

FCC Test Report

Report No.: RFBARR-WTW-P21030485A-5

FCC ID: RAS-MT7922A22M

Test Model: MT7922A22M

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Test Date: May 11~ May 19, 2021

Issued Date: Jun. 24, 2021

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Release Control Record

Issue No.	Description	Date Issued
RFBARR-WTW-P21030485A-5	Original release	Jun. 24, 2021

1 Certificate of Conformity

Product: 2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card

Brand: MediaTek

Test Model: MT7922A22M

Sample Status: Engineering sample

Applicant: MediaTek Inc.

Test Date: May 11~ May 19, 2021

Standards: 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 RF characteristics under the conditions specified in this report.

Prepared by : Celine Chou , **Date:** Jun. 24, 2021
Celine Chou / Senior Specialist

Approved by : Bruce Chen , **Date:** Jun. 24, 2021
Bruce Chen / Senior Project Engineer

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
FCC Clause	Test Item	Result	Remarks
15.407(b)(8)	AC Power Conducted Emissions	NA	Refer to Note 1 below
15.407(b) (1/2/3/4(i/ii)/8)	Radiated Emissions & Band Edge Measurement	Pass	Meet the requirement of limit. Minimum passing margin is -0.06dB at 5350.00MHz.
15.407(a)(1/2/3)	Max Average Transmit Power	NA	Refer to Note 1 below
---	Occupied Bandwidth Measurement	NA	Refer to Note 1 below
15.407(a)(1/2/3)	Peak Power Spectral Density	NA	Refer to Note 1 below
15.407(e)	6dB bandwidth	NA	Refer to Note 1 below
15.407(g)	Frequency Stability	NA	Refer to Note 1 below
15.203	Antenna Requirement	Pass	Antenna connector are i-pex(MHF) · RP SMA PLUG or R-SMA not a standard connector.

Note:

- Only Radiated Emissions and Band Edge test items for dipole antenna were performed for this addendum. The others testing data refer to original test report.
- For U-NII-3 band compliance with rule part 15.407(b)(4)(i), the OOB test plots were recorded in Annex A.
- For U-NII-1, U-NII-2A, U-NII-2C band compliance with rule 15.407(b) of the band-edge items, the test plots were recorded in Annex B. Test Procedures refer to report 4.1.3.
- 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) (±)
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.04 dB
	30MHz ~ 200MHz	3.59 dB
	200MHz ~ 1000MHz	3.60 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	2.29 dB
	18GHz ~ 40GHz	2.29 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card
Brand	MediaTek
Test Model	MT7922A22M
Sample Status	Engineering sample
Power Supply Rating	3.3 Vdc from host equipment
Modulation Type	256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6Mbps 802.11n: up to 300Mbps 802.11ac: up to 1733.3Mbps 802.11ax: up to 2401.9Mbps
Operating Frequency	5180 ~ 5320MHz, 5500 ~ 5720MHz, 5745 ~ 5825MHz
Number of Channel	5180 ~ 5320MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 8 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 4 802.11ac (VHT80), 802.11ax (HE80): 2 802.11ac (VHT160), 802.11ax (HE160): 1 5500 ~ 5720MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 12 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 6 802.11ac (VHT80), 802.11ax (HE80): 3 802.11ac (VHT160), 802.11ax (HE160): 1 5745 ~ 5825MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 5 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 2 802.11ac (VHT80), 802.11ax (HE80): 1
Output Power	5180 ~ 5250MHz: 197.711mW 5250 ~ 5320MHz: 195.456mW 5500 ~ 5720MHz: 208.264mW 5745 ~ 5825MHz: 250.930mW
Antenna Type	Refer to note
Antenna Connector	Refer to note
Accessory Device	NA
Cable Supplied	NA

Note:

- This report is prepared for FCC class II permissive change. The difference compared with the Report No.: RFBARR-WTW-P21030485-5 as the following:
 - ◆ Add 6GHz band.
 - ◆ Add Dipole antennas.

Original

Ant. No.	RF Chain No.	Brand	Model	Antenna Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
1	Chain0	PSA	RFMTA340718EMLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex(MHF)	200
2	Chain1	PSA	RFMTA340718EMLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex(MHF)	200
3	Chain0	PSA	RFMTA311020EMMB301	1.71 4.82 4.76 4.29 4.61 4.09	2.4~2.4835 5.15~5.85 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	PIFA	i-pex(MHF)	200
4	Chain1	PSA	RFMTA311020EMMB301	1.71 4.82 4.76 4.29 4.61 4.09	2.4~2.4835 5.15~5.85 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	PIFA	i-pex(MHF)	200

Newly

Ant. No.	RF Chain No.	Brand	Model	Antenna Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
5	Chain0	VSO	JR2Q00340-1	1.62 3.20 3.93 3.61 3.61 3.14	2.4~2.4835 5.15~5.85 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Dipole	RP SMA PLUG	40
6	Chain1	VSO	JR2Q00340-1	1.62 3.20 3.93 3.61 3.61 3.14	2.4~2.4835 5.15~5.85 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Dipole	RP SMA PLUG	40
7	Chain0	Cortec	AN2450-4902BRS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150
8	Chain1	Cortec	AN2450-4902BRS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150

Note: Above Dipole antennas, max. gain was selected for the final test.

* The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

2. According to above conditions and there is no increase in authorized power level, only Radiated Emissions and Band Edge test items for dipole antenna need to be performed, and all data was verified to meet the requirements.
3. The EUT incorporates a MIMO function. Physically, the EUT provides 2 completed transmitters and 2 receivers.

Modulation Mode	TX & RX Configuration	
802.11a	2TX	2RX
802.11n (HT20)	2TX	2RX
802.11n (HT40)	2TX	2RX
802.11ac (VHT20)	2TX	2RX
802.11ac (VHT40)	2TX	2RX
802.11ac (VHT80)	2TX	2RX
802.11ac (VHT160)	2TX	2RX
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (HE80)	2TX	2RX
802.11ax (HE160)	2TX	2RX
802.11ax (RU26/52/106/242/484/996/996*2)	2TX	2RX

* The bandwidth and modulation are similar for HT20/HT40 on 802.11n mode and VHT20/VHT40 on 802.11ac mode and HE20/HE40 on 802.11ax mode. The bandwidth and modulation are similar for VHT80/VHT160 on 802.11ac mode and HE80/HE160 on 802.11ax mode. Therefore the investigated worst case is the representative mode in test report. (Final test mode refer section 3.2.1)

* For Partial RU, after pre-tested, only the worse cases were chosen for final test and presented in the test report. (Final test mode refer section 3.2.1)

4. There are Bluetooth and WLAN (2.4GHz & 5GHz & 6GHz) technology used for the EUT.

5. Simultaneously transmission condition.

Condition	Technology	
1	WLAN (5GHz)	Bluetooth
2	WLAN (6GHz)	Bluetooth

Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.

3.2 Description of Test Modes

For 5180 ~ 5320MHz:

8 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

Channel	Frequency	Channel	Frequency
36	5180 MHz	44	5220 MHz
40	5200 MHz	48	5240 MHz
52	5260 MHz	60	5300 MHz
56	5280 MHz	64	5320 MHz

4 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40):

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz
54	5270 MHz	62	5310 MHz

2 channels are provided for 802.11ac (VHT80), 802.11ax (HE80):

Channel	Frequency	Channel	Frequency
42	5210MHz	58	5290MHz

1 channel is provided for 802.11ac (VHT160), 802.11ax (HE160):

Channel	Frequency
50	5250MHz

For 5500 ~ 5720MHz:

12 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

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), 802.11ax (HE40):

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), 802.11ax (HE80):

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

1 channel is provided for 802.11ac (VHT160), 802.11ax (HE160):

Channel	Frequency
114	5570MHz

For 5745 ~ 5825MHz:

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

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

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40):

Channel	Frequency	Channel	Frequency
151	5755MHz	159	5795MHz

1 channel is provided for 802.11ac (VHT80), 802.11ax (HE80):

Channel	Frequency
155	5775MHz

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable to		Description
	RE $\geq$ 1G	RE<1G	
-	√	√	-

Where RE $\geq$ 1G: Radiated Emission above 1GHz & Bandedge Measurement

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 **X-plane**.
- Radiated emission test (below 1GHz) test item chosen the worst maximum power from original test report.

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.

EUT Configure Mode	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)
-	802.11a	5180-5250	36 to 48	36, 40, 48	OFDM	6.0
	802.11ax (HE20)_RU26		36 to 48	36	OFDMA	MCS0
	802.11ax (HE20)_RU52		36 to 48	48	OFDMA	MCS0
	802.11ax (HE20)_RU106		36 to 48	36	OFDMA	MCS0
	802.11ax (HE20)_Full RU		36 to 48	36, 40, 48	OFDMA	MCS0
	802.11ax (HE40)_Full RU		38 to 46	38, 46	OFDMA	MCS0
	802.11ax (HE80)_Full RU		42	42	OFDMA	MCS0
	802.11ax (HE160)_Full RU		50	50	OFDMA	MCS0
-	802.11a	5250-5320	52 to 64	52, 60, 64	OFDM	6.0
	802.11ax (HE20)_RU26		52 to 64	64	OFDMA	MCS0
	802.11ax (HE20)_RU106		52 to 64	64	OFDMA	MCS0
	802.11ax (HE20)_Full RU		52 to 64	52, 60, 64	OFDMA	MCS0
	802.11ax (HE40)_Full RU		54 to 62	54, 62	OFDMA	MCS0
	802.11ax (HE80)_Full RU		58	58	OFDMA	MCS0
	802.11ax (HE160)_Full RU		50	50	OFDMA	MCS0
-	802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	6.0
	802.11ax (HE20)_RU26		100 to 144	100, 140	OFDMA	MCS0
	802.11ax (HE20)_RU106		100 to 144	100, 140	OFDMA	MCS0
	802.11ax (HE20)_Full RU		100 to 144	100, 116, 140, 144	OFDMA	MCS0
	802.11ax (HE40)_Full RU		102 to 142	102, 110, 134, 142	OFDMA	MCS0
	802.11ax (HE80)_Full RU		106 to 138	106, 122, 138	OFDMA	MCS0
	802.11ax (HE160)_Full RU		114	114	OFDMA	MCS0
-	802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	6.0
	802.11ax (HE20)_RU26		149 to 165	149, 165	OFDMA	MCS0
	802.11ax (HE20)_RU52		149 to 165	165	OFDMA	MCS0
	802.11ax (HE20)_RU106		149 to 165	149, 165	OFDMA	MCS0
	802.11ax (HE20)_Full RU		149 to 165	149, 157, 165	OFDMA	MCS0
	802.11ax (HE40)_Full RU		151 to 159	151, 159	OFDMA	MCS0
	802.11ax (HE80)_Full RU		155	155	OFDMA	MCS0

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.

EUT Configure Mode	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)
-	802.11a	5180-5250	36 to 48	165	OFDM	6.0
-	802.11a	5250-5320	52 to 64		OFDM	6.0
-	802.11a	5500-5720	100 to 144		OFDM	6.0
-	802.11a	5745-5825	149 to 165		OFDM	6.0

Test Condition:

Applicable to	Environmental Conditions	Input Power (System)	Tested by
RE_≥1G	19 deg. C, 74% RH	120Vac, 60Hz	Dalen Dai
	23 deg. C, 69% RH		Luis Lee
RE<1G	21 deg. C, 64% RH	120Vac, 60Hz	Luis Lee

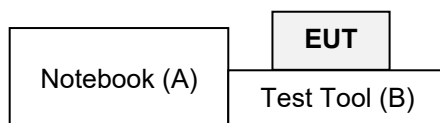
3.3 Description of Support Units

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.	Notebook	DELL	E5410	1HC2XM1	FCC DoC Approved	-
B.	Test Tool	Media Tek	MTK1849	N/A	N/A	Provided by manufacturer

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

3.3.1 Configuration of System under Test



3.4 General Description of Applied Standards 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

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 (dBuV/m)	AV: 54 (dBuV/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(dBuV/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(dBuV/m) ^{*1} PK: 105.2 (dBuV/m) ^{*2} PK: 110.8(dBuV/m) ^{*3} PK: 122.2 (dBuV/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:

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

4.1.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver KEYSIGHT	N9038A	MY55420137	Apr. 09, 2021	Apr. 08, 2022
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100039	Jun. 12, 2020	Jun. 11, 2021
BILOG Antenna SCHWARZBECK	VULB9168	9168-160	Nov. 06, 2020	Nov. 05, 2021
HORN Antenna SCHWARZBECK	BBHA 9120 D	9120D-1169	Nov. 22, 2020	Nov. 21, 2021
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Nov. 22, 2020	Nov. 21, 2021
Loop Antenna TESEQ	HLA 6121	45745	Jul. 06, 2020	Jul. 05, 2021
Preamplifier Agilent (Below 1GHz)	8447D	2944A10638	Jun. 08, 2020	Jun. 07, 2021
Preamplifier Agilent (Above 1GHz)	8449B	3008A02367	Feb. 17, 2021	Feb. 16, 2022
RF signal cable HUBER+SUHNER&EMCI	SUCOFLEX 104 & EMC104-SM-SM8 000	CABLE-CH9-02 (248780+171006)	Jan. 16, 2021	Jan. 15, 2022
RF signal cable HUBER+SUHNER	SUCOFLEX 104	CABLE-CH9-(250795/4)	Jan. 16, 2021	Jan. 15, 2022
RF signal cable Woken	8D-FB	Cable-CH9-01	Jun. 08, 2020	Jun. 07, 2021
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	NA	NA	NA
Antenna Tower & Turn BV ADT	AT100	AT93021705	NA	NA
Turn Table BV ADT	TT100	TT93021705	NA	NA
Turn Table Controller BV ADT	SC100	SC93021705	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
Pre-amplifier (18GHz-40GHz) EMC	EMC184045B	980175	Sep. 04, 2020	Sep. 03, 2021

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 HwaYa Chamber 9.

4.1.3 Test Procedures

For Radiated emission below 30MHz

- a. 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.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. 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. 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.

For Radiated emission above 30MHz

- a. 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.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. 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.
- d. 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. 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.
- f. The test-receiver system was set to peak and average detect 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:

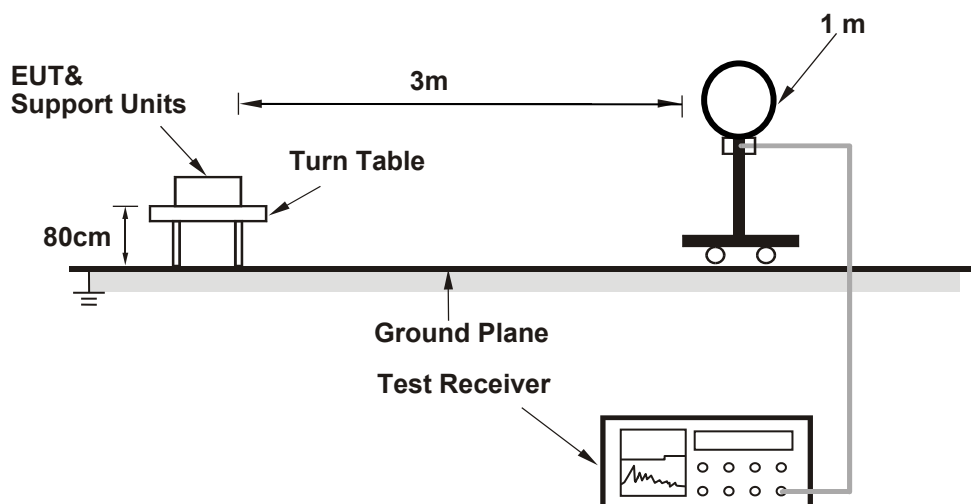
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
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. (according to original report, 802.11a: RBW = 1MHz, VBW = 1kHz; 802.11ax (HE20)_RU26, RU52, RU106 and Full RU: RBW = 1MHz, VBW = 1kHz; 802.11ax (HE40): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE80): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE160): RBW = 1MHz, VBW = 3kHz)
4. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Deviation from Test Standard

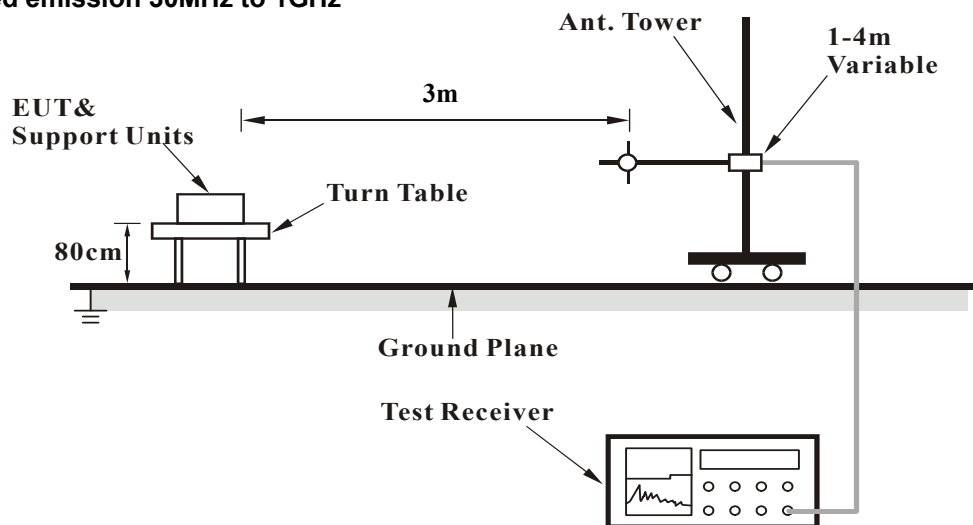
No deviation.

4.1.5 Test Setup

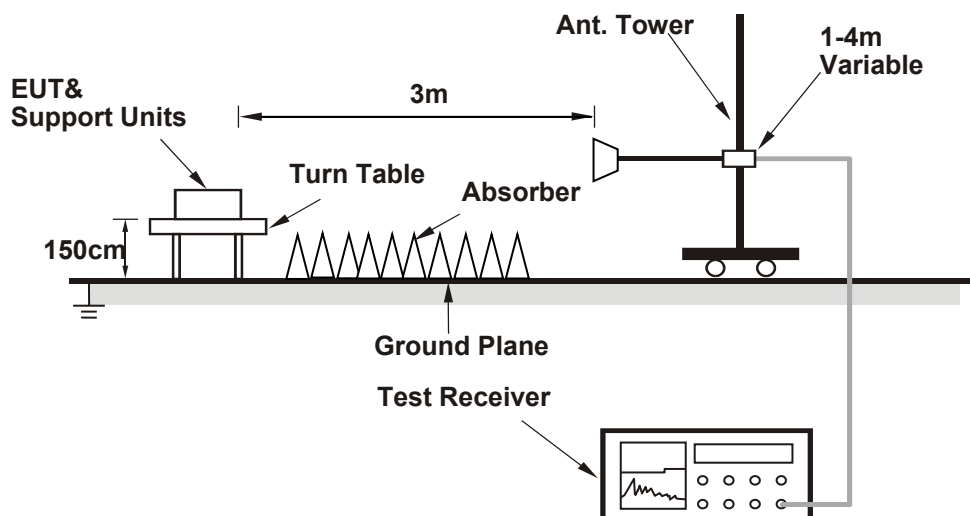
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



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

4.1.6 EUT Operating Conditions

- a. Set the EUT under transmission condition continuously at specific channel frequency.

4.1.7 Test Results

Above 1GHz data:

RF Mode	TX 802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.50 PK	74.00	-12.50	1.12 H	256	58.21	3.29
2	5150.00	48.70 AV	54.00	-5.30	1.12 H	256	45.41	3.29
3	*5180.00	112.70 PK			1.12 H	256	71.89	40.81
4	*5180.00	102.10 AV			1.12 H	256	61.29	40.81
5	#10360.00	57.20 PK	68.20	-11.00	1.50 H	211	49.13	8.07
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	66.20 PK	74.00	-7.80	3.43 V	211	62.91	3.29
2	5150.00	50.40 AV	54.00	-3.60	3.43 V	211	47.11	3.29
3	*5180.00	119.20 PK			3.43 V	211	78.39	40.81
4	*5180.00	108.70 AV			3.43 V	211	67.89	40.81
5	#10360.00	64.40 PK	68.20	-3.80	2.53 V	268	56.33	8.07

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.
5. " * " : Fundamental frequency.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	111.80 PK			1.14 H	261	71.00	40.80
2	*5200.00	101.30 AV			1.14 H	261	60.50	40.80
3	#10400.00	57.40 PK	68.20	-10.80	1.47 H	217	49.35	8.05
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	119.60 PK			3.46 V	209	78.80	40.80
2	*5200.00	109.10 AV			3.46 V	209	68.30	40.80
3	#10400.00	64.80 PK	68.20	-3.40	2.51 V	267	56.75	8.05

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	102.20 PK			1.15 H	258	61.39	40.81
2	*5240.00	101.80 AV			1.15 H	258	60.99	40.81
3	5350.00	59.40 PK	74.00	-14.60	1.15 H	258	56.50	2.90
4	5350.00	48.30 AV	54.00	-5.70	1.15 H	258	45.40	2.90
5	#10480.00	57.50 PK	68.20	-10.70	1.53 H	210	49.77	7.73
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	119.30 PK			3.40 V	222	78.49	40.81
2	*5240.00	108.90 AV			3.40 V	222	68.09	40.81
3	5350.00	61.20 PK	74.00	-12.80	3.40 V	222	58.30	2.90
4	5350.00	49.50 AV	54.00	-4.50	3.40 V	222	46.60	2.90
5	#10480.00	64.20 PK	68.20	-4.00	2.55 V	272	56.47	7.73

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.76 PK	74.00	-15.24	1.00 H	259	55.47	3.29
2	5150.00	45.92 AV	54.00	-8.08	1.00 H	259	42.63	3.29
3	*5260.00	111.74 PK			1.00 H	259	70.94	40.80
4	*5260.00	99.16 AV			1.00 H	259	58.36	40.80
5	#10520.00	56.70 PK	68.20	-11.50	1.48 H	231	49.02	7.68
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.11 PK	74.00	-15.89	3.20 V	220	54.82	3.29
2	5150.00	46.59 AV	54.00	-7.41	3.20 V	220	43.30	3.29
3	*5260.00	118.77 PK			3.20 V	220	77.97	40.80
4	*5260.00	106.65 AV			3.20 V	220	65.85	40.80
5	#10520.00	63.00 PK	68.20	-5.20	2.55 V	263	55.32	7.68

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	110.15 PK			1.08 H	254	69.35	40.80
2	*5300.00	100.23 AV			1.08 H	254	59.43	40.80
3	10600.00	56.88 PK	74.00	-17.12	1.48 H	210	49.11	7.77
4	10600.00	44.98 AV	54.00	-9.02	1.48 H	210	37.21	7.77
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	118.55 PK			3.38 V	221	77.75	40.80
2	*5300.00	106.21 AV			3.38 V	221	65.41	40.80
3	10600.00	57.01 PK	74.00	-16.99	2.53 V	240	49.24	7.77
4	10600.00	45.22 AV	54.00	-8.78	2.53 V	240	37.45	7.77

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.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	110.12 PK			1.14 H	253	69.31	40.81
2	*5320.00	101.26 AV			1.14 H	253	60.45	40.81
3	5350.00	57.51 PK	74.00	-16.49	1.14 H	253	54.61	2.90
4	5350.00	46.68 AV	54.00	-7.32	1.14 H	253	43.78	2.90
5	10640.00	55.20 PK	74.00	-18.80	1.49 H	216	47.25	7.95
6	10640.00	45.18 AV	54.00	-8.82	1.49 H	216	37.23	7.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	118.26 PK			3.31 V	220	77.45	40.81
2	*5320.00	106.33 AV			3.31 V	220	65.52	40.81
3	5350.00	61.85 PK	74.00	-12.15	3.31 V	220	58.95	2.90
4	5350.00	50.07 AV	54.00	-3.93	3.31 V	220	47.17	2.90
5	10640.00	57.15 PK	74.00	-16.85	2.48 V	241	49.20	7.95
6	10640.00	45.37 AV	54.00	-8.63	2.48 V	241	37.42	7.95

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.
5. " * " : Fundamental frequency.

RF Mode	TX 802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.20 PK	74.00	-13.80	1.06 H	261	57.25	2.95
2	5460.00	47.30 AV	54.00	-6.70	1.06 H	261	44.35	2.95
3	#5470.00	60.70 PK	68.20	-7.50	1.06 H	261	57.72	2.98
4	*5500.00	111.30 PK			1.06 H	261	70.07	41.23
5	*5500.00	101.70 AV			1.06 H	261	60.47	41.23
6	11000.00	56.30 PK	74.00	-17.70	1.47 H	207	48.87	7.43
7	11000.00	44.80 AV	54.00	-9.20	1.47 H	207	37.37	7.43
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.20 PK	74.00	-11.80	2.27 V	323	59.25	2.95
2	5460.00	48.60 AV	54.00	-5.40	2.27 V	323	45.65	2.95
3	#5470.00	63.20 PK	68.20	-5.00	2.27 V	323	60.22	2.98
4	*5500.00	117.80 PK			2.27 V	323	76.57	41.23
5	*5500.00	108.10 AV			2.27 V	323	66.87	41.23
6	11000.00	57.30 PK	74.00	-16.70	2.56 V	244	49.87	7.43
7	11000.00	45.60 AV	54.00	-8.40	2.56 V	244	38.17	7.43

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	111.50 PK			1.04 H	258	70.00	41.50
2	*5580.00	101.90 AV			1.04 H	258	60.40	41.50
3	11160.00	56.50 PK	74.00	-17.50	1.45 H	213	47.97	8.53
4	11160.00	44.90 AV	54.00	-9.10	1.45 H	213	36.37	8.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	118.10 PK			2.29 V	325	114.65	3.45
2	*5580.00	108.40 AV			2.29 V	325	104.95	3.45
3	11160.00	57.60 PK	74.00	-16.40	2.59 V	242	49.07	8.53
4	11160.00	45.90 AV	54.00	-8.10	2.59 V	242	37.37	8.53

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.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	109.40 PK			1.00 H	262	67.34	42.06
2	*5700.00	99.70 AV			1.00 H	262	57.64	42.06
3	#5725.00	63.30 PK	68.20	-4.90	1.00 H	262	59.15	4.15
4	11400.00	58.50 PK	74.00	-15.50	1.17 H	279	50.16	8.34
5	11400.00	45.80 AV	54.00	-8.20	1.17 H	279	37.46	8.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	116.90 PK			2.27 V	290	74.84	42.06
2	*5700.00	106.20 AV			2.27 V	290	64.14	42.06
3	#5725.00	64.40 PK	68.20	-3.80	2.27 V	290	60.25	4.15
4	11400.00	60.40 PK	74.00	-13.60	2.99 V	24	52.06	8.34
5	11400.00	46.90 AV	54.00	-7.10	2.99 V	24	38.56	8.34

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.50 PK	68.20	-8.70	1.03 H	265	56.52	2.98
2	*5720.00	110.50 PK			1.03 H	265	68.35	42.15
3	*5720.00	100.10 AV			1.03 H	265	57.95	42.15
4	#5850.00	59.80 PK	68.20	-8.40	1.03 H	265	55.47	4.33
5	11440.00	58.70 PK	74.00	-15.30	1.15 H	281	50.28	8.42
6	11440.00	45.90 AV	54.00	-8.10	1.15 H	281	37.48	8.42
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	60.90 PK	68.20	-7.30	3.27 V	204	57.92	2.98
2	*5720.00	116.70 PK			3.27 V	204	74.55	42.15
3	*5720.00	106.10 AV			3.27 V	204	63.95	42.15
4	#5850.00	61.30 PK	68.20	-6.90	3.27 V	204	56.97	4.33
5	11440.00	60.60 PK	74.00	-13.40	3.03 V	27	52.18	8.42
6	11440.00	47.10 AV	54.00	-6.90	3.03 V	27	38.68	8.42

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.
5. " * " : Fundamental frequency.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5644.00	57.89 PK	68.20	-10.31	1.00 H	251	54.10	3.79
2	*5745.00	110.97 PK			1.00 H	251	68.70	42.27
3	*5745.00	100.42 AV			1.00 H	251	58.15	42.27
4	#5945.20	59.67 PK	68.20	-8.53	1.00 H	251	55.16	4.51
5	11490.00	56.76 PK	74.00	-17.24	1.15 H	293	48.23	8.53
6	11490.00	44.88 AV	54.00	-9.12	1.15 H	293	36.35	8.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5633.20	59.62 PK	68.20	-8.58	3.23 V	174	55.89	3.73
2	*5745.00	116.98 PK			3.23 V	174	74.71	42.27
3	*5745.00	108.17 AV			3.23 V	174	65.90	42.27
4	#5960.40	59.36 PK	68.20	-8.84	3.23 V	174	54.80	4.56
5	11490.00	57.03 PK	74.00	-16.97	2.86 V	39	48.50	8.53
6	11490.00	45.42 AV	54.00	-8.58	2.86 V	39	36.89	8.53

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.
5. " * " : Fundamental frequency.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5620.00	59.45 PK	68.20	-8.75	1.00 H	250	55.79	3.66
2	*5785.00	110.49 PK			1.00 H	250	68.03	42.46
3	*5785.00	100.97 AV			1.00 H	250	58.51	42.46
4	#5950.40	58.65 PK	68.20	-9.55	1.00 H	250	54.12	4.53
5	11570.00	56.37 PK	74.00	-17.63	1.28 H	279	47.68	8.69
6	11570.00	44.92 AV	54.00	-9.08	1.28 H	279	36.23	8.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5633.60	59.37 PK	68.20	-8.83	3.25 V	174	55.64	3.73
2	*5785.00	118.54 PK			3.25 V	174	76.08	42.46
3	*5785.00	108.49 AV			3.25 V	174	66.03	42.46
4	#5932.80	59.79 PK	68.20	-8.41	3.25 V	174	55.32	4.47
5	11570.00	57.24 PK	74.00	-16.76	2.92 V	34	48.55	8.69
6	11570.00	45.61 AV	54.00	-8.39	2.92 V	34	36.92	8.69

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.
5. " * " : Fundamental frequency.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5615.20	58.40 PK	68.20	-9.80	1.00 H	258	54.77	3.63
2	*5825.00	109.90 PK			1.00 H	258	67.36	42.54
3	*5825.00	100.61 AV			1.00 H	258	58.07	42.54
4	#5955.60	59.81 PK	68.20	-8.39	1.00 H	258	55.27	4.54
5	11650.00	56.64 PK	74.00	-17.36	1.25 H	293	47.86	8.78
6	11650.00	44.89 AV	54.00	-9.11	1.25 H	293	36.11	8.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5607.60	59.23 PK	68.20	-8.97	3.16 V	174	55.64	3.59
2	*5825.00	118.74 PK			3.16 V	174	76.20	42.54
3	*5825.00	108.97 AV			3.16 V	174	66.43	42.54
4	#5929.20	60.22 PK	68.20	-7.98	3.16 V	174	55.76	4.46
5	11650.00	47.54 PK	74.00	-26.46	2.78 V	46	38.76	8.78
6	11650.00	45.69 AV	54.00	-8.31	2.78 V	46	36.91	8.78

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.
5. " * " : Fundamental frequency.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) RU26	Channel	CH 36 : 5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.98 PK	74.00	-15.02	1.10 H	112	55.69	3.29
2	5150.00	46.80 AV	54.00	-7.20	1.10 H	112	43.51	3.29
3	*5180.00	113.64 PK			1.10 H	112	72.83	40.81
4	*5180.00	101.65 AV			1.10 H	112	60.84	40.81
5	#10360.00	56.45 PK	68.20	-11.75	1.43 H	236	48.38	8.07
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.52 PK	74.00	-14.48	3.85 V	188	56.23	3.29
2	5150.00	47.03 AV	54.00	-6.97	3.85 V	188	43.74	3.29
3	*5180.00	116.53 PK			3.85 V	188	75.72	40.81
4	*5180.00	107.37 AV			3.85 V	188	66.56	40.81
5	#10360.00	57.42 PK	68.20	-10.78	3.85 V	81	49.35	8.07

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) RU26	Channel	CH 64 : 5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	114.33 PK			1.14 H	122	73.52	40.81
2	*5320.00	103.81 AV			1.14 H	122	63.00	40.81
3	5350.00	59.34 PK	74.00	-14.66	1.14 H	122	56.44	2.90
4	5350.00	46.19 AV	54.00	-7.81	1.14 H	122	43.29	2.90
5	10640.00	56.77 PK	74.00	-17.23	1.38 H	253	48.82	7.95
6	10640.00	46.21 AV	54.00	-7.79	1.38 H	253	38.26	7.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	115.14 PK			3.22 V	196	74.33	40.81
2	*5320.00	106.10 AV			3.22 V	196	65.29	40.81
3	5350.00	59.41 PK	74.00	-14.59	3.22 V	196	56.51	2.90
4	5350.00	46.40 AV	54.00	-7.60	3.22 V	196	43.50	2.90
5	10640.00	57.50 PK	74.00	-16.50	3.82 V	93	49.55	7.95
6	10640.00	46.71 AV	54.00	-7.29	3.82 V	93	38.76	7.95

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.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11ax (HE20) RU26	Channel	CH 100 : 5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.34 PK	74.00	-16.66	1.08 H	99	54.39	2.95
2	5460.00	46.50 AV	54.00	-7.50	1.08 H	99	43.55	2.95
3	#5470.00	58.56 PK	68.20	-9.64	1.08 H	99	55.58	2.98
4	*5500.00	109.55 PK			1.08 H	99	68.32	41.23
5	*5500.00	100.78 AV			1.08 H	99	59.55	41.23
6	11000.00	56.23 PK	74.00	-17.77	1.45 H	259	48.80	7.43
7	11000.00	45.67 AV	54.00	-8.33	1.45 H	259	38.24	7.43
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.86 PK	74.00	-15.14	3.24 V	179	55.91	2.95
2	5460.00	46.99 AV	54.00	-7.01	3.24 V	179	44.04	2.95
3	#5470.00	59.55 PK	68.20	-8.65	3.24 V	179	56.57	2.98
4	*5500.00	118.53 PK			3.24 V	179	77.30	41.23
5	*5500.00	108.72 AV			3.24 V	179	67.49	41.23
6	11000.00	56.85 PK	74.00	-17.15	3.79 V	89	49.42	7.43
7	11000.00	45.67 AV	54.00	-8.33	3.79 V	89	38.24	7.43

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) RU26	Channel	CH 140 : 5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	110.61 PK			1.00 H	112	68.55	42.06
2	*5700.00	98.85 AV			1.00 H	112	56.79	42.06
3	#5725.00	59.36 PK	68.20	-8.84	1.00 H	112	55.21	4.15
4	11400.00	56.67 PK	74.00	-17.33	1.49 H	234	48.33	8.34
5	11400.00	46.46 AV	54.00	-7.54	1.49 H	234	38.12	8.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	117.46 PK			3.29 V	184	75.40	42.06
2	*5700.00	106.57 AV			3.29 V	184	64.51	42.06
3	#5725.00	59.69 PK	68.20	-8.51	3.29 V	184	55.54	4.15
4	11400.00	57.86 PK	74.00	-16.14	3.75 V	91	49.52	8.34
5	11400.00	46.73 AV	54.00	-7.27	3.75 V	91	38.39	8.34

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) RU26	Channel	CH 149 : 5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5635.60	59.79 PK	68.20	-8.41	1.13 H	115	56.05	3.74
2	*5745.00	116.33 PK			1.13 H	115	74.06	42.27
3	*5745.00	106.59 AV			1.13 H	115	64.32	42.27
4	#5982.00	59.48 PK	68.20	-8.72	1.13 H	115	54.85	4.63
5	11490.00	60.91 PK	74.00	-13.09	3.15 H	302	52.38	8.53
6	11490.00	47.74 AV	54.00	-6.26	3.15 H	302	39.21	8.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5606.00	60.73 PK	68.20	-7.47	3.23 V	193	57.16	3.57
2	*5745.00	123.53 PK			3.23 V	193	81.26	42.27
3	*5745.00	114.46 AV			3.23 V	193	72.19	42.27
4	#5965.60	62.28 PK	68.20	-5.92	3.23 V	193	57.70	4.58
5	11490.00	63.12 PK	74.00	-10.88	2.78 V	54	54.59	8.53
6	11490.00	51.92 AV	54.00	-2.08	2.78 V	54	43.39	8.53

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) RU26	Channel	CH 165 : 5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5614.80	58.98 PK	68.20	-9.22	1.02 H	100	55.35	3.63
2	*5825.00	117.33 PK			1.02 H	100	74.79	42.54
3	*5825.00	107.69 AV			1.02 H	100	65.15	42.54
4	#5988.00	59.87 PK	68.20	-8.33	1.02 H	100	55.22	4.65
5	11650.00	61.17 PK	74.00	-12.83	3.18 H	301	52.39	8.78
6	11650.00	48.06 AV	54.00	-5.94	3.18 H	301	39.28	8.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5635.20	61.06 PK	68.20	-7.14	3.15 V	182	57.32	3.74
2	*5825.00	124.84 PK			3.15 V	182	82.30	42.54
3	*5825.00	115.45 AV			3.15 V	182	72.91	42.54
4	#5940.80	62.09 PK	68.20	-6.11	3.15 V	182	57.60	4.49
5	11650.00	64.95 PK	74.00	-9.05	3.35 V	10	56.17	8.78
6	11650.00	52.85 AV	54.00	-1.15	3.35 V	10	44.07	8.78

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) RU52	Channel	CH 48 : 5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	112.45 PK			1.10 H	109	71.64	40.81
2	*5240.00	101.63 AV			1.10 H	109	60.82	40.81
3	5350.00	57.44 PK	74.00	-16.56	1.10 H	109	54.54	2.90
4	5350.00	45.56 AV	54.00	-8.44	1.10 H	109	42.66	2.90
5	#10480.00	55.99 PK	68.20	-12.21	3.28 H	293	48.26	7.73
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	117.06 PK			3.04 V	202	76.25	40.81
2	*5240.00	106.45 AV			3.04 V	202	65.64	40.81
3	5350.00	57.68 PK	74.00	-16.32	3.04 V	202	54.78	2.90
4	5350.00	45.95 AV	54.00	-8.05	3.04 V	202	43.05	2.90
5	#10480.00	57.25 PK	68.20	-10.95	3.02 V	345	49.52	7.73

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) RU52	Channel	CH 165 : 5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5606.80	59.84 PK	68.20	-8.36	1.13 H	98	56.25	3.59
2	*5825.00	116.12 PK			1.13 H	98	73.58	42.54
3	*5825.00	105.76 AV			1.13 H	98	63.22	42.54
4	#5967.60	61.04 PK	68.20	-7.16	1.13 H	98	56.45	4.59
5	11650.00	62.30 PK	74.00	-11.70	3.25 H	286	53.52	8.78
6	11650.00	51.47 AV	54.00	-2.53	3.25 H	286	42.69	8.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5622.40	59.53 PK	68.20	-8.67	3.03 V	121	55.86	3.67
2	*5825.00	123.07 PK			3.03 V	121	80.53	42.54
3	*5825.00	112.76 AV			3.03 V	121	70.22	42.54
4	#5992.00	59.73 PK	68.20	-8.47	3.03 V	121	55.07	4.66
5	11650.00	63.43 PK	74.00	-10.57	3.18 V	47	54.65	8.78
6	11650.00	52.27 AV	54.00	-1.73	3.18 V	47	43.49	8.78

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) RU106	Channel	CH 36 : 5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.21 PK	74.00	-16.79	1.00 H	105	53.92	3.29
2	5150.00	46.16 AV	54.00	-7.84	1.00 H	105	42.87	3.29
3	*5180.00	110.19 PK			1.00 H	105	69.38	40.81
4	*5180.00	99.95 AV			1.00 H	105	59.14	40.81
5	#10360.00	56.35 PK	68.20	-11.85	3.02 H	275	48.28	8.07
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.97 PK	74.00	-16.03	2.23 V	87	54.68	3.29
2	5150.00	46.50 AV	54.00	-7.50	2.23 V	87	43.21	3.29
3	*5180.00	117.83 PK			2.23 V	87	77.02	40.81
4	*5180.00	105.76 AV			2.23 V	87	64.95	40.81
5	#10360.00	57.61 PK	68.20	-10.59	3.08 V	347	49.54	8.07

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) RU106	Channel	CH 64 : 5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	110.34 PK			1.16 H	108	69.53	40.81
2	*5320.00	100.04 AV			1.16 H	108	59.23	40.81
3	5350.00	57.37 PK	74.00	-16.63	1.16 H	108	54.47	2.90
4	5350.00	45.65 AV	54.00	-8.35	1.16 H	108	42.75	2.90
5	10640.00	54.83 PK	74.00	-19.17	3.10 H	297	46.88	7.95
6	10640.00	45.05 AV	54.00	-8.95	3.10 H	297	37.10	7.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	117.64 PK			2.51 V	66	76.83	40.81
2	*5320.00	106.45 AV			2.51 V	66	65.64	40.81
3	5350.00	59.25 PK	74.00	-14.75	2.51 V	66	56.35	2.90
4	5350.00	47.04 AV	54.00	-6.96	2.51 V	66	44.14	2.90
5	10640.00	55.19 PK	74.00	-18.81	2.61 V	6	47.24	7.95
6	10640.00	45.22 AV	54.00	-8.78	2.61 V	6	37.27	7.95

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.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11ax (HE20) RU106	Channel	CH 100 : 5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.62 PK	74.00	-17.38	1.02 H	111	53.67	2.95
2	5460.00	45.78 AV	54.00	-8.22	1.02 H	111	42.83	2.95
3	#5470.00	58.63 PK	68.20	-9.57	1.02 H	111	55.65	2.98
4	*5500.00	111.37 PK			1.02 H	111	70.14	41.23
5	*5500.00	99.99 AV			1.02 H	111	58.76	41.23
6	11000.00	54.12 PK	74.00	-19.88	3.16 H	299	46.69	7.43
7	11000.00	44.30 AV	54.00	-9.70	3.16 H	299	36.87	7.43
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.58 PK	74.00	-15.42	2.48 V	68	55.63	2.95
2	5460.00	46.79 AV	54.00	-7.21	2.48 V	68	43.84	2.95
3	#5470.00	59.67 PK	68.20	-8.53	2.48 V	68	56.69	2.98
4	*5500.00	117.44 PK			2.48 V	68	76.21	41.23
5	*5500.00	107.48 AV			2.48 V	68	66.25	41.23
6	11000.00	55.01 PK	74.00	-18.99	2.58 V	10	47.58	7.43
7	11000.00	44.72 AV	54.00	-9.28	2.58 V	10	37.29	7.43

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) RU106	Channel	CH 140 : 5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	106.52 PK			1.50 H	231	64.46	42.06
2	*5700.00	95.08 AV			1.50 H	231	53.02	42.06
3	#5725.00	58.93 PK	68.20	-9.27	1.50 H	231	54.78	4.15
4	11400.00	56.70 PK	74.00	-17.30	3.07 H	293	48.36	8.34
5	11400.00	45.49 AV	54.00	-8.51	3.07 H	293	37.15	8.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	116.27 PK			2.48 V	164	74.21	42.06
2	*5700.00	105.22 AV			2.48 V	164	63.16	42.06
3	#5725.00	60.07 PK	68.20	-8.13	2.48 V	164	55.92	4.15
4	11400.00	58.49 PK	74.00	-15.51	2.58 V	45	50.15	8.34
5	11400.00	46.32 AV	54.00	-7.68	2.58 V	45	37.98	8.34

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) RU106	Channel	CH 149 : 5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5612.80	58.65 PK	68.20	-9.55	2.36 H	267	55.03	3.62
2	*5745.00	112.42 PK			2.36 H	267	70.15	42.27
3	*5745.00	102.55 AV			2.36 H	267	60.28	42.27
4	#5990.80	59.57 PK	68.20	-8.63	2.36 H	267	54.91	4.66
5	11490.00	57.74 PK	74.00	-16.26	3.16 H	295	49.21	8.53
6	11490.00	48.96 AV	54.00	-5.04	3.16 H	295	40.43	8.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5646.00	59.63 PK	68.20	-8.57	2.35 V	15	55.84	3.79
2	*5745.00	119.38 PK			2.35 V	15	77.11	42.27
3	*5745.00	109.08 AV			2.35 V	15	66.81	42.27
4	#5967.60	60.07 PK	68.20	-8.13	2.35 V	15	55.48	4.59
5	11490.00	59.30 PK	74.00	-14.70	2.48 V	54	50.77	8.53
6	11490.00	50.09 AV	54.00	-3.91	2.48 V	54	41.56	8.53

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) RU106	Channel	CH 165 : 5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5640.00	58.43 PK	68.20	-9.77	2.41 H	265	54.67	3.76
2	*5825.00	112.61 PK			2.41 H	265	70.07	42.54
3	*5825.00	102.94 AV			2.41 H	265	60.40	42.54
4	#5940.80	60.51 PK	68.20	-7.69	2.41 H	265	56.02	4.49
5	11650.00	60.51 PK	74.00	-13.49	3.10 H	293	51.73	8.78
6	11650.00	50.66 AV	54.00	-3.34	3.10 H	293	41.88	8.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5637.60	60.10 PK	68.20	-8.10	2.39 V	165	56.35	3.75
2	*5825.00	121.67 PK			2.39 V	165	79.13	42.54
3	*5825.00	111.30 AV			2.39 V	165	68.76	42.54
4	#5948.80	61.04 PK	68.20	-7.16	2.39 V	165	56.52	4.52
5	11650.00	61.48 PK	74.00	-12.52	2.31 V	53	52.70	8.78
6	11650.00	51.54 AV	54.00	-2.46	2.31 V	53	42.76	8.78

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) Full RU	Channel	CH 36 : 5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.71 PK	74.00	-13.29	1.13 H	251	57.42	3.29
2	5150.00	49.10 AV	54.00	-4.90	1.13 H	251	45.81	3.29
3	*5180.00	103.90 PK			1.13 H	251	63.09	40.81
4	*5180.00	101.80 AV			1.13 H	251	60.99	40.81
5	#10360.00	54.10 PK	68.20	-14.10	1.51 H	214	46.03	8.07
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.70 PK	74.00	-8.30	3.32 V	223	62.41	3.29
2	5150.00	51.80 AV	54.00	-2.20	3.32 V	223	48.51	3.29
3	*5180.00	120.40 PK			3.32 V	223	79.59	40.81
4	*5180.00	108.20 AV			3.32 V	223	67.39	40.81
5	#10360.00	56.70 PK	68.20	-11.50	2.49 V	265	48.63	8.07

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) Full RU	Channel	CH 40 : 5200 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	105.20 PK			1.11 H	260	64.40	40.80
2	*5200.00	103.10 AV			1.11 H	260	62.30	40.80
3	#10400.00	54.50 PK	68.20	-13.70	1.48 H	217	46.45	8.05
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	121.70 PK			3.34 V	220	80.90	40.80
2	*5200.00	109.50 AV			3.34 V	220	68.70	40.80
3	#10400.00	56.80 PK	68.20	-11.40	2.45 V	269	48.75	8.05

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.
5. " * " : Fundamental frequency.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) Full RU	Channel	CH 48 : 5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	115.90 PK			2.38 H	227	75.09	40.81
2	*5240.00	103.40 AV			2.38 H	227	62.59	40.81
3	5350.00	59.60 PK	74.00	-14.40	2.38 H	227	56.70	2.90
4	5350.00	47.80 AV	54.00	-6.20	2.38 H	227	44.90	2.90
5	#10480.00	54.30 PK	68.20	-13.90	1.55 H	212	46.57	7.73
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	122.30 PK			3.22 V	222	81.49	40.81
2	*5240.00	109.70 AV			3.22 V	222	68.89	40.81
3	5350.00	61.20 PK	74.00	-12.80	3.22 V	222	58.30	2.90
4	5350.00	48.30 AV	54.00	-5.70	3.22 V	222	45.40	2.90
5	#10480.00	57.40 PK	68.20	-10.80	2.43 V	267	49.67	7.73

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) Full RU	Channel	CH 52 : 5260 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.77 PK	74.00	-16.23	1.00 H	253	54.48	3.29
2	5150.00	46.05 AV	54.00	-7.95	1.00 H	253	42.76	3.29
3	*5260.00	110.75 PK			1.00 H	253	69.95	40.80
4	*5260.00	100.75 AV			1.00 H	253	59.95	40.80
5	#10520.00	54.40 PK	68.20	-13.80	1.52 H	218	46.72	7.68
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.19 PK	74.00	-15.81	3.46 V	221	54.90	3.29
2	5150.00	47.26 AV	54.00	-6.74	3.46 V	221	43.97	3.29
3	*5260.00	121.17 PK			3.46 V	221	80.37	40.80
4	*5260.00	109.49 AV			3.46 V	221	68.69	40.80
5	#10520.00	56.84 PK	68.20	-11.36	2.55 V	240	49.16	7.68

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) Full RU	Channel	CH 60 : 5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	110.38 PK			1.32 H	251	69.58	40.80
2	*5300.00	110.15 AV			1.32 H	251	69.35	40.80
3	10600.00	54.65 PK	74.00	-19.35	1.43 H	208	46.88	7.77
4	10600.00	44.26 AV	54.00	-9.74	1.43 H	208	36.49	7.77
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	119.61 PK			3.37 V	222	78.81	40.80
2	*5300.00	109.04 AV			3.37 V	222	68.24	40.80
3	10600.00	56.95 PK	74.00	-17.05	2.53 V	249	49.18	7.77
4	10600.00	45.10 AV	54.00	-8.90	2.53 V	249	37.33	7.77

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.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11ax (HE20) Full RU	Channel	CH 64 : 5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	111.33 PK			1.35 H	249	70.52	40.81
2	*5320.00	100.35 AV			1.35 H	249	59.54	40.81
3	5350.00	57.77 PK	74.00	-16.23	1.35 H	249	54.87	2.90
4	5350.00	46.72 AV	54.00	-7.28	1.35 H	249	43.82	2.90
5	10640.00	55.55 PK	74.00	-18.45	1.55 H	213	47.60	7.95
6	10640.00	44.45 AV	54.00	-9.55	1.55 H	213	36.50	7.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	120.02 PK			3.12 V	221	79.21	40.81
2	*5320.00	109.47 AV			3.12 V	221	68.66	40.81
3	5350.00	62.27 PK	74.00	-11.73	3.12 V	221	59.37	2.90
4	5350.00	51.98 AV	54.00	-2.02	3.12 V	221	49.08	2.90
5	10640.00	57.31 PK	74.00	-16.69	2.55 V	247	49.36	7.95
6	10640.00	45.50 AV	54.00	-8.50	2.55 V	247	37.55	7.95

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.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11ax (HE20) Full RU	Channel	CH 100 : 5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.80 PK	74.00	-13.20	1.07 H	261	57.85	2.95
2	5460.00	47.50 AV	54.00	-6.50	1.07 H	261	44.55	2.95
3	#5470.00	63.70 PK	68.20	-4.50	1.07 H	261	60.72	2.98
4	*5500.00	114.20 PK			1.07 H	261	72.97	41.23
5	*5500.00	101.90 AV			1.07 H	261	60.67	41.23
6	11000.00	56.60 PK	74.00	-17.40	1.18 H	284	49.17	7.43
7	11000.00	44.90 AV	54.00	-9.10	1.18 H	284	37.47	7.43
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.60 PK	74.00	-11.40	3.34 V	215	59.65	2.95
2	5460.00	49.10 AV	54.00	-4.90	3.34 V	215	46.15	2.95
3	#5470.00	66.60 PK	68.20	-1.60	3.34 V	215	63.62	2.98
4	*5500.00	120.40 PK			3.34 V	215	79.17	41.23
5	*5500.00	108.20 AV			3.34 V	215	66.97	41.23
6	11000.00	57.50 PK	74.00	-16.50	2.97 V	22	50.07	7.43
7	11000.00	45.80 AV	54.00	-8.20	2.97 V	22	38.37	7.43

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) Full RU	Channel	CH 116 : 5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	115.30 PK			1.09 H	257	73.80	41.50
2	*5580.00	103.00 AV			1.09 H	257	61.50	41.50
3	11160.00	56.80 PK	74.00	-17.20	1.16 H	289	48.27	8.53
4	11160.00	45.20 AV	54.00	-8.80	1.16 H	289	36.67	8.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	121.40 PK			3.20 V	214	79.90	41.50
2	*5580.00	109.10 AV			3.20 V	214	67.60	41.50
3	11160.00	57.90 PK	74.00	-16.10	3.03 V	26	49.37	8.53
4	11160.00	46.10 AV	54.00	-7.90	3.03 V	26	37.57	8.53

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.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11ax (HE20) Full RU	Channel	CH 140 : 5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	109.30 PK			1.11 H	253	67.24	42.06
2	*5700.00	96.80 AV			1.11 H	253	54.74	42.06
3	#5725.00	61.20 PK	68.20	-7.00	1.11 H	253	57.05	4.15
4	11400.00	56.30 PK	74.00	-17.70	1.21 H	292	47.96	8.34
5	11400.00	44.80 AV	54.00	-9.20	1.21 H	292	36.46	8.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	115.40 PK			3.21 V	217	73.34	42.06
2	*5700.00	103.10 AV			3.21 V	217	61.04	42.06
3	#5725.00	64.70 PK	68.20	-3.50	3.21 V	217	60.55	4.15
4	11400.00	57.10 PK	74.00	-16.90	2.95 V	28	48.76	8.34
5	11400.00	45.40 AV	54.00	-8.60	2.95 V	28	37.06	8.34

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) Full RU	Channel	CH 144 : 5720 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.70 PK	68.20	-8.50	1.05 H	261	56.72	2.98
2	*5720.00	112.60 PK			1.05 H	261	70.45	42.15
3	*5720.00	100.30 AV			1.05 H	261	58.15	42.15
4	#5850.00	60.20 PK	68.20	-8.00	1.05 H	261	55.87	4.33
5	11440.00	56.30 PK	74.00	-17.70	1.17 H	288	47.88	8.42
6	11440.00	44.70 AV	54.00	-9.30	1.17 H	288	36.28	8.42
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	61.20 PK	68.20	-7.00	3.10 V	214	58.22	2.98
2	*5720.00	118.80 PK			3.10 V	214	76.65	42.15
3	*5720.00	106.30 AV			3.10 V	214	64.15	42.15
4	#5850.00	62.30 PK	68.20	-5.90	3.10 V	214	57.97	4.33
5	11440.00	57.80 PK	74.00	-16.20	2.99 V	27	49.38	8.42
6	11440.00	45.90 AV	54.00	-8.10	2.99 V	27	37.48	8.42

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) Full RU	Channel	CH 149 : 5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5643.60	58.77 PK	68.20	-9.43	1.00 H	263	55.00	3.77
2	*5745.00	109.18 PK			1.00 H	263	66.91	42.27
3	*5745.00	98.19 AV			1.00 H	263	55.92	42.27
4	#5991.20	59.23 PK	68.20	-8.97	1.00 H	263	54.57	4.66
5	11490.00	56.38 PK	74.00	-17.62	1.23 H	287	47.85	8.53
6	11490.00	44.62 AV	54.00	-9.38	1.23 H	287	36.09	8.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5631.60	59.78 PK	68.20	-8.42	3.17 V	171	56.05	3.73
2	*5745.00	115.91 PK			3.17 V	171	73.64	42.27
3	*5745.00	104.89 AV			3.17 V	171	62.62	42.27
4	#5935.60	58.85 PK	68.20	-9.35	3.17 V	171	54.37	4.48
5	11490.00	57.06 PK	74.00	-16.94	2.91 V	36	48.53	8.53
6	11490.00	45.12 AV	54.00	-8.88	2.91 V	36	36.59	8.53

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) Full RU	Channel	CH 157 : 5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5620.00	59.86 PK	68.20	-8.34	1.00 H	258	56.20	3.66
2	*5785.00	109.04 PK			1.00 H	258	66.58	42.46
3	*5785.00	98.69 AV			1.00 H	258	56.23	42.46
4	#5929.20	60.15 PK	68.20	-8.05	1.00 H	258	55.69	4.46
5	11570.00	56.52 PK	74.00	-17.48	1.28 H	277	47.83	8.69
6	11570.00	44.77 AV	54.00	-9.23	1.28 H	277	36.08	8.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5616.80	58.64 PK	68.20	-9.56	3.18 V	172	55.00	3.64
2	*5785.00	115.33 PK			3.18 V	172	72.87	42.46
3	*5785.00	104.92 AV			3.18 V	172	62.46	42.46
4	#5990.80	59.83 PK	68.20	-8.37	3.18 V	172	55.17	4.66
5	11570.00	57.28 PK	74.00	-16.72	2.88 V	39	48.59	8.69
6	11570.00	45.46 AV	54.00	-8.54	2.88 V	39	36.77	8.69

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20) Full RU	Channel	CH 165 : 5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5614.00	58.92 PK	68.20	-9.28	1.00 H	258	55.29	3.63
2	*5825.00	109.79 PK			1.00 H	258	67.25	42.54
3	*5825.00	99.09 AV			1.00 H	258	56.55	42.54
4	#5996.00	61.05 PK	68.20	-7.15	1.00 H	258	56.38	4.67
5	11650.00	56.26 PK	74.00	-17.74	1.20 H	283	47.48	8.78
6	11650.00	44.51 AV	54.00	-9.49	1.20 H	283	35.73	8.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5604.00	59.07 PK	68.20	-9.13	3.15 V	175	55.50	3.57
2	*5825.00	116.67 PK			3.15 V	175	74.13	42.54
3	*5825.00	106.76 AV			3.15 V	175	64.22	42.54
4	#5990.80	59.88 PK	68.20	-8.32	3.15 V	175	55.22	4.66
5	11650.00	57.34 PK	74.00	-16.66	2.94 V	47	48.56	8.78
6	11650.00	45.73 AV	54.00	-8.27	2.94 V	47	36.95	8.78

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40) Full RU	Channel	CH 38 : 5190 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.30 PK	74.00	-11.70	1.11 H	253	59.01	3.29
2	5150.00	47.40 AV	54.00	-6.60	1.11 H	253	44.11	3.29
3	*5190.00	109.10 PK			1.11 H	253	68.29	40.81
4	*5190.00	97.10 AV			1.11 H	253	56.29	40.81
5	#10380.00	54.50 PK	68.20	-13.70	1.52 H	211	46.44	8.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.50 PK	74.00	-8.50	3.12 V	221	62.21	3.29
2	5150.00	51.40 AV	54.00	-2.60	3.12 V	221	48.11	3.29
3	*5190.00	116.40 PK			3.12 V	221	75.59	40.81
4	*5190.00	103.30 AV			3.12 V	221	62.49	40.81
5	#10380.00	57.10 PK	68.20	-11.10	2.46 V	271	49.04	8.06

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40) Full RU	Channel	CH 46 : 5230 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	66.10 PK	74.00	-7.90	1.09 H	254	62.81	3.29
2	5150.00	51.40 AV	54.00	-2.60	1.09 H	254	48.11	3.29
3	*5230.00	112.60 PK			1.09 H	254	71.81	40.79
4	*5230.00	99.30 AV			1.09 H	254	58.51	40.79
5	5350.00	59.90 PK	74.00	-14.10	1.09 H	254	57.00	2.90
6	5350.00	47.40 AV	54.00	-6.60	1.09 H	254	44.50	2.90
7	#10460.00	55.20 PK	68.20	-13.00	1.48 H	217	47.39	7.81
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	70.60 PK	74.00	-3.40	3.13 V	221	67.31	3.29
2	5150.00	53.20 AV	54.00	-0.80	3.13 V	221	49.91	3.29
3	*5230.00	119.20 PK			3.13 V	221	78.41	40.79
4	*5230.00	106.10 AV			3.13 V	221	65.31	40.79
5	5350.00	61.60 PK	74.00	-12.40	3.13 V	221	58.70	2.90
6	5350.00	48.30 AV	54.00	-5.70	3.13 V	221	45.40	2.90
7	#10460.00	57.90 PK	68.20	-10.30	2.52 V	266	50.09	7.81

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40) Full RU	Channel	CH 54 : 5270 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.47 PK	74.00	-15.53	1.13 H	251	55.18	3.29
2	5150.00	46.31 AV	54.00	-7.69	1.13 H	251	43.02	3.29
3	*5270.00	108.85 PK			1.13 H	251	68.05	40.80
4	*5270.00	98.35 AV			1.13 H	251	57.55	40.80
5	5350.00	60.41 PK	74.00	-13.59	1.13 H	251	57.51	2.90
6	5350.00	47.31 AV	54.00	-6.69	1.13 H	251	44.41	2.90
7	#10540.00	54.69 PK	68.20	-13.51	1.53 H	214	46.99	7.70
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.56 PK	74.00	-11.44	3.20 V	219	59.27	3.29
2	5150.00	47.83 AV	54.00	-6.17	3.20 V	219	44.54	3.29
3	*5270.00	116.78 PK			3.20 V	219	75.98	40.80
4	*5270.00	106.21 AV			3.20 V	219	65.41	40.80
5	5350.00	67.39 PK	74.00	-6.61	3.20 V	219	64.49	2.90
6	5350.00	52.41 AV	54.00	-1.59	3.20 V	219	49.51	2.90
7	#10540.00	56.96 PK	68.20	-11.24	2.49 V	243	49.26	7.70

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40) Full RU	Channel	CH 62 : 5310 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	104.95 PK			1.14 H	254	64.14	40.81
2	*5310.00	94.54 AV			1.14 H	254	53.73	40.81
3	5350.00	58.71 PK	74.00	-15.29	1.14 H	254	55.81	2.90
4	5350.00	48.70 AV	54.00	-5.30	1.14 H	254	45.80	2.90
5	10620.00	54.39 PK	74.00	-19.61	1.43 H	219	46.53	7.86
6	10620.00	43.75 AV	54.00	-10.25	1.43 H	219	35.89	7.86
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	114.07 PK			3.33 V	220	73.26	40.81
2	*5310.00	102.71 AV			3.33 V	220	61.90	40.81
3	5350.00	64.22 PK	74.00	-9.78	3.33 V	220	61.32	2.90
4	5350.00	53.94 AV	54.00	-0.06	3.33 V	220	51.04	2.90
5	10620.00	57.11 PK	74.00	-16.89	2.59 V	245	49.25	7.86
6	10620.00	45.09 AV	54.00	-8.91	2.59 V	245	37.23	7.86

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.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11ax (HE40) Full RU	Channel	CH 102 : 5510 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.20 PK	74.00	-13.80	1.07 H	263	57.25	2.95
2	5460.00	47.80 AV	54.00	-6.20	1.07 H	263	44.85	2.95
3	#5470.00	61.20 PK	68.20	-7.00	1.07 H	263	58.22	2.98
4	*5510.00	107.80 PK			1.07 H	263	66.54	41.26
5	*5510.00	95.60 AV			1.07 H	263	54.34	41.26
6	11020.00	56.20 PK	74.00	-17.80	1.19 H	284	48.60	7.60
7	11020.00	44.60 AV	54.00	-9.40	1.19 H	284	37.00	7.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.60 PK	74.00	-11.40	3.00 V	213	59.65	2.95
2	5460.00	49.30 AV	54.00	-4.70	3.00 V	213	46.35	2.95
3	#5470.00	64.70 PK	68.20	-3.50	3.00 V	213	61.72	2.98
4	*5510.00	115.60 PK			3.00 V	213	74.34	41.26
5	*5510.00	103.50 AV			3.00 V	213	62.24	41.26
6	11020.00	57.10 PK	74.00	-16.90	2.94 V	27	49.50	7.60
7	11020.00	45.30 AV	54.00	-8.70	2.94 V	27	37.70	7.60

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40) Full RU	Channel	CH 110 : 5550 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.70 PK	74.00	-12.30	1.05 H	257	58.75	2.95
2	5460.00	48.90 AV	54.00	-5.10	1.05 H	257	45.95	2.95
3	#5470.00	62.40 PK	68.20	-5.80	1.05 H	257	59.42	2.98
4	*5550.00	112.80 PK			1.05 H	257	71.40	41.40
5	*5550.00	99.90 AV			1.05 H	257	58.50	41.40
6	11100.00	57.60 PK	74.00	-16.40	1.21 H	289	49.33	8.27
7	11100.00	45.20 AV	54.00	-8.80	1.21 H	289	36.93	8.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	66.20 PK	74.00	-7.80	3.17 V	214	63.25	2.95
2	5460.00	50.40 AV	54.00	-3.60	3.17 V	214	47.45	2.95
3	#5470.00	67.20 PK	68.20	-1.00	3.17 V	214	64.22	2.98
4	*5550.00	119.40 PK			3.17 V	214	78.00	41.40
5	*5550.00	106.60 AV			3.17 V	214	65.20	41.40
6	11100.00	59.30 PK	74.00	-14.70	2.89 V	25	51.03	8.27
7	11100.00	46.80 AV	54.00	-7.20	2.89 V	25	38.53	8.27

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40) Full RU	Channel	CH 134 : 5670 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	109.80 PK			1.02 H	260	67.88	41.92
2	*5670.00	97.50 AV			1.02 H	260	55.58	41.92
3	#5725.00	62.70 PK	68.20	-5.50	1.02 H	260	58.55	4.15
4	11340.00	56.50 PK	74.00	-17.50	1.17 H	293	48.01	8.49
5	11340.00	44.90 AV	54.00	-9.10	1.17 H	293	36.41	8.49
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	117.70 PK			3.17 V	213	75.78	41.92
2	*5670.00	104.80 AV			3.17 V	213	62.88	41.92
3	#5725.00	64.80 PK	68.20	-3.40	3.17 V	213	60.65	4.15
4	11340.00	58.40 PK	74.00	-15.60	2.85 V	27	49.91	8.49
5	11340.00	46.20 AV	54.00	-7.80	2.85 V	27	37.71	8.49

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40) Full RU	Channel	CH 142 : 5710 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	61.40 PK	68.20	-6.80	1.01 H	261	58.42	2.98
2	*5710.00	113.10 PK			1.01 H	261	70.99	42.11
3	*5710.00	100.60 AV			1.01 H	261	58.49	42.11
4	#5850.00	62.30 PK	68.20	-5.90	1.01 H	261	57.97	4.33
5	11420.00	58.80 PK	74.00	-15.20	1.16 H	294	50.42	8.38
6	11420.00	46.70 AV	54.00	-7.30	1.16 H	294	38.32	8.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	62.20 PK	68.20	-6.00	3.28 V	213	59.22	2.98
2	*5710.00	120.10 PK			3.28 V	213	77.99	42.11
3	*5710.00	107.50 AV			3.28 V	213	65.39	42.11
4	#5850.00	63.90 PK	68.20	-4.30	3.28 V	213	59.57	4.33
5	11420.00	60.40 PK	74.00	-13.60	2.86 V	28	52.02	8.38
6	11420.00	48.10 AV	54.00	-5.90	2.86 V	28	39.72	8.38

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40) Full RU	Channel	CH 151 : 5755 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5644.40	58.70 PK	68.20	-9.50	1.00 H	259	54.91	3.79
2	*5755.00	107.72 PK			1.00 H	259	65.40	42.32
3	*5755.00	96.49 AV			1.00 H	259	54.17	42.32
4	#5984.80	59.16 PK	68.20	-9.04	1.00 H	259	54.52	4.64
5	11510.00	56.13 PK	74.00	-17.87	1.27 H	248	47.58	8.55
6	11510.00	44.66 AV	54.00	-9.34	1.27 H	248	36.11	8.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5640.00	59.35 PK	68.20	-8.85	3.14 V	173	55.59	3.76
2	*5755.00	113.70 PK			3.14 V	173	71.38	42.32
3	*5755.00	103.24 AV			3.14 V	173	60.92	42.32
4	#5972.00	59.27 PK	68.20	-8.93	3.14 V	173	54.68	4.59
5	11510.00	57.17 PK	74.00	-16.83	2.79 V	38	48.62	8.55
6	11510.00	45.52 AV	54.00	-8.48	2.79 V	38	36.97	8.55

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40) Full RU	Channel	CH 159 : 5795 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.40	59.15 PK	68.20	-9.05	1.01 H	251	55.35	3.80
2	*5795.00	108.20 PK			1.01 H	251	65.69	42.51
3	*5795.00	96.84 AV			1.01 H	251	54.33	42.51
4	#5980.00	58.63 PK	68.20	-9.57	1.01 H	251	54.01	4.62
5	11590.00	56.41 PK	74.00	-17.59	1.24 H	263	47.68	8.73
6	11590.00	44.74 AV	54.00	-9.26	1.24 H	263	36.01	8.73
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5635.20	60.00 PK	68.20	-8.20	3.02 V	193	56.26	3.74
2	*5795.00	113.10 PK			3.02 V	193	70.59	42.51
3	*5795.00	104.08 AV			3.02 V	193	61.57	42.51
4	#5952.80	60.48 PK	68.20	-7.72	3.02 V	193	55.94	4.54
5	11590.00	57.32 PK	74.00	-16.68	2.78 V	36	48.59	8.73
6	11590.00	45.48 AV	54.00	-8.52	2.78 V	36	36.75	8.73

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80) Full RU	Channel	CH 42 : 5210 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.70 PK	74.00	-13.30	1.00 H	256	57.41	3.29
2	5150.00	49.20 AV	54.00	-4.80	1.00 H	256	45.91	3.29
3	*5210.00	102.90 PK			1.00 H	256	62.11	40.79
4	*5210.00	89.60 AV			1.00 H	256	48.81	40.79
5	#10420.00	54.30 PK	68.20	-13.90	1.45 H	212	46.33	7.97
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	67.10 PK	74.00	-6.90	3.13 V	223	63.81	3.29
2	5150.00	53.20 AV	54.00	-0.80	3.13 V	223	49.91	3.29
3	*5210.00	109.10 PK			3.13 V	223	68.31	40.79
4	*5210.00	97.70 AV			3.13 V	223	56.91	40.79
5	#10420.00	56.50 PK	68.20	-11.70	2.50 V	264	48.53	7.97

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80) Full RU	Channel	CH 58 : 5290 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5290.00	100.32 PK			1.14 H	248	59.52	40.80
2	*5290.00	91.34 AV			1.14 H	248	50.54	40.80
3	5350.00	56.96 PK	74.00	-17.04	1.14 H	248	54.06	2.90
4	5350.00	47.86 AV	54.00	-6.14	1.14 H	248	44.96	2.90
5	#10580.00	54.17 PK	68.20	-14.03	1.44 H	216	46.43	7.74
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5290.00	110.08 PK			3.14 V	221	69.28	40.80
2	*5290.00	101.25 AV			3.14 V	221	60.45	40.80
3	5350.00	63.26 PK	74.00	-10.74	3.14 V	221	60.36	2.90
4	5350.00	53.52 AV	54.00	-0.48	3.14 V	221	50.62	2.90
5	#10580.00	56.60 PK	68.20	-11.60	2.59 V	243	48.86	7.74

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80) Full RU	Channel	CH 106 : 5530 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.60 PK	74.00	-13.40	1.02 H	259	57.65	2.95
2	5460.00	48.90 AV	54.00	-5.10	1.02 H	259	45.95	2.95
3	#5470.00	61.30 PK	68.20	-6.90	1.02 H	259	58.32	2.98
4	*5530.00	104.10 PK			1.02 H	259	62.77	41.33
5	*5530.00	91.40 AV			1.02 H	259	50.07	41.33
6	11060.00	56.20 PK	74.00	-17.80	1.23 H	295	48.27	7.93
7	11060.00	44.70 AV	54.00	-9.30	1.23 H	295	36.77	7.93
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	65.90 PK	74.00	-8.10	3.27 V	214	62.95	2.95
2	5460.00	53.10 AV	54.00	-0.90	3.27 V	214	50.15	2.95
3	#5470.00	67.20 PK	68.20	-1.00	3.27 V	214	64.22	2.98
4	*5530.00	113.90 PK			3.27 V	214	72.57	41.33
5	*5530.00	100.70 AV			3.27 V	214	59.37	41.33
6	11060.00	57.40 PK	74.00	-16.60	2.77 V	31	49.47	7.93
7	11060.00	45.80 AV	54.00	-8.20	2.77 V	31	37.87	7.93

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80) Full RU	Channel	CH 122 : 5610 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	105.20 PK			1.00 H	262	63.58	41.62
2	*5610.00	92.30 AV			1.00 H	262	50.68	41.62
3	#5725.00	60.70 PK	68.20	-7.50	1.00 H	262	56.55	4.15
4	11220.00	56.60 PK	74.00	-17.40	1.20 H	293	47.92	8.68
5	11220.00	44.80 AV	54.00	-9.20	1.20 H	293	36.12	8.68
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	114.80 PK			3.29 V	215	73.18	41.62
2	*5610.00	101.60 AV			3.29 V	215	59.98	41.62
3	#5725.00	64.90 PK	68.20	-3.30	3.29 V	215	60.75	4.15
4	11220.00	57.80 PK	74.00	-16.20	2.78 V	26	49.12	8.68
5	11220.00	46.10 AV	54.00	-7.90	2.78 V	26	37.42	8.68

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80) Full RU	Channel	CH 138 : 5690 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	60.49 PK	68.20	-7.71	1.00 H	264	57.51	2.98
2	*5690.00	103.55 PK			1.00 H	264	61.54	42.01
3	*5690.00	93.80 AV			1.00 H	264	51.79	42.01
4	#5850.00	63.57 PK	68.20	-4.63	1.00 H	264	59.24	4.33
5	11380.00	55.65 PK	74.00	-18.35	1.25 H	296	47.26	8.39
6	11380.00	45.27 AV	54.00	-8.73	1.25 H	296	36.88	8.39
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	60.62 PK	68.20	-7.58	3.32 V	175	57.64	2.98
2	*5690.00	112.48 PK			3.32 V	175	70.47	42.01
3	*5690.00	102.40 AV			3.32 V	175	60.39	42.01
4	#5850.00	63.70 PK	68.20	-4.50	3.32 V	175	59.37	4.33
5	11380.00	55.47 PK	74.00	-18.53	2.79 V	35	47.08	8.39
6	11380.00	45.20 AV	54.00	-8.80	2.79 V	35	36.81	8.39

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80) Full RU	Channel	CH 155 : 5775 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5620.80	58.66 PK	68.20	-9.54	1.00 H	251	55.00	3.66
2	*5775.00	102.74 PK			1.00 H	251	60.33	42.41
3	*5775.00	91.63 AV			1.00 H	251	49.22	42.41
4	#5969.20	58.46 PK	68.20	-9.74	1.00 H	251	53.87	4.59
5	11550.00	56.44 PK	74.00	-17.56	1.21 H	283	47.79	8.65
6	11550.00	44.54 AV	54.00	-9.46	1.21 H	283	35.89	8.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5636.40	61.18 PK	68.20	-7.02	3.21 V	192	57.43	3.75
2	*5775.00	108.24 PK			3.21 V	192	65.83	42.41
3	*5775.00	99.45 AV			3.21 V	192	57.04	42.41
4	#5991.60	60.67 PK	68.20	-7.53	3.21 V	192	56.01	4.66
5	11550.00	57.10 PK	74.00	-16.90	2.88 V	46	48.45	8.65
6	11550.00	45.24 AV	54.00	-8.76	2.88 V	46	36.59	8.65

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160) Full RU	Channel	CH 50 : 5250 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.04 PK	74.00	-15.96	1.00 H	270	54.75	3.29
2	5150.00	46.19 AV	54.00	-7.81	1.00 H	270	42.90	3.29
3	*5250.00	93.79 PK			1.00 H	270	52.98	40.81
4	*5250.00	84.41 AV			1.00 H	270	43.60	40.81
5	5350.00	57.44 PK	74.00	-16.56	1.00 H	270	54.54	2.90
6	5350.00	45.84 AV	54.00	-8.16	1.00 H	270	42.94	2.90
7	#10500.00	54.90 PK	68.20	-13.30	1.15 H	283	47.25	7.65
8	#10500.00	43.61 AV	54.00	-10.39	1.15 H	283	35.96	7.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.34 PK	74.00	-13.66	3.55 V	178	57.05	3.29
2	5150.00	49.14 AV	54.00	-4.86	3.55 V	178	45.85	3.29
3	*5250.00	103.26 PK			3.55 V	178	62.45	40.81
4	*5250.00	92.64 AV			3.55 V	178	51.83	40.81
5	5350.00	60.48 PK	74.00	-13.52	3.55 V	178	57.58	2.90
6	5350.00	48.65 AV	54.00	-5.35	3.55 V	178	45.75	2.90
7	#10500.00	55.01 PK	68.20	-13.19	2.78 V	49	47.36	7.65
8	#10500.00	43.70 AV	54.00	-10.30	2.78 V	49	36.05	7.65

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160) Full RU	Channel	CH 114 : 5570 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.34 PK	68.20	-8.86	1.00 H	238	56.36	2.98
2	*5570.00	95.70 PK			1.00 H	238	54.23	41.47
3	*5570.00	84.31 AV			1.00 H	238	42.84	41.47
4	#5725.00	59.25 PK	68.20	-8.95	1.00 H	238	55.10	4.15
5	11140.00	54.96 PK	74.00	-19.04	1.18 H	286	46.52	8.44
6	11140.00	44.17 AV	54.00	-9.83	1.18 H	286	35.73	8.44
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	60.13 PK	68.20	-8.07	3.36 V	238	57.15	2.98
2	*5570.00	101.08 PK			3.36 V	238	59.61	41.47
3	*5570.00	90.86 AV			3.36 V	238	49.39	41.47
4	#5725.00	59.74 PK	68.20	-8.46	3.36 V	238	55.59	4.15
5	11140.00	55.68 PK	74.00	-18.32	2.92 V	38	47.24	8.44
6	11140.00	44.20 AV	54.00	-9.80	2.92 V	38	35.76	8.44

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

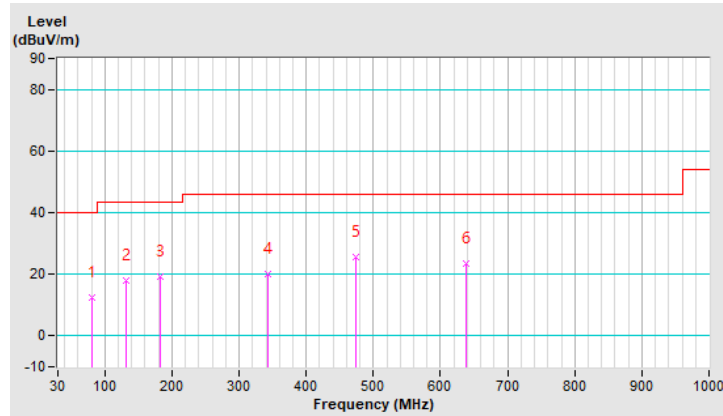
Below 1GHz Worst-Case Data:

RF Mode	TX 802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	30MHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	80.61	12.60 QP	40.00	-27.40	1.50 H	99	35.90	-23.30
2	131.22	18.00 QP	43.50	-25.50	1.00 H	303	37.50	-19.50
3	183.23	19.20 QP	43.50	-24.30	1.50 H	231	39.40	-20.20
4	342.11	20.20 QP	46.00	-25.80	1.00 H	257	37.00	-16.80
5	474.23	25.60 QP	46.00	-20.40	2.00 H	306	39.20	-13.60
6	638.71	23.60 QP	46.00	-22.40	1.50 H	189	33.80	-10.20

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 of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.

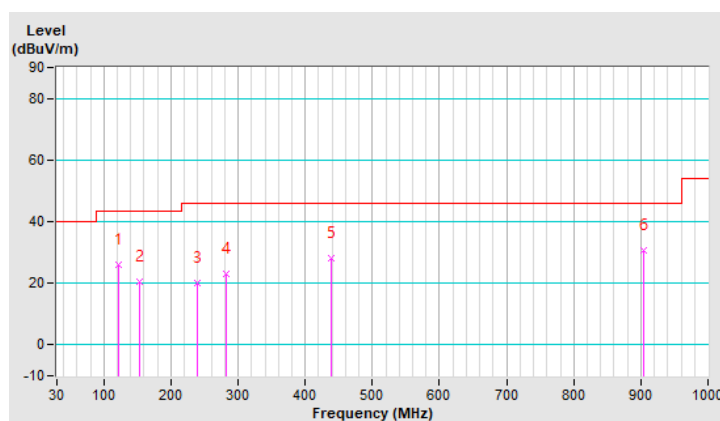


RF Mode	TX 802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	30MHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	121.38	26.10 QP	43.50	-17.40	1.50 V	204	46.50	-20.40
2	153.71	20.40 QP	43.50	-23.10	1.00 V	309	38.70	-18.30
3	239.46	20.20 QP	46.00	-25.80	1.00 V	64	40.10	-19.90
4	281.64	23.00 QP	46.00	-23.00	1.00 V	138	41.20	-18.20
5	439.09	28.20 QP	46.00	-17.80	1.50 V	299	42.30	-14.10
6	904.41	30.80 QP	46.00	-15.20	1.50 V	25	37.60	-6.80

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 of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.

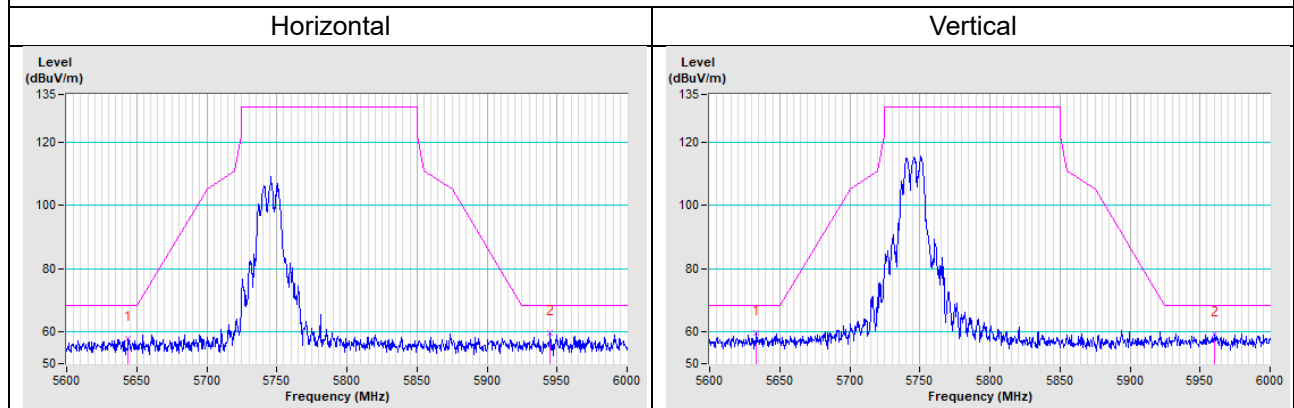


5 Pictures of Test Arrangements

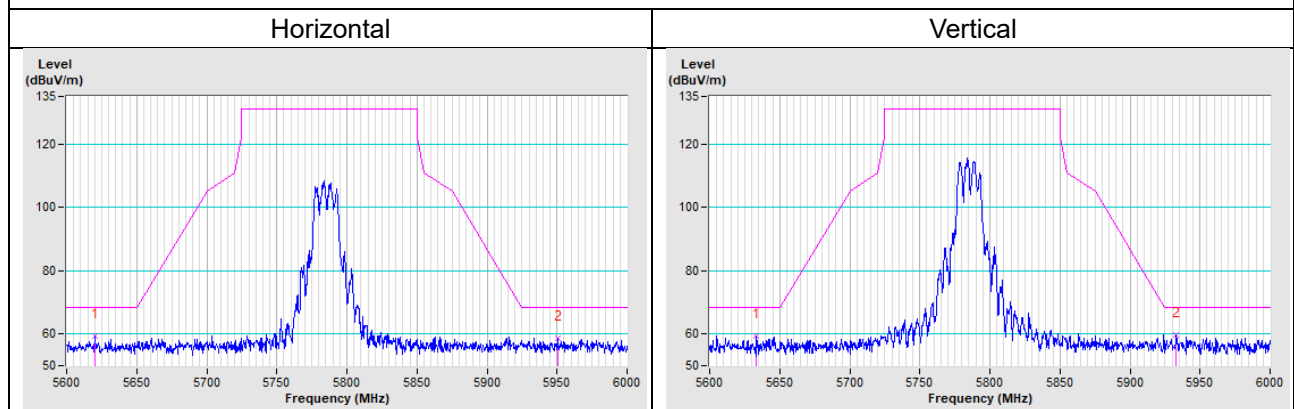
Please refer to the attached file (Test Setup Photo).

Annex A - Radiated Out of Band Emission (OOBE) Measurement (For U-NII-3 band)

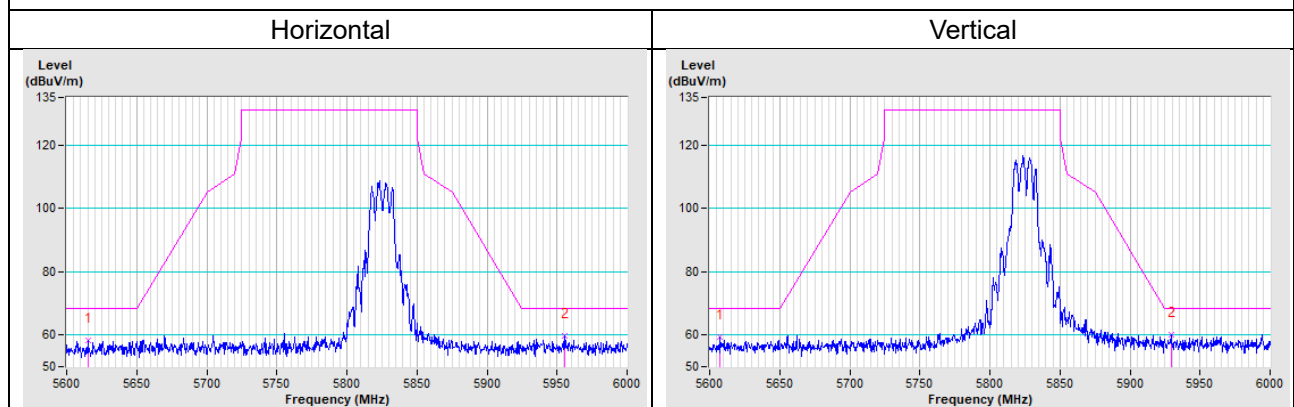
802.11a CH 149 : 5745 MHz



802.11a CH 157 : 5785 MHz

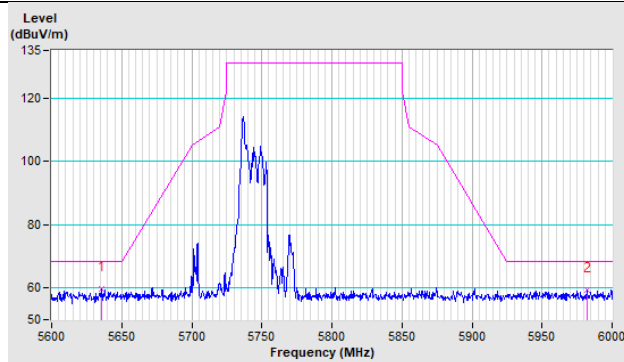


802.11a CH 165 : 5825 MHz

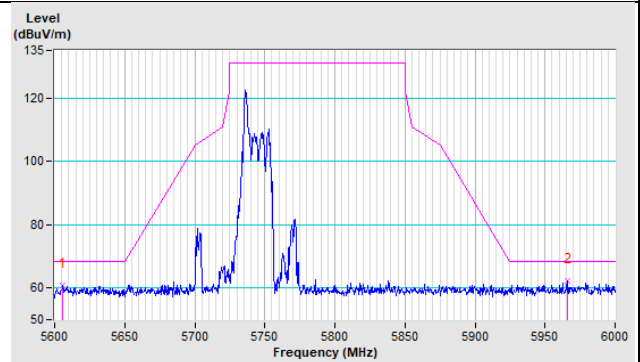


802.11ax (HE20)_RU26 CH 149 : 5745 MHz

Horizontal

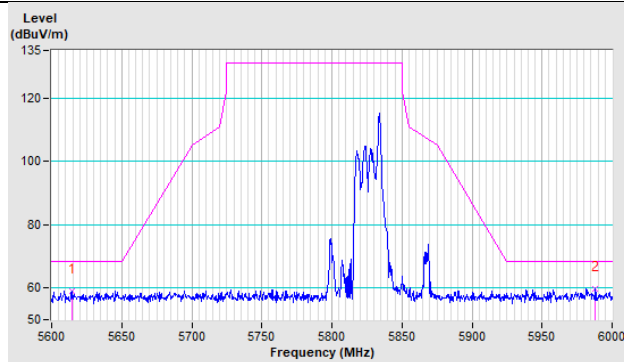


Vertical

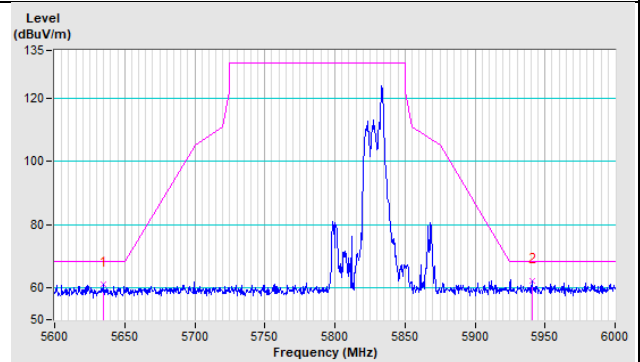


802.11ax (HE20)_RU26 CH 165 : 5825 MHz

Horizontal

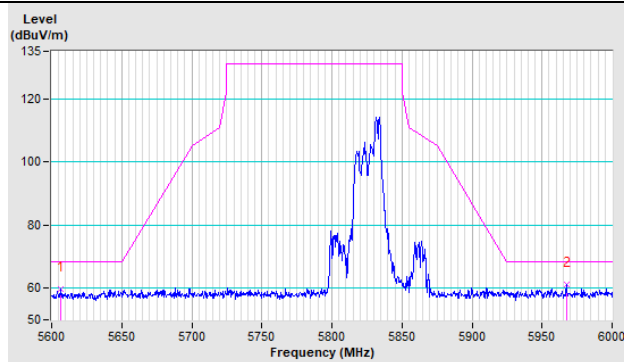


Vertical

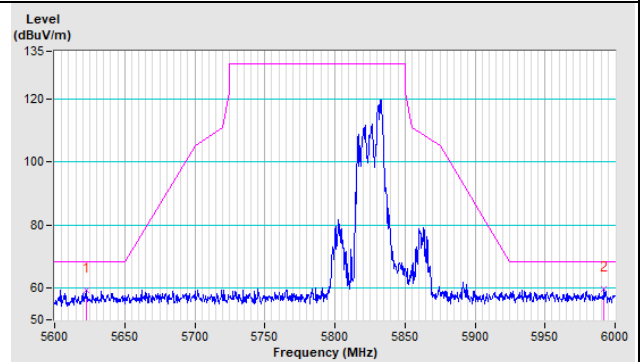


802.11ax (HE20)_RU52 CH 165 : 5825 MHz

Horizontal

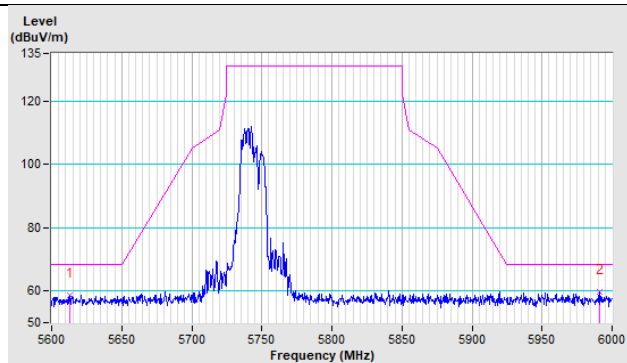


Vertical

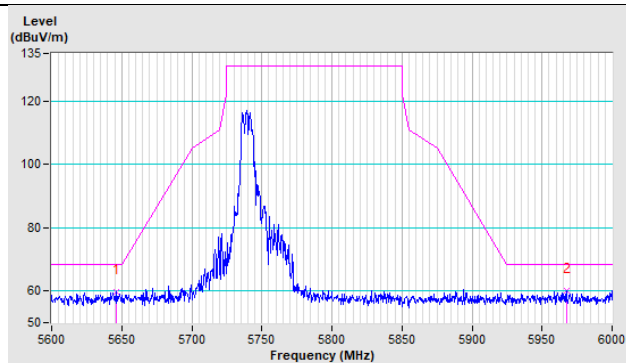


802.11ax (HE20)_RU106 CH 149 : 5745 MHz

Horizontal

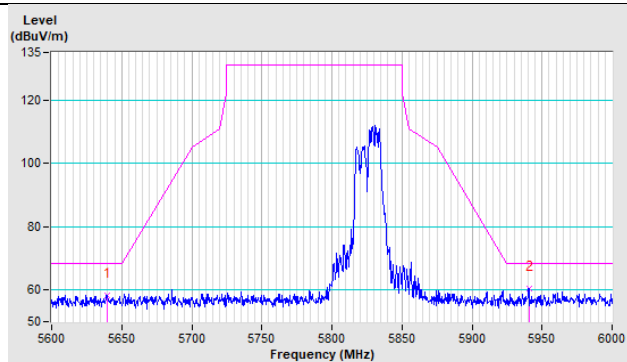


Vertical

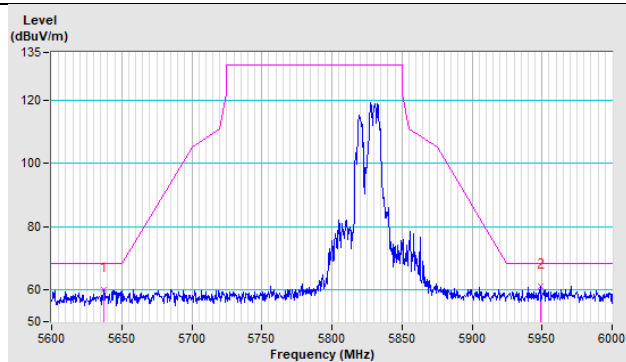


802.11ax (HE20)_RU106 CH 165 : 5825 MHz

Horizontal

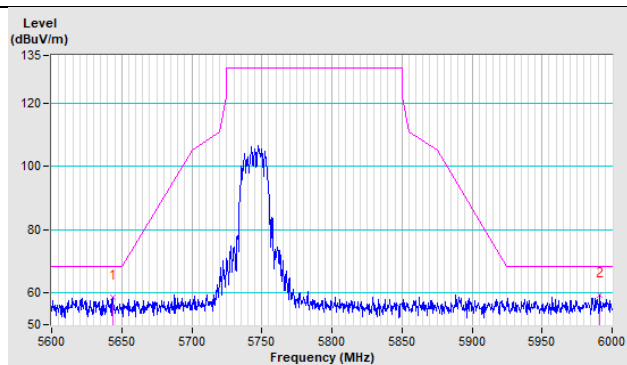


Vertical

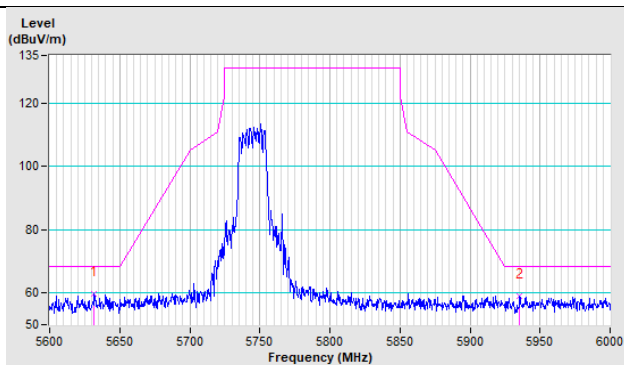


802.11ax (HE20)_Full RU CH 149 : 5745 MHz

Horizontal

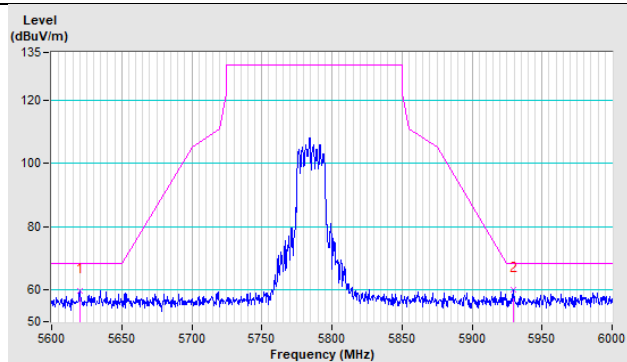


Vertical

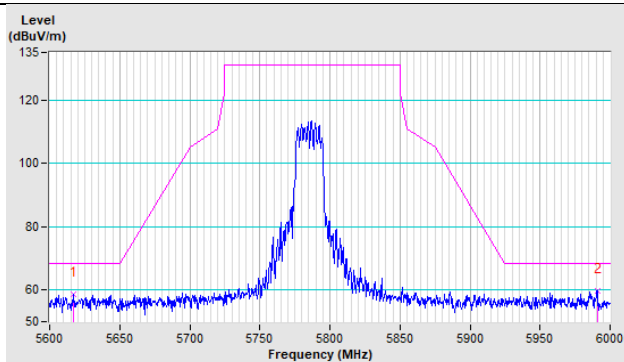


802.11ax (HE20)_Full RU CH 157 : 5785 MHz

Horizontal

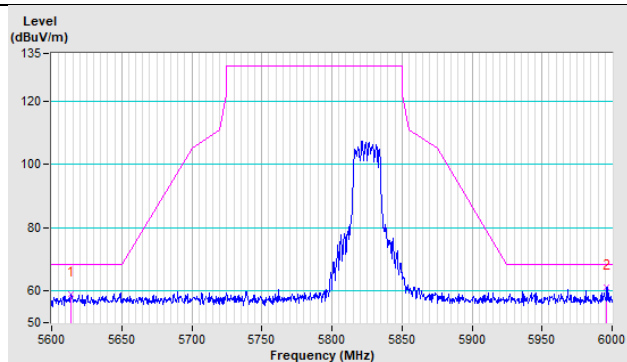


Vertical

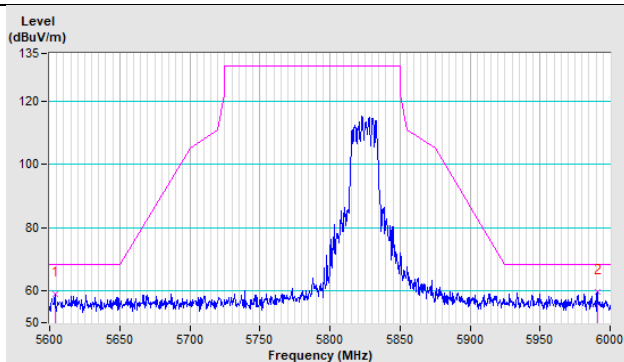


802.11ax (HE20)_Full RU CH 165 : 5825 MHz

Horizontal

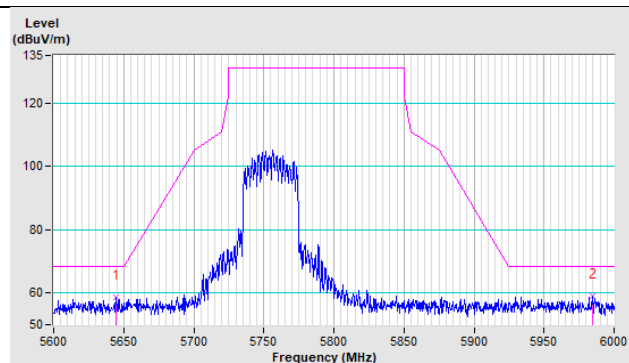


Vertical

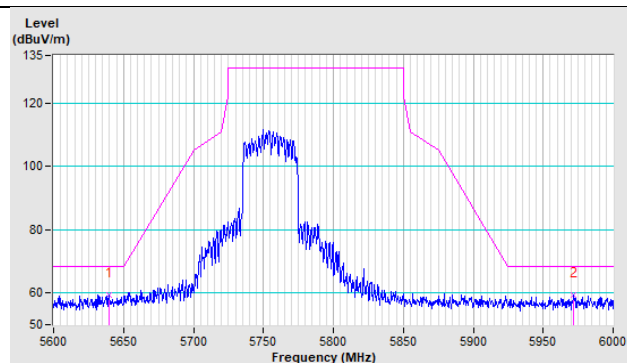


802.11ax (HE40)_Full RU CH 151 : 5755 MHz

Horizontal

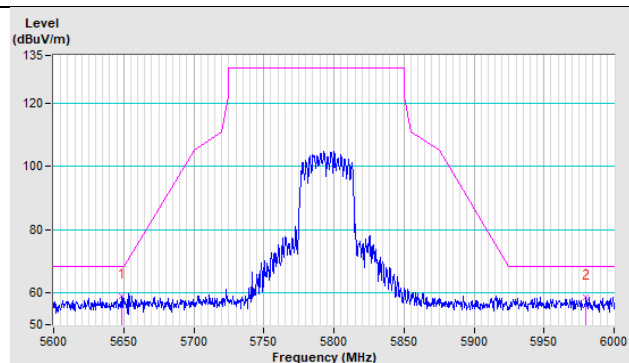


Vertical

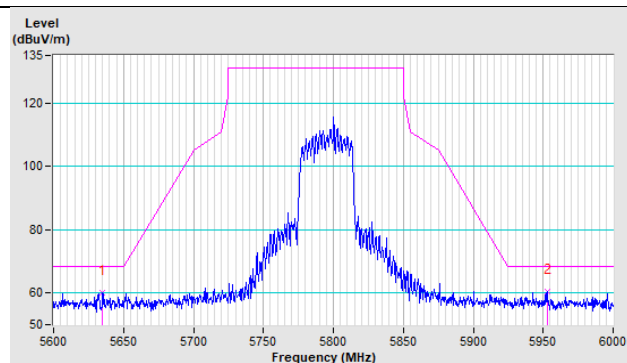


802.11ax (HE40)_Full RU CH 159 : 5795 MHz

Horizontal

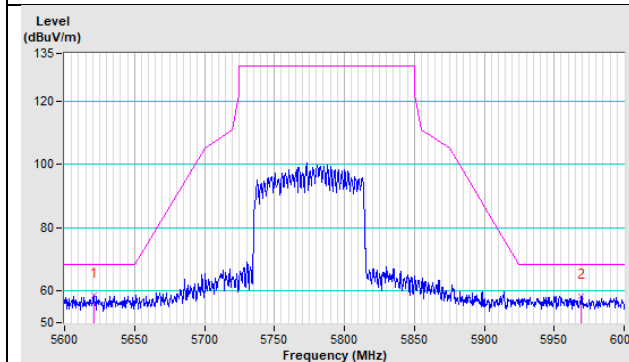


Vertical

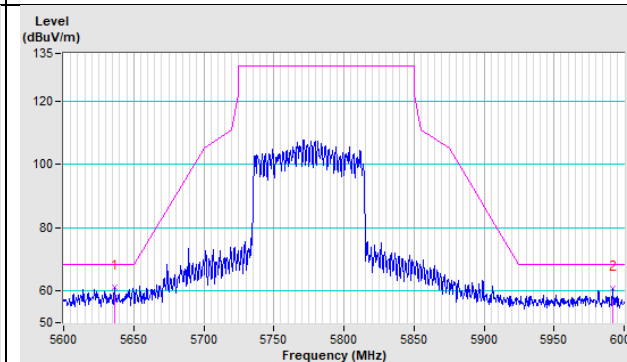


802.11ax (HE80)_Full RU CH 155 : 5775 MHz

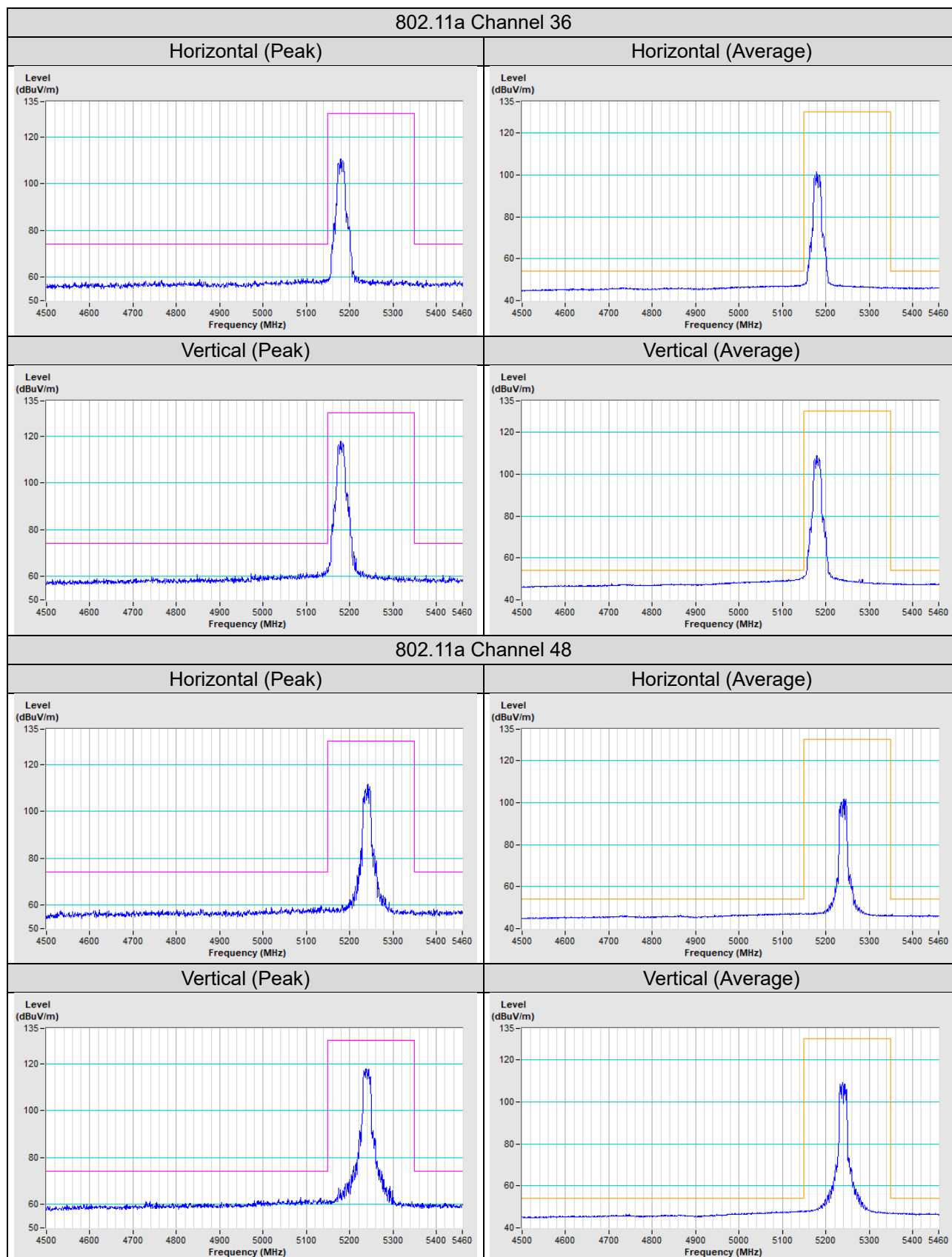
Horizontal



Vertical

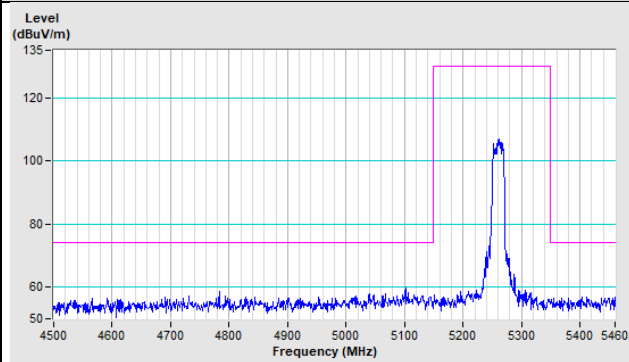


Annex B - Band Edge Measurement

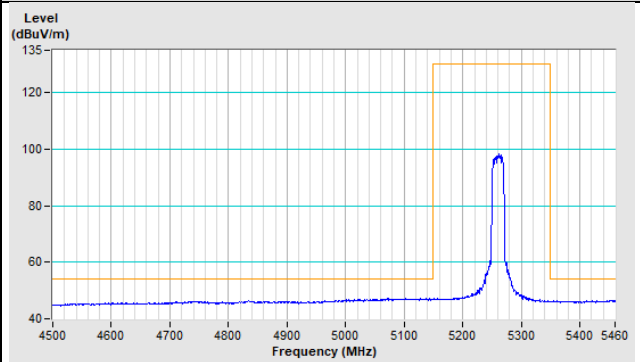


802.11a Channel 52

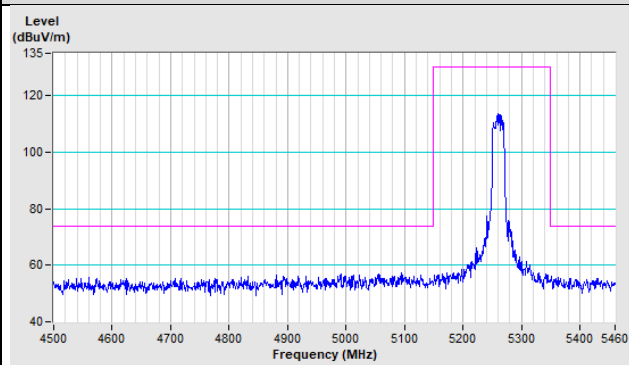
Horizontal (Peak)



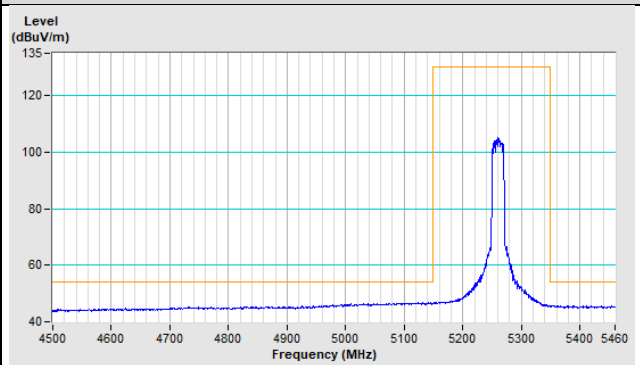
Horizontal (Average)



Vertical (Peak)

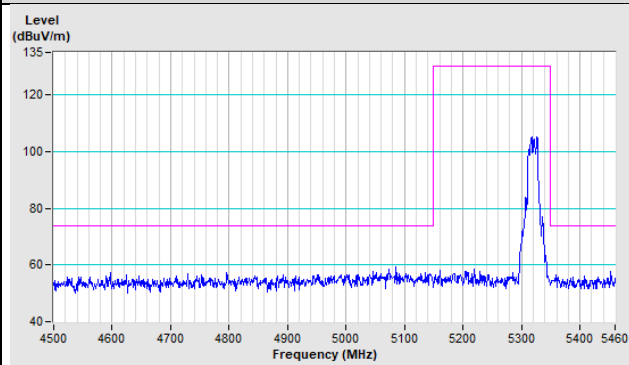


Vertical (Average)

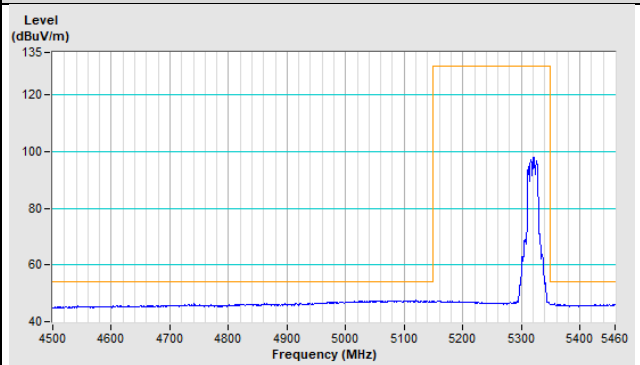


802.11a Channel 64

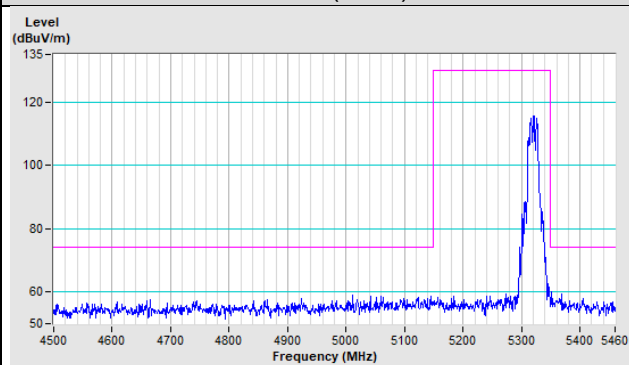
Horizontal (Peak)



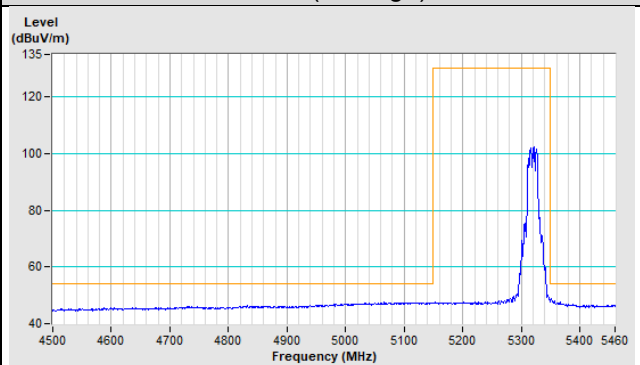
Horizontal (Average)



Vertical (Peak)

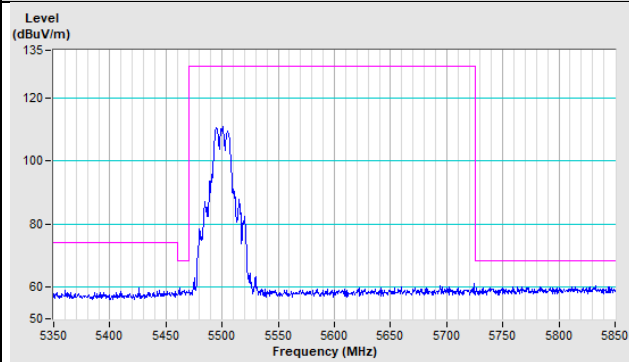


Vertical (Average)

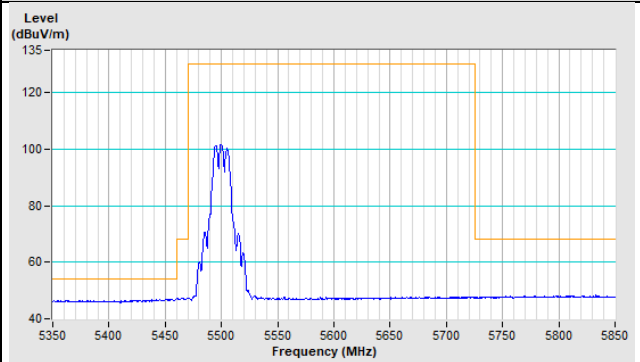


802.11a Channel 100

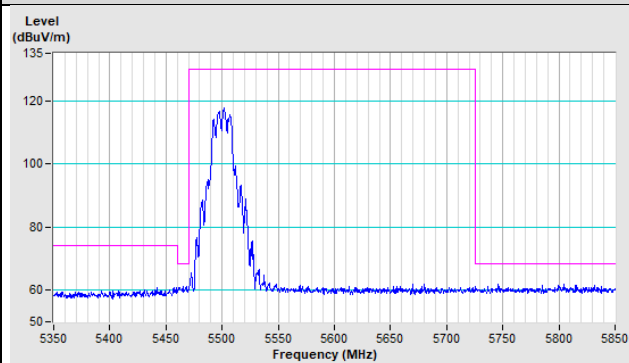
Horizontal (Peak)



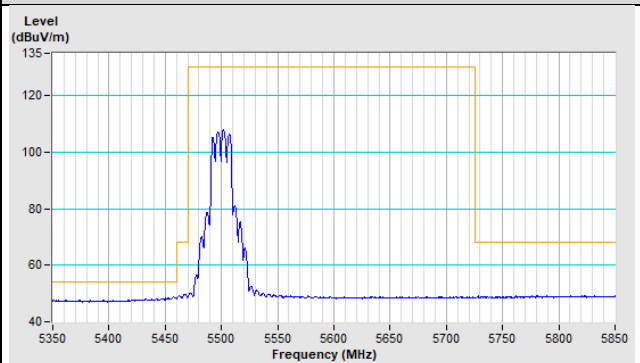
Horizontal (Average)



Vertical (Peak)

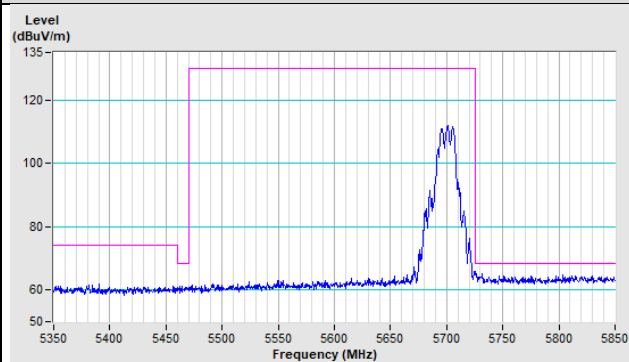


Vertical (Average)

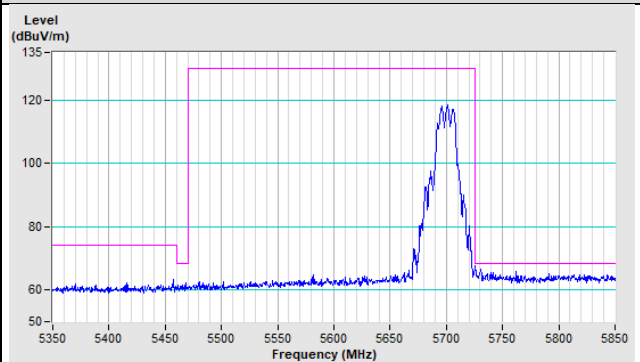


802.11a Channel 140

Horizontal (Peak)

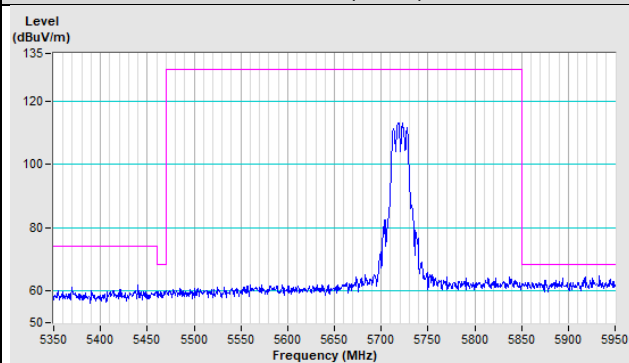


Vertical (Peak)

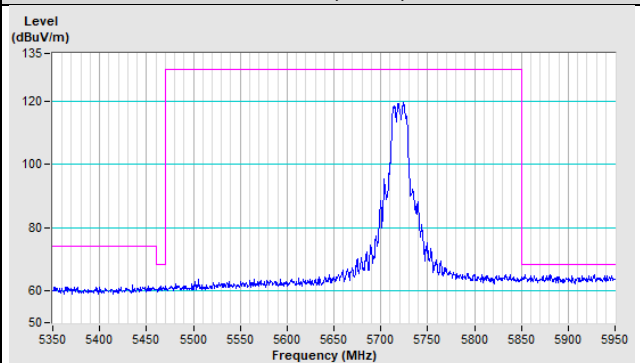


802.11a Channel 144

Horizontal (Peak)

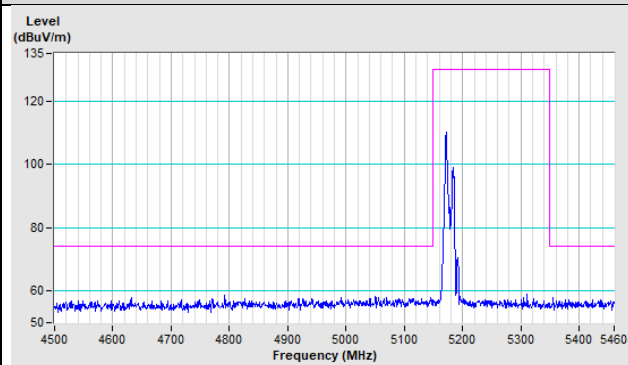


Vertical (Peak)

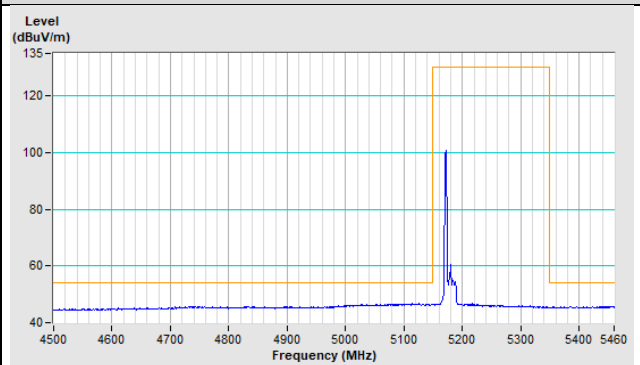


802.11ax (HE20)_RU26 Channel 36

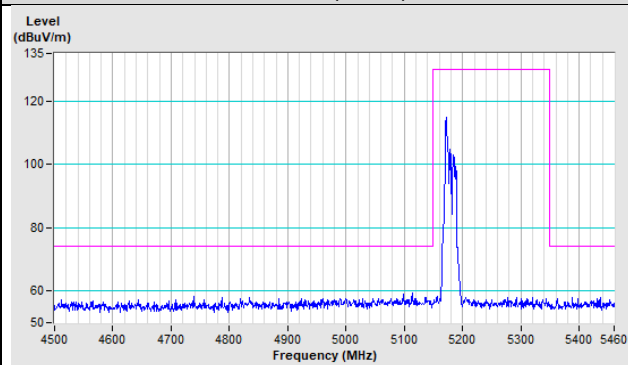
Horizontal (Peak)



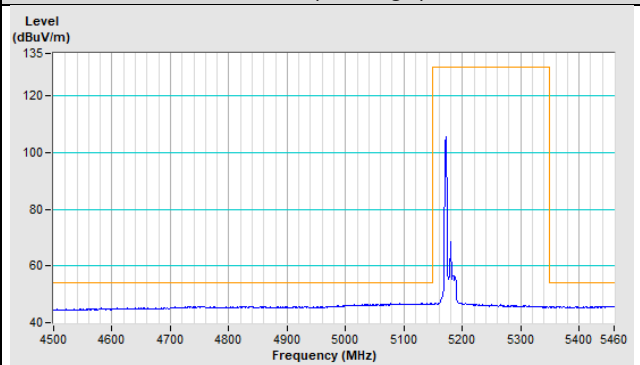
Horizontal (Average)



Vertical (Peak)

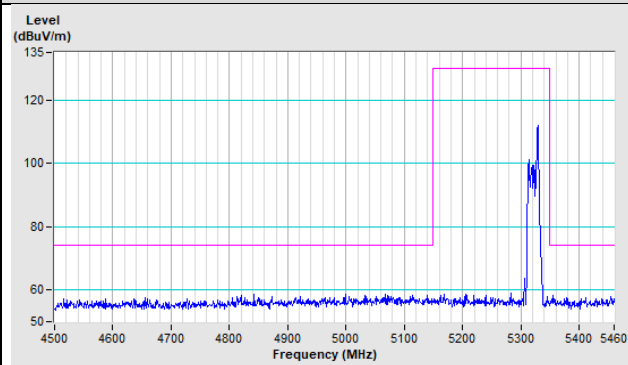


Vertical (Average)

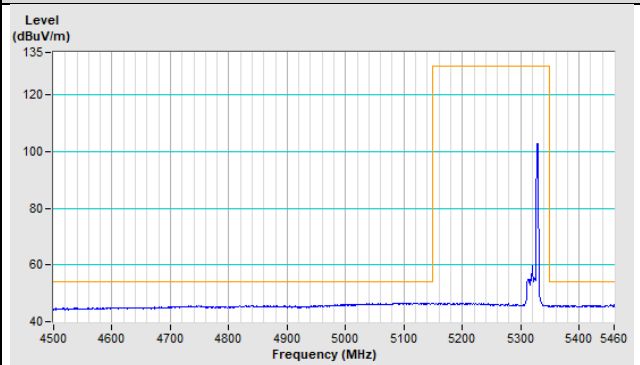


802.11ax (HE20)_RU26 Channel 64

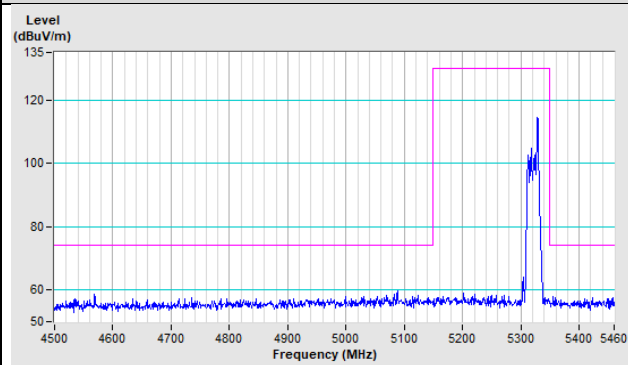
Horizontal (Peak)



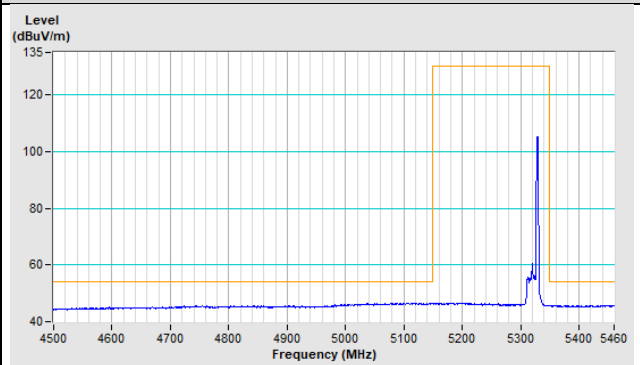
Horizontal (Average)



Vertical (Peak)

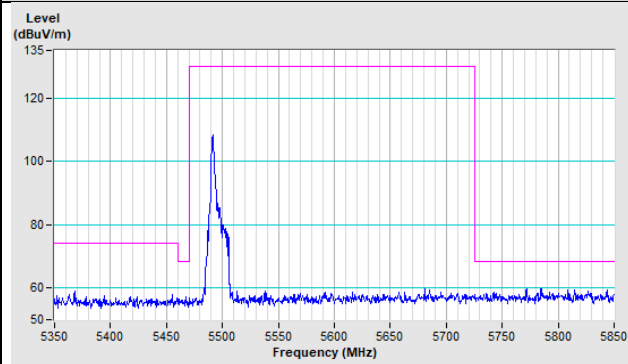


Vertical (Average)

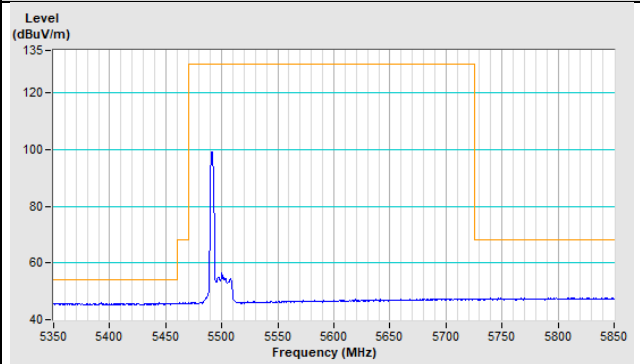


802.11ax (HE20)_RU26 Channel 100

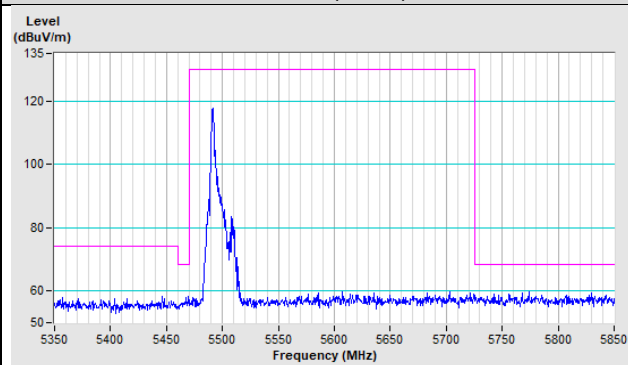
Horizontal (Peak)



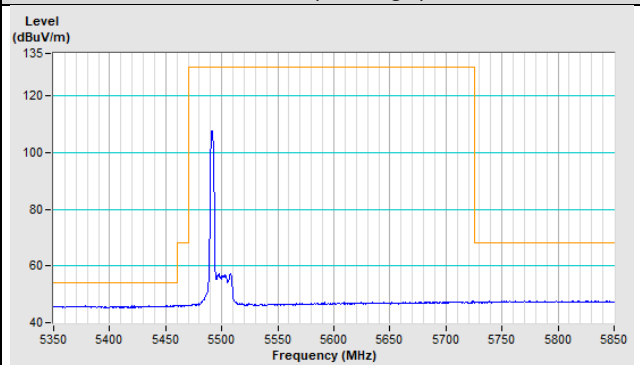
Horizontal (Average)



Vertical (Peak)

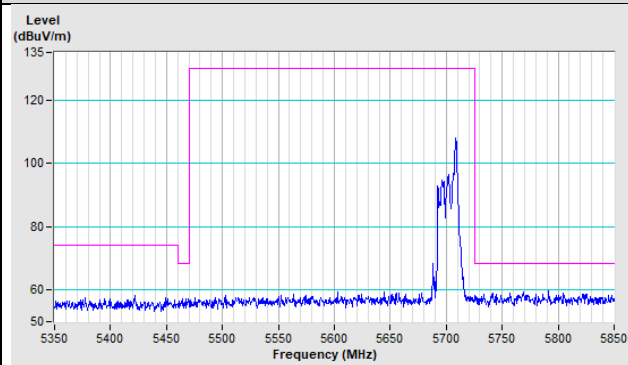


Vertical (Average)

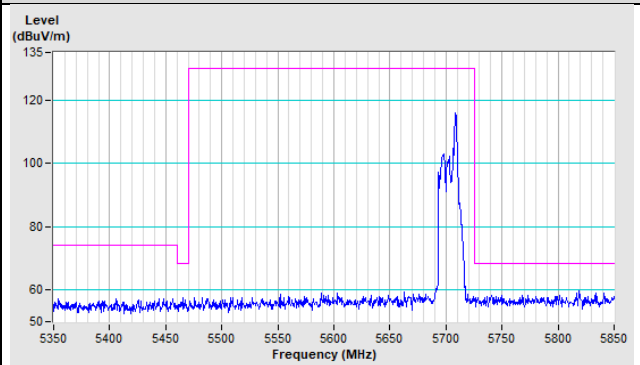


802.11ax (HE20)_RU26 Channel 140

Horizontal (Peak)

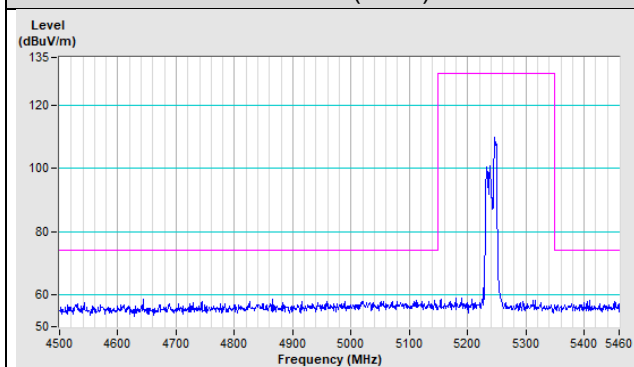


Vertical (Peak)

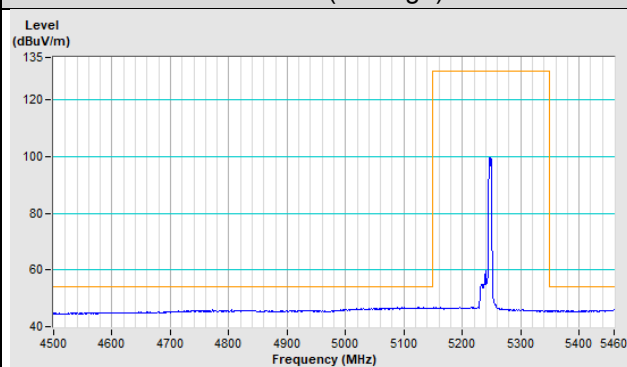


802.11ax (HE20)_RU52 Channel 48

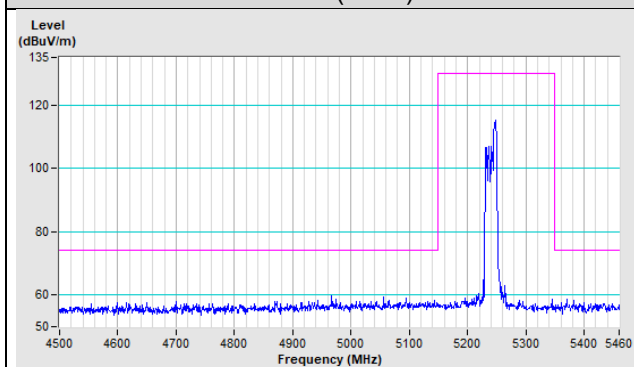
Horizontal (Peak)



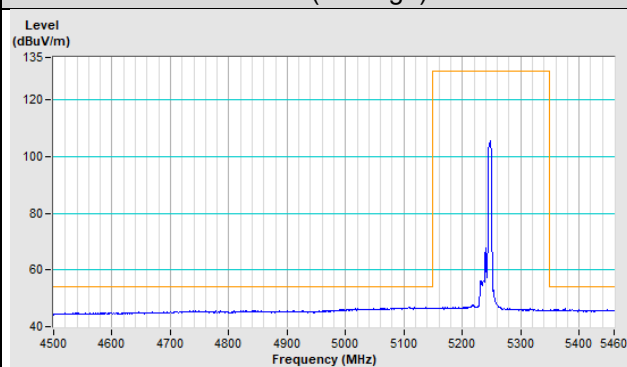
Horizontal (Average)



Vertical (Peak)

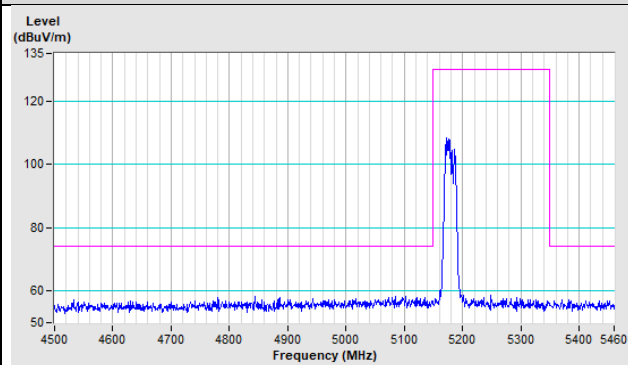


Vertical (Average)

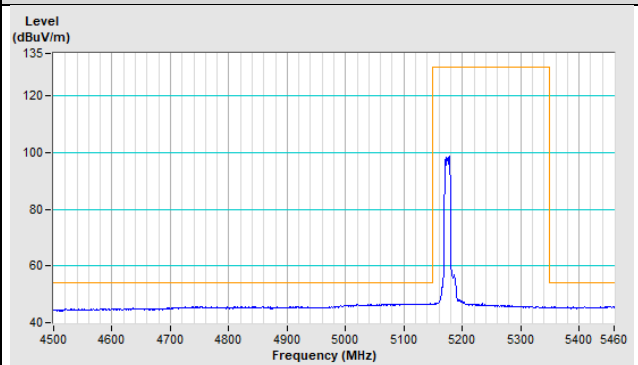


802.11ax (HE20)_RU106 Channel 36

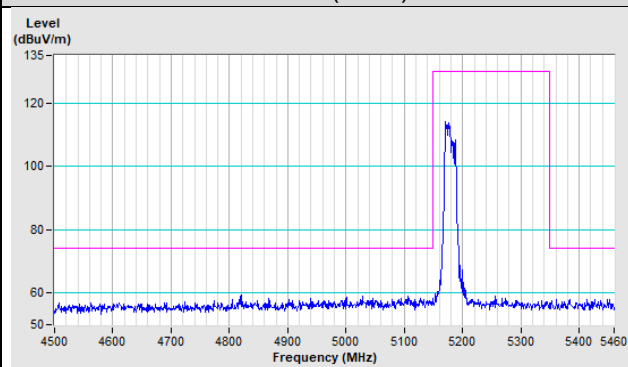
Horizontal (Peak)



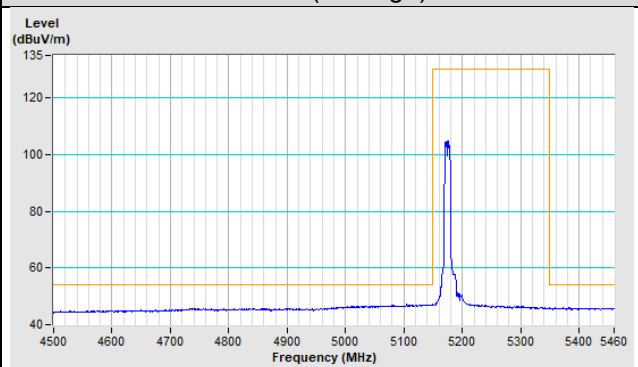
Horizontal (Average)



Vertical (Peak)

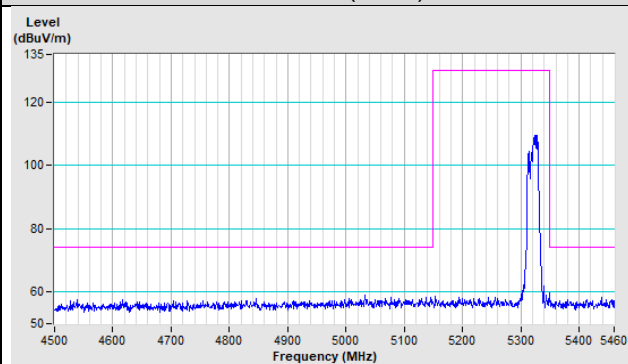


Vertical (Average)

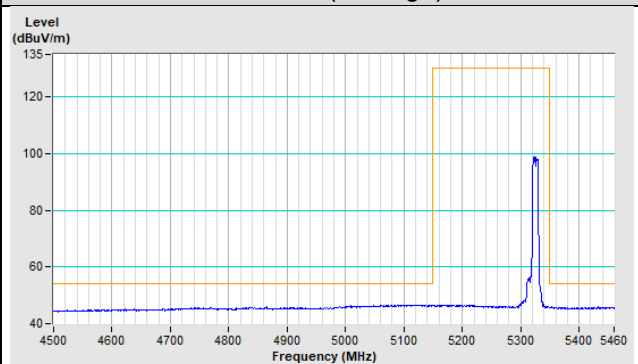


802.11ax (HE20)_RU106 Channel 64

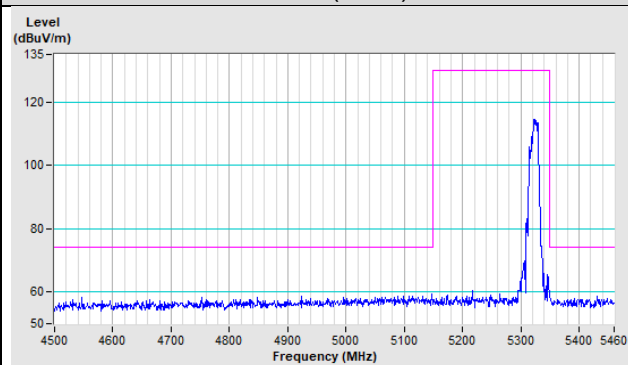
Horizontal (Peak)



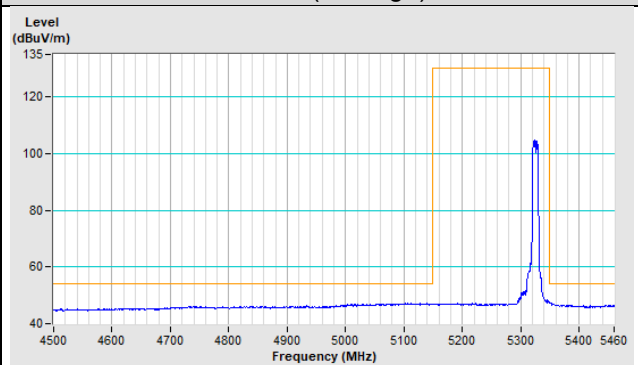
Horizontal (Average)



Vertical (Peak)

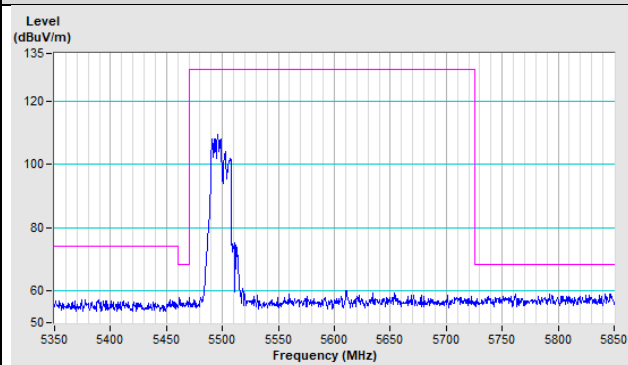


Vertical (Average)

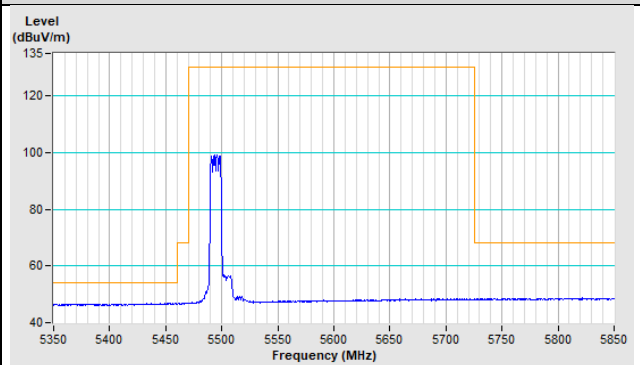


802.11ax (HE20)_RU106 Channel 100

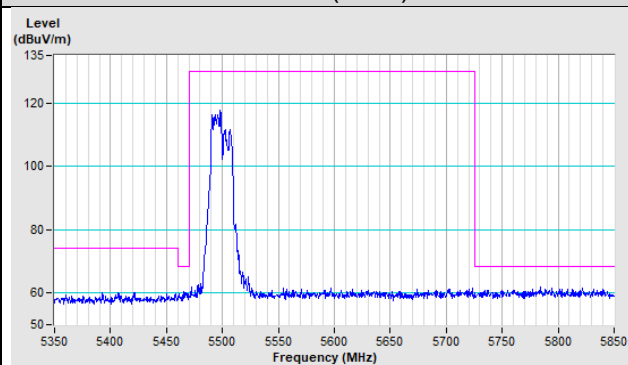
Horizontal (Peak)



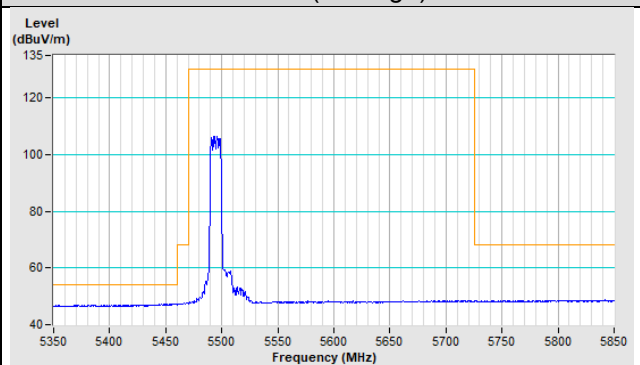
Horizontal (Average)



Vertical (Peak)

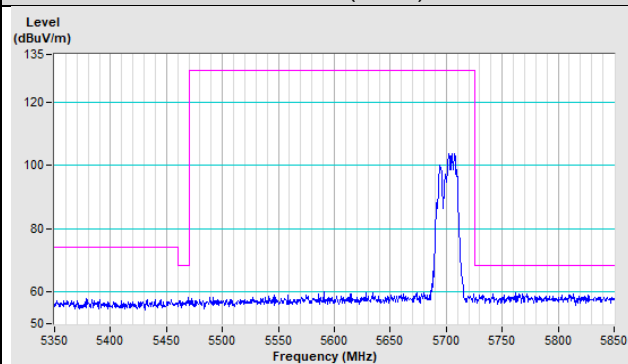


Vertical (Average)

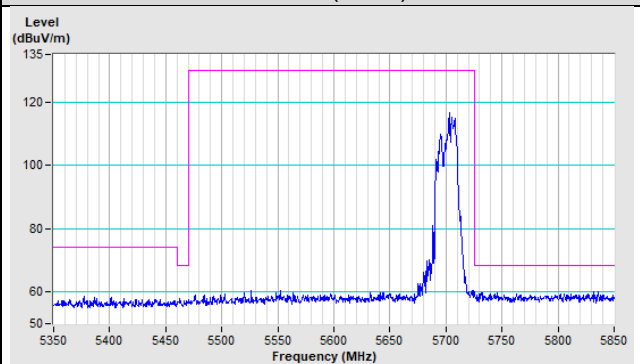


802.11ax (HE20)_RU106 Channel 140

Horizontal (Peak)

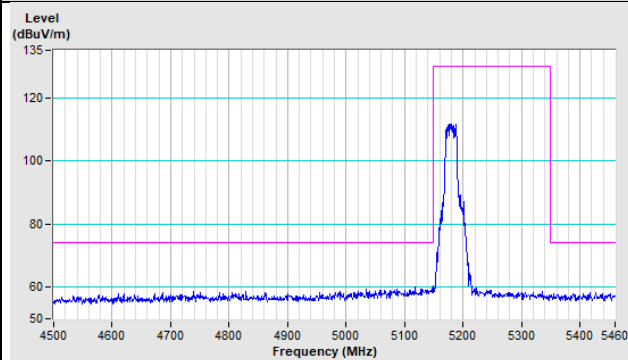


Vertical (Peak)

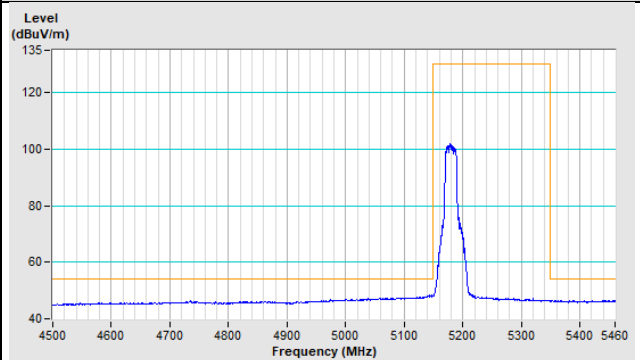


802.11ax (HE20)_Full RU Channel 36

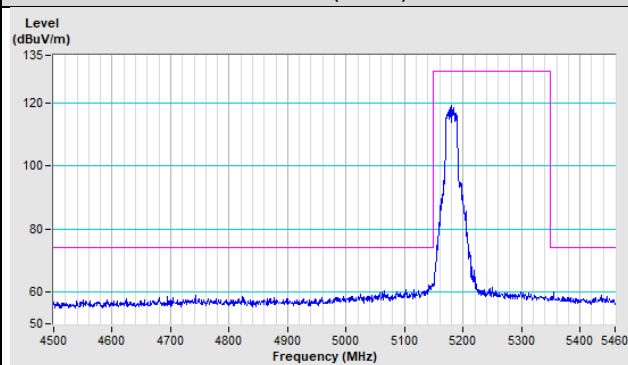
Horizontal (Peak)



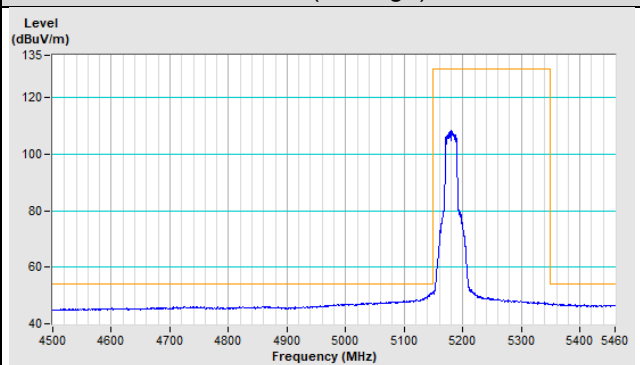
Horizontal (Average)



Vertical (Peak)

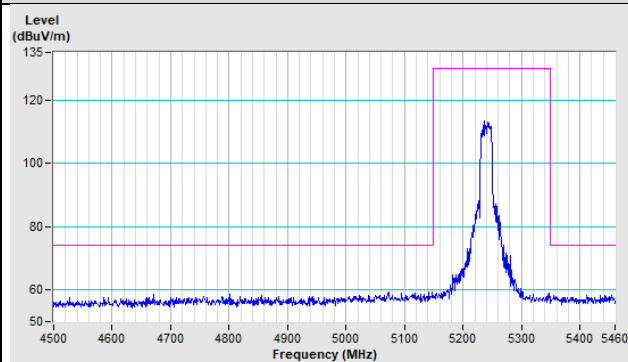


Vertical (Average)

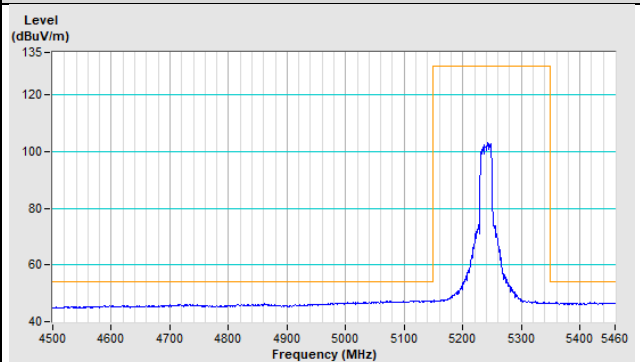


802.11ax (HE20)_Full RU Channel 48

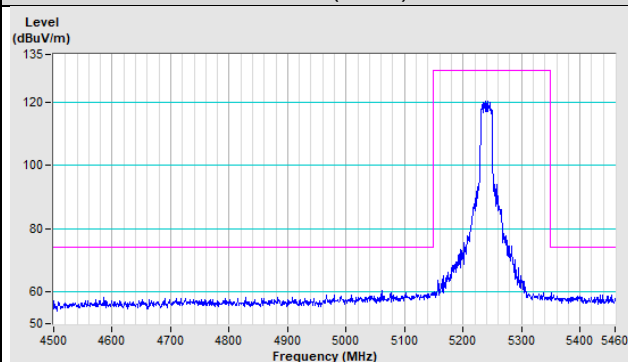
Horizontal (Peak)



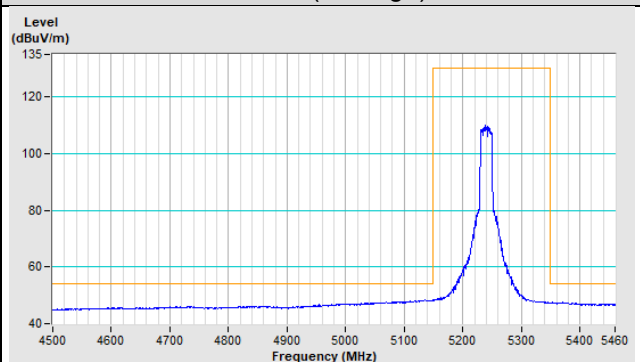
Horizontal (Average)



Vertical (Peak)

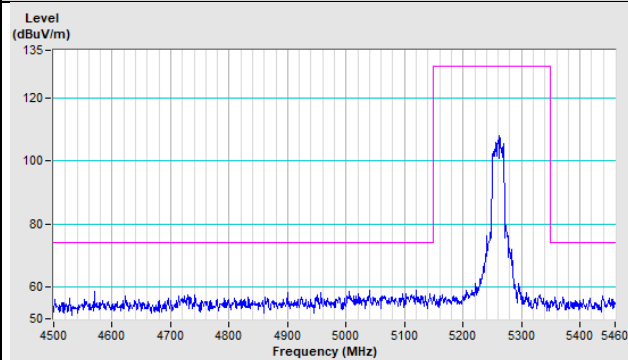


Vertical (Average)

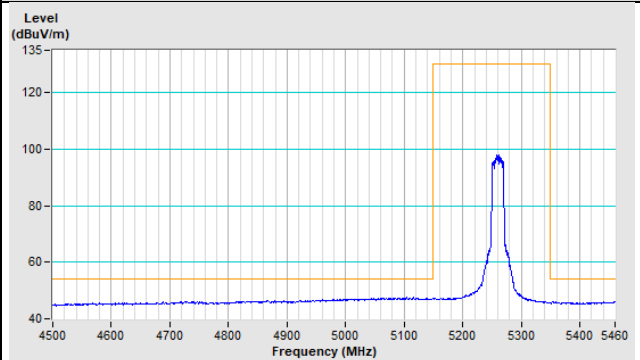


802.11ax (HE20)_Full RU Channel 52

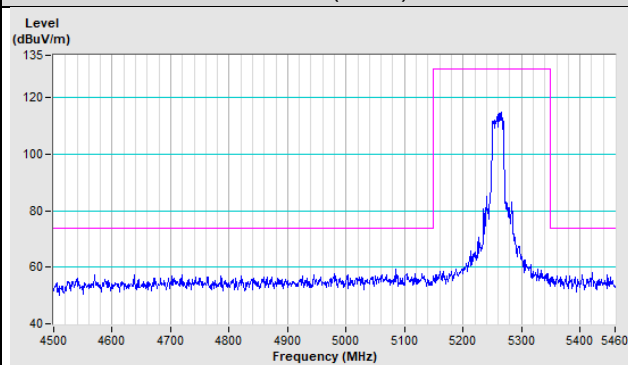
Horizontal (Peak)



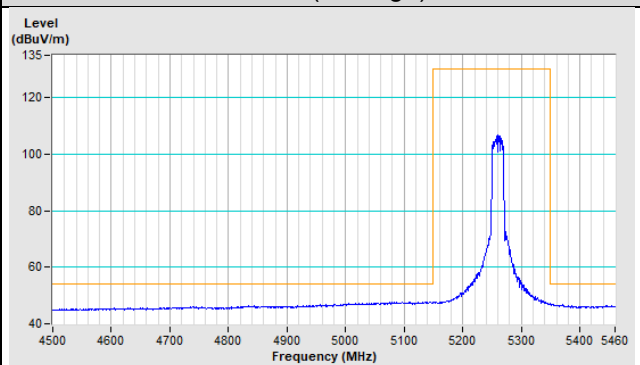
Horizontal (Average)



Vertical (Peak)

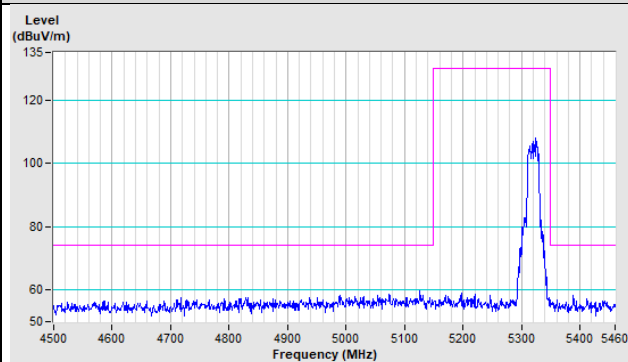


Vertical (Average)

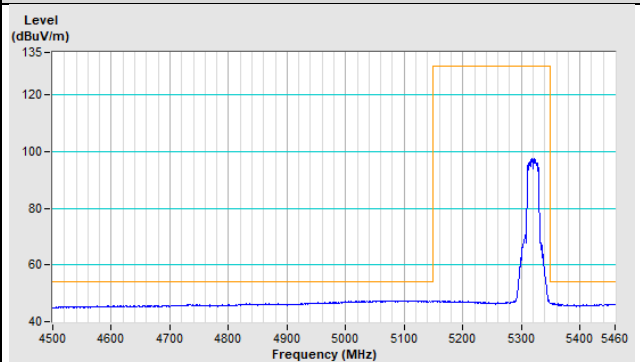


802.11ax (HE20)_Full RU Channel 64

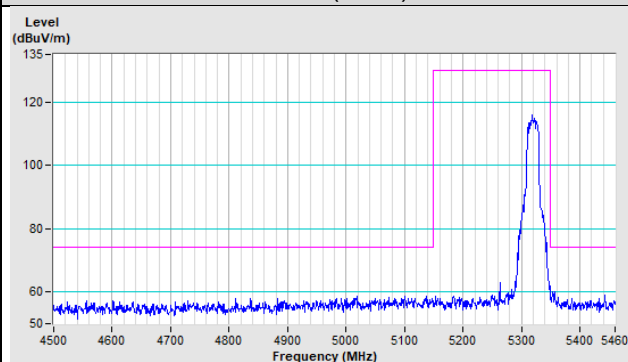
Horizontal (Peak)



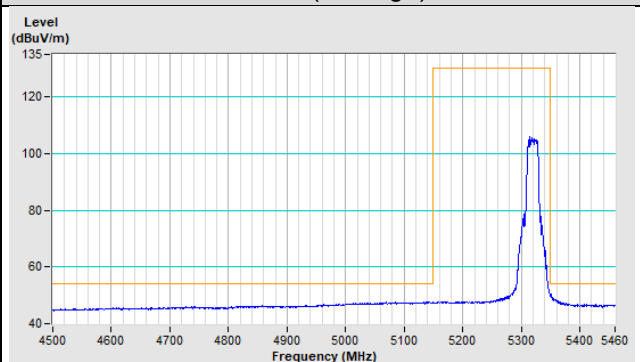
Horizontal (Average)



Vertical (Peak)

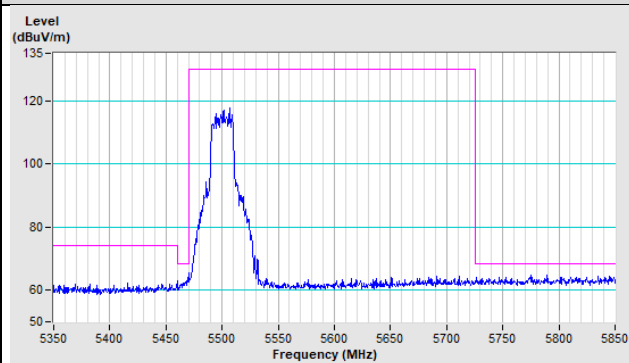


Vertical (Average)

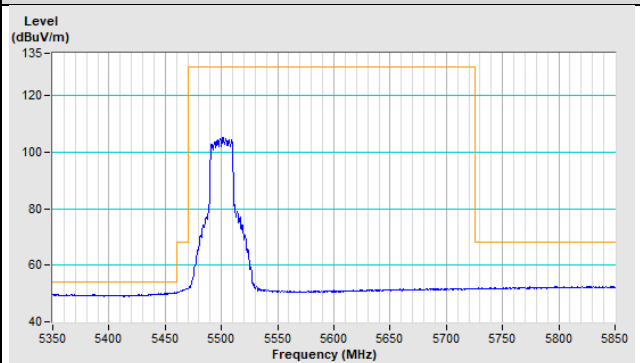


802.11ax (HE20)_Full RU Channel 100

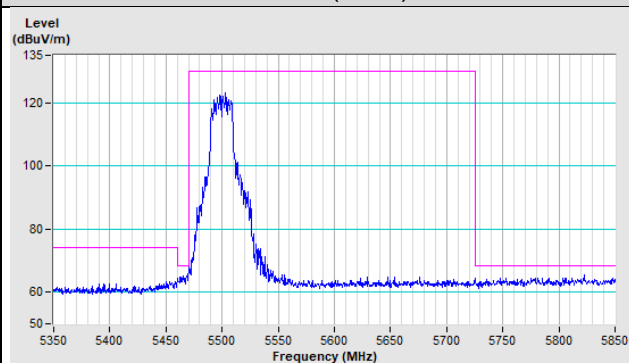
Horizontal (Peak)



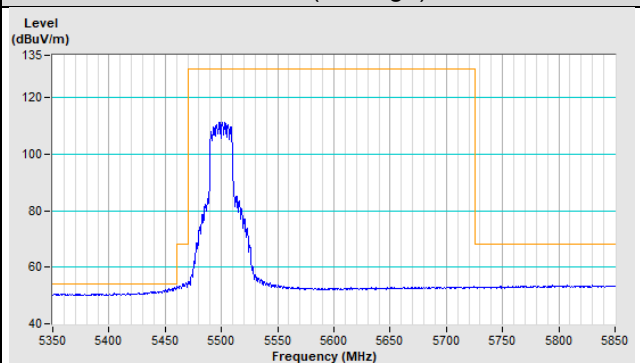
Horizontal (Average)



Vertical (Peak)

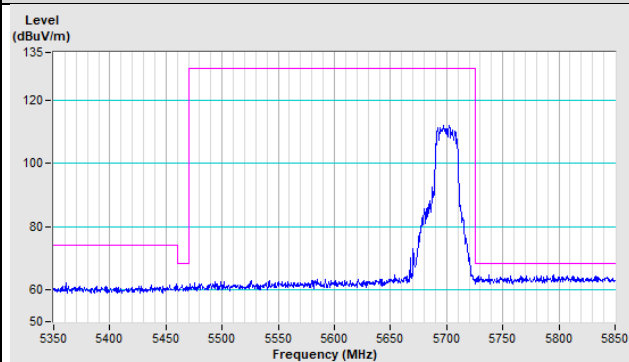


Vertical (Average)

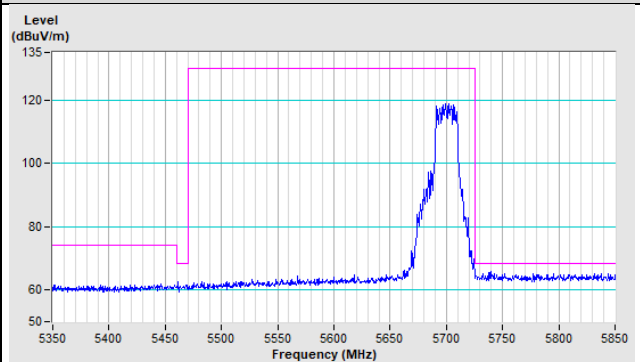


802.11ax (HE20)_Full RU Channel 140

Horizontal (Peak)

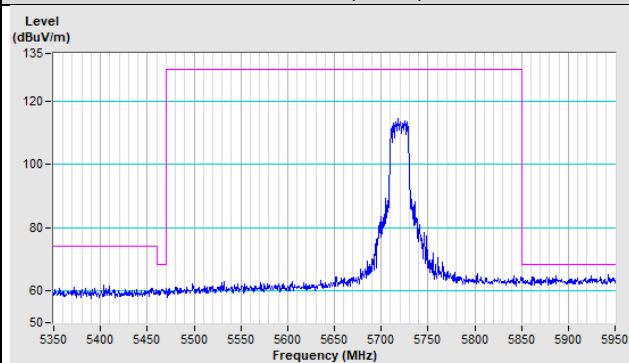


Vertical (Peak)

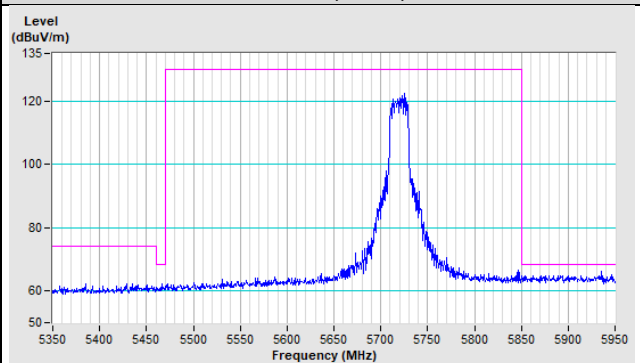


802.11ax (HE20)_Full RU Channel 144

Horizontal (Peak)

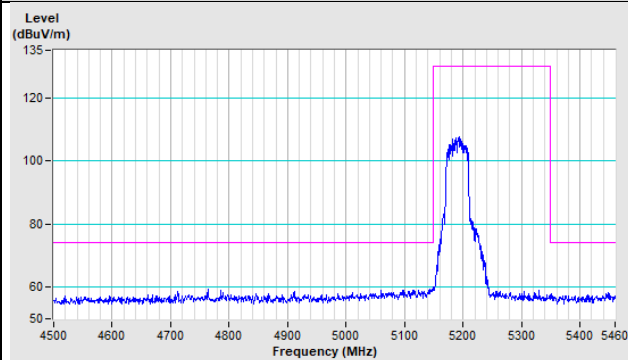


Vertical (Peak)

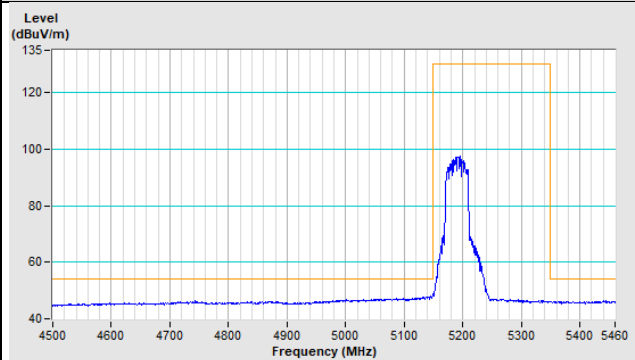


802.11ax (HE40)_Full RU Channel 38

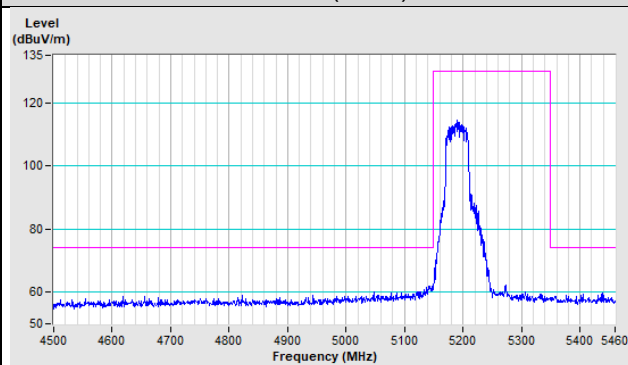
Horizontal (Peak)



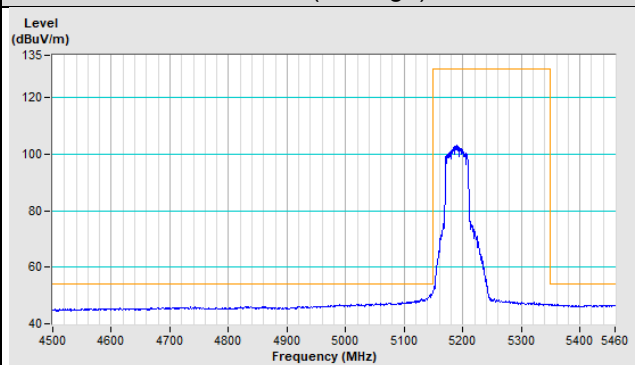
Horizontal (Average)



Vertical (Peak)

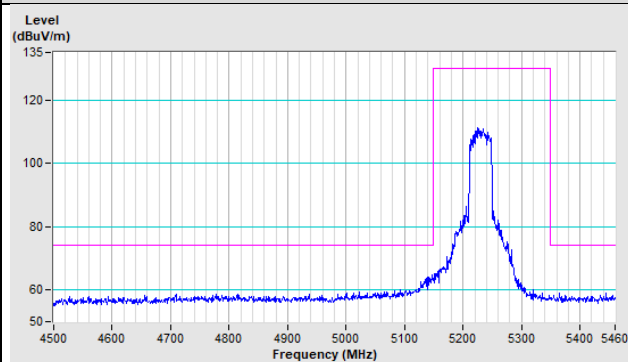


Vertical (Average)

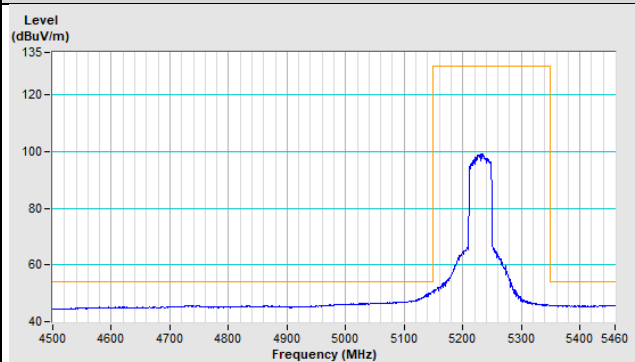


802.11ax (HE40)_Full RU Channel 46

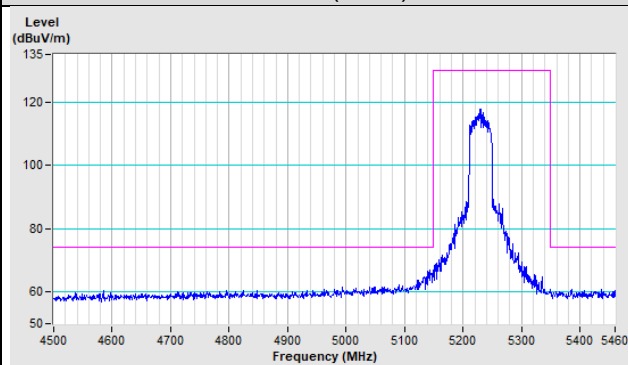
Horizontal (Peak)



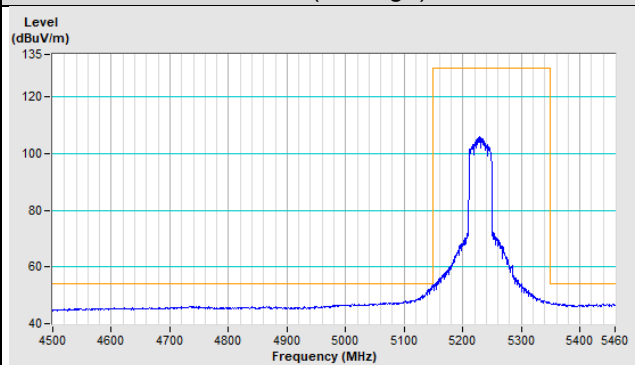
Horizontal (Average)



Vertical (Peak)

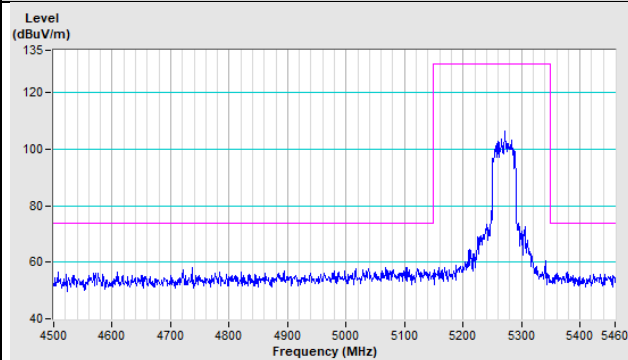


Vertical (Average)

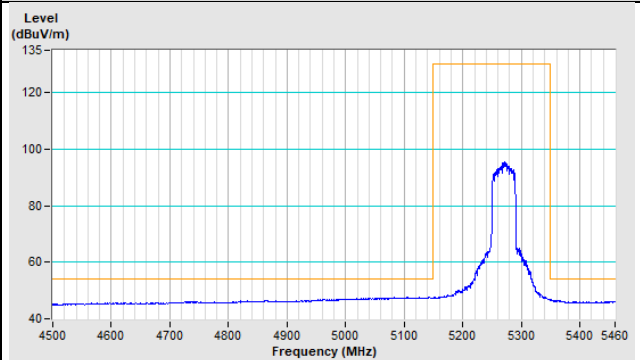


802.11ax (HE40)_Full RU Channel 54

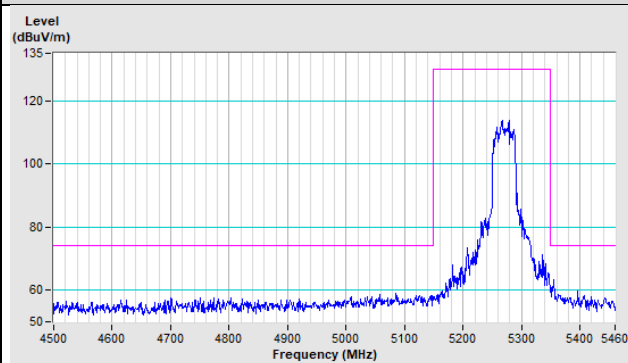
Horizontal (Peak)



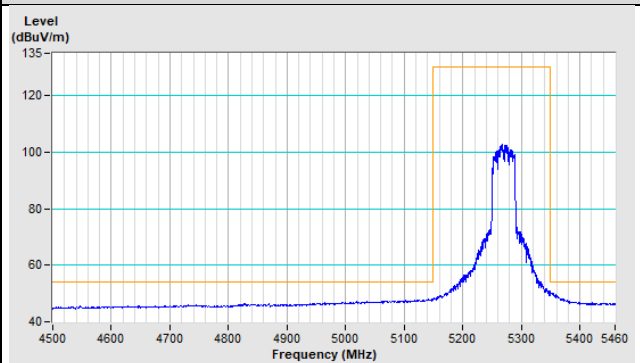
Horizontal (Average)



Vertical (Peak)

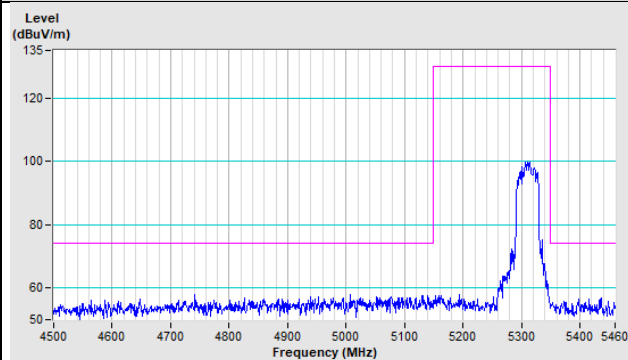


Vertical (Average)

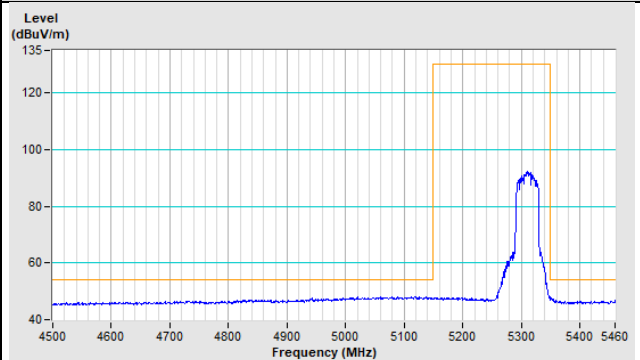


802.11ax (HE40)_Full RU Channel 62

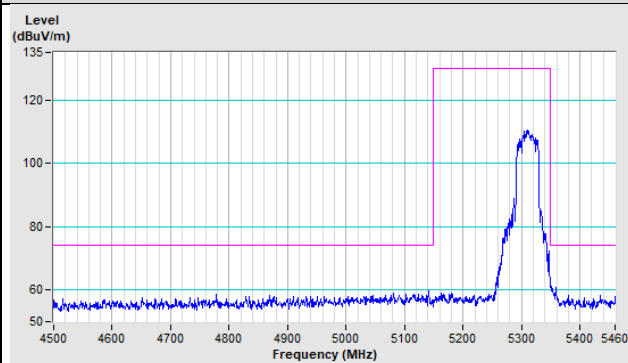
Horizontal (Peak)



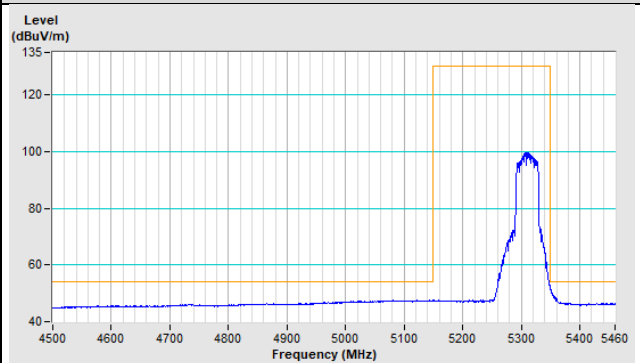
Horizontal (Average)



Vertical (Peak)

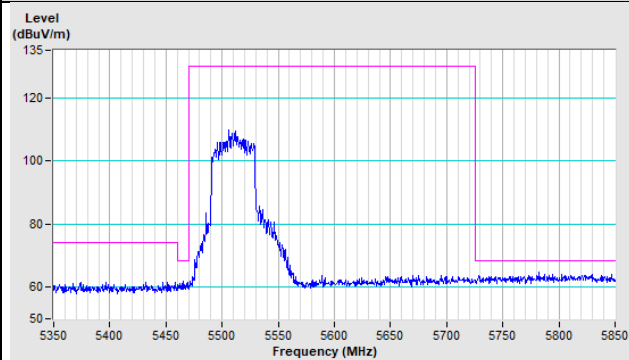


Vertical (Average)

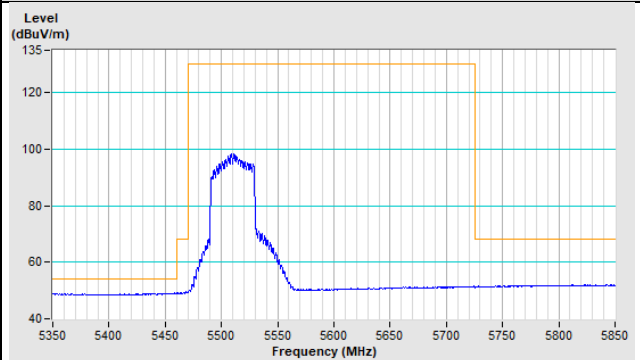


802.11ax (HE40)_Full RU Channel 102

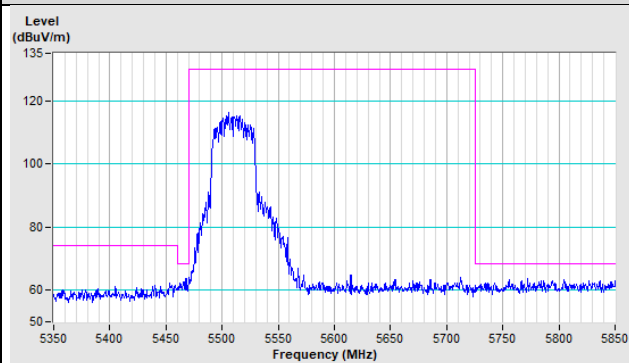
Horizontal (Peak)



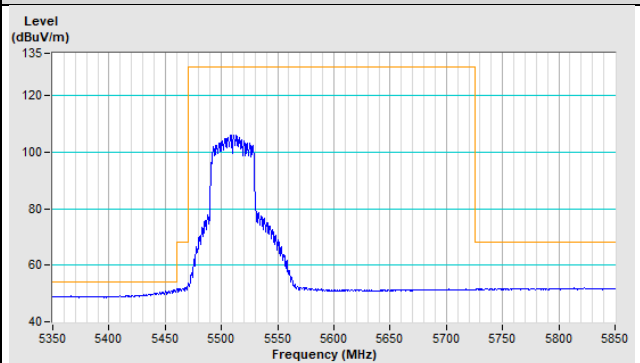
Horizontal (Average)



Vertical (Peak)

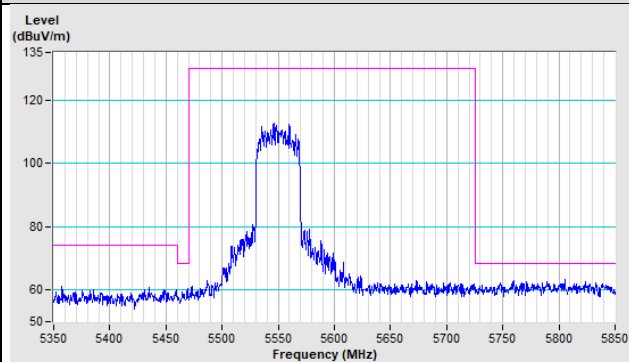


Vertical (Average)

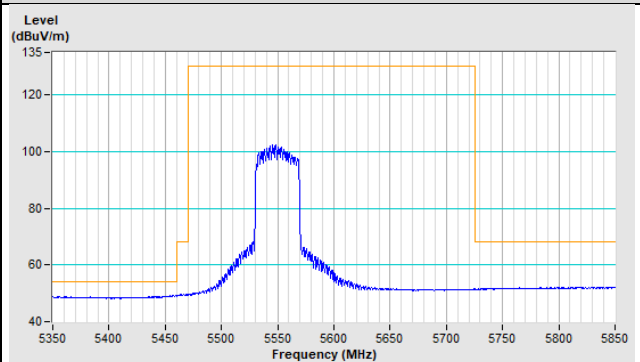


802.11ax (HE40)_Full RU Channel 110

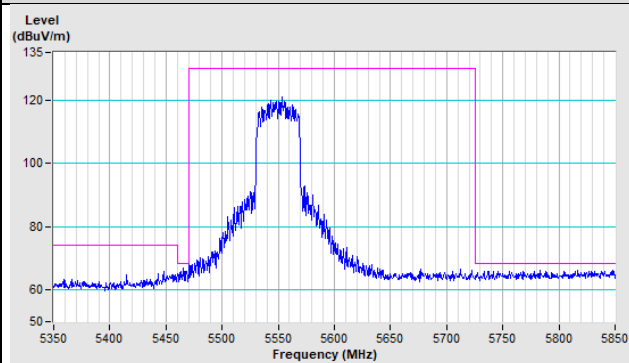
Horizontal (Peak)



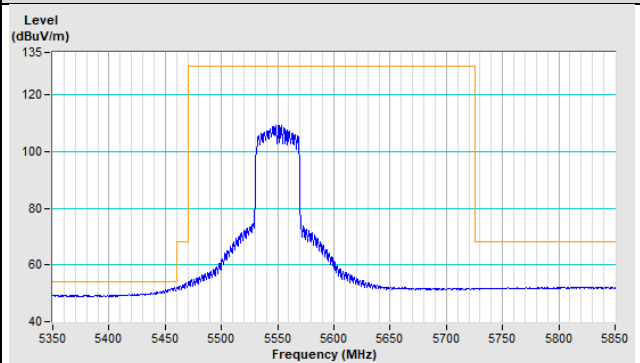
Horizontal (Average)



Vertical (Peak)

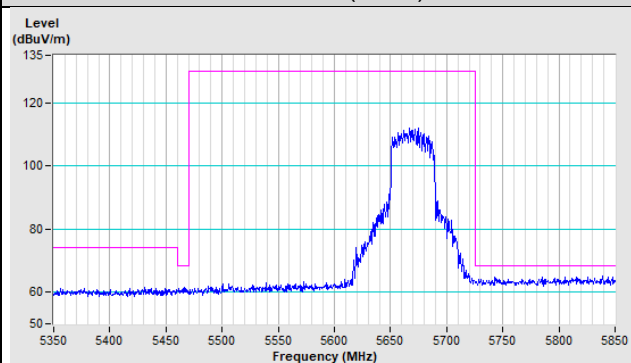


Vertical (Average)

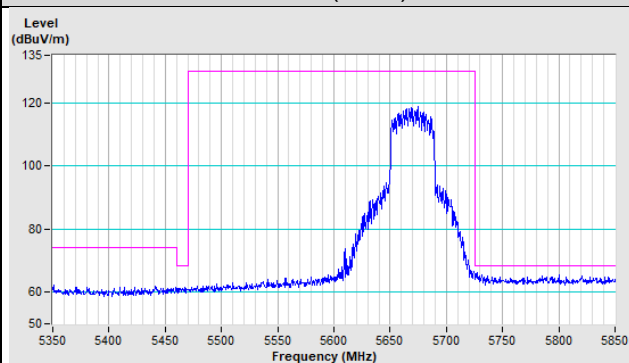


802.11ax (HE40)_Full RU Channel 134

Horizontal (Peak)

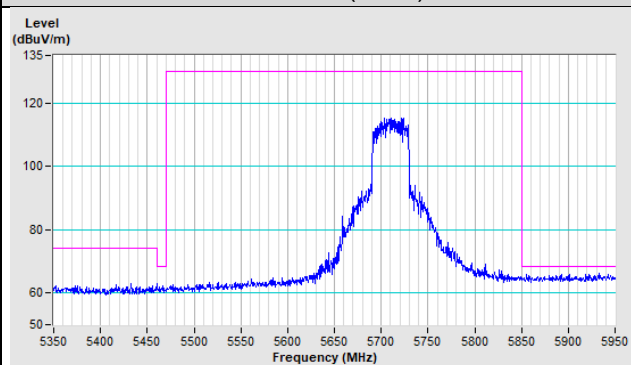


Vertical (Peak)

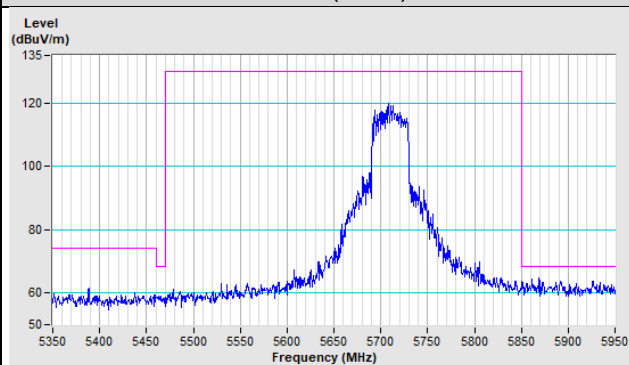


802.11ax (HE40)_Full RU Channel 142

Horizontal (Peak)

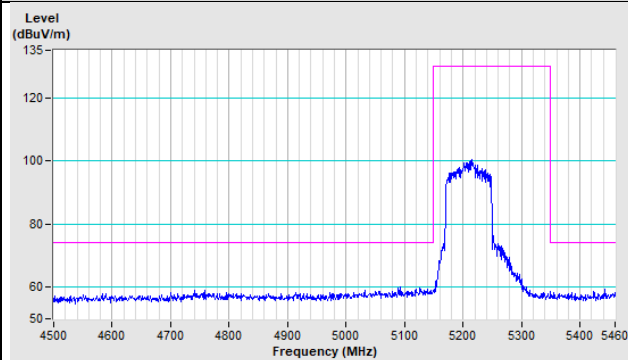


Vertical (Peak)

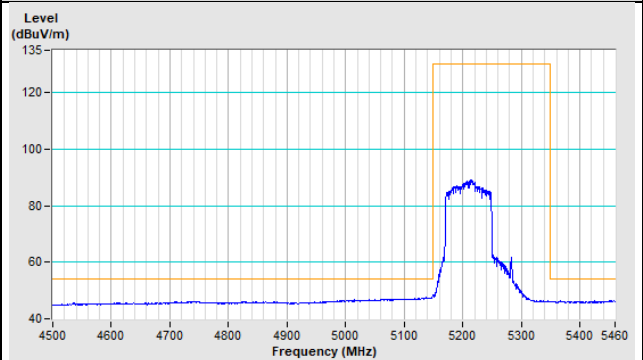


802.11ax (HE80)_Full RU Channel 42

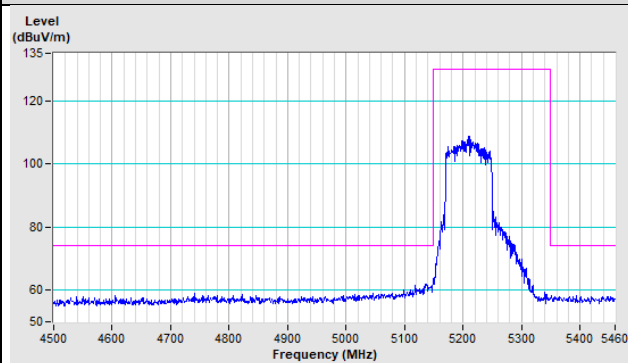
Horizontal (Peak)



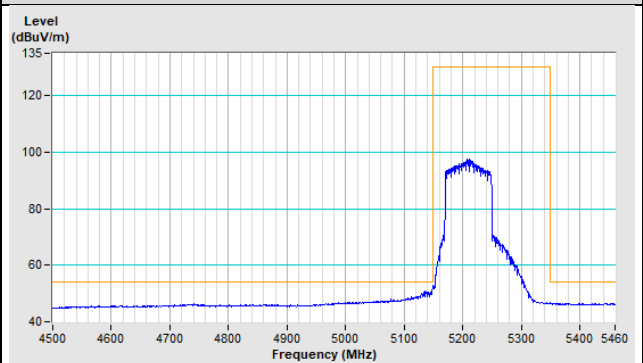
Horizontal (Average)



Vertical (Peak)

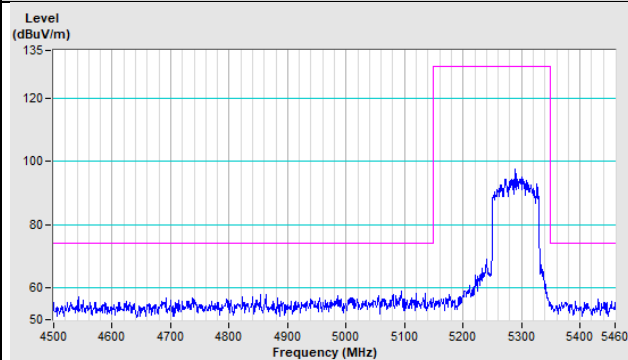


Vertical (Average)

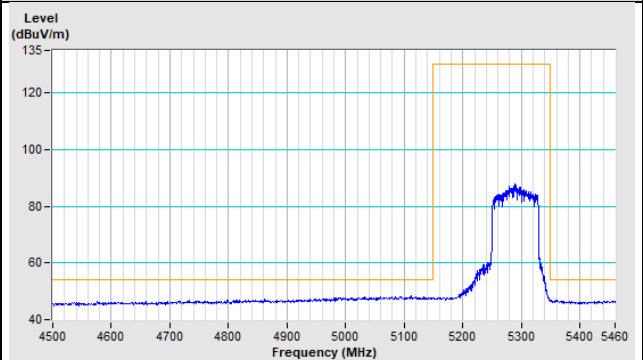


802.11ax (HE80)_Full RU Channel 58

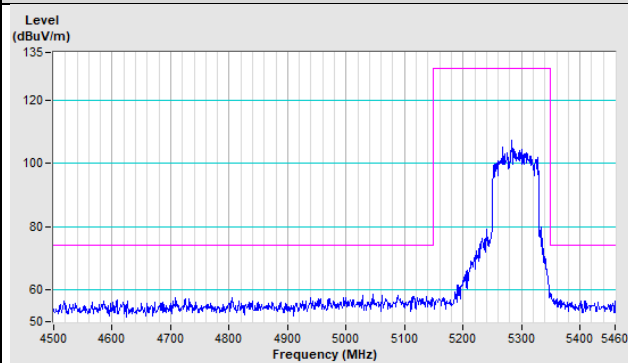
Horizontal (Peak)



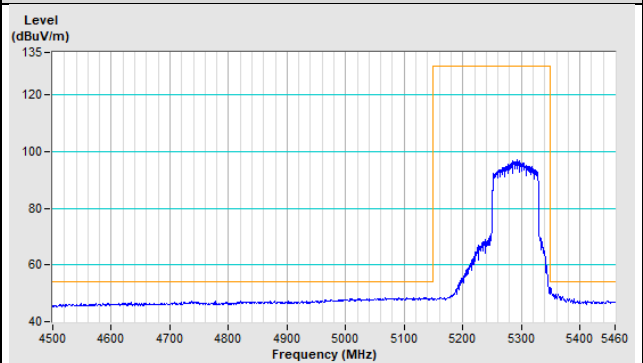
Horizontal (Average)



Vertical (Peak)

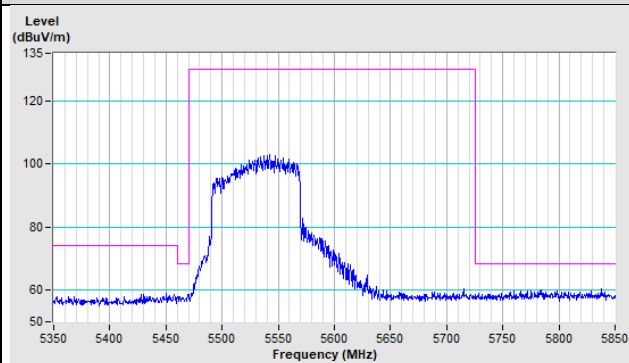


Vertical (Average)

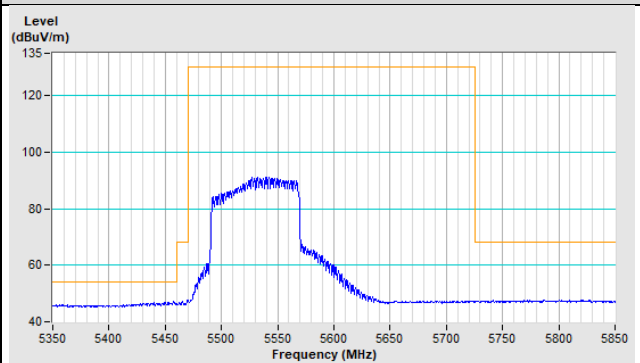


802.11ax (HE80)_Full RU Channel 106

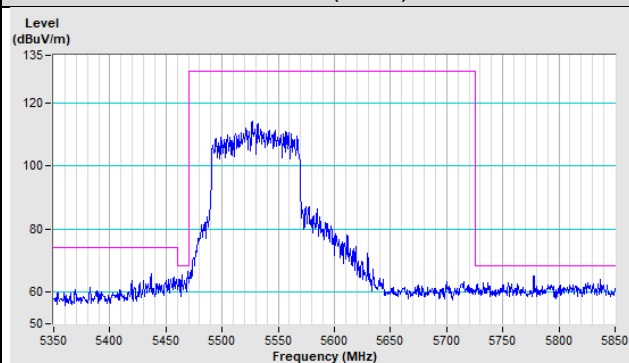
Horizontal (Peak)



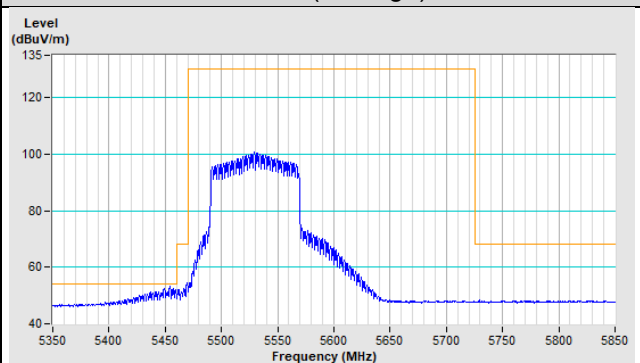
Horizontal (Average)



Vertical (Peak)

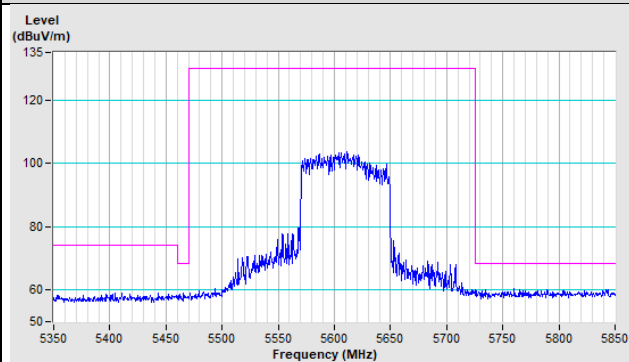


Vertical (Average)

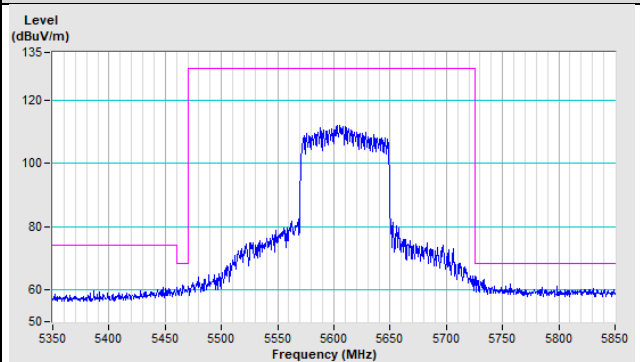


802.11ax (HE80)_Full RU Channel 122

Horizontal (Peak)

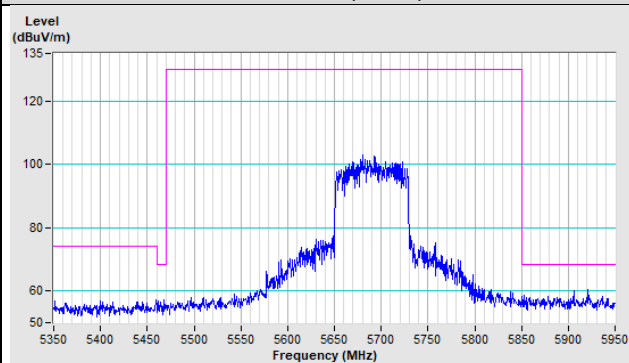


Vertical (Peak)

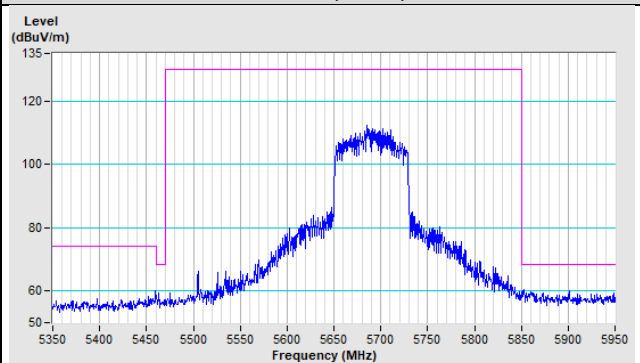


802.11ax (HE80)_Full RU Channel 138

Horizontal (Peak)

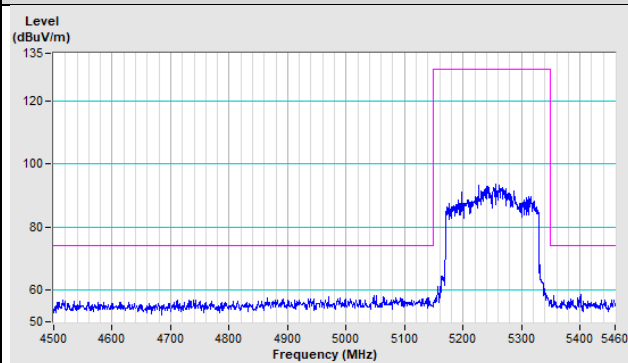


Vertical (Peak)

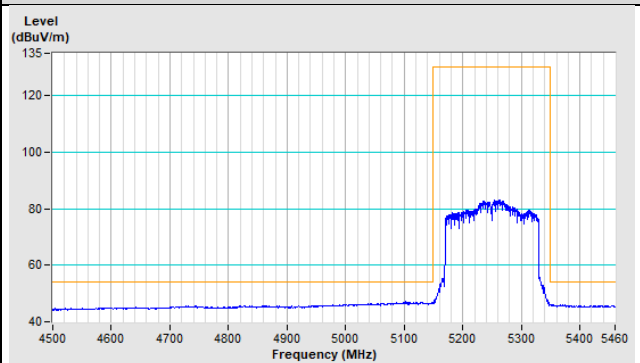


802.11ax (HE160)_Full RU Channel 50

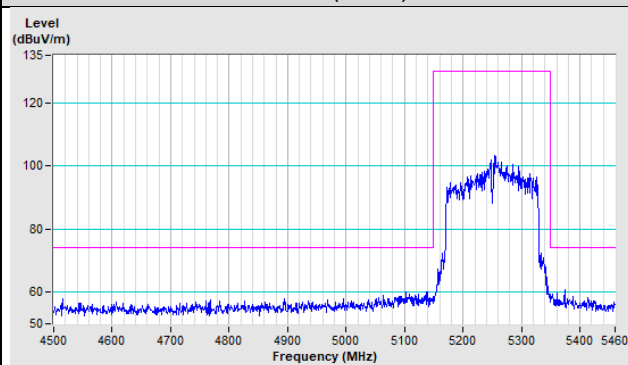
Horizontal (Peak)



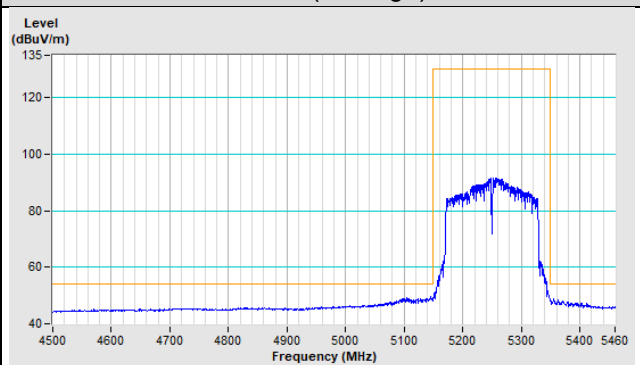
Horizontal (Average)



Vertical (Peak)

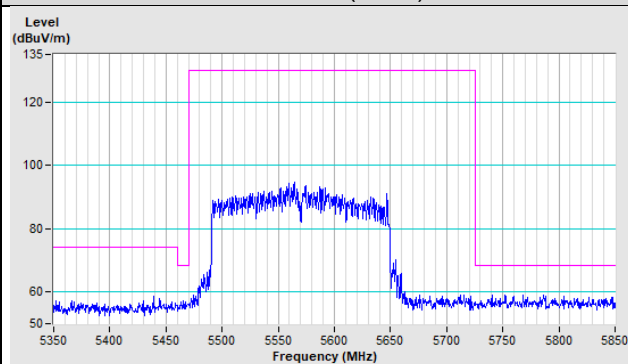


Vertical (Average)

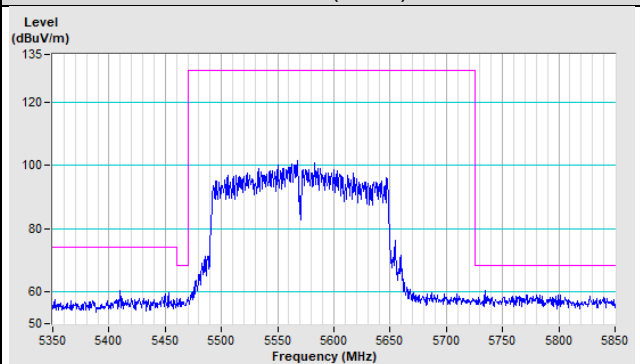


802.11ax (HE160)_Full RU Channel 114

Horizontal (Peak)



Vertical (Peak)



Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited and approved according to ISO/IEC 17025.

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Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

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