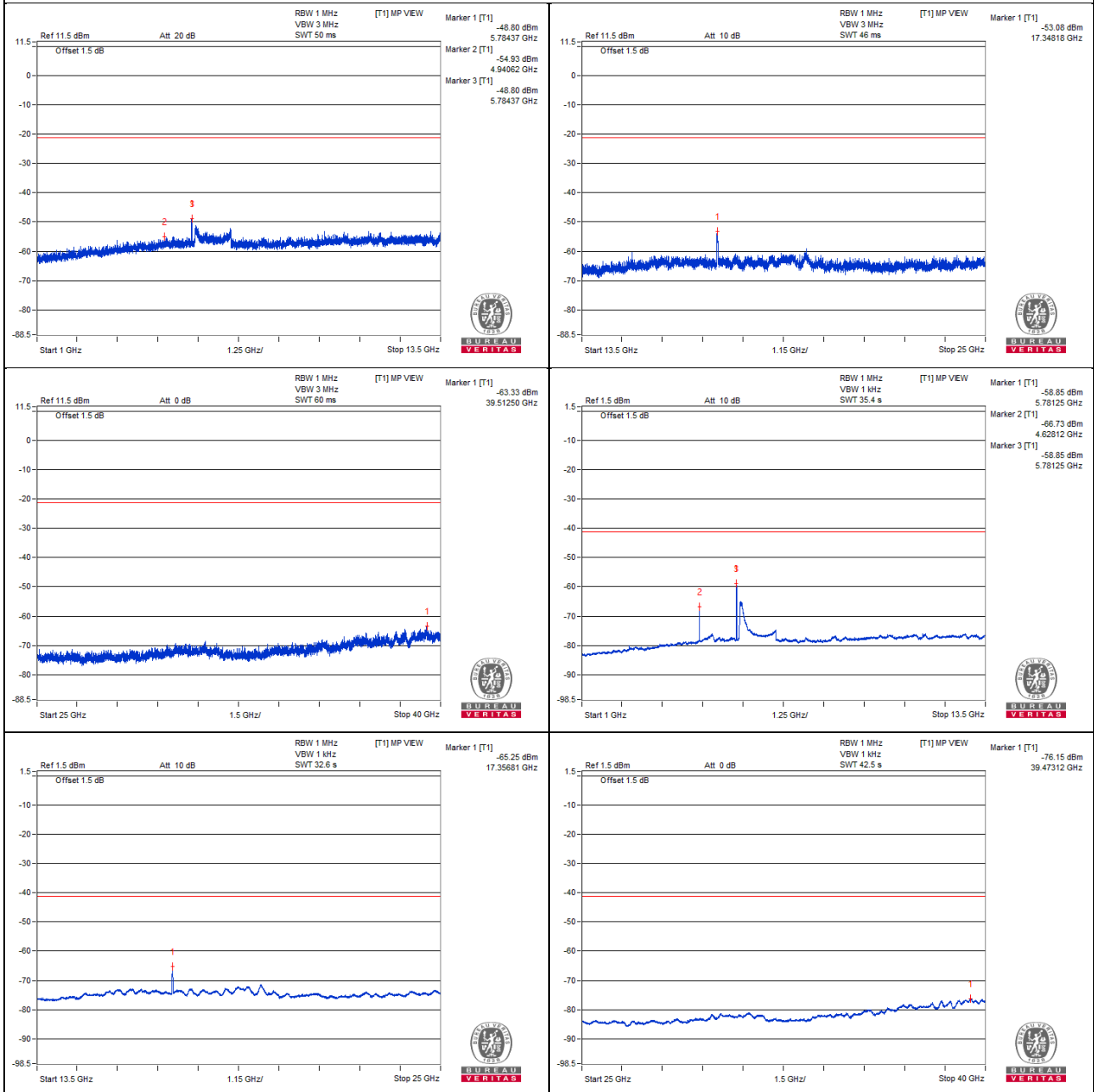
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0

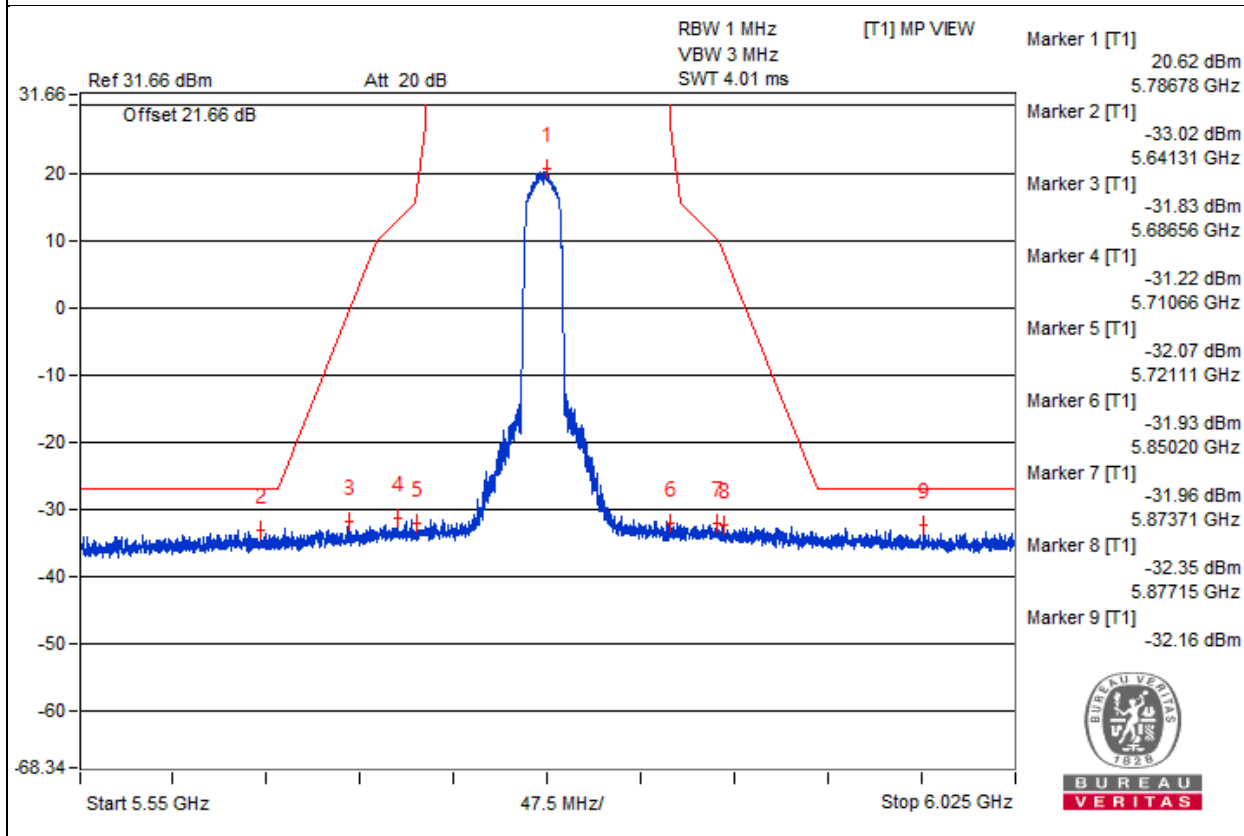


Chain 1

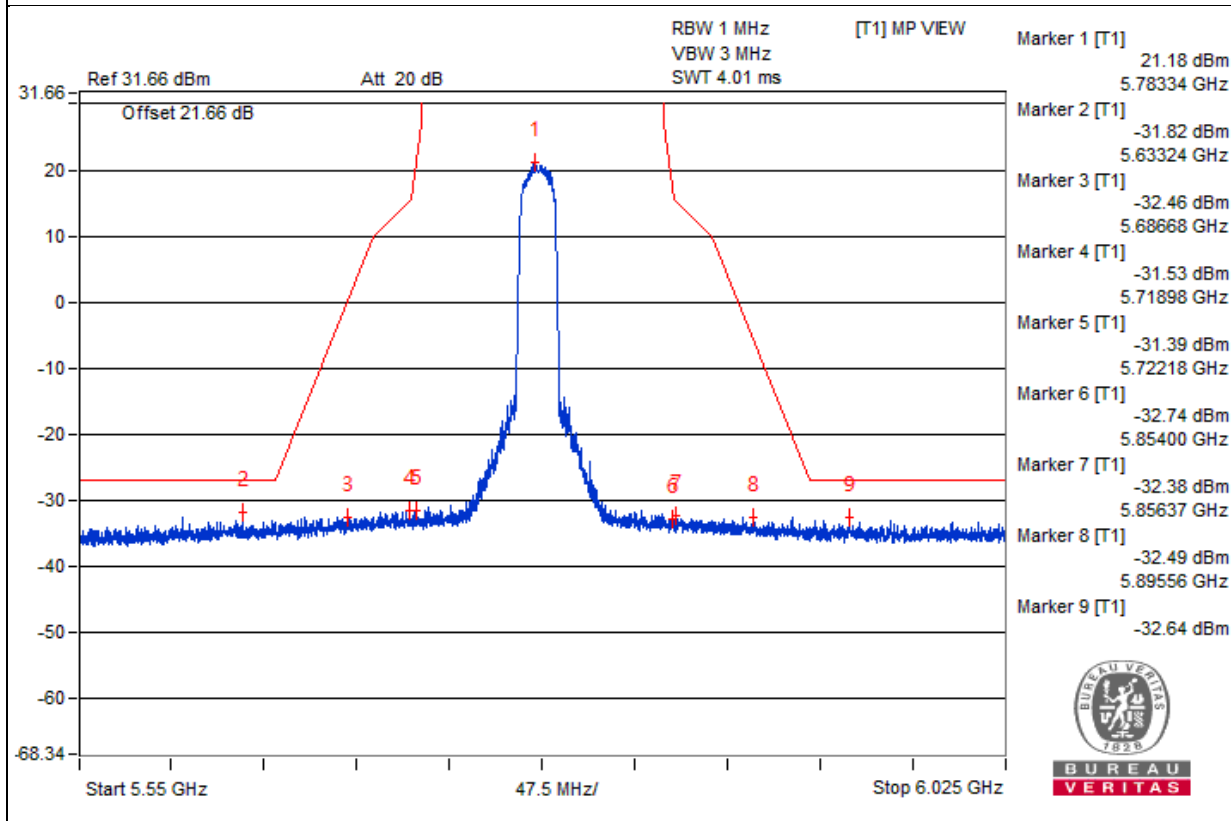


Bandedge table

Chain 0



Chain 1



Note:

1. The offset including attenuator (10dB), cable loss (1.5 dB), antenna gain (7.15 dBi) and 10log2 (3.01dB).
2. The test results were EIRP.

802.11ac (VHT20) – Channel 165

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5818.75 PK	55.31	*		-49.26	9.31	-39.95
2	5070.31 PK	49.2	74	-24.8	-55.37	9.31	-46.06
3	5818.75 PK	55.31	*		-49.26	9.31	-39.95
4	17466.06 PK	44.6	68.2	-23.6	-59.97	9.31	-50.66
5	38972.5 PK	40.34	74	-33.66	-64.23	9.31	-54.92
6	5818.75 AV	44.62	*		-59.95	9.31	-50.64
7	4659.37 AV	31.93	54	-22.07	-72.64	9.31	-63.33
8	5818.75 AV	44.62	*		-59.95	9.31	-50.64
9	17470.37 AV	34.12	#		-70.45	9.31	-61.14
10	39454.37 AV	28.17	54	-25.83	-76.4	9.31	-67.09

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

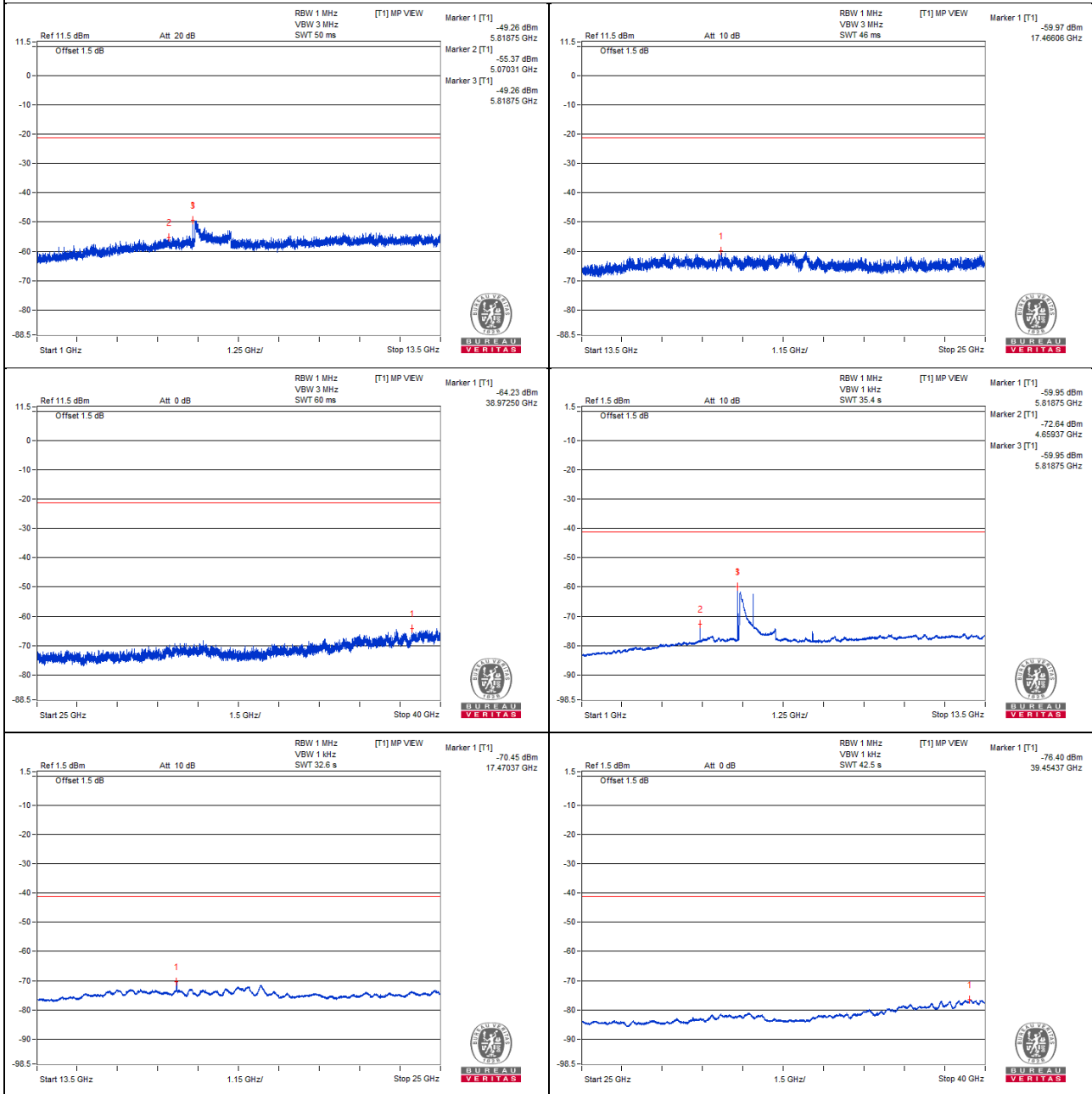
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5821.87 PK	56.88	*		-48.61	10.23	-38.38
2	5029.68 PK	50.55	74	-23.45	-54.94	10.23	-44.71
3	5821.87 PK	56.88	*		-48.61	10.23	-38.38
4	18928 PK	45.7	74	-28.3	-59.79	10.23	-49.56
5	39463.75 PK	41.19	74	-32.81	-64.3	10.23	-54.07
6	5818.75 AV	45.67	*		-59.82	10.23	-49.59
7	4659.37 AV	37.99	54	-16.01	-67.5	10.23	-57.27
8	5818.75 AV	45.67	*		-59.82	10.23	-49.59
9	19885.37 AV	34.01	54	-19.99	-71.48	10.23	-61.25
10	39480.62 AV	29.33	54	-24.67	-76.16	10.23	-65.93

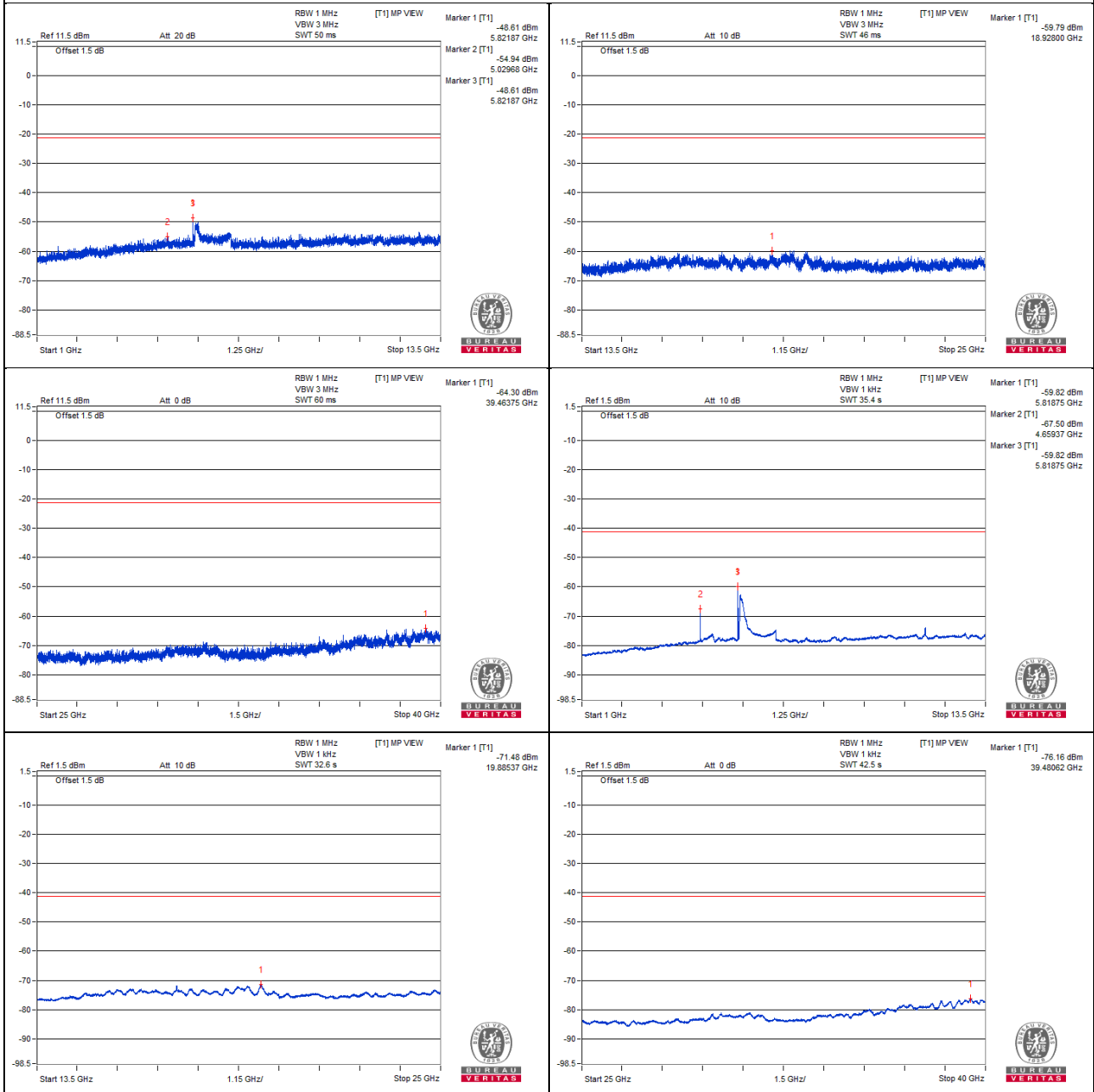
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

Chain 0

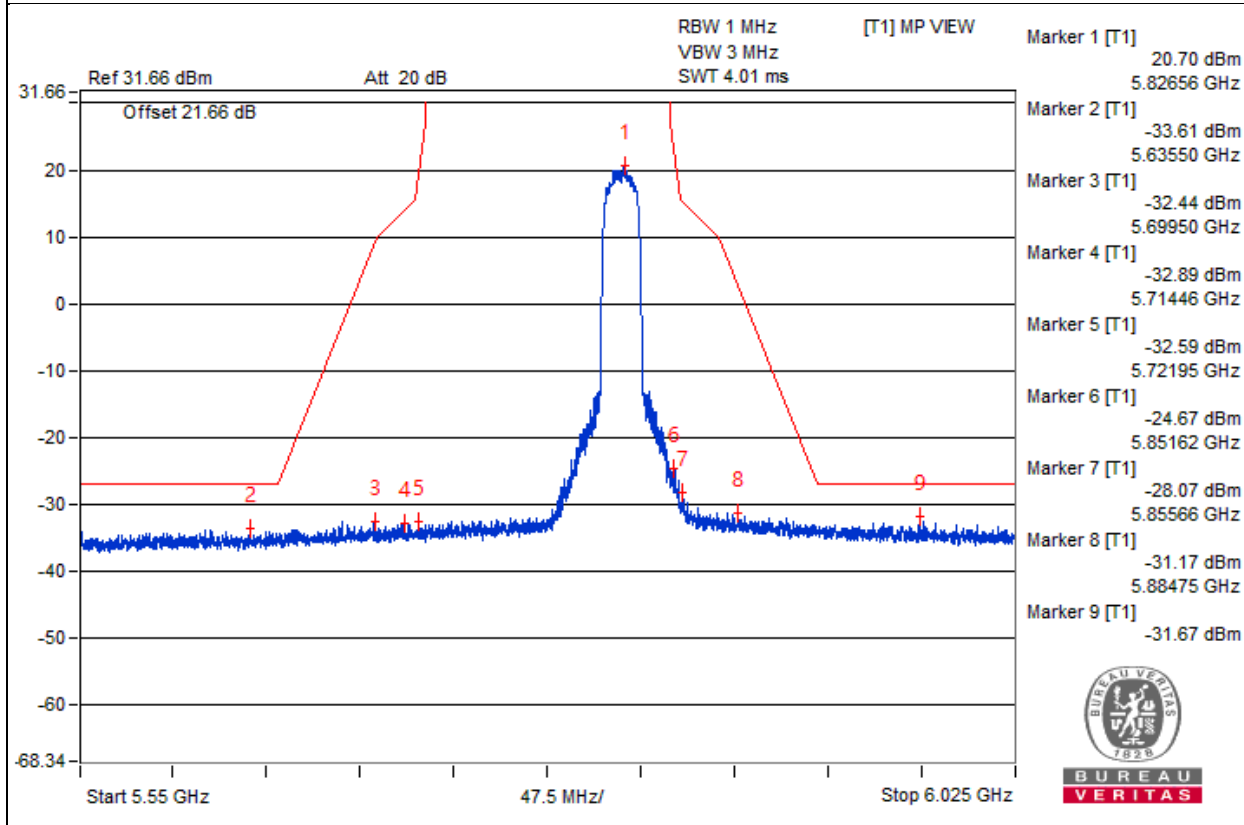


Chain 1

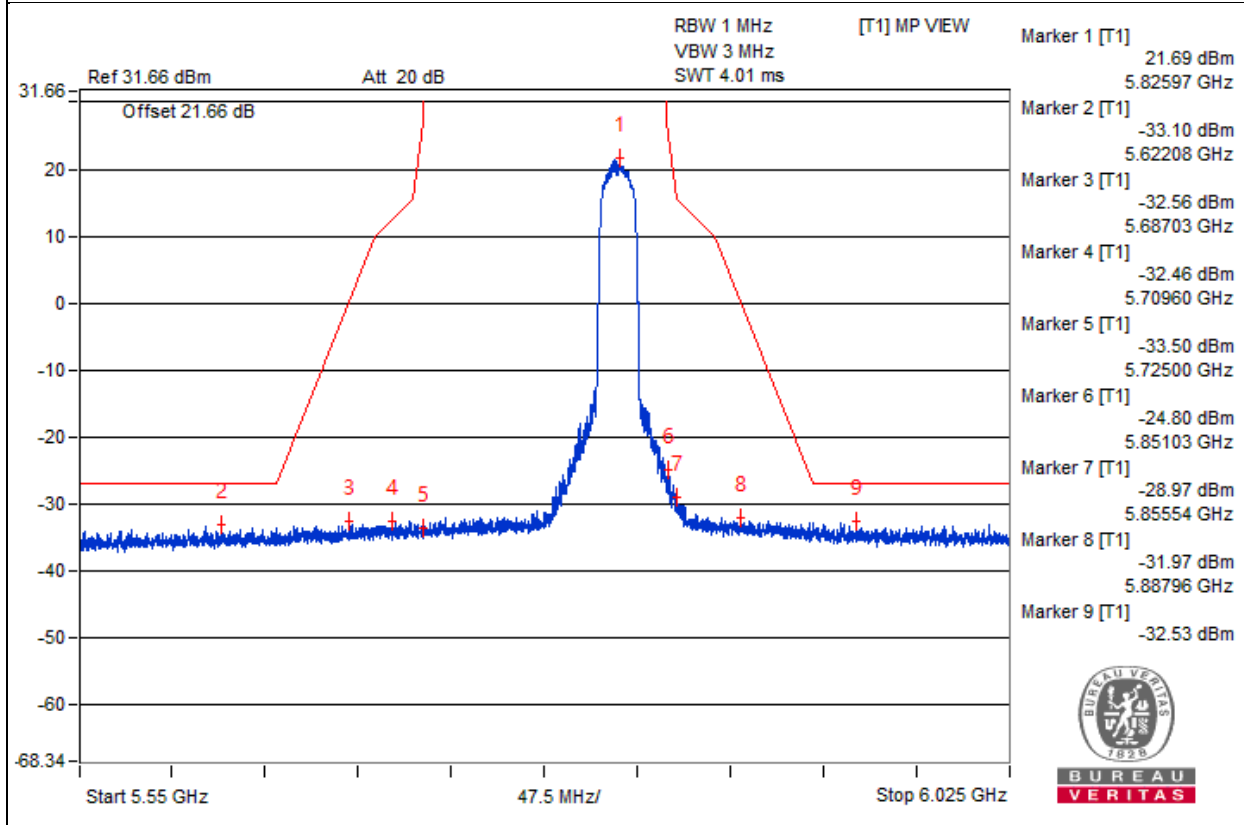


Bandedge table

Chain 0



Chain 1



Note:

1. The offset including attenuator (10dB), cable loss (1.5 dB), antenna gain (7.15 dBi) and $10\log_2$ (3.01dB).
2. The test results were EIRP.

802.11ac (VHT40) - Channel 38

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5185.93 PK	56.82	*		-47.75	9.31	-38.44
2	5001.56 PK	52.57	74	-21.43	-52	9.31	-42.69
3	6975 PK	52.6	68.2	-15.6	-51.97	9.31	-42.66
4	19898.31 PK	45.06	74	-28.94	-59.51	9.31	-50.2
5	39085 PK	40.95	74	-33.05	-63.62	9.31	-54.31
6	5185.93 AV	46.74	*		-57.83	9.31	-48.52
7	4709.37 AV	39.22	54	-14.78	-65.35	9.31	-56.04
8	8304.68 AV	36.95	54	-17.05	-67.62	9.31	-58.31
9	19889.68 AV	33.12	54	-20.88	-71.45	9.31	-62.14
10	39476.87 AV	28.33	54	-25.67	-76.24	9.31	-66.93

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

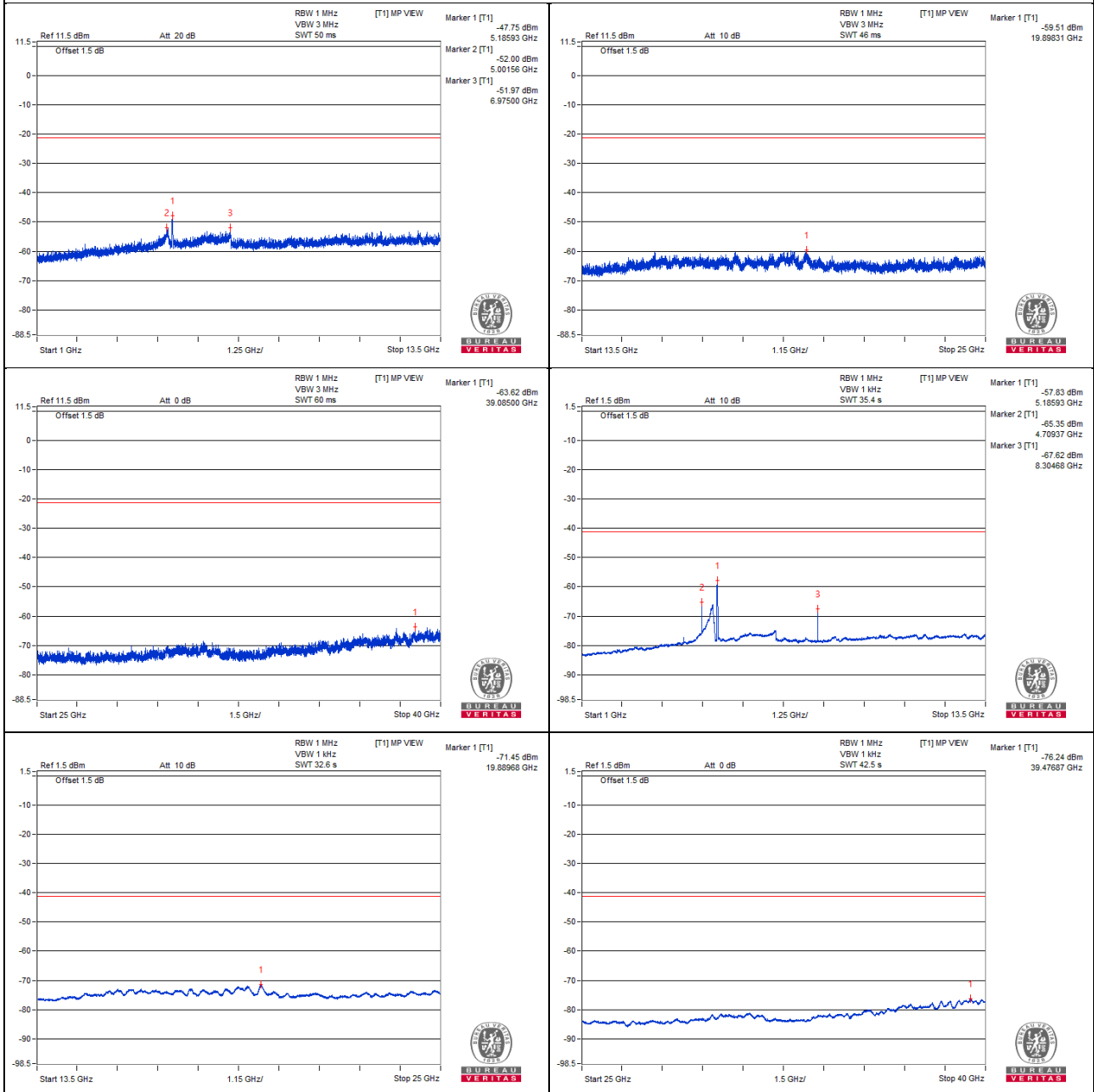
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5181.25 PK	59.07	*		-46.42	10.23	-36.19
2	5031.25 PK	54.93	74	-19.07	-50.56	10.23	-40.33
3	6964.06 PK	52.64	68.2	-15.56	-52.85	10.23	-42.62
4	19537.5 PK	45.77	74	-28.23	-59.72	10.23	-49.49
5	39898.75 PK	41.39	74	-32.61	-64.1	10.23	-53.87
6	5182.81 AV	49.36	*		-56.13	10.23	-45.9
7	5037.5 AV	41.43	54	-12.57	-64.06	10.23	-53.83
8	6990.62 AV	30.56	#		-74.93	10.23	-64.7
9	19894 AV	34.06	54	-19.94	-71.43	10.23	-61.2
10	39491.87 AV	29.17	54	-24.83	-76.32	10.23	-66.09

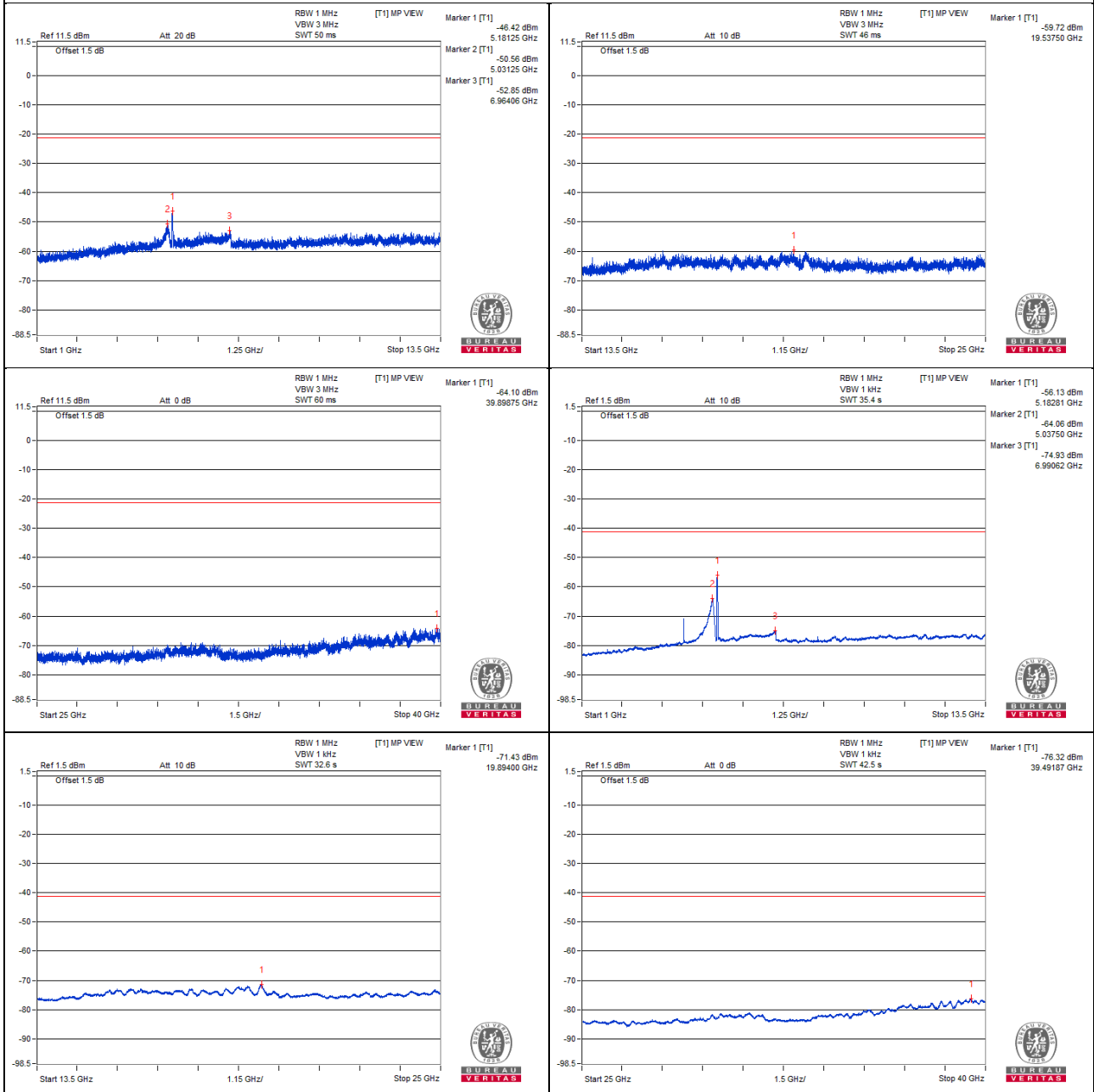
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5196.15 PK	110.75	*		6.88	8.61	15.49
2	5150 PK	62.53	74	-11.47	-41.34	8.61	-32.73
3	5149.37 PK	63.87	74	-10.13	-40	8.61	-31.39
4	5188.45 AV	99.26	*		-4.61	8.61	4
5	5150 AV	49.83	54	-4.17	-54.04	8.61	-45.43
6	5149.42 AV	49.98	54	-4.02	-53.89	8.61	-45.28

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

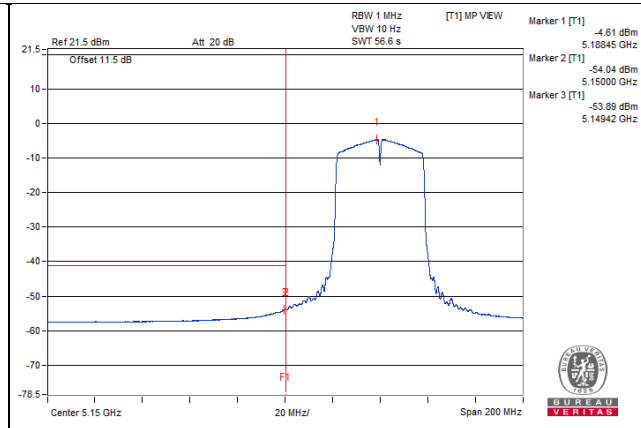
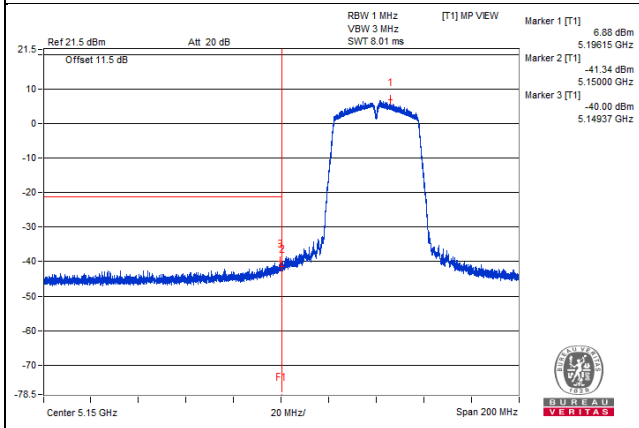
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5192.15 PK	109.49	*		6.75	7.48	14.23
2	5150 PK	59.97	74	-14.03	-42.77	7.48	-35.29
3	5148.9 PK	61.44	74	-12.56	-41.3	7.48	-33.82
4	5191.42 AV	97.72	*		-5.02	7.48	2.46
5	5150 AV	47.68	54	-6.32	-55.06	7.48	-47.58
6	5149.35 AV	47.93	54	-6.07	-54.81	7.48	-47.33

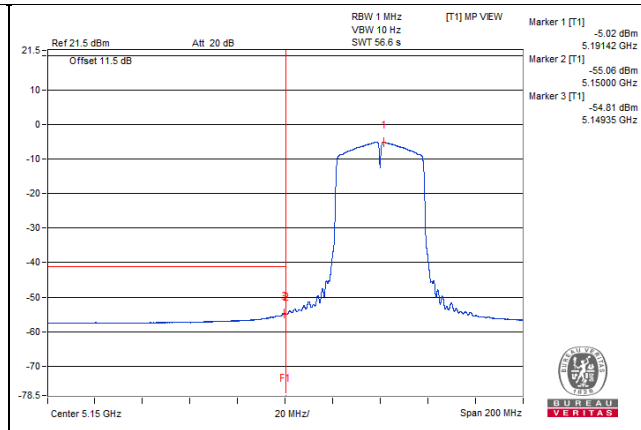
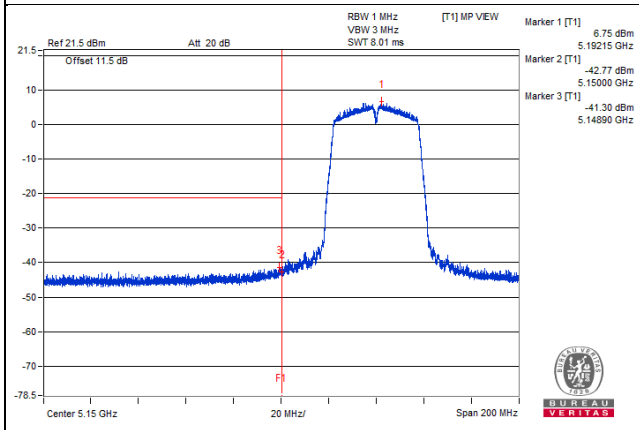
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

Chain 0



Chain 1



802.11ac (VHT40) - Channel 46

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	6970.31 PK	51.78	68.2	-16.42	-52.79	9.31	-43.48
2	5034.37 PK	51.3	74	-22.7	-53.27	9.31	-43.96
3	6970.31 PK	51.78	68.2	-16.42	-52.79	9.31	-43.48
4	19490.06 PK	44.72	74	-29.28	-59.85	9.31	-50.54
5	39347.5 PK	40.29	74	-33.71	-64.28	9.31	-54.97
6	4750 AV	41.09	54	-12.91	-63.48	9.31	-54.17
7	4750 AV	41.09	54	-12.91	-63.48	9.31	-54.17
8	8368.75 AV	37.53	54	-16.47	-67.04	9.31	-57.73
9	19888.25 AV	33.08	54	-20.92	-71.49	9.31	-62.18
10	39501.25 AV	28.38	54	-25.62	-76.19	9.31	-66.88

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)

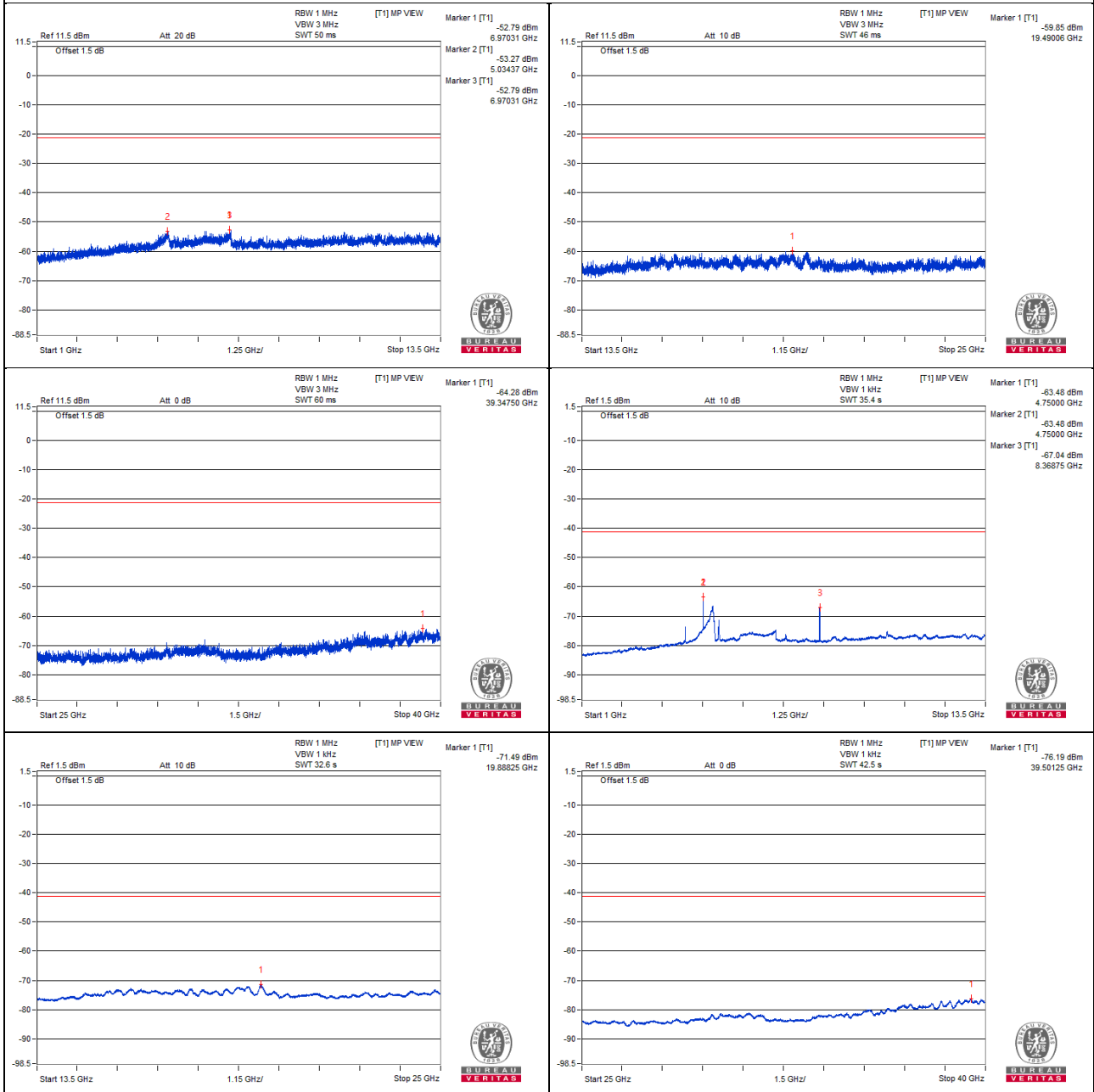
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5034.37 PK	53.6	74	-20.4	-51.89	10.23	-41.66
2	5034.37 PK	53.6	74	-20.4	-51.89	10.23	-41.66
3	6998.43 PK	52.6	68.2	-15.6	-52.89	10.23	-42.66
4	19232.75 PK	45.9	74	-28.1	-59.59	10.23	-49.36
5	39662.5 PK	40.83	74	-33.17	-64.66	10.23	-54.43
6	4182.81 AV	41.51	54	-12.49	-63.98	10.23	-53.75
7	4182.81 AV	41.51	54	-12.49	-63.98	10.23	-53.75
8	6998.43 AV	30.51	#		-74.98	10.23	-64.75
9	19901.18 AV	33.99	54	-20.01	-71.5	10.23	-61.27
10	39497.5 AV	29.18	54	-24.82	-76.31	10.23	-66.08

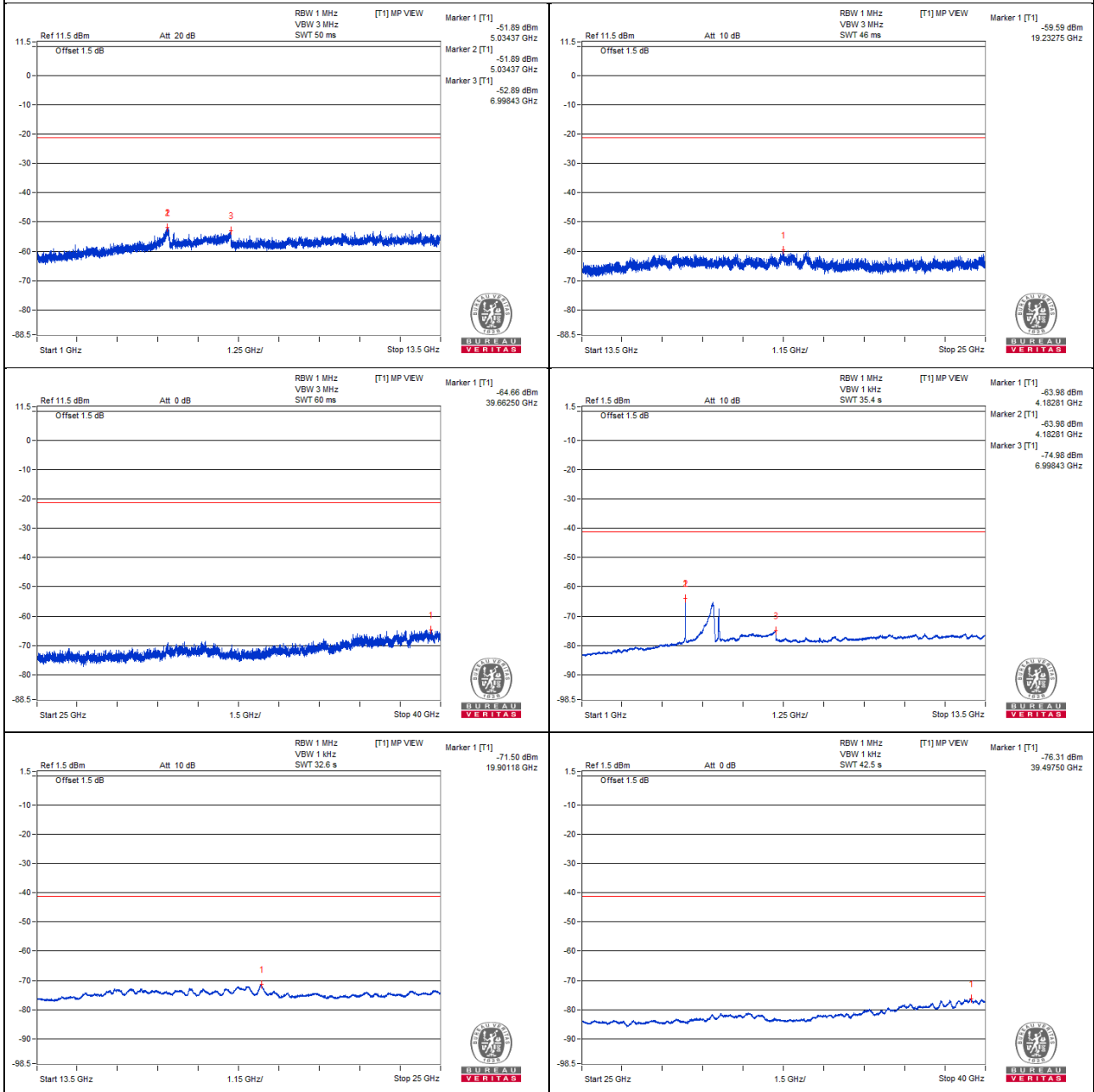
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5232.72 PK	112.88	*		9.01	8.61	17.62
2	5150 PK	59.45	74	-14.55	-44.42	8.61	-35.81
3	5144.6 PK	61.79	74	-12.21	-42.08	8.61	-33.47
4	5231.45 AV	101.28	*		-2.59	8.61	6.02
5	5150 AV	47.68	54	-6.32	-56.19	8.61	-47.58
6	5149.15 AV	47.72	54	-6.28	-56.15	8.61	-47.54

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

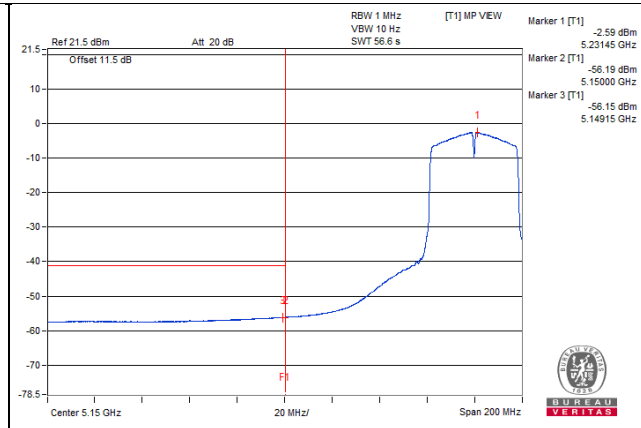
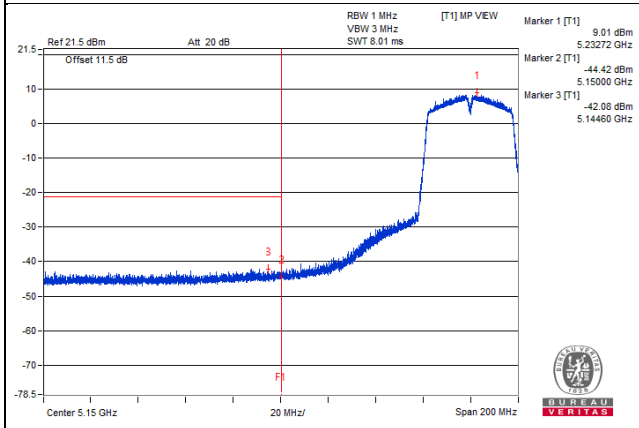
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5225.4 PK	110.22	*		7.48	7.48	14.96
2	5150 PK	57.97	74	-16.03	-44.77	7.48	-37.29
3	5145.97 PK	60.73	74	-13.27	-42.01	7.48	-34.53
4	5228.32 AV	98.6	*		-4.14	7.48	3.34
5	5150 AV	46.24	54	-7.76	-56.5	7.48	-49.02
6	5149.62 AV	46.26	54	-7.74	-56.48	7.48	-49

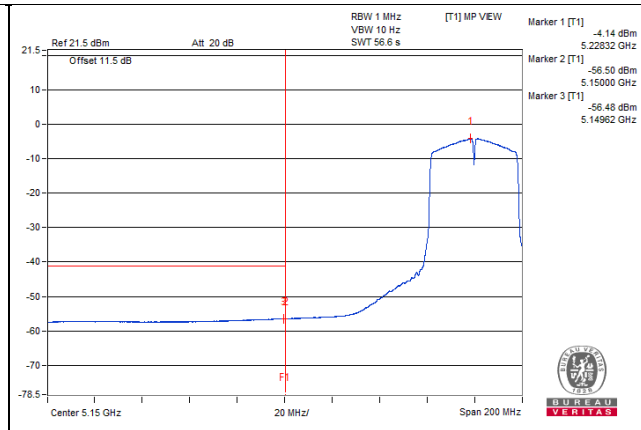
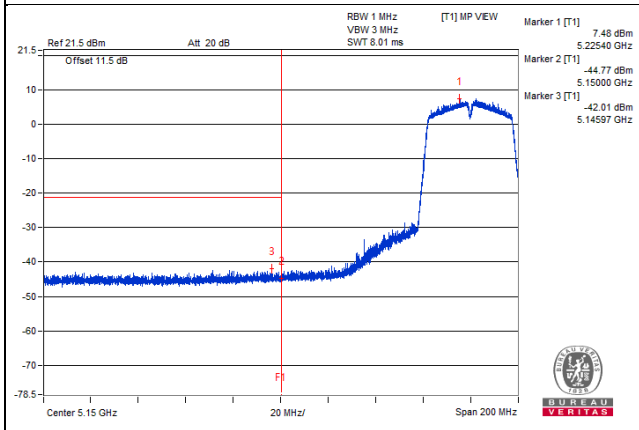
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

Chain 0



Chain 1



802.11ac (VHT40) - Channel 54

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5273.43 PK	58.25	*		-46.32	9.31	-37.01
2	5014.06 PK	50.53	74	-23.47	-54.04	9.31	-44.73
3	11328.12 PK	51.38	74	-22.62	-53.19	9.31	-43.88
4	18933.75 PK	44.52	74	-29.48	-60.05	9.31	-50.74
5	38048.12 PK	41.26	68.2	-26.94	-63.31	9.31	-54
6	5276.56 AV	48.38	*		-56.19	9.31	-46.88
7	4789.06 AV	40.09	54	-13.91	-64.48	9.31	-55.17
8	8432.81 AV	32.95	54	-21.05	-71.62	9.31	-62.31
9	19881.06 AV	33.12	54	-20.88	-71.45	9.31	-62.14
10	39475 AV	28.14	54	-25.86	-76.43	9.31	-67.12

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

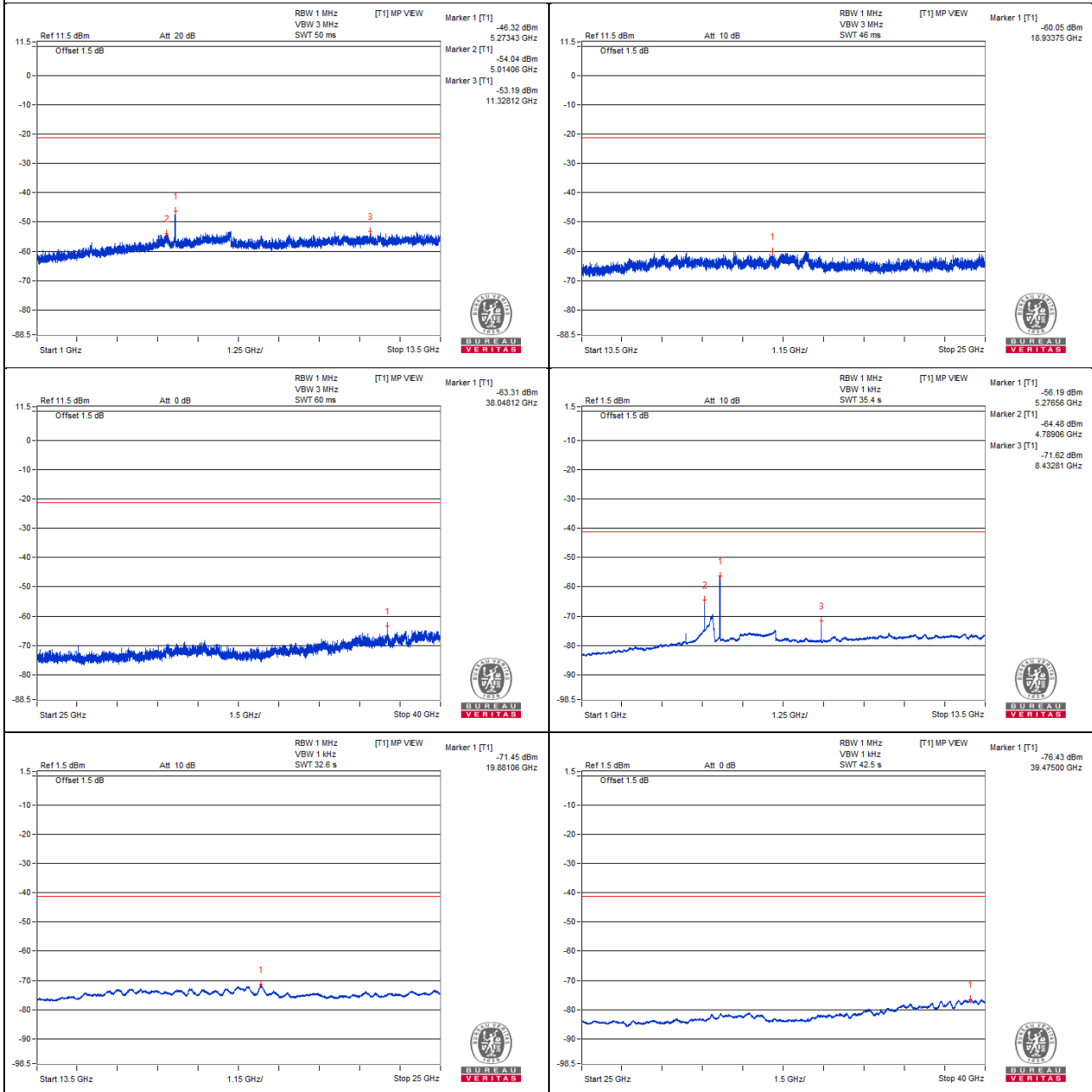
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5281.25 PK	57.05	*		-48.44	10.23	-38.21
2	5040.62 PK	52.44	74	-21.56	-53.05	10.23	-42.82
3	6970.31 PK	52.51	68.2	-15.69	-52.98	10.23	-42.75
4	19507.31 PK	46.11	74	-27.89	-59.38	10.23	-49.15
5	39482.5 PK	42.06	74	-31.94	-63.43	10.23	-53.2
6	5273.43 AV	46.32	*		-59.17	10.23	-48.94
7	5043.75 AV	36.74	54	-17.26	-68.75	10.23	-58.52
8	6993.75 AV	30.55	#		-74.94	10.23	-64.71
9	19889.68 AV	33.94	54	-20.06	-71.55	10.23	-61.32
10	39480.62 AV	29.35	54	-24.65	-76.14	10.23	-65.91

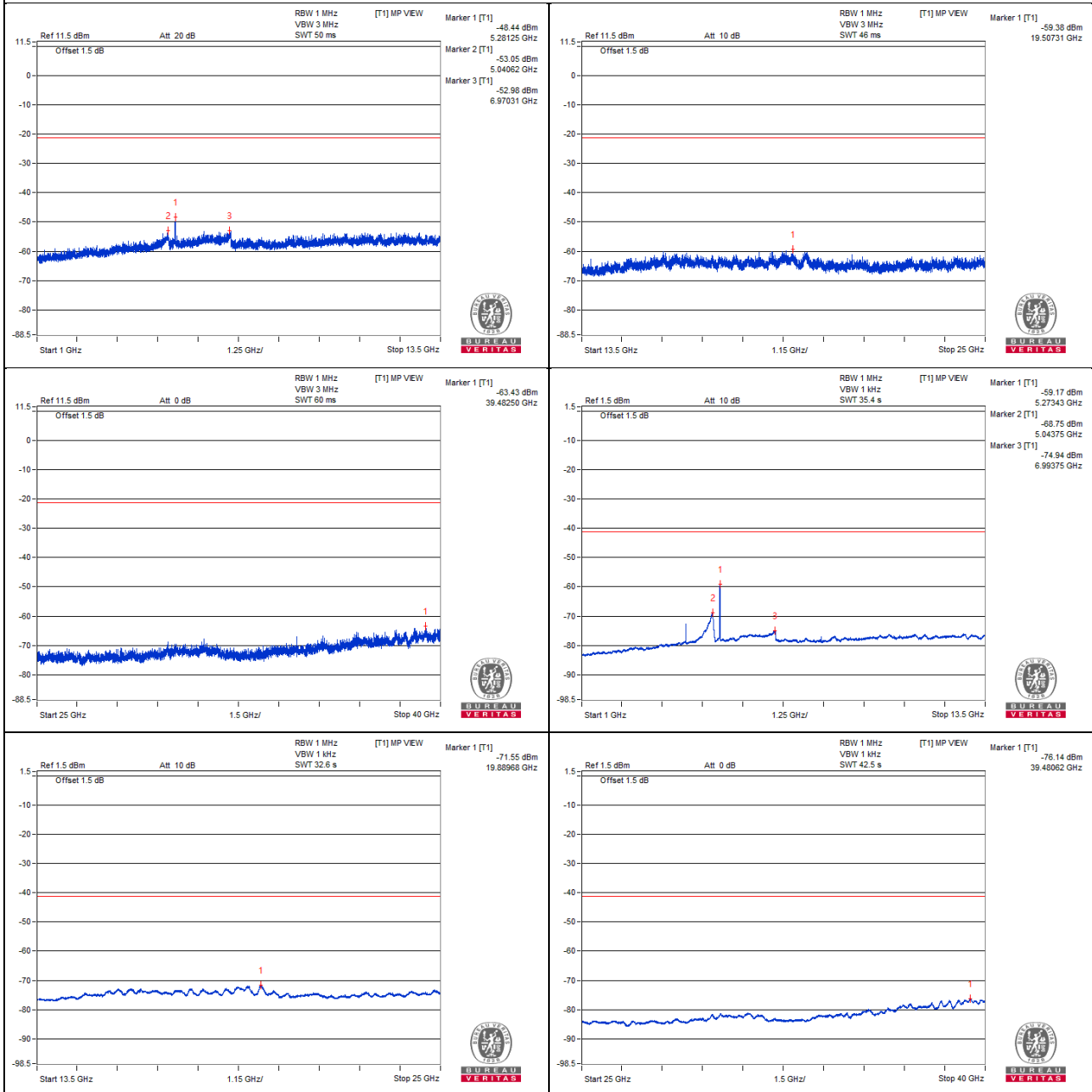
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5273 PK	112.64	*		8.4	8.98	17.38
2	5350 PK	59.69	74	-14.31	-44.55	8.98	-35.57
3	5351.55 PK	62	74	-12	-42.24	8.98	-33.26
4	5268.27 AV	101.57	*		-2.67	8.98	6.31
5	5350 AV	48.18	54	-5.82	-56.06	8.98	-47.08
6	5350.27 AV	48.25	54	-5.75	-55.99	8.98	-47.01

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

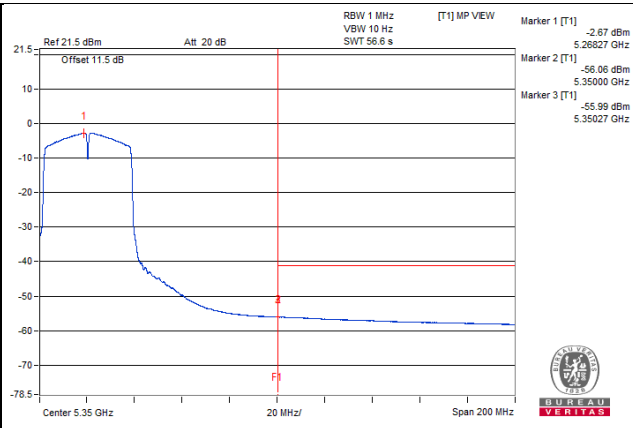
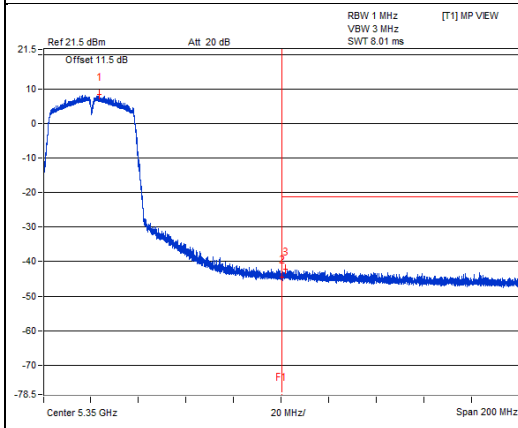
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5275 PK	110.27	*		6.6	8.41	15.01
2	5350 PK	58.92	74	-15.08	-44.75	8.41	-36.34
3	5352.15 PK	61.18	74	-12.82	-42.49	8.41	-34.08
4	5271.07 AV	99.46	*		-4.21	8.41	4.2
5	5350 AV	47.14	54	-6.86	-56.53	8.41	-48.12
6	5352.12 AV	47.18	54	-6.82	-56.49	8.41	-48.08

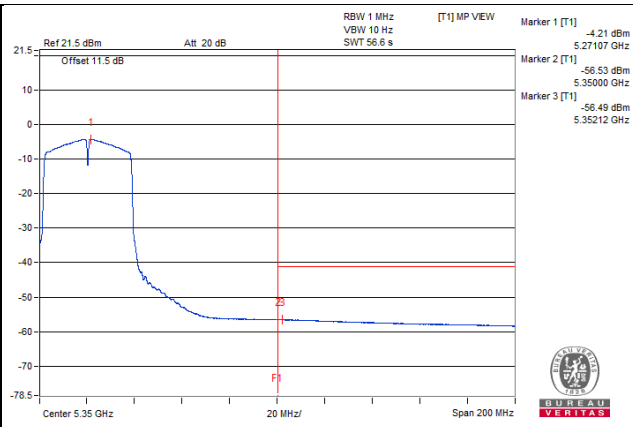
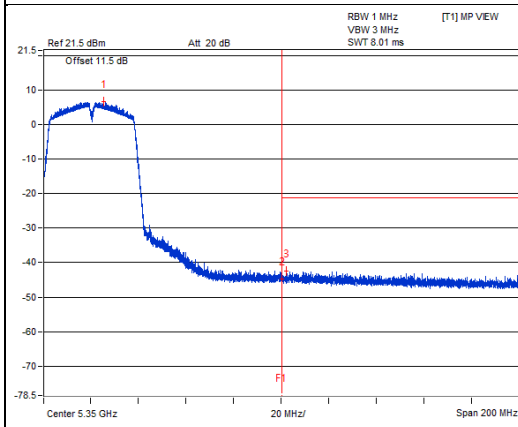
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

Chain 0



Chain 1



802.11ac (VHT40) - Channel 62

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5304.68 PK	57.86	*		-46.71	9.31	-37.4
2	4829.68 PK	50.72	74	-23.28	-53.85	9.31	-44.54
3	6428.12 PK	52.22	68.2	-15.98	-52.35	9.31	-43.04
4	19472.81 PK	45.1	74	-28.9	-59.47	9.31	-50.16
5	39302.5 PK	40.61	74	-33.39	-63.96	9.31	-54.65
6	5307.81 AV	47.37	*		-57.2	9.31	-47.89
7	4829.68 AV	40.79	54	-13.21	-63.78	9.31	-54.47
8	8496.87 AV	33.12	54	-20.88	-71.45	9.31	-62.14
9	19895.43 AV	33.09	54	-20.91	-71.48	9.31	-62.17
10	39484.37 AV	28.32	54	-25.68	-76.25	9.31	-66.94

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

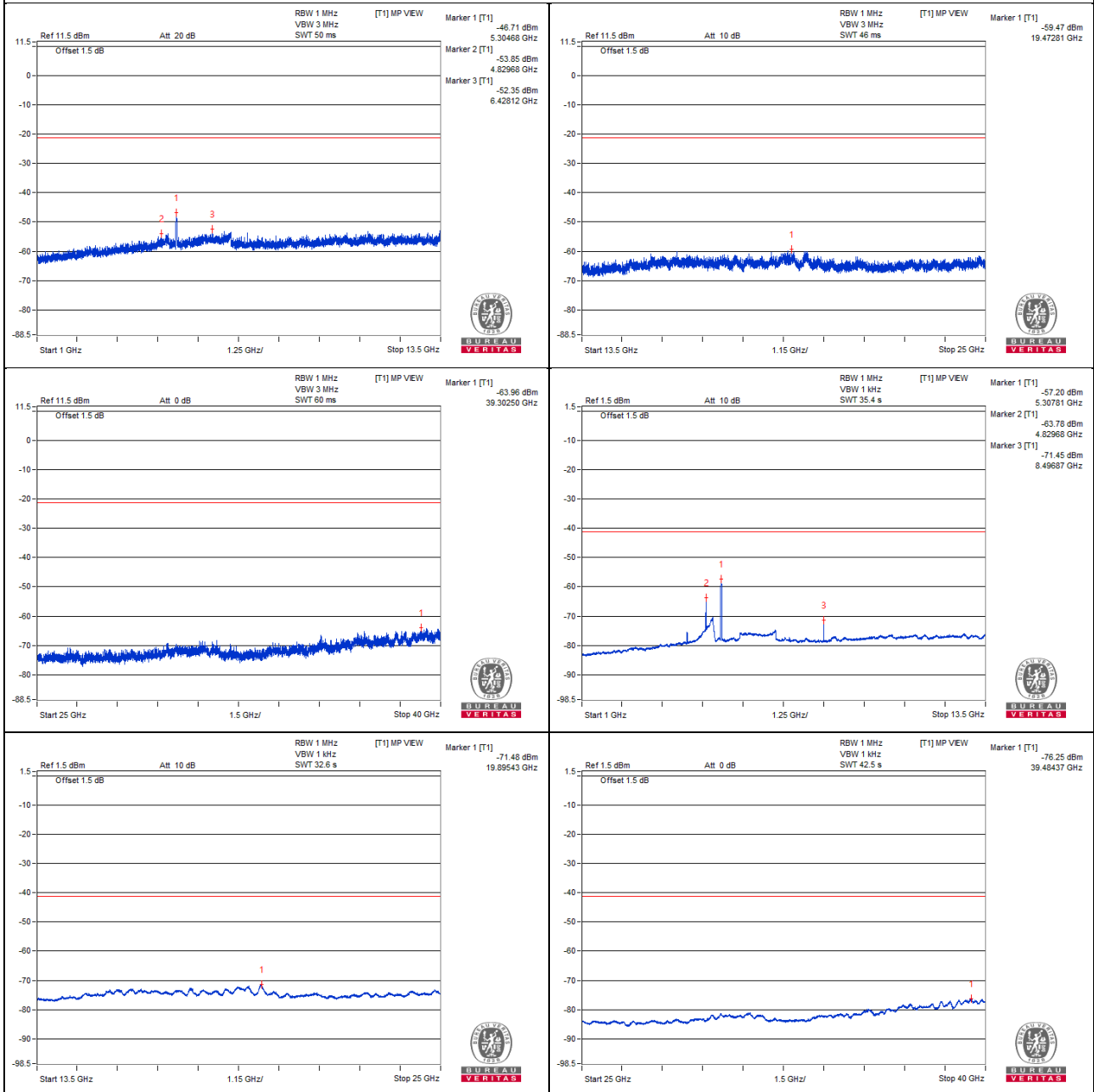
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5312.5 PK	58.15	*		-47.34	10.23	-37.11
2	5037.5 PK	52.04	74	-21.96	-53.45	10.23	-43.22
3	6890.62 PK	53.68	68.2	-14.52	-51.81	10.23	-41.58
4	22816.43 PK	45.72	74	-28.28	-59.77	10.23	-49.54
5	39458.12 PK	42.24	74	-31.76	-63.25	10.23	-53.02
6	5310.93 AV	48.17	*		-57.32	10.23	-47.09
7	5048.43 AV	36.61	54	-17.39	-68.88	10.23	-58.65
8	6998.43 AV	30.46	#		-75.03	10.23	-64.8
9	19892.56 AV	34.03	54	-19.97	-71.46	10.23	-61.23
10	39493.75 AV	29.22	54	-24.78	-76.27	10.23	-66.04

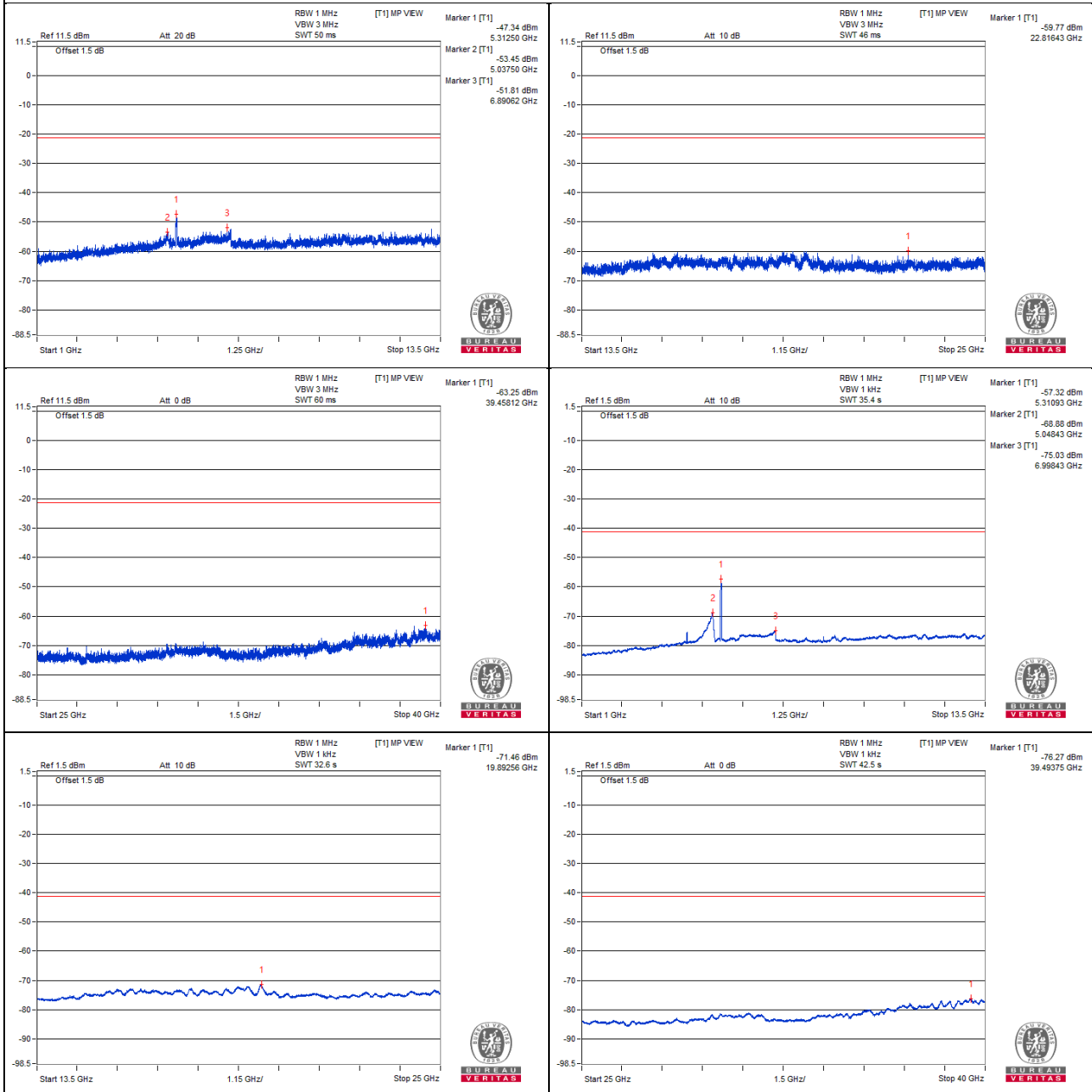
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5316.27 PK	111.14	*		6.9	8.98	15.88
2	5350 PK	61.3	74	-12.7	-42.94	8.98	-33.96
3	5352.4 PK	63.22	74	-10.78	-41.02	8.98	-32.04
4	5311.57 AV	99.81	*		-4.43	8.98	4.55
5	5350 AV	49.82	54	-4.18	-54.42	8.98	-45.44
6	5350.05 AV	49.85	54	-4.15	-54.39	8.98	-45.41

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

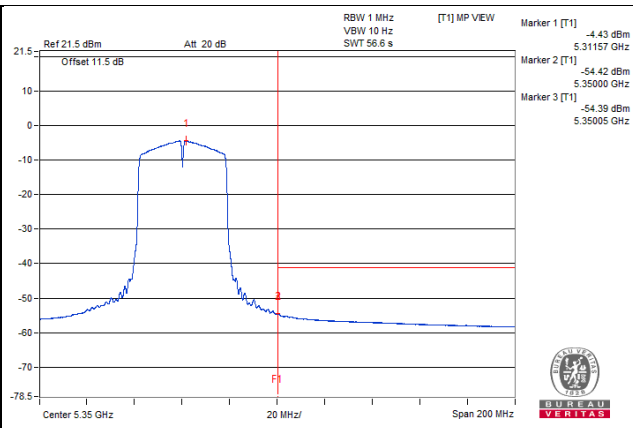
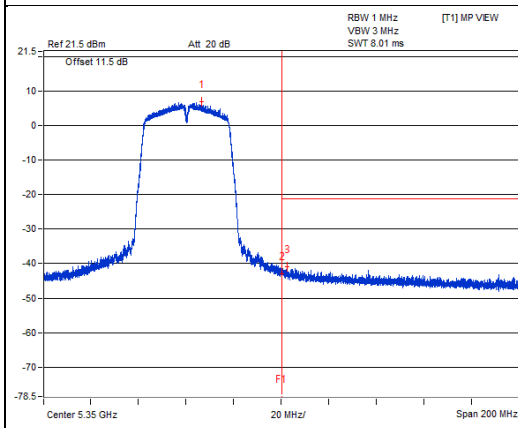
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5312.92 PK	110.03	*		6.36	8.41	14.77
2	5350 PK	60.22	74	-13.78	-43.45	8.41	-35.04
3	5350.72 PK	63.56	74	-10.44	-40.11	8.41	-31.7
4	5311.07 AV	99.07	*		-4.6	8.41	3.81
5	5350 AV	48.7	54	-5.3	-54.97	8.41	-46.56
6	5350.02 AV	48.74	54	-5.26	-54.93	8.41	-46.52

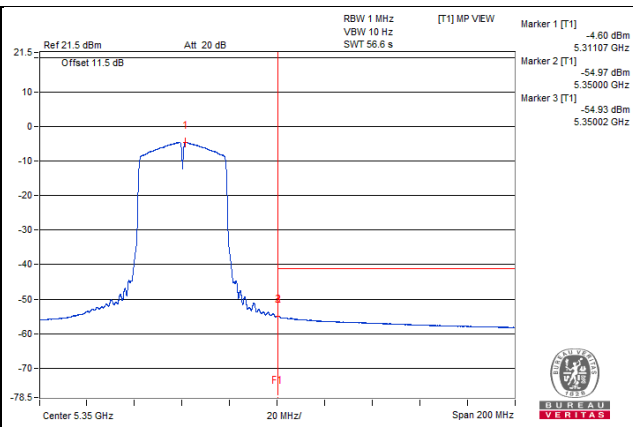
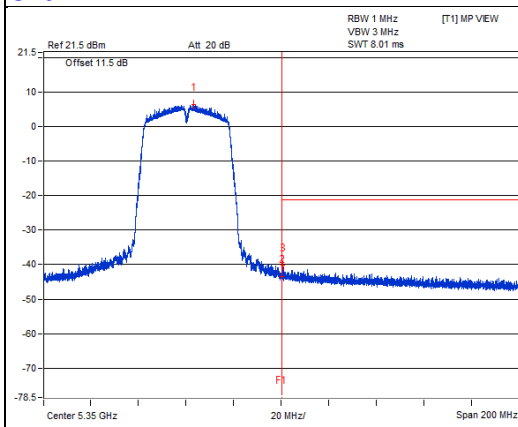
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

Chain 0



Chain 1



802.11ac (VHT40) - Channel 102

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5495.31 PK	53.83	*		-50.74	9.31	-41.43
2	5029.68 PK	50.19	74	-23.81	-54.38	9.31	-45.07
3	6970.31 PK	52.94	68.2	-15.26	-51.63	9.31	-42.32
4	19334.81 PK	44.79	74	-29.21	-59.78	9.31	-50.47
5	39030.62 PK	40.87	74	-33.13	-63.7	9.31	-54.39
6	5989.06 AV	40.9	#		-63.67	9.31	-54.36
7	5029.68 AV	40.31	54	-13.69	-64.26	9.31	-54.95
8	5989.06 AV	40.9	#		-63.67	9.31	-54.36
9	19879.62 AV	33.19	54	-20.81	-71.38	9.31	-62.07
10	39499.37 AV	28.27	54	-25.73	-76.3	9.31	-66.99

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

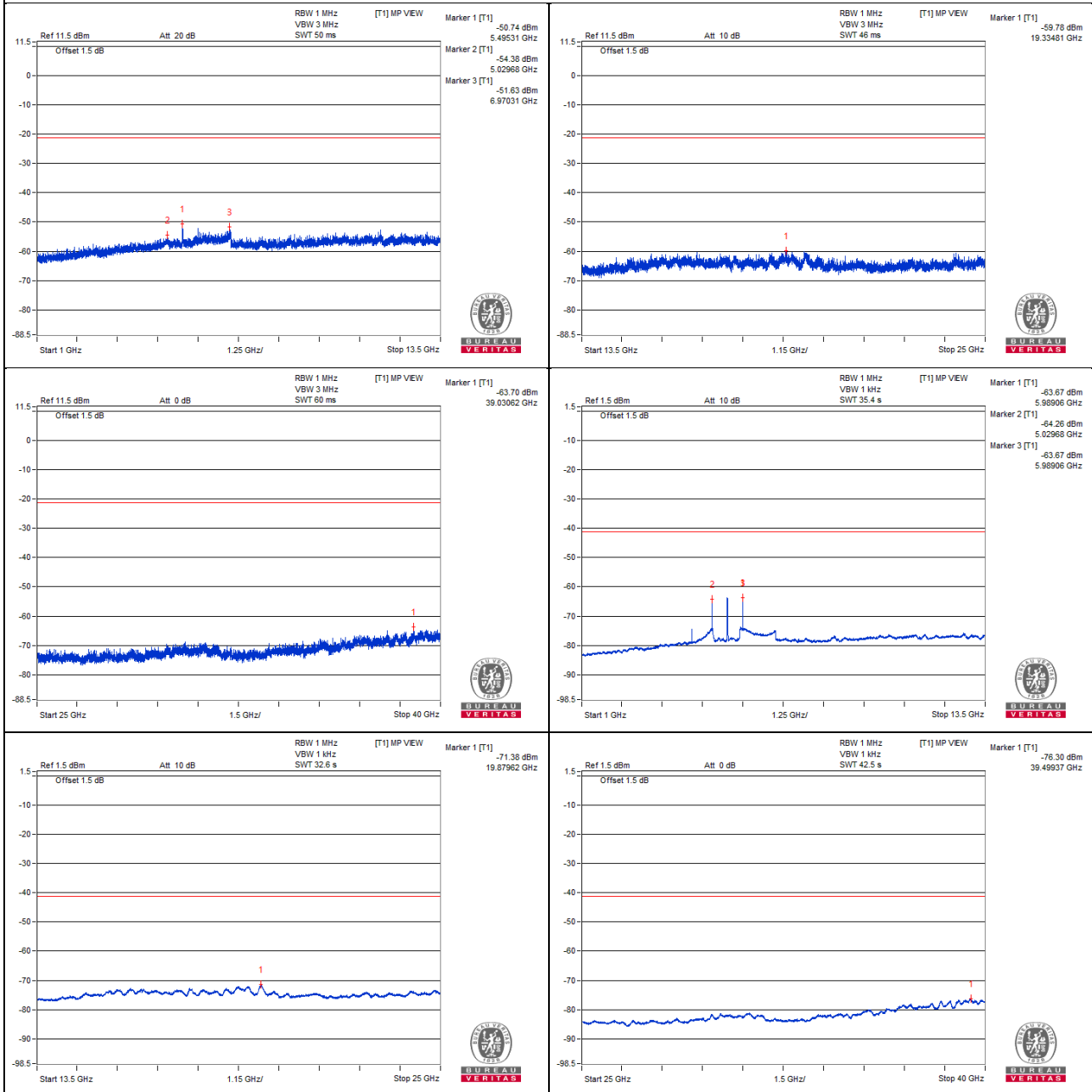
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5503.12 PK	53.88	*		-51.61	10.23	-41.38
2	5054.68 PK	50.3	74	-23.7	-55.19	10.23	-44.96
3	6951.56 PK	52.39	68.2	-15.81	-53.1	10.23	-42.87
4	19228.43 PK	46.18	74	-27.82	-59.31	10.23	-49.08
5	38695 PK	41.45	74	-32.55	-64.04	10.23	-53.81
6	5504.68 AV	42.31	*		-63.18	10.23	-52.95
7	4407.81 AV	34.32	#		-71.17	10.23	-60.94
8	6993.75 AV	30.51	#		-74.98	10.23	-64.75
9	19886.81 AV	34.03	54	-19.97	-71.46	10.23	-61.23
10	39490 AV	29.17	54	-24.83	-76.32	10.23	-66.09

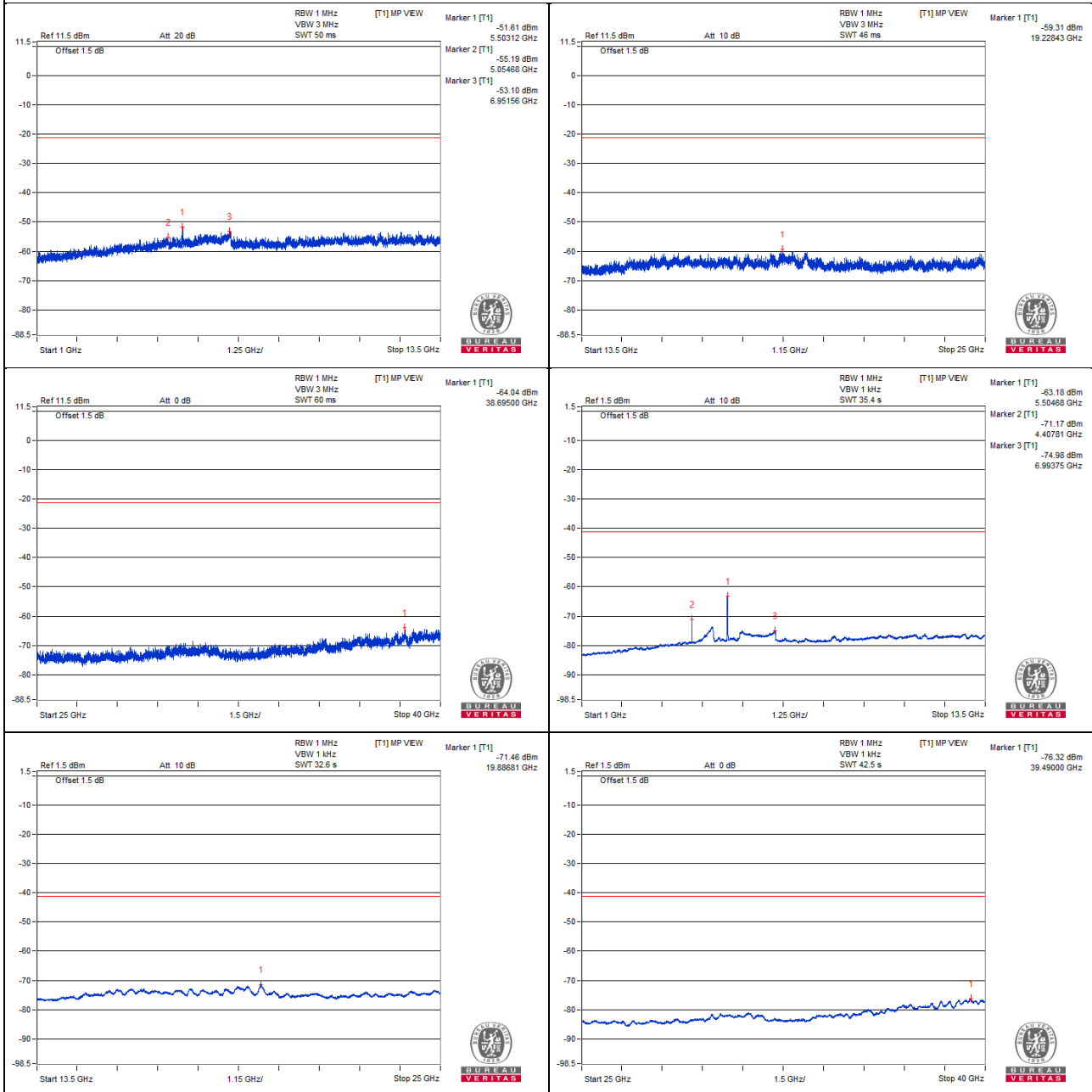
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5506.53 PK	109.72	*		5.52	8.94	14.46
2	5470 PK	60.95	68.2	-7.25	-43.25	8.94	-34.31
3	5469.4 PK	63.85	68.2	-4.35	-40.35	8.94	-31.41
4	5508.46 AV	98.57	*		-5.63	8.94	3.31
5	5470 AV	49.29	#		-54.91	8.94	-45.97
6	5469.28 AV	49.45	#		-54.75	8.94	-45.81

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

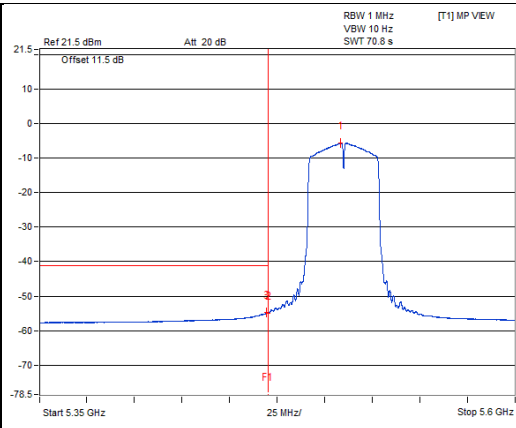
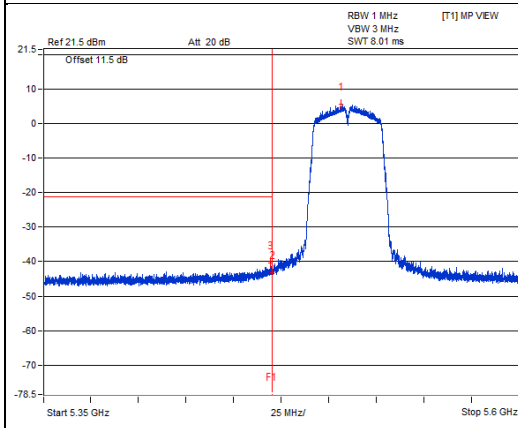
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5514.09 PK	110.52	*		5.03	10.23	15.26
2	5470 PK	61.55	68.2	-6.65	-43.94	10.23	-33.71
3	5468.37 PK	64.13	68.2	-4.07	-41.36	10.23	-31.13
4	5511.59 AV	99.5	*		-5.99	10.23	4.24
5	5470 AV	49.77	#		-55.72	10.23	-45.49
6	5469.53 AV	49.96	#		-55.53	10.23	-45.3

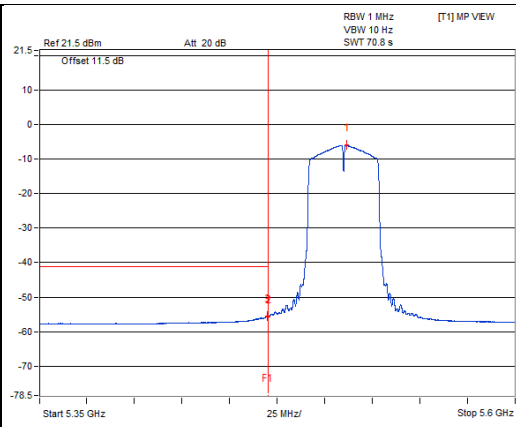
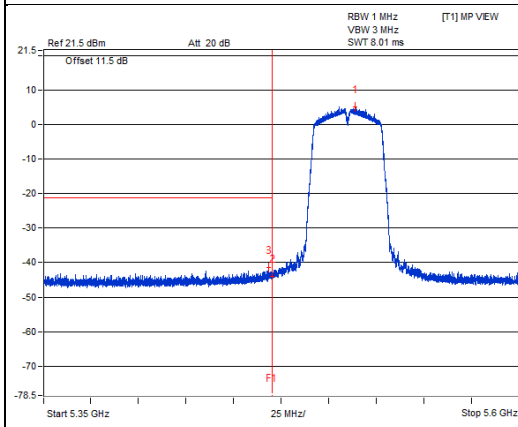
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



802.11ac (VHT40) - Channel 110

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5553.12 PK	57.69	*		-46.88	9.31	-37.57
2	5020.31 PK	50.29	74	-23.71	-54.28	9.31	-44.97
3	6960.93 PK	50.99	68.2	-17.21	-53.58	9.31	-44.27
4	16656.75 PK	45.62	68.2	-22.58	-58.95	9.31	-49.64
5	39461.87 PK	40.94	74	-33.06	-63.63	9.31	-54.32
6	5553.12 AV	47.39	*		-57.18	9.31	-47.87
7	5070.31 AV	34.19	54	-19.81	-70.38	9.31	-61.07
8	6029.68 AV	42.15	#		-62.42	9.31	-53.11
9	19886.81 AV	33.04	54	-20.96	-71.53	9.31	-62.22
10	39482.5 AV	28.27	54	-25.73	-76.3	9.31	-66.99

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

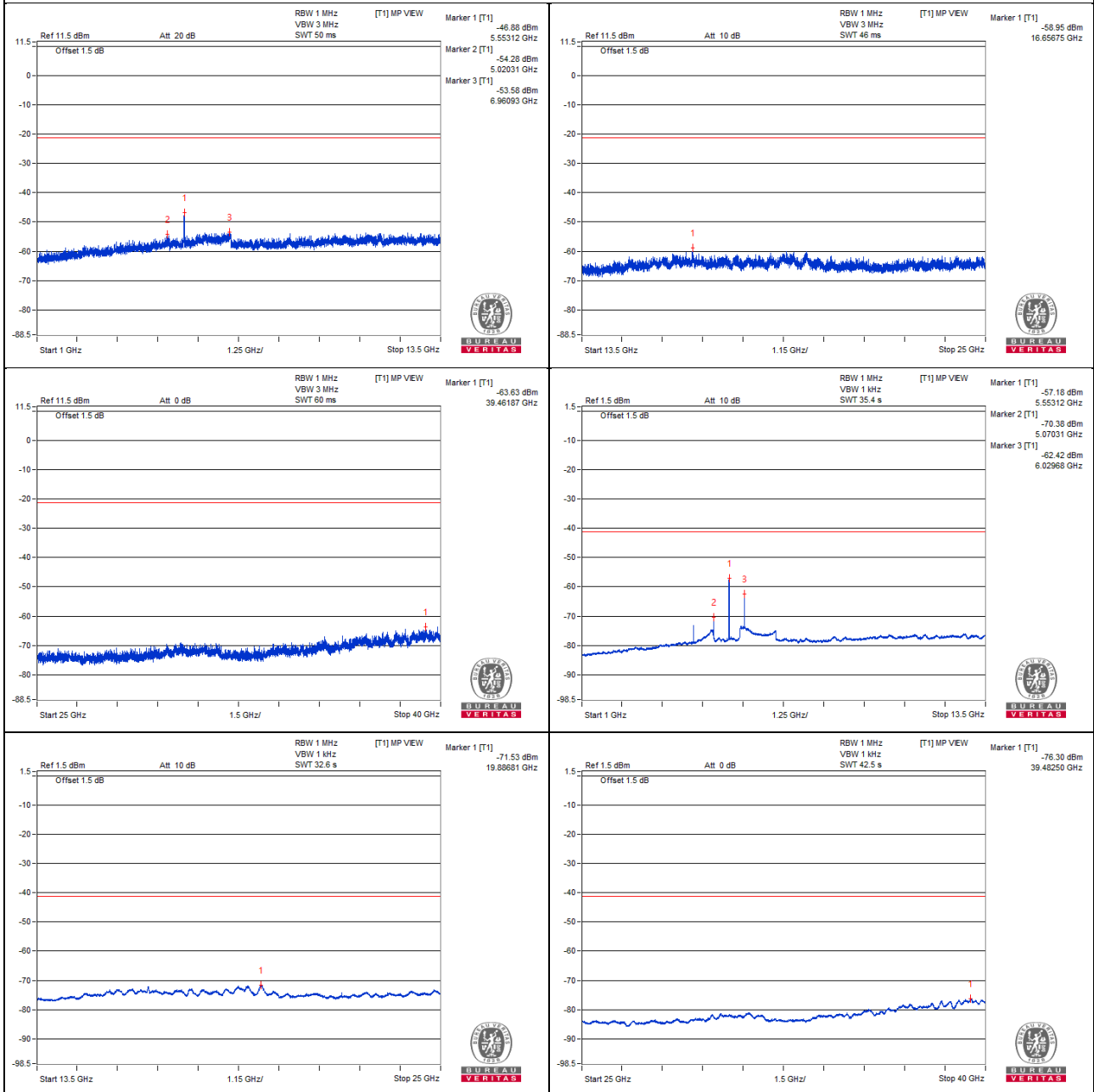
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5557.81 PK	56.76	*		-48.73	10.23	-38.5
2	5009.37 PK	50.8	74	-23.2	-54.69	10.23	-44.46
3	6950 PK	52.43	68.2	-15.77	-53.06	10.23	-42.83
4	16651 PK	45.78	68.2	-22.42	-59.71	10.23	-49.48
5	39686.87 PK	41.61	74	-32.39	-63.88	10.23	-53.65
6	5551.56 AV	45.88	*		-59.61	10.23	-49.38
7	4439.06 AV	33.91	#		-71.58	10.23	-61.35
8	5951.56 AV	31.09	#		-74.4	10.23	-64.17
9	16651 AV	34.27	#		-71.22	10.23	-60.99
10	39469.37 AV	29.17	54	-24.83	-76.32	10.23	-66.09

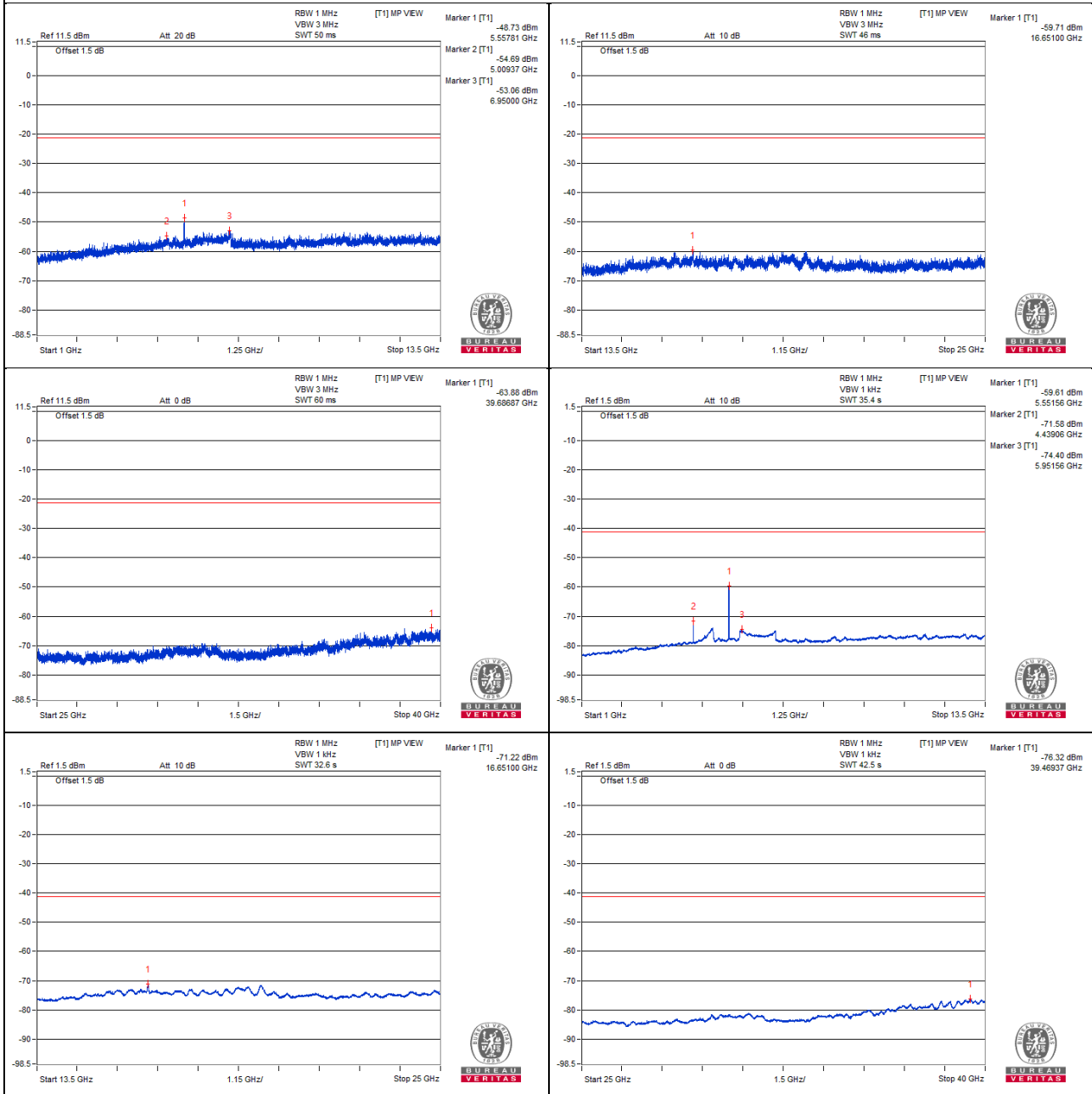
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5547.53 PK	112.56	*		8.36	8.94	17.3
2	5470 PK	59.23	68.2	-8.97	-44.97	8.94	-36.03
3	5461.56 PK	61.41	68.2	-6.79	-42.79	8.94	-33.85
4	5548.46 AV	100.78	*		-3.42	8.94	5.52
5	5470 AV	47.23	#		-56.97	8.94	-48.03
6	5468.68 AV	47.32	#		-56.88	8.94	-47.94

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

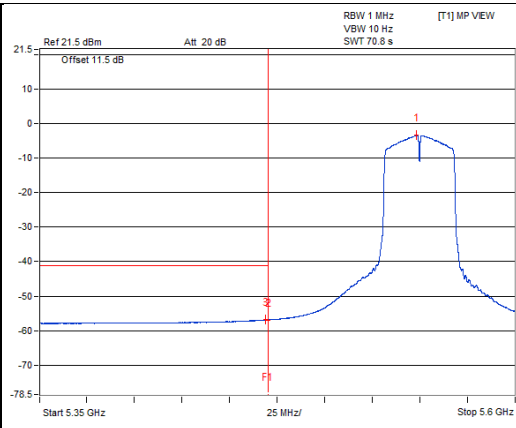
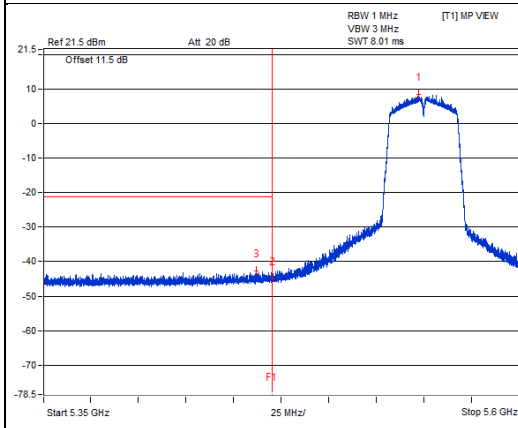
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5544.96 PK	114.17	*		8.68	10.23	18.91
2	5470 PK	60.41	68.2	-7.79	-45.08	10.23	-34.85
3	5468.75 PK	63.93	68.2	-4.27	-41.56	10.23	-31.33
4	5548.43 AV	102.65	*		-2.84	10.23	7.39
5	5470 AV	49.18	#		-56.31	10.23	-46.08
6	5468.75 AV	49.23	#		-56.26	10.23	-46.03

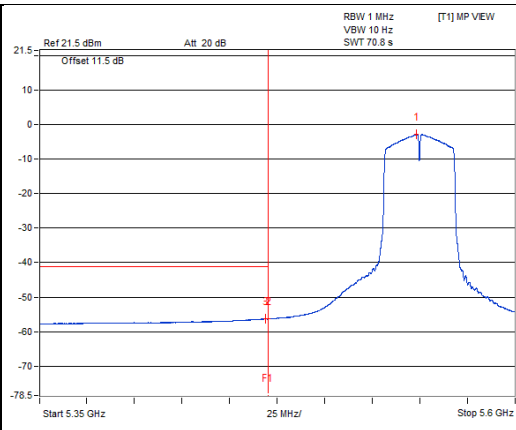
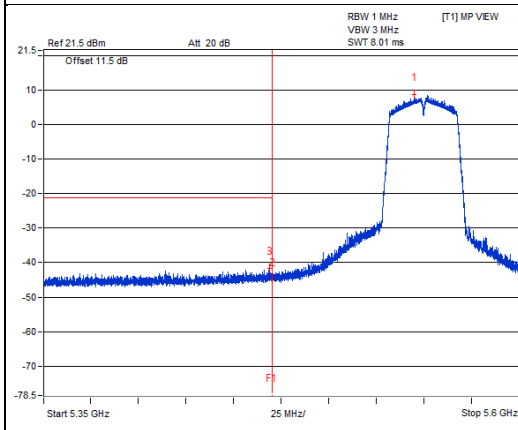
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



802.11ac (VHT40) - Channel 134

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5667.18 PK	58.21	*		-46.36	9.31	-37.05
2	5035.93 PK	49.42	74	-24.58	-55.15	9.31	-45.84
3	6962.5 PK	51.34	68.2	-16.86	-53.23	9.31	-43.92
4	17013.25 PK	46.69	68.2	-21.51	-57.88	9.31	-48.57
5	39516.25 PK	42.01	74	-31.99	-62.56	9.31	-53.25
6	5660.93 AV	47.55	*		-57.02	9.31	-47.71
7	4535.93 AV	33.83	54	-20.17	-70.74	9.31	-61.43
8	6150 AV	42.93	#		-61.64	9.31	-52.33
9	17011.81 AV	35.06	#		-69.51	9.31	-60.2
10	39461.87 AV	28.13	54	-25.87	-76.44	9.31	-67.13

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

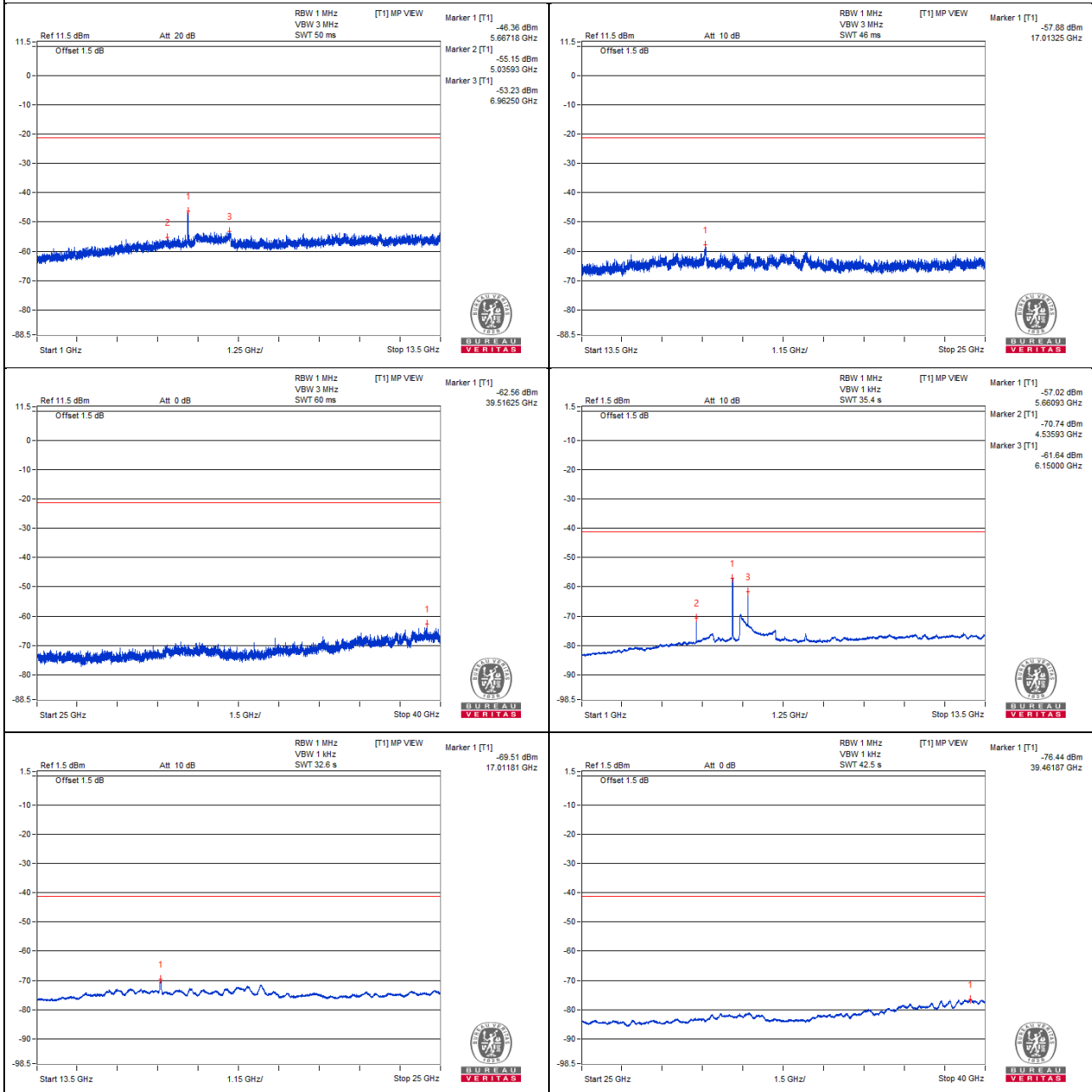
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5668.75 PK	57.26	*		-48.23	10.23	-38
2	5000 PK	50.88	74	-23.12	-54.61	10.23	-44.38
3	12026.56 PK	52.61	74	-21.39	-52.88	10.23	-42.65
4	17017.56 PK	46.64	68.2	-21.56	-58.85	10.23	-48.62
5	39280 PK	41.65	74	-32.35	-63.84	10.23	-53.61
6	5667.18 AV	47.1	*		-58.39	10.23	-48.16
7	4535.93 AV	33.28	54	-20.72	-72.21	10.23	-61.98
8	5901.56 AV	34.56	#		-70.93	10.23	-60.7
9	17013.25 AV	35.28	#		-70.21	10.23	-59.98
10	39482.5 AV	29.18	54	-24.82	-76.31	10.23	-66.08

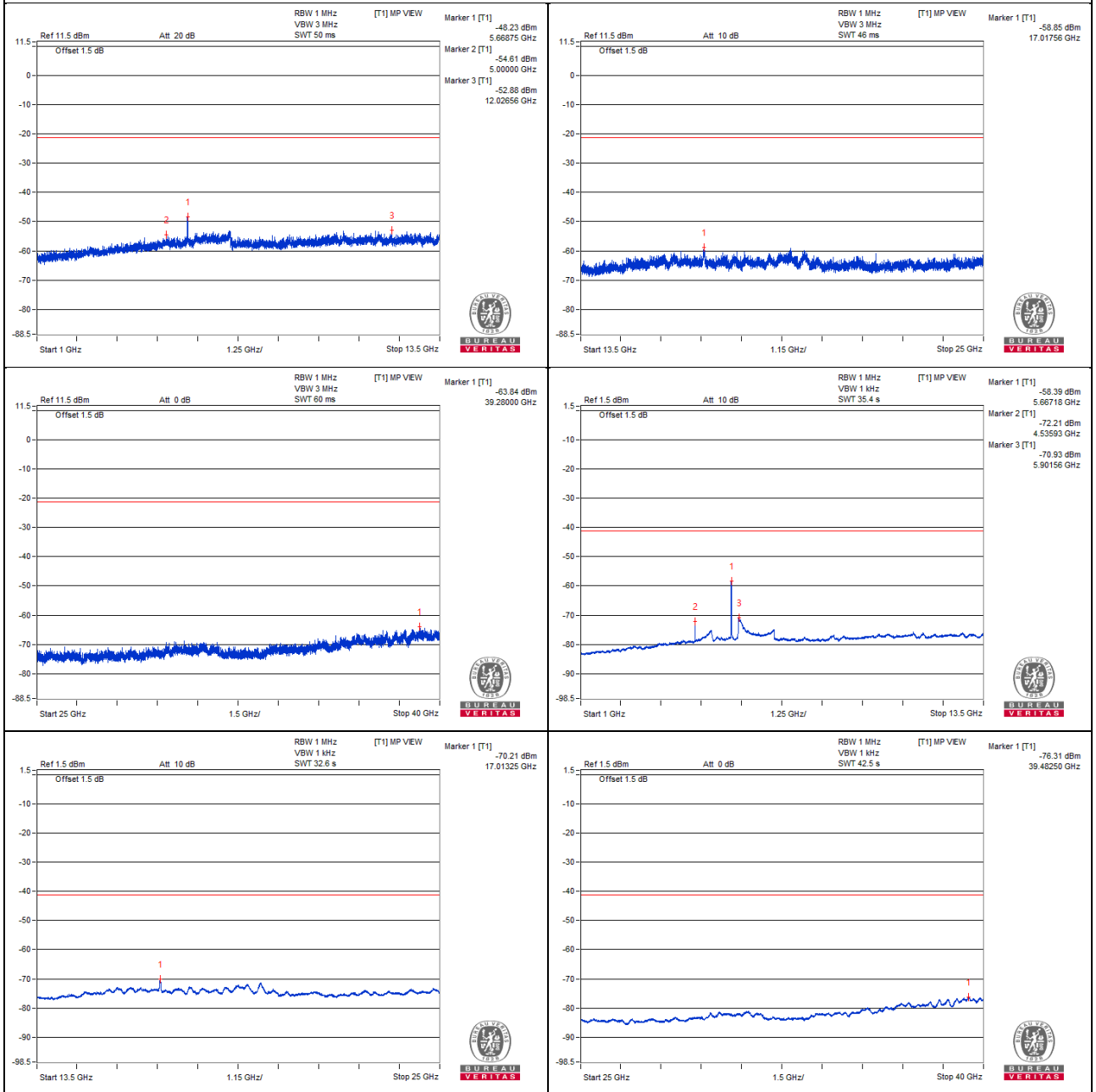
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5674.5 PK	111.05	*		6.85	8.94	15.79
2	5725 PK	60.64	68.2	-7.56	-43.56	8.94	-34.62
3	5726.87 PK	63.57	68.2	-4.63	-40.63	8.94	-31.69
4	5667.95 AV	99.85	*		-4.35	8.94	4.59
5	5725 AV	48.85	#		-55.35	8.94	-46.41
6	5725.05 AV	48.89	#		-55.31	8.94	-46.37

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

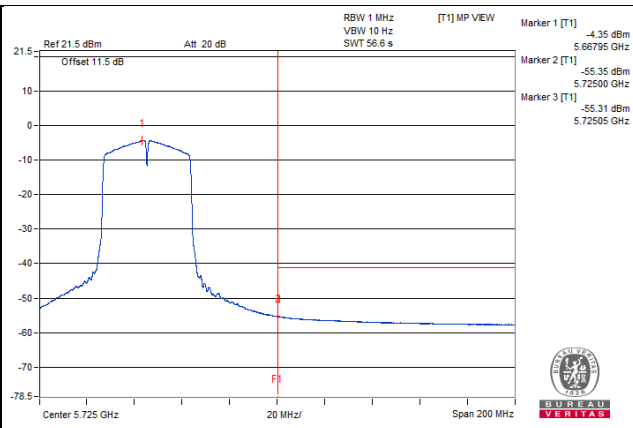
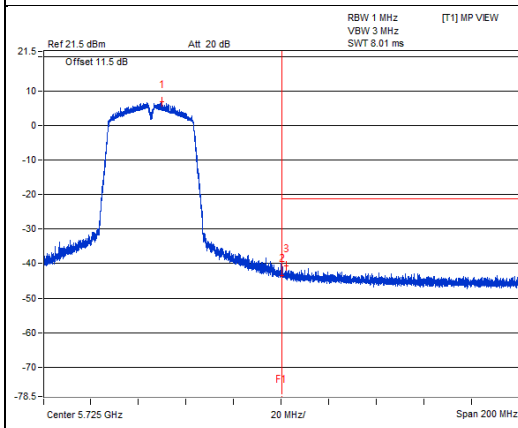
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5667.52 PK	112.46	*		6.97	10.23	17.2
2	5725 PK	61.33	68.2	-6.87	-44.16	10.23	-33.93
3	5726.02 PK	63.82	68.2	-4.38	-41.67	10.23	-31.44
4	5668.25 AV	101.25	*		-4.24	10.23	5.99
5	5725 AV	49.58	#		-55.91	10.23	-45.68
6	5725.1 AV	49.61	#		-55.88	10.23	-45.65

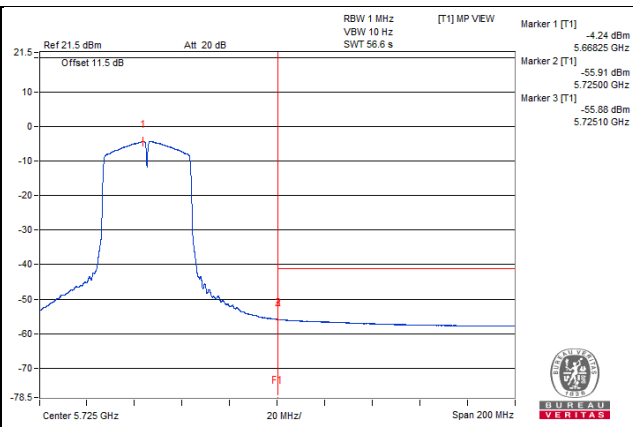
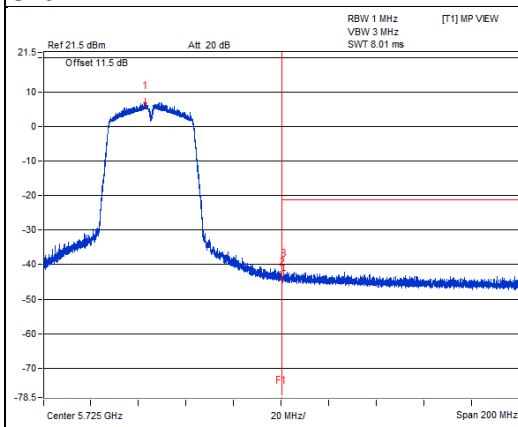
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



802.11ac (VHT40) - Channel 142

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5726.56 PK	57.05	*		-47.52	9.31	-38.21
2	5045.31 PK	49.59	74	-24.41	-54.98	9.31	-45.67
3	6295.31 PK	51.86	68.2	-16.34	-52.71	9.31	-43.4
4	19859.5 PK	44.75	74	-29.25	-59.82	9.31	-50.51
5	39469.37 PK	39.94	74	-34.06	-64.63	9.31	-55.32
6	5723.43 AV	46.03	*		-58.54	9.31	-49.23
7	5043.75 AV	28.65	54	-25.35	-75.92	9.31	-66.61
8	6189.06 AV	41.45	#		-63.12	9.31	-53.81
9	19881.06 AV	33.14	54	-20.86	-71.43	9.31	-62.12
10	39497.5 AV	28.25	54	-25.75	-76.32	9.31	-67.01

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

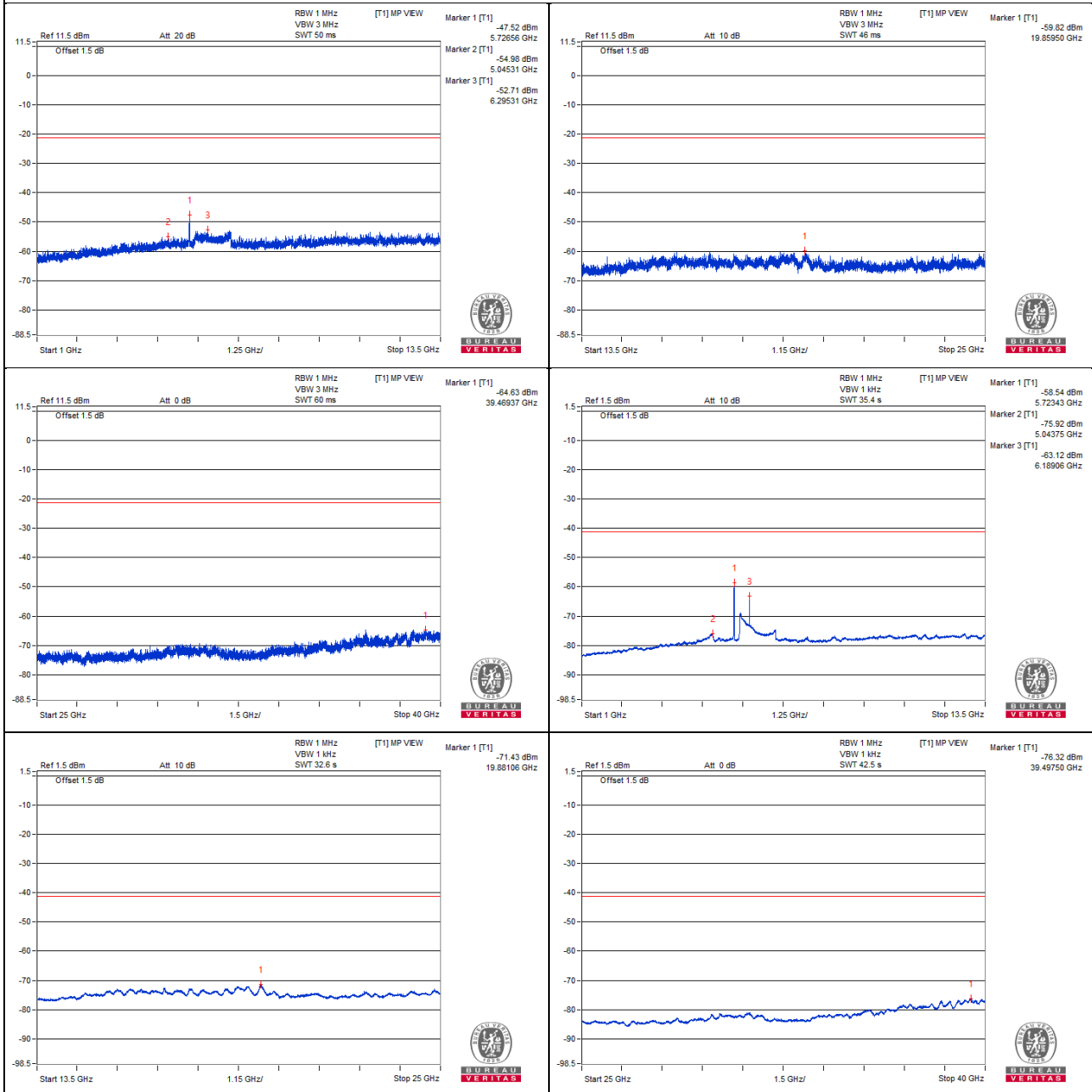
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5712.5 PK	57.61	*		-47.88	10.23	-37.65
2	4975 PK	50.72	74	-23.28	-54.77	10.23	-44.54
3	6803.12 PK	52.61	68.2	-15.59	-52.88	10.23	-42.65
4	17142.62 PK	47.51	68.2	-20.69	-57.98	10.23	-47.75
5	38970.62 PK	42.58	74	-31.42	-62.91	10.23	-52.68
6	5715.62 AV	47.4	*		-58.09	10.23	-47.86
7	4567.18 AV	34.54	54	-19.46	-70.95	10.23	-60.72
8	5903.12 AV	35.24	#		-70.25	10.23	-60.02
9	17126.81 AV	35.75	#		-69.74	10.23	-59.51
10	39461.87 AV	29.26	54	-24.74	-76.23	10.23	-66

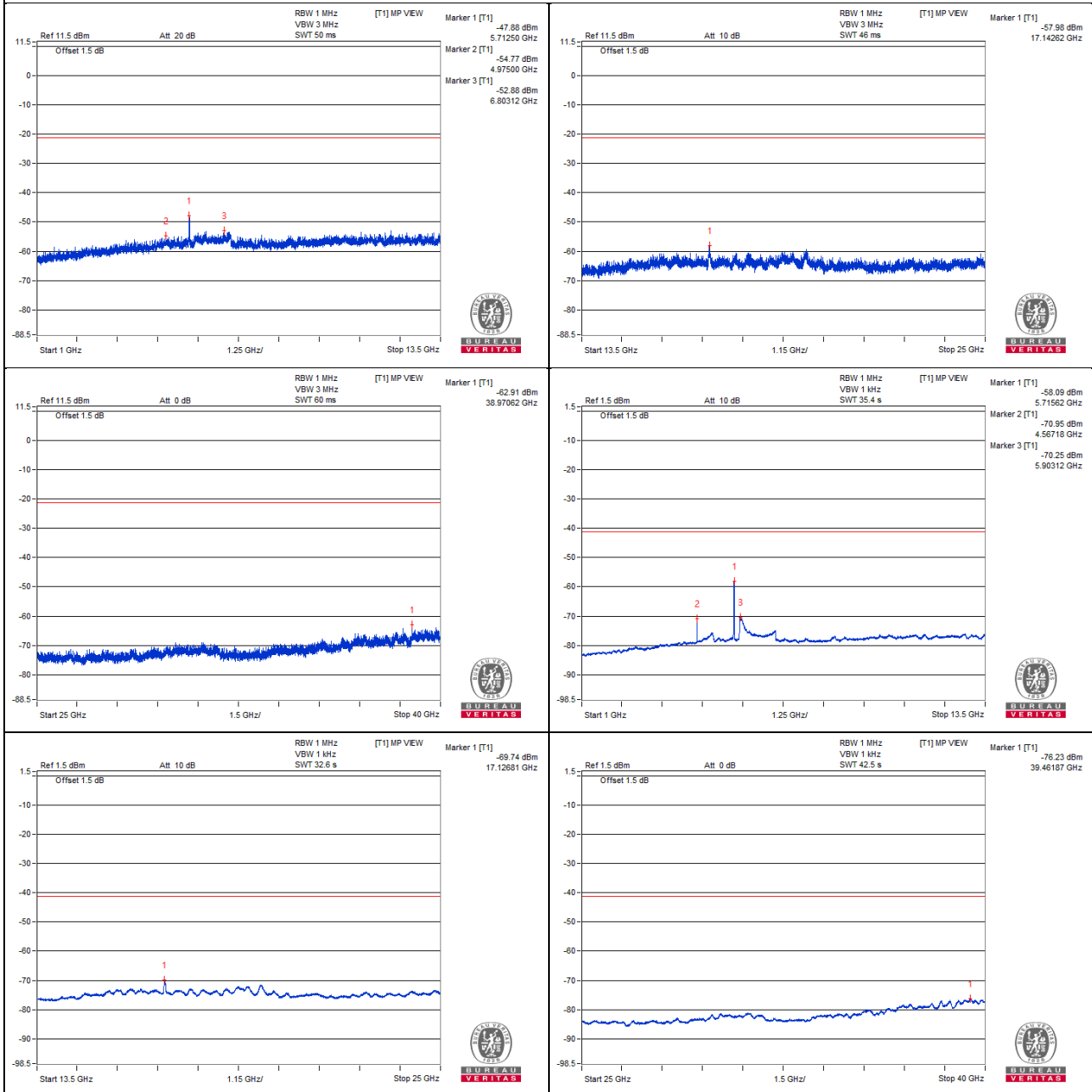
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5712.43 PK	112.24	*		7.67	9.31	16.98
2	5850 PK	59.19	68.2	-9.01	-45.38	9.31	-36.07
3	5940.7 PK	61.98	68.2	-6.22	-42.59	9.31	-33.28
4	5708.53 AV	101.01	*		-3.56	9.31	5.75
5	5850 AV	47.31	#		-57.26	9.31	-47.95
6	5861.53 AV	47.39	#		-57.18	9.31	-47.87

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

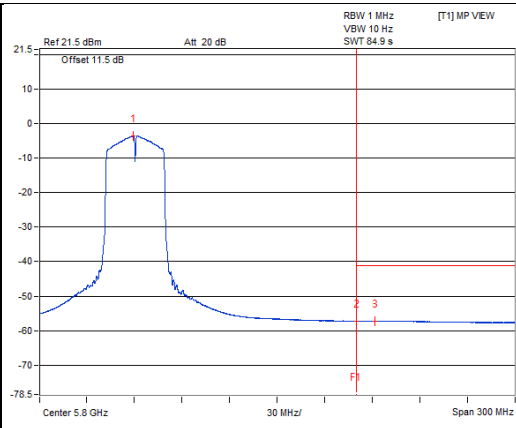
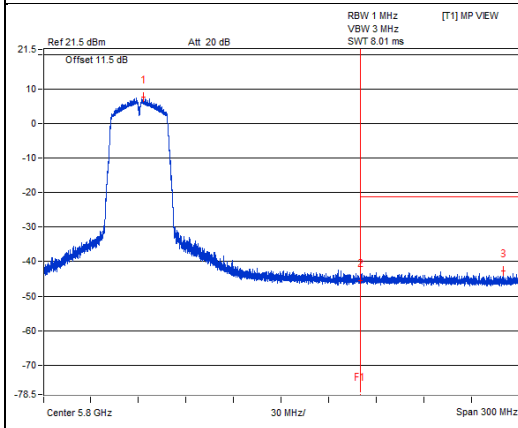
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5715.21 PK	112.8	*		7.38	10.16	17.54
2	5850 PK	59.29	68.2	-8.91	-46.13	10.16	-35.97
3	5853.32 PK	62.48	68.2	-5.72	-42.94	10.16	-32.78
4	5711.42 AV	101.59	*		-3.83	10.16	6.33
5	5850 AV	47.88	#		-57.54	10.16	-47.38
6	5868.62 AV	48.02	#		-57.4	10.16	-47.24

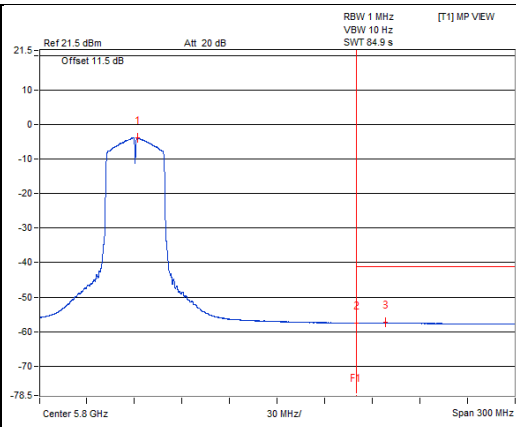
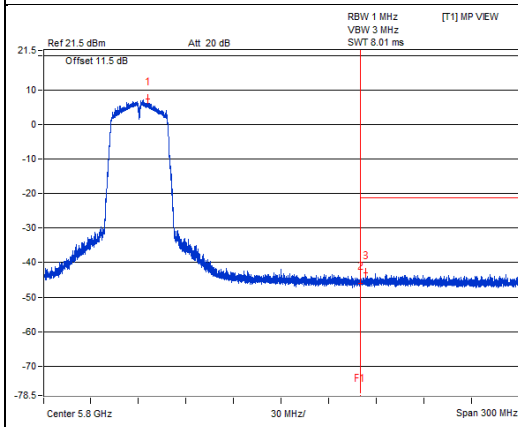
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



802.11ac (VHT40) – Channel 151

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5912.5 PK	54.09	68.2	-14.11	-50.48	9.31	-41.17
2	4739.06 PK	48.98	74	-25.02	-55.59	9.31	-46.28
3	5912.5 PK	54.09	68.2	-14.11	-50.48	9.31	-41.17
4	17260.5 PK	46.67	68.2	-21.53	-57.9	9.31	-48.59
5	39904.37 PK	40.89	74	-33.11	-63.68	9.31	-54.37
6	6234.37 AV	43.16	#		-61.41	9.31	-52.1
7	4990.62 AV	28.1	54	-25.9	-76.47	9.31	-67.16
8	6234.37 AV	43.16	#		-61.41	9.31	-52.1
9	17261.93 AV	34.19	#		-70.38	9.31	-61.07
10	39476.87 AV	28.39	54	-25.61	-76.18	9.31	-66.87

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

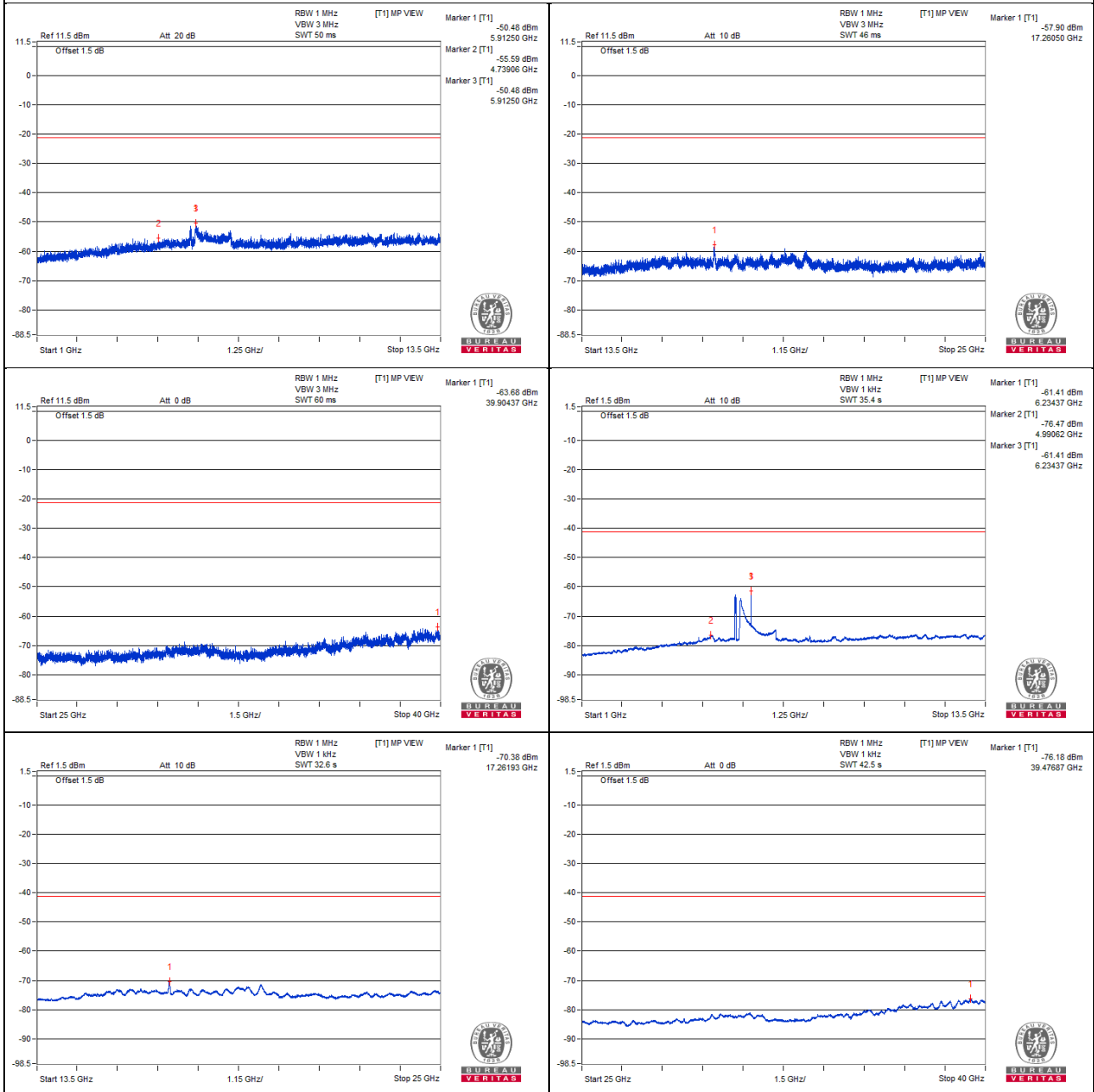
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5768.75 PK	54.8	*		-50.69	10.23	-40.46
2	5028.12 PK	50.53	74	-23.47	-54.96	10.23	-44.73
3	12835.93 PK	52.75	68.2	-15.45	-52.74	10.23	-42.51
4	17250.43 PK	47.89	68.2	-20.31	-57.6	10.23	-47.37
5	39516.25 PK	41.19	74	-32.81	-64.3	10.23	-54.07
6	5767.18 AV	44.17	*		-61.32	10.23	-51.09
7	5021.87 AV	29.67	54	-24.33	-75.82	10.23	-65.59
8	5903.12 AV	38.55	#		-66.94	10.23	-56.71
9	17263.37 AV	36.46	#		-69.03	10.23	-58.8
10	39482.5 AV	29.28	54	-24.72	-76.21	10.23	-65.98

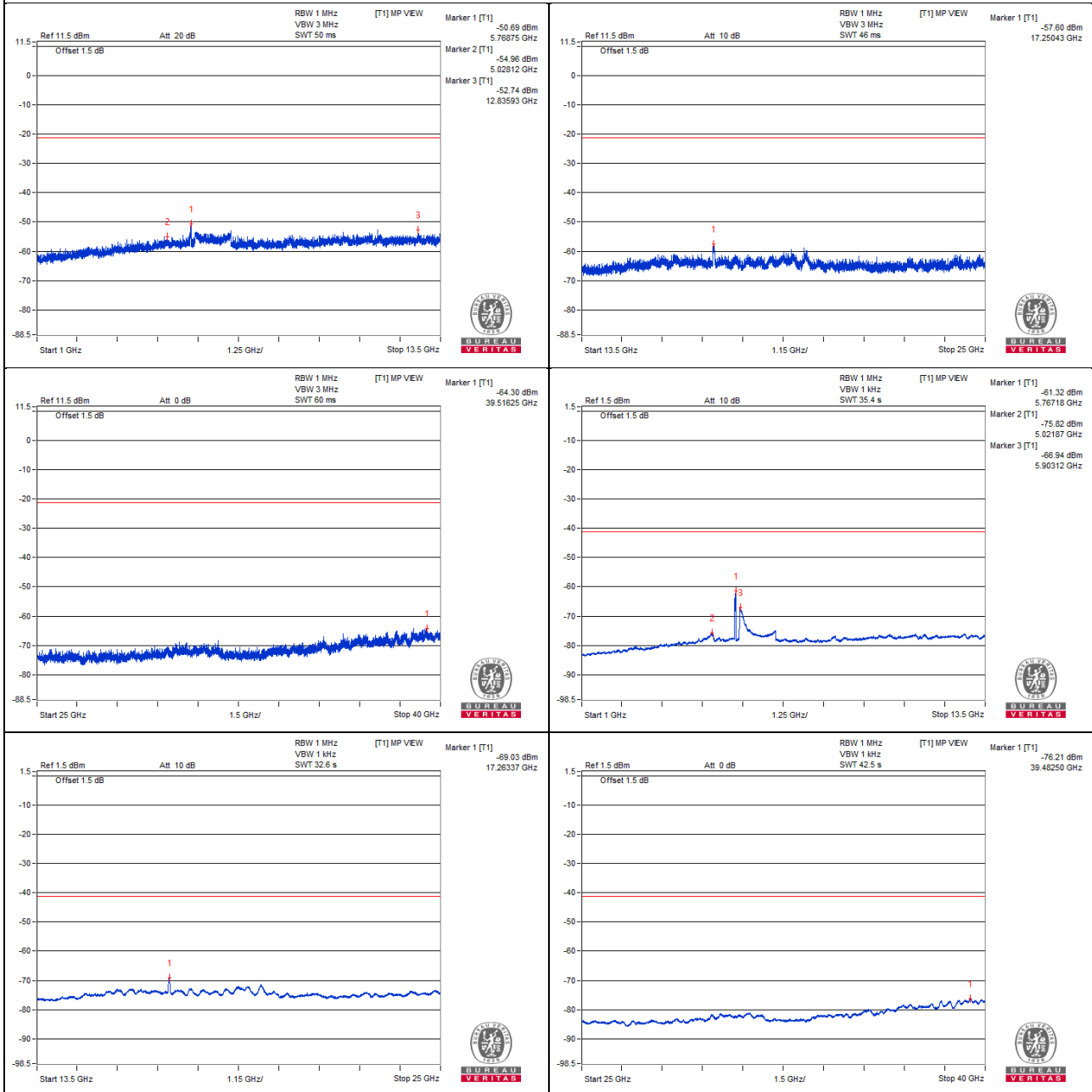
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0

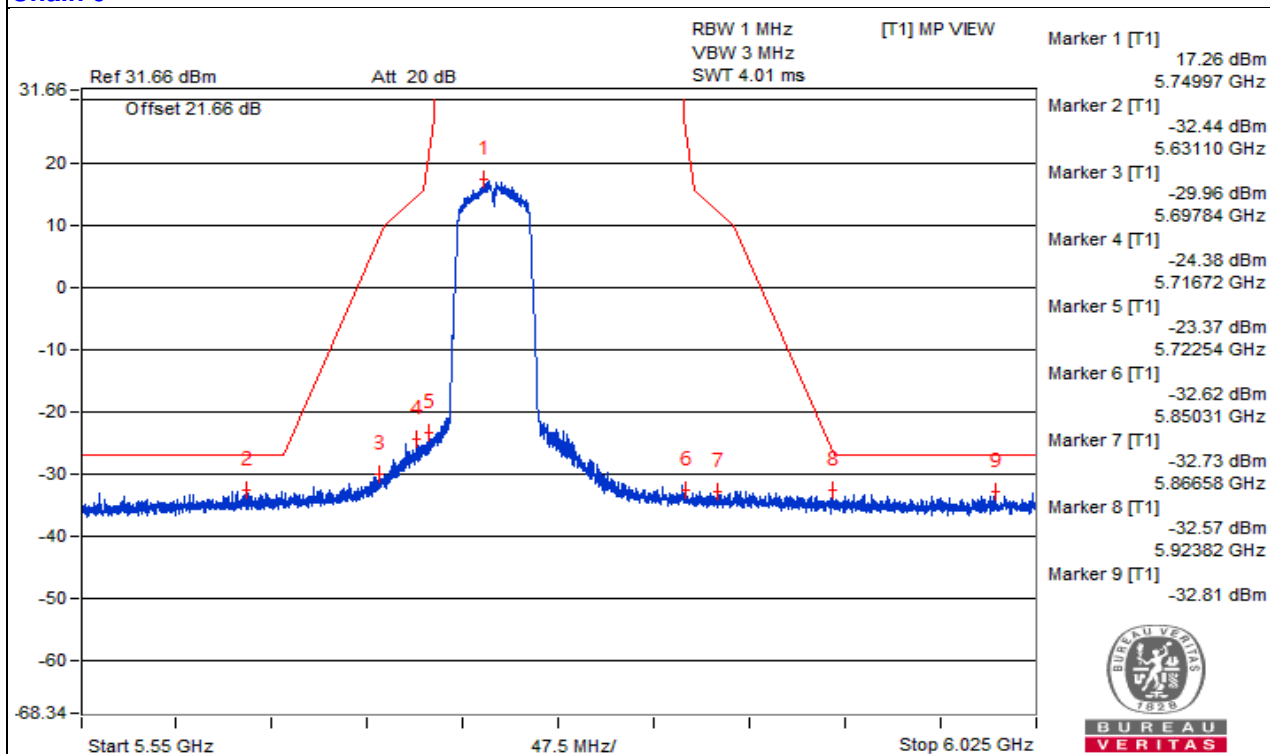


Chain 1

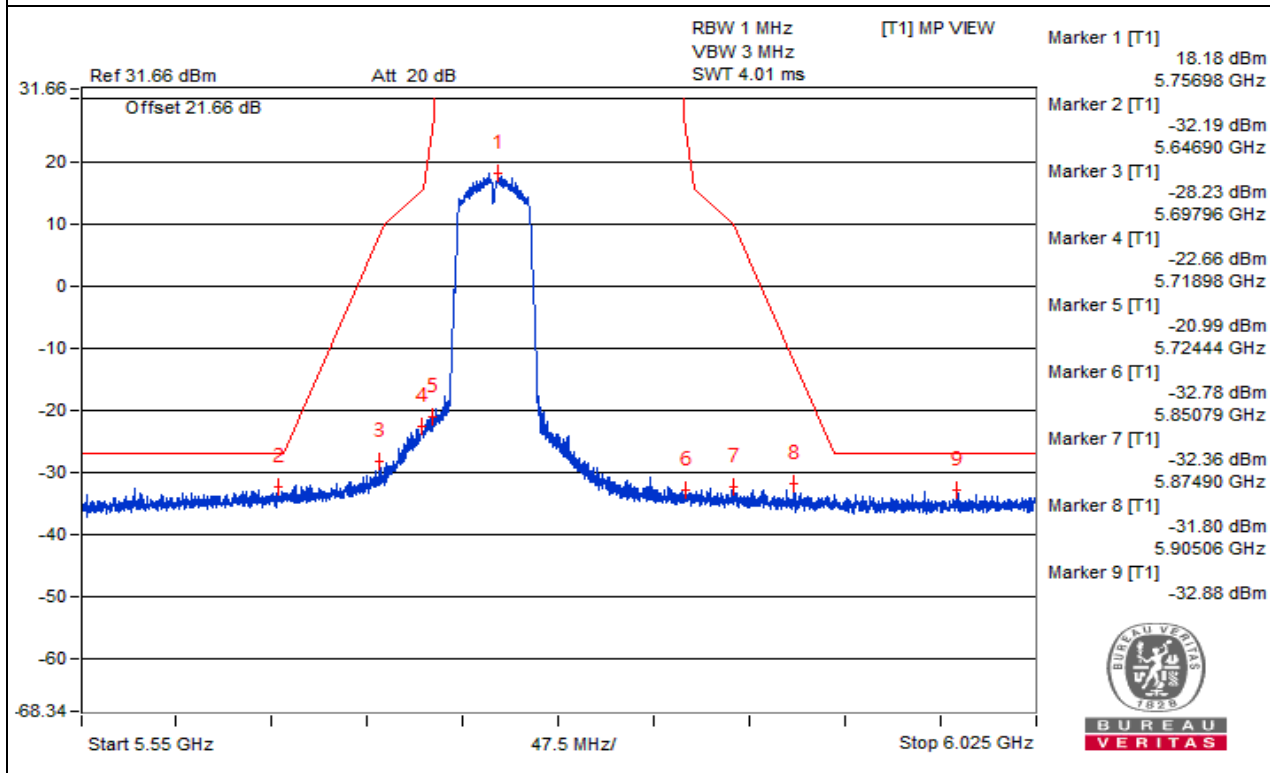


Bandedge table

Chain 0



Chain 1



Note:

1. The offset including attenuator (10dB), cable loss (1.5 dB), antenna gain (7.15 dBi) and $10\log_2(3.01\text{dB})$.
2. The test results were EIRP.

802.11ac (VHT40) – Channel 159
Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5806.25 PK	54.34	*		-50.23	9.31	-40.92
2	5007.81 PK	49.32	74	-24.68	-55.25	9.31	-45.94
3	5806.25 PK	54.34	*		-50.23	9.31	-40.92
4	17395.62 PK	45.26	68.2	-22.94	-59.31	9.31	-50
5	39898.75 PK	40.42	74	-33.58	-64.15	9.31	-54.84
6	5806.25 AV	43.13	*		-61.44	9.31	-52.13
7	4635.93 AV	34.3	54	-19.7	-70.27	9.31	-60.96
8	5806.25 AV	43.13	*		-61.44	9.31	-52.13
9	17398.5 AV	33.59	#		-70.98	9.31	-61.67
10	39488.12 AV	28.32	54	-25.68	-76.25	9.31	-66.94

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

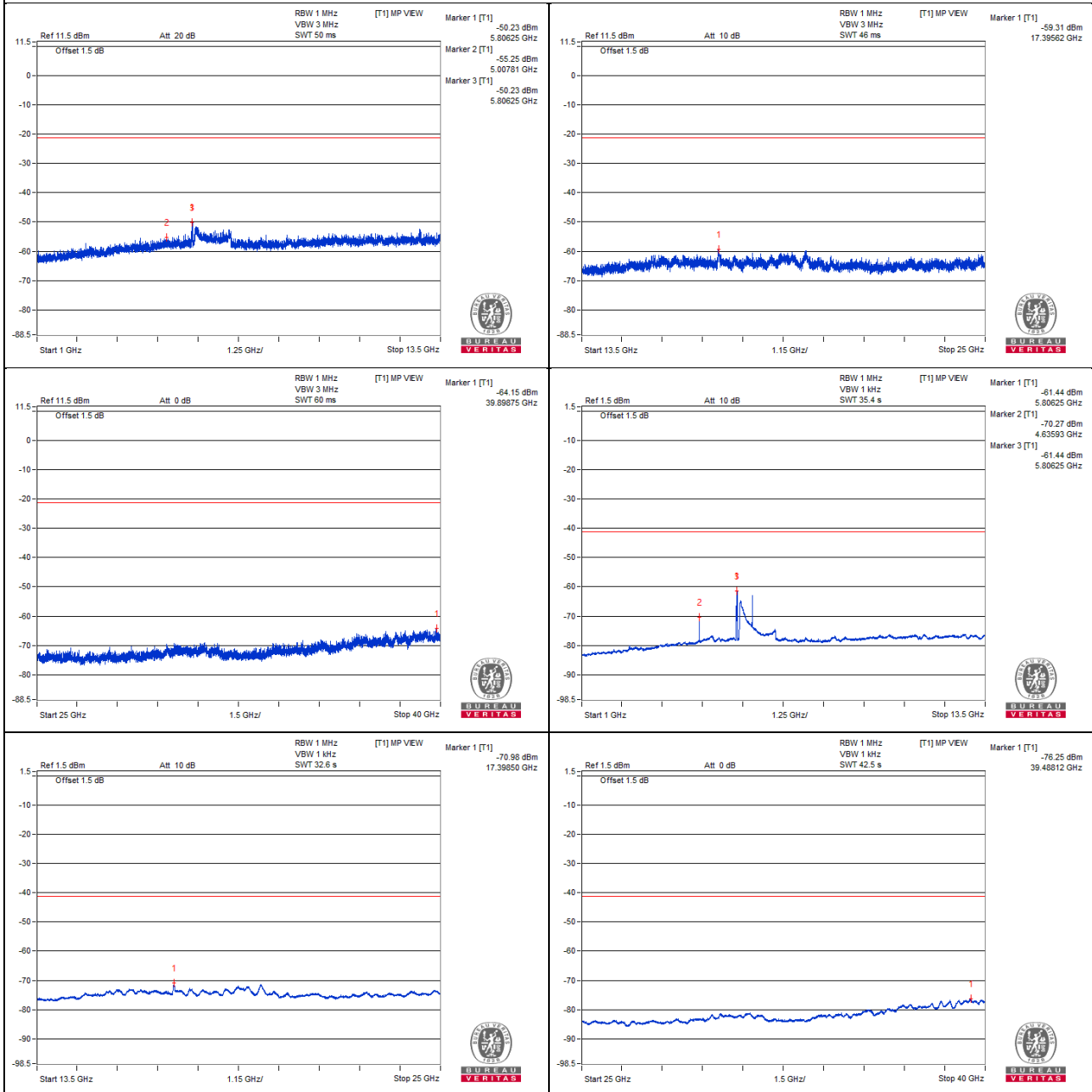
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5810.93 PK	54.59	*		-50.9	10.23	-40.67
2	4981.25 PK	50.16	74	-23.84	-55.33	10.23	-45.1
3	5810.93 PK	54.59	*		-50.9	10.23	-40.67
4	17387 PK	46.7	68.2	-21.5	-58.79	10.23	-48.56
5	39450.62 PK	41.99	74	-32.01	-63.5	10.23	-53.27
6	5809.37 AV	42.66	*		-62.83	10.23	-52.6
7	4635.93 AV	39.05	54	-14.95	-66.44	10.23	-56.21
8	5809.37 AV	42.66	*		-62.83	10.23	-52.6
9	17387 AV	34.8	#		-70.69	10.23	-60.46
10	39473.12 AV	29.31	54	-24.69	-76.18	10.23	-65.95

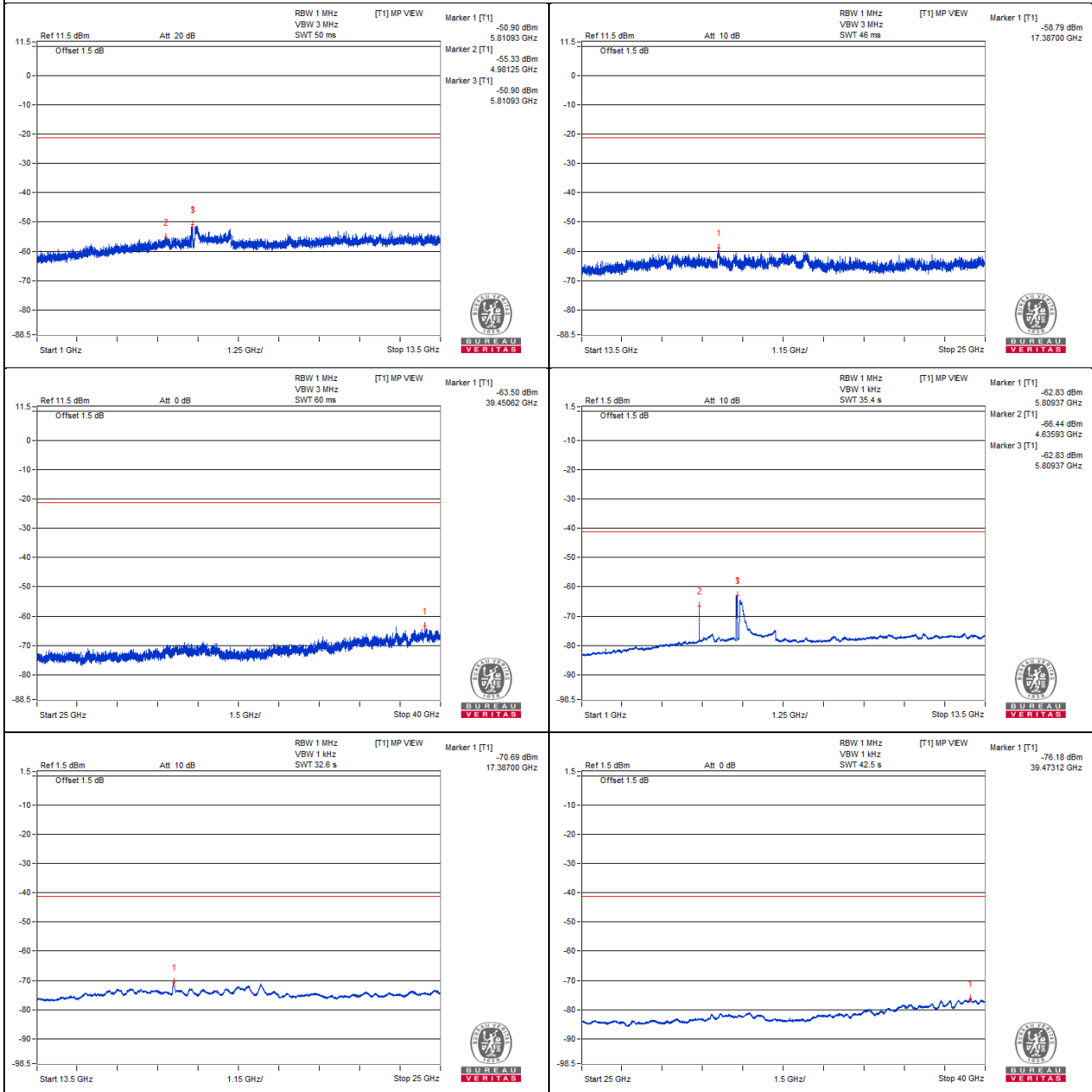
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0

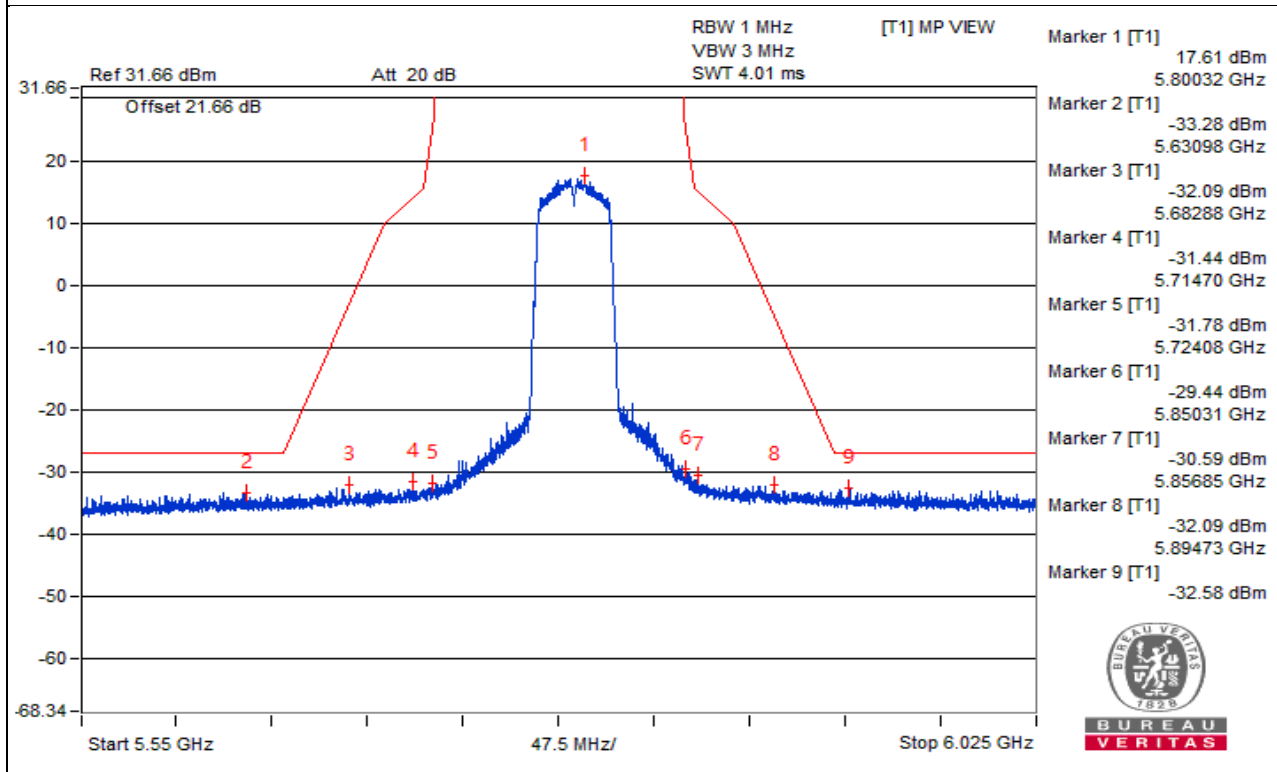


Chain 1

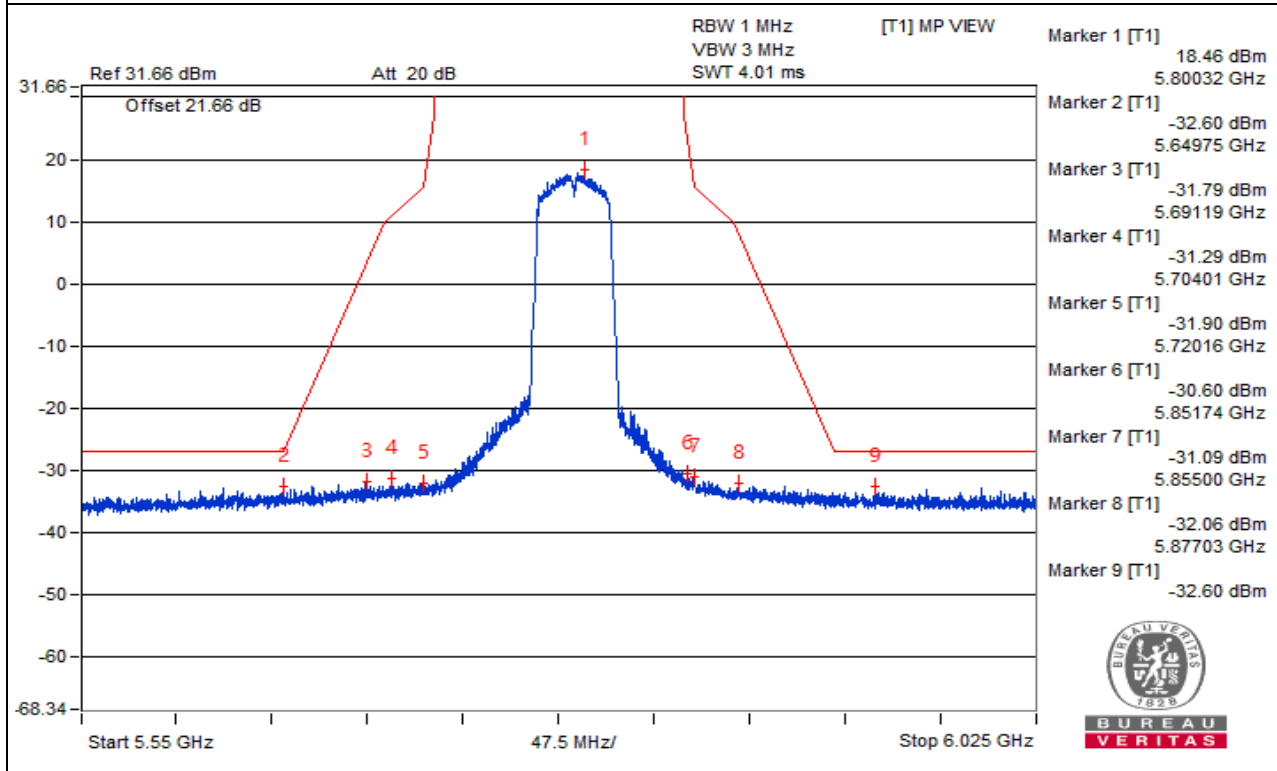


Bandedge table

Chain 0



Chain 1



Note:

1. The offset including attenuator (10dB), cable loss (1.5 dB), antenna gain (7.15 dBi) and $10\log_2(3.01\text{dB})$.
2. The test results were EIRP.

802.11ac (VHT80) - Channel 42

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	11985.93 PK	51.75	74	-22.25	-52.82	9.31	-43.51
2	5046.87 PK	50.28	74	-23.72	-54.29	9.31	-44.98
3	11985.93 PK	51.75	74	-22.25	-52.82	9.31	-43.51
4	19881.06 PK	45.2	74	-28.8	-59.37	9.31	-50.06
5	39902.5 PK	40.09	74	-33.91	-64.48	9.31	-55.17
6	8335.93 AV	38.04	54	-15.96	-66.53	9.31	-57.22
7	4729.68 AV	35.18	54	-18.82	-69.39	9.31	-60.08
8	8335.93 AV	38.04	54	-15.96	-66.53	9.31	-57.22
9	19881.06 AV	33.13	54	-20.87	-71.44	9.31	-62.13
10	39452.5 AV	28.27	54	-25.73	-76.3	9.31	-66.99

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)

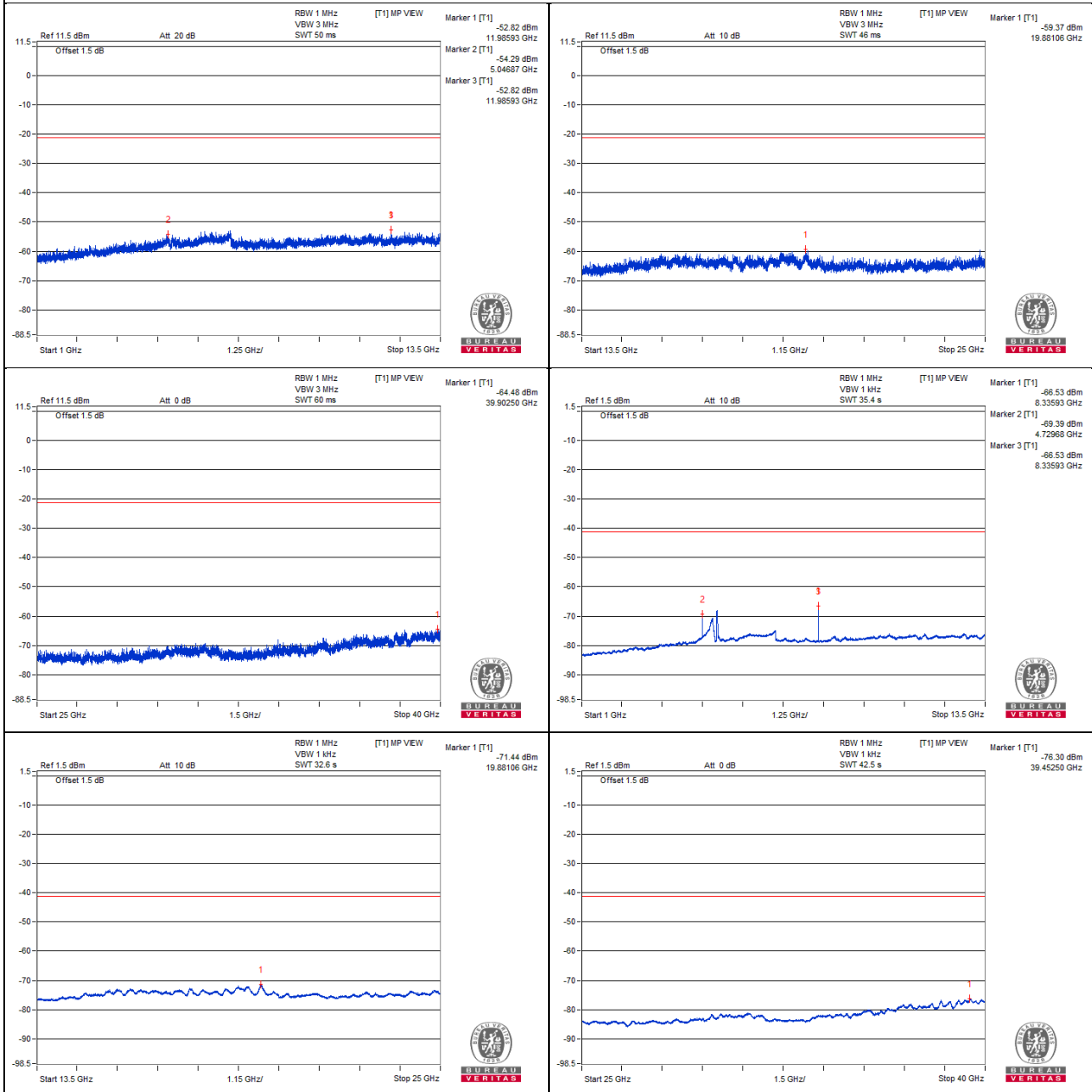
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	6973.43 PK	52.94	68.2	-15.26	-52.55	10.23	-42.32
2	5026.56 PK	51.56	74	-22.44	-53.93	10.23	-43.7
3	6973.43 PK	52.94	68.2	-15.26	-52.55	10.23	-42.32
4	19876.75 PK	46.14	74	-27.86	-59.35	10.23	-49.12
5	39493.75 PK	41.08	74	-32.92	-64.41	10.23	-54.18
6	5181.25 AV	35.96	*		-69.53	10.23	-59.3
7	5050 AV	35.09	54	-18.91	-70.4	10.23	-60.17
8	6998.43 AV	30.62	#		-74.87	10.23	-64.64
9	19875.31 AV	34.07	54	-19.93	-71.42	10.23	-61.19
10	39486.25 AV	29.17	54	-24.83	-76.32	10.23	-66.09

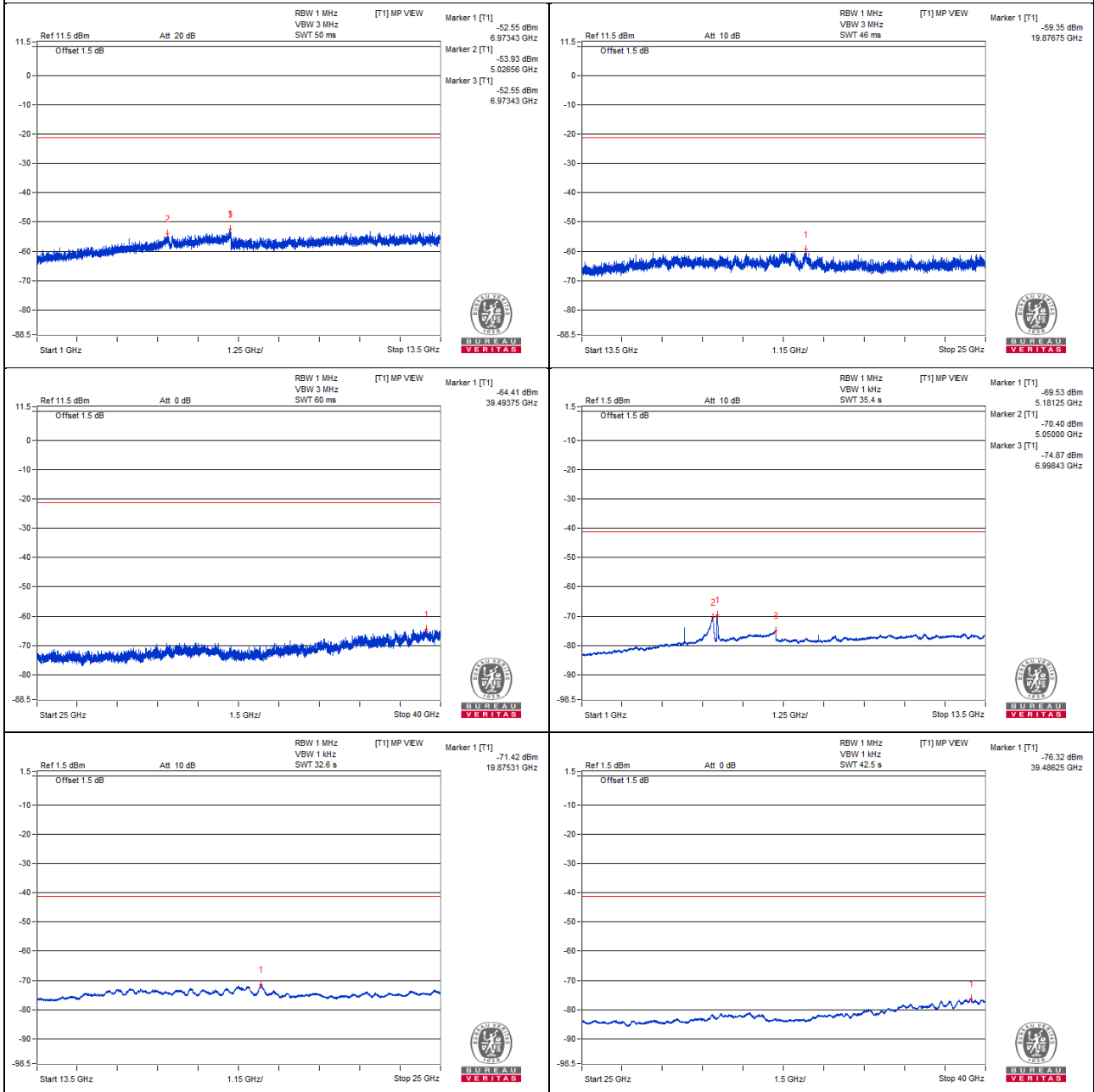
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5196.17 PK	102.9	*		-0.97	8.61	7.64
2	5150 PK	62.7	74	-11.3	-41.17	8.61	-32.56
3	5149.65 PK	64.82	74	-9.18	-39.05	8.61	-30.44
4	5211.12 AV	91.12	*		-12.75	8.61	-4.14
5	5150 AV	50.32	54	-3.68	-53.55	8.61	-44.94
6	5149.87 AV	50.36	54	-3.64	-53.51	8.61	-44.9

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

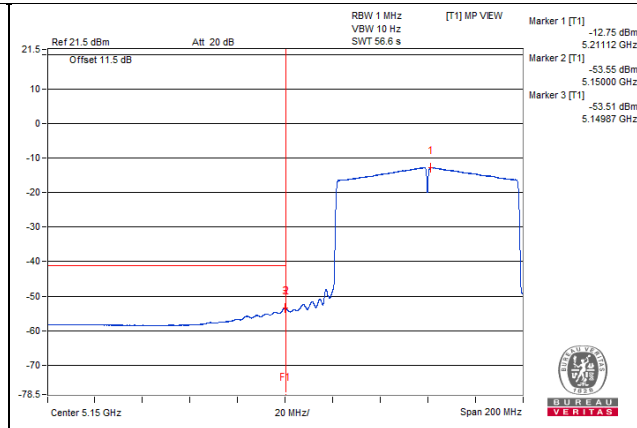
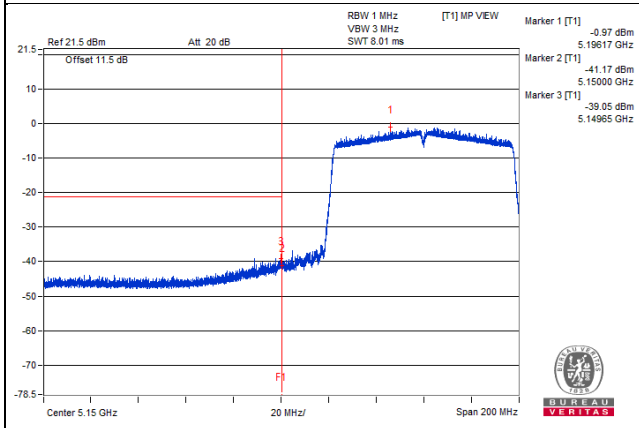
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5214.65 PK	100.99	*		-1.75	7.48	5.73
2	5150 PK	59.55	74	-14.45	-43.19	7.48	-35.71
3	5149.7 PK	61.97	74	-12.03	-40.77	7.48	-33.29
4	5208.85 AV	89.54	*		-13.2	7.48	-5.72
5	5150 AV	47.92	54	-6.08	-54.82	7.48	-47.34
6	5149.72 AV	47.99	54	-6.01	-54.75	7.48	-47.27

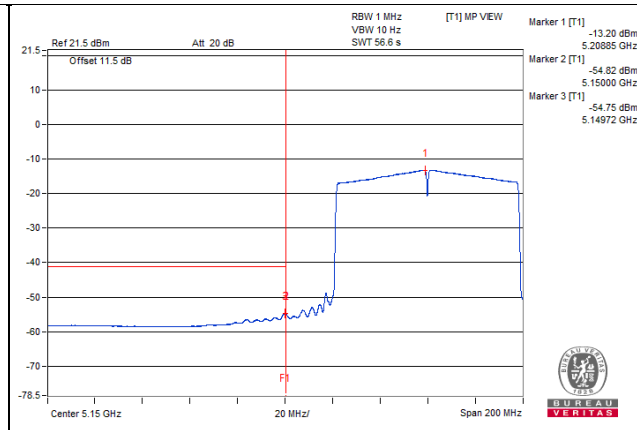
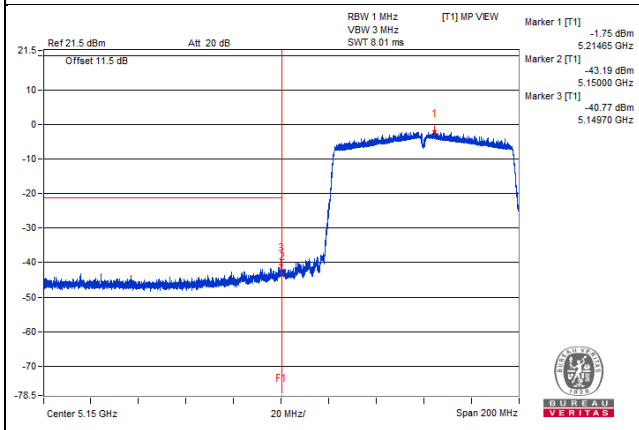
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

Chain 0



Chain 1



802.11ac (VHT80) - Channel 58

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5284.37 PK	52.17	*		-52.4	9.31	-43.09
2	4993.75 PK	50.45	74	-23.55	-54.12	9.31	-44.81
3	6846.87 PK	51.73	68.2	-16.47	-52.84	9.31	-43.53
4	19863.81 PK	45.13	74	-28.87	-59.44	9.31	-50.13
5	39343.75 PK	40.93	74	-33.07	-63.64	9.31	-54.33
6	5290.62 AV	41.03	*		-63.54	9.31	-54.23
7	4809.37 AV	34.83	54	-19.17	-69.74	9.31	-60.43
8	8464.06 AV	33.66	54	-20.34	-70.91	9.31	-61.6
9	19869.56 AV	33.11	54	-20.89	-71.46	9.31	-62.15
10	39454.37 AV	28.27	54	-25.73	-76.3	9.31	-66.99

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	6990.62 PK	52.88	68.2	-15.32	-52.61	10.23	-42.38
2	4995.31 PK	52.05	74	-21.95	-53.44	10.23	-43.21
3	6990.62 PK	52.88	68.2	-15.32	-52.61	10.23	-42.38
4	19871 PK	45.87	74	-28.13	-59.62	10.23	-49.39
5	39842.5 PK	41.81	74	-32.19	-63.68	10.23	-53.45
6	5290.62 AV	39.5	*		-65.99	10.23	-55.76
7	4231.25 AV	37.49	54	-16.51	-68	10.23	-57.77
8	6996.87 AV	30.45	#		-75.04	10.23	-64.81
9	19868.12 AV	34.02	54	-19.98	-71.47	10.23	-61.24
10	39456.25 AV	29.22	54	-24.78	-76.27	10.23	-66.04

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.