

FCC Test Report

Report No.: RFBARR-WTW-P21060023-1

FCC ID: RAS-MT7922A12L

Test Model: MT7922A12L

Received Date: June 01, 2021

Test Date: June 01 to Aug. 11, 2021

Issued Date: Aug. 24, 2021

Applicant: MediaTek Inc.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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Taiwan

**FCC Registration /
Designation Number:** 723255 / TW2022



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Release Control Record

Issue No.	Description	Date Issued
RFBARR-WTW-P21060023-1	Original release.	Aug. 24, 2021

1 Certificate of Conformity

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

Brand: MediaTek

Test Model: MT7922A12L

Sample Status: Engineering sample

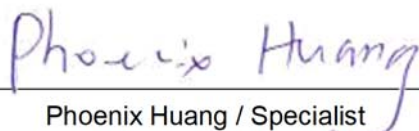
Applicant: MediaTek Inc.

Test Date: June 01 to Aug. 11, 2021

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

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

Prepared by :


Phoenix Huang / Specialist

Date:

Aug. 24, 2021

Approved by :



Clark Lin / Technical Manager

Date:

Aug. 24, 2021

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	Pass	Meet the requirement of limit. Minimum passing margin is -15.62 dB at 0.15053 MHz.
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 -0.1 dB at 5136.28 MHz, 5148.60 MHz, 5150.00 MHz, 5457.82 MHz and 5470.00 MHz.
15.407(a)(1/2/3)	Max Average Transmit Power	Pass	Meet the requirement of limit.
---	Occupied Bandwidth Measurement	-	Reference only.
15.407(a)(1/2/3)	Peak Power Spectral Density	Pass	Meet the requirement of limit.
15.407(e)	6dB bandwidth	Pass	Meet the requirement of limit. (U-NII-3 Band only)
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.203	Antenna Requirement	Pass	Antenna connector is i-pex(MHF) not a standard connector.

Note:

1. For U-NII-3 band compliance with rule part 15.407(b)(4)(i), the OOB test plots were recorded in Annex A.
2. 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.
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) ($\pm$)
Conducted Emissions at mains ports	150kHz ~ 30MHz	1.9 dB
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.1 dB
	30MHz ~ 1GHz	5.5 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	5.1 dB
	18GHz ~ 40GHz	5.3 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card
Brand	MediaTek
Test Model	MT7922A12L
Status of EUT	Engineering sample
Power Supply Rating	3.3 Vdc from host equipment
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode 1024QAM for OFDMA in 11ax mode only
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: up to 54 Mbps 802.11n: up to 300 Mbps 802.11ac: up to 1733.3 Mbps 802.11ax: up to 2401.9 Mbps
Operating Frequency	5.18 ~ 5.32 GHz, 5.50 ~ 5.72 GHz, 5.745 ~ 5.825 GHz
Number of Channel	802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 25 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 12 802.11ac (VHT80), 802.11ax (HE80): 6 802.11ac (VHT160), 802.11ax (HE160): 2
Output Power	5.18 ~ 5.32 GHz: 197.703 mW 5.5 ~ 5.72 GHz: 243.885 mW 5.745 ~ 5.825 GHz: 256.185 mW
Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. There are Bluetooth and WLAN (2.4GHz & 5GHz & 6GHz) technology used for the EUT.
2. 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. The antennas provided to the EUT, please refer to the following table:

Antenna Set	RF Chain No.	Brand	Model	Antenna Net 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
	Chain1	PSA	RFMTA340718EMLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex(MHF)	200
2	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
	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

Note: Max. gain was selected for the final test.

4. The EUT incorporates a MIMO function:

5GHz Band		
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 (RU26/52/106/242/484/996/1992)	2TX	2RX

Note:

- The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz), 802.11ac mode for 20MHz (40MHz, 80MHz, 160MHz) and 802.11ax mode for 20MHz (40MHz, 80MHz, 160MHz), therefore the manufacturer will control the power for 802.11n/ac mode is the same as the 802.11ax or more lower than it and investigated worst case to representative mode in test report. (Final test mode refer to 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)

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

6. 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.

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	52	5260 MHz
40	5200 MHz	56	5280 MHz
44	5220 MHz	60	5300 MHz
48	5240 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	54	5270 MHz
46	5230 MHz	62	5310 MHz

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

Channel	Frequency	Channel	Frequency
42	5210MHz	58	5290 MHz

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

Channel	Frequency
50	5250 MHz

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	138	5690 MHz
122	5610 MHz		

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

Channel	Frequency
114	5570 MHz

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	PLC	APCM	
1	√	√	√	√	-

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

RE<1G: Radiated Emission below 1GHz

PLC: Power Line Conducted Emission

APCM: Antenna Port Conducted Measurement

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

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, RU configurations and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11a	5180-5320	36 to 64	36, 40, 48, 52, 60, 64	OFDM	BPSK	6Mb/s	-
802.11ax (HE20)		36 to 64	36, 40, 48, 52, 60, 64	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		38 to 62	38, 46, 54, 62	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		42, 58	42, 58	OFDMA	BPSK	MCS0	-
802.11ax (HE160)		50	50	OFDMA	BPSK	MCS0	-
802.11ax (RU26)		36 to 64	36, 64	OFDMA	BPSK	MCS0	26/0, 26/8
802.11ax (RU52)		36 to 64	48	OFDMA	BPSK	MCS0	52/40
802.11ax (RU106)		36 to 64	36, 64	OFDMA	BPSK	MCS0	106/53, 106/54
802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6Mb/s	-
802.11ax (HE20)		100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		102 to 142	102, 110, 134, 142	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		106 to 138	106, 122, 138	OFDMA	BPSK	MCS0	-
802.11ax (HE160)		114	114	OFDMA	BPSK	MCS0	-
802.11ax (RU26)		100 to 144	100, 140	OFDMA	BPSK	MCS0	26/0, 26/8
802.11ax (RU106)		100 to 144	100, 140	OFDMA	BPSK	MCS0	106/53, 106/54
802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6Mb/s	-
802.11ax (HE20)		149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		151 to 159	151, 159	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		155	155	OFDMA	BPSK	MCS0	-
802.11ax (RU26)		149 to 165	149, 165	OFDMA	BPSK	MCS0	26/0, 26/8
802.11ax (RU52)		149 to 165	165	OFDMA	BPSK	MCS0	52/40
802.11ax (RU106)		149 to 165	149, 165	OFDMA	BPSK	MCS0	106/53, 106/54

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, RU configurations and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11a	5180-5320, 5500-5720, 5745-5825	36 to 64, 100 to 144, 149 to 165	157	OFDM	BPSK	6Mb/s

Power Line Conducted Emission Test:

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

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11a	5180-5320, 5500-5720, 5745-5825	36 to 64, 100 to 144, 149 to 165	157	OFDM	BPSK	6Mb/s

Antenna Port Conducted Measurement:

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

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11a	5180-5320	36 to 64	36, 40, 48, 52, 60, 64	OFDM	BPSK	6Mb/s	-
802.11ac (VHT20) (output power only)		36 to 64	36, 40, 48, 52, 60, 64	OFDM	BPSK	MCS0	-
802.11ac (VHT40) (output power only)		38 to 62	38, 46, 54, 62	OFDM	BPSK	MCS0	-
802.11ac (VHT80) (output power only)		42, 58	42, 58	OFDM	BPSK	MCS0	-
802.11ac (VHT160) (output power only)		50	50	OFDM	BPSK	MCS0	-
802.11ax (HE20)		36 to 64	36, 40, 48, 52, 60, 64	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		38 to 62	38, 46, 54, 62	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		42, 58	42, 58	OFDMA	BPSK	MCS0	-
802.11ax (HE160)		50	50	OFDMA	BPSK	MCS0	-
802.11ax (RU26)		36 to 64	36, 64	OFDMA	BPSK	MCS0	26/0, 26/8
802.11ax (RU52)		36 to 64	48	OFDMA	BPSK	MCS0	52/40
802.11ax (RU106)		36 to 64	36, 64	OFDMA	BPSK	MCS0	106/53, 106/54
802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6Mb/s	-
802.11ac (VHT20) (output power only)		100 to 144	100, 116, 140, 144	OFDM	BPSK	MCS0	-
802.11ac (VHT40) (output power only)		102 to 142	102, 110, 134, 142	OFDM	BPSK	MCS0	-
802.11ac (VHT80) (output power only)		106 to 138	106, 122, 138	OFDM	BPSK	MCS0	-
802.11ac (VHT160) (output power only)		114	114	OFDM	BPSK	MCS0	-
802.11ax (HE20)		100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		102 to 142	102, 110, 134, 142	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		106 to 138	106, 122, 138	OFDMA	BPSK	MCS0	-
802.11ax (HE160)		114	114	OFDMA	BPSK	MCS0	-
802.11ax (RU26)		100 to 144	100, 140	OFDMA	BPSK	MCS0	26/0, 26/8
802.11ax (RU106)		100 to 144	100, 140	OFDMA	BPSK	MCS0	106/53, 106/54

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6Mb/s	-
802.11ac (VHT20) (output power only)		149 to 165	149, 157, 165	OFDM	BPSK	MCS0	-
802.11ac (VHT40) (output power only)		151 to 159	151, 159	OFDM	BPSK	MCS0	-
802.11ac (VHT80) (output power only)		155	155	OFDM	BPSK	MCS0	-
802.11ax (HE20)		149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		151 to 159	151, 159	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		155	155	OFDMA	BPSK	MCS0	-
802.11ax (RU26)		149 to 165	149, 165	OFDMA	BPSK	MCS0	26/0, 26/8
802.11ax (RU52)		149 to 165	165	OFDMA	BPSK	MCS0	52/40
802.11ax (RU106)		149 to 165	149, 165	OFDMA	BPSK	MCS0	106/53, 106/54

Test Condition:

Applicable To	Environmental Conditions	Input Power (System)	Tested By
RE $\geq$ 1G	25deg. C, 65~75%RH	120Vac, 60Hz	Tom Yang, Carter Lin
RE<1G	25deg. C, 66%RH	120Vac, 60Hz	Tom Yang
PLC	25deg. C, 66%RH	120Vac, 60Hz	Tom Yang
APCM	25deg. C, 60%RH	120Vac, 60Hz	Kevin.Ko

3.3 Duty Cycle of Test Signal

Duty cycle of test signal is < 98%, duty factor shall be considered.

For Legacy mode:

802.11a: Duty cycle = 5.483 ms/5.933 ms = 0.924, Duty factor = $10 * \log (1/\text{Duty cycle}) = 0.34 \text{ dB}$
 802.11ax (HE20): Duty cycle = 3.875 ms/4.31 ms = 0.899, Duty factor = $10 * \log (1/\text{Duty cycle}) = 0.46 \text{ dB}$
 802.11ax (HE40): Duty cycle = 3.783 ms/4.373 ms = 0.865, Duty factor = $10 * \log (1/\text{Duty cycle}) = 0.63 \text{ dB}$
 802.11ax (HE80): Duty cycle = 1.84 ms/2.409 ms = 0.764, Duty factor = $10 * \log (1/\text{Duty cycle}) = 1.17 \text{ dB}$
 802.11ax (HE160): Duty cycle = 0.955 ms/1.522 ms = 0.627, Duty factor = $10 * \log (1/\text{Duty cycle}) = 2.02 \text{ dB}$

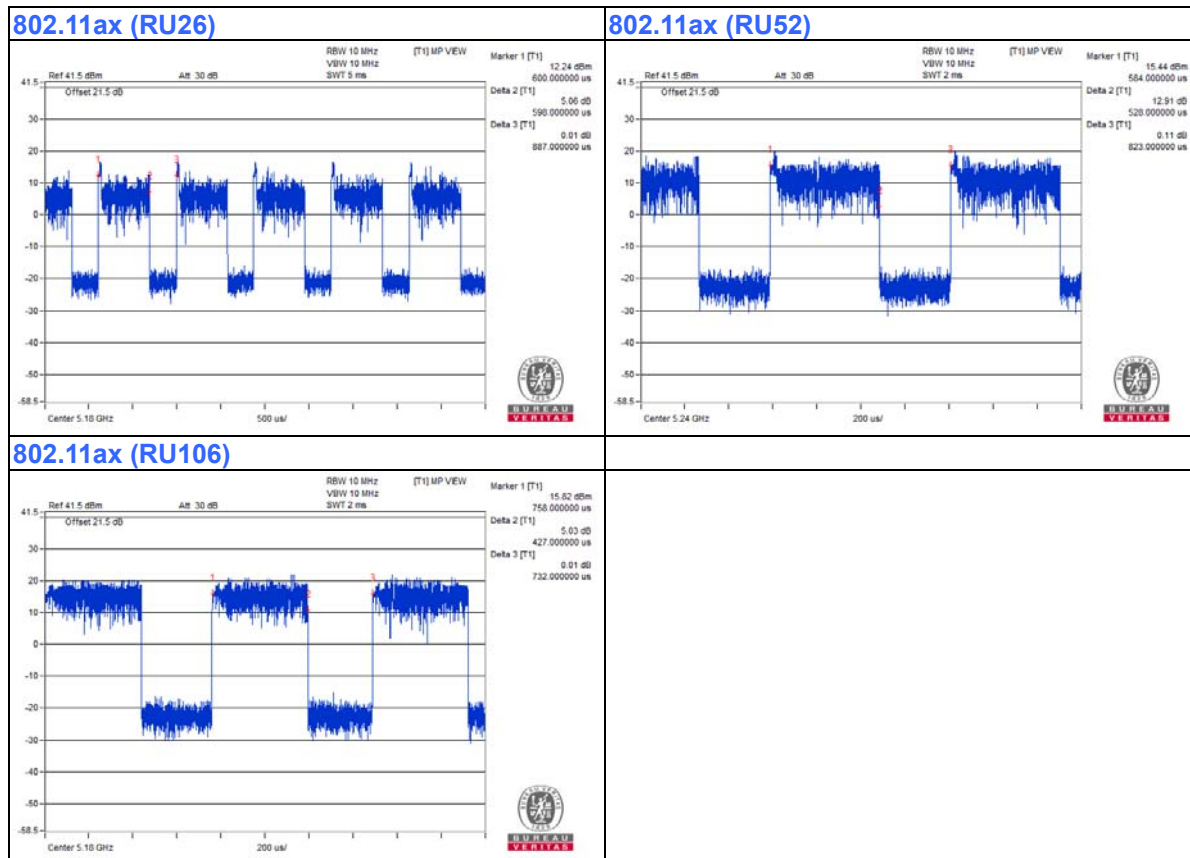


For RU mode:

802.11ax (RU26): Duty cycle = 0.598 ms/0.887 ms = 0.674, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 1.71 \text{ dB}$

802.11ax (RU52): Duty cycle = 0.528 ms/0.823 ms = 0.642, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 1.93 \text{ dB}$

802.11ax (RU106): Duty cycle = 0.427 ms/0.732 ms = 0.583, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.34 \text{ dB}$



3.4 Description of Support Units

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

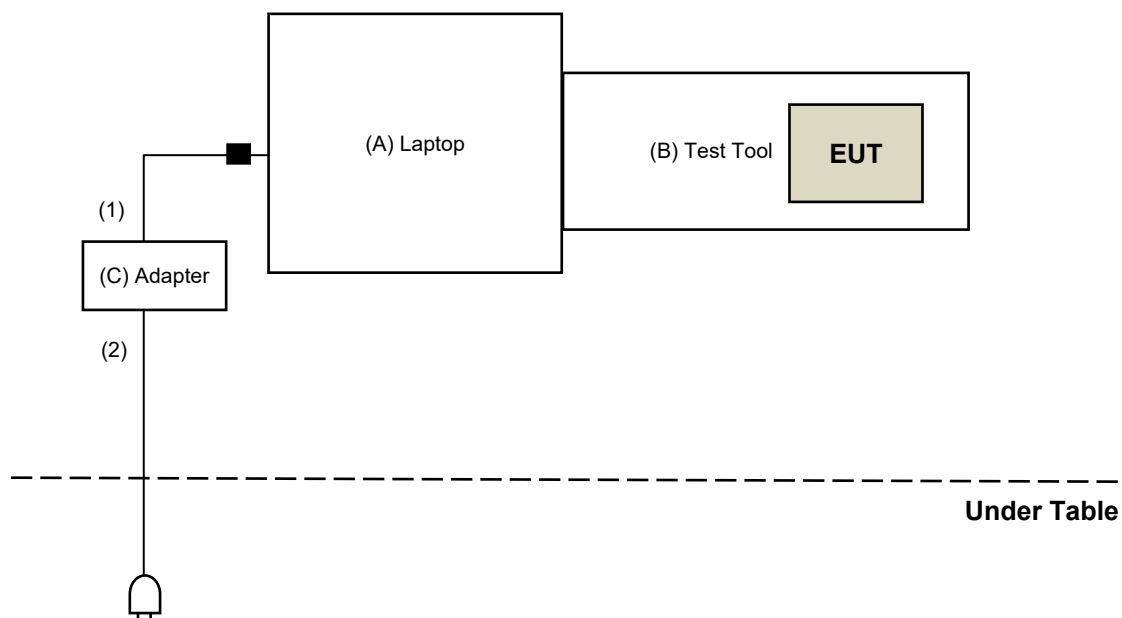
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Laptop	DELL	E5430	HYV4VY1	DoC	Provided by Lab
B.	Test Tool	MediaTek	MTK1849	NA	NA	Supplied by client
C.	Adapter	Dell	LA65NS2-01	NA	NA	Provided by Lab

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	DC Cable	1	1.8	No	1	Provided by Lab
2.	AC Cable	1	1.8	No	0	Provided by Lab

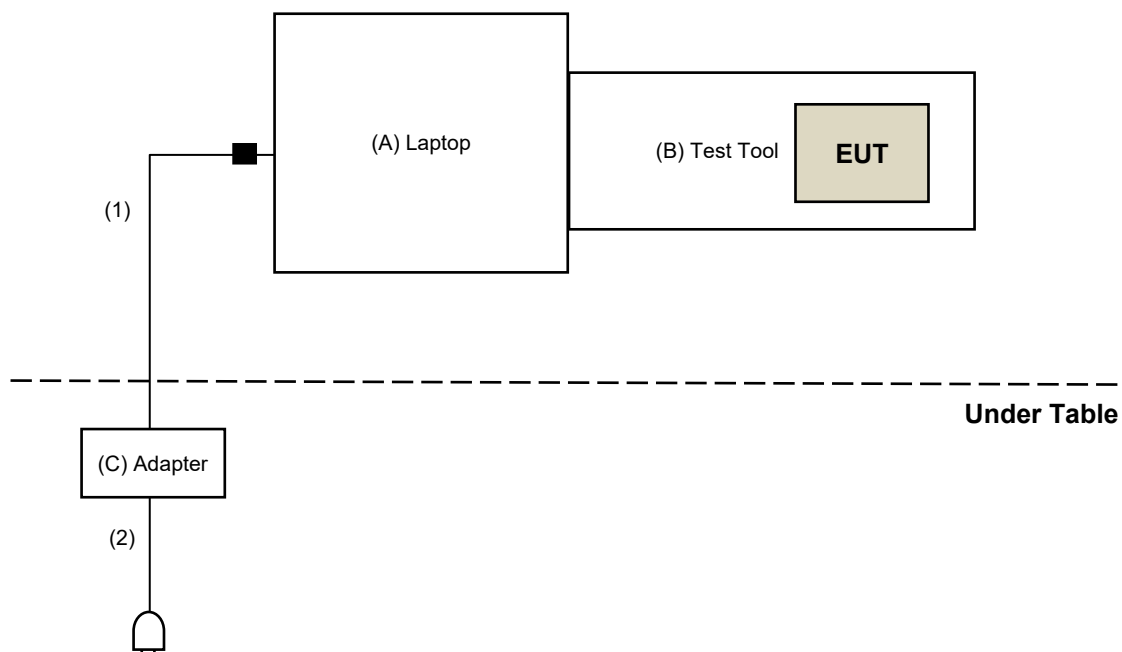
Note: The core(s) is(are) originally attached to the cable(s).

3.4.1 Configuration of System under Test

For AC Power Conducted Emission test:



For Radiated Emission test:



3.5 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}
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:

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

4.1.2 Test Instruments

For Radiated Emission test:

Description & Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Test Receiver Agilent	N9038A	MY51210202	Dec. 1, 2020	Nov. 30, 2021
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	NA	NA
Pre_Amplifier EMCI	EMC001340	980142	May 24, 2021	May 23, 2022
LOOP ANTENNA Electro-Metrics	EM-6879	264	Mar. 5, 2021	Mar. 4, 2022
RF Coaxial Cable JYEBO	5D-FB	LOOPCAB-001	Jan. 7, 2021	Jan. 6, 2022
RF Coaxial Cable JYEBO	5D-FB	LOOPCAB-002	Jan. 7, 2021	Jan. 6, 2022
Pre_Amplifier EMCI	EMC330N	980701	Mar. 10, 2021	Mar. 9, 2022
Trilog Broadband Antenna Schwarzbeck	VULB 9168	9168-406	Nov. 6, 2020	Nov. 5, 2021
RF Coaxial Cable COMMATE/PEWC	8D	966-4-1	Mar. 17, 2021	Mar. 16, 2022
RF Coaxial Cable COMMATE/PEWC	8D	966-4-2	Mar. 17, 2021	Mar. 16, 2022
RF Coaxial Cable COMMATE/PEWC	8D	966-4-3	Mar. 17, 2021	Mar. 16, 2022
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-03	Jan. 11, 2021	Jan. 10, 2022
Horn Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Nov. 22, 2020	Nov. 21, 2021
Pre_Amplifier EMCI	EMC 12630 SE	980638	Apr. 7, 2021	Apr. 6, 2022
RF Cable-Frequency Range : 1-26.5GHz EMCI	EMC104-SM-SM-1200	160922	Dec. 25, 2020	Dec. 24, 2021
RF Coaxial Cable EMCI	EMC104-SM-SM-2000	180502	Apr. 26, 2021	Apr. 25, 2022
RF Coaxial Cable EMCI	EMC104-SM-SM-6000	180418	Apr. 26, 2021	Apr. 25, 2022
Pre_Amplifier EMCI	EMC184045SE	980387	Jan. 11, 2021	Jan. 10, 2022
SHF-EHF Horn Schwarzbeck	BBHA 9170	BBHA9170519	Nov. 22, 2020	Nov. 21, 2021
RF Cable-Frequency range: 1-40GHz EMCI	EMC102-KM-KM-1200	160924	Jan. 11, 2021	Jan. 10, 2022
RF cable (40GHz) EMCI	EMC-KM-KM-4000	200214	Mar. 10, 2021	Mar. 9, 2022

Note: 1. The test was performed in 966 Chamber No. 4.

2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

3. Tested Date: June 01 to Aug. 07, 2021

For other test items:

Description & Manufacturer	Model no.	Serial No.	Calibrated Date	Calibrated Until
Spectrum Analyzer R&S	FSV40	101516	Mar. 8, 2021	Mar. 7, 2022
Power Meter Anritsu	ML2495A	1529002	June 21, 2021	June 20, 2022
Pulse Power Sensor Anritsu	MA2411B	1339443	May 31, 2021	May 30, 2022
Attenuator WOKEN	MDCS18N-10	MDCS18N-10-01	Apr. 13, 2021	Apr. 12, 2022
Software	ADT_RF Test Software V6.6.5.4	NA	NA	NA
DC POWER SUPPLY Topward	6603D	795558	NA	NA
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	Jan 14, 2021	Jan 13, 2022
True RMS Clamp Meter Fluke	325	31130711WS	June 2, 2021	June 1, 2022

Note: 1. The test was performed in Oven room 2.

2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

3. Tested Date: Aug. 09 to 11, 2021

4.1.3 Test Procedure

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 detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

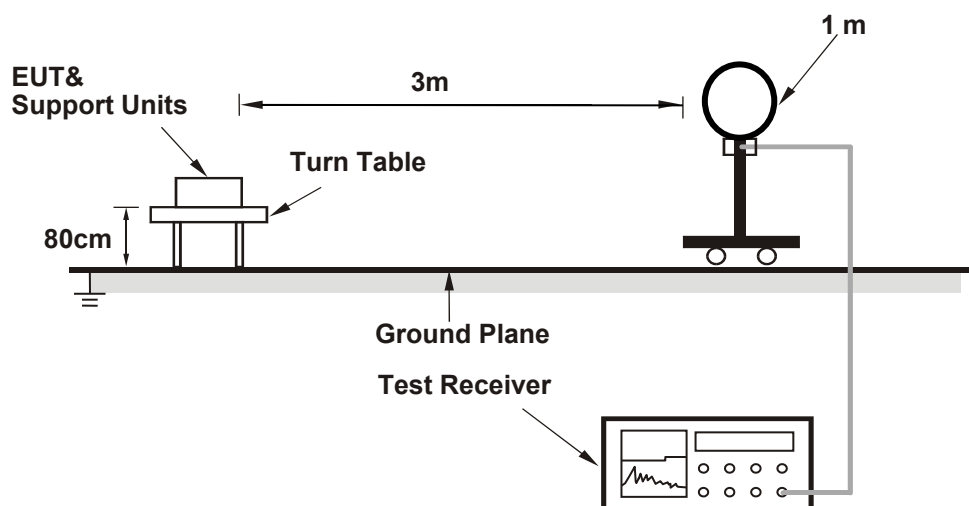
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.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

4.1.4 Deviation from Test Standard

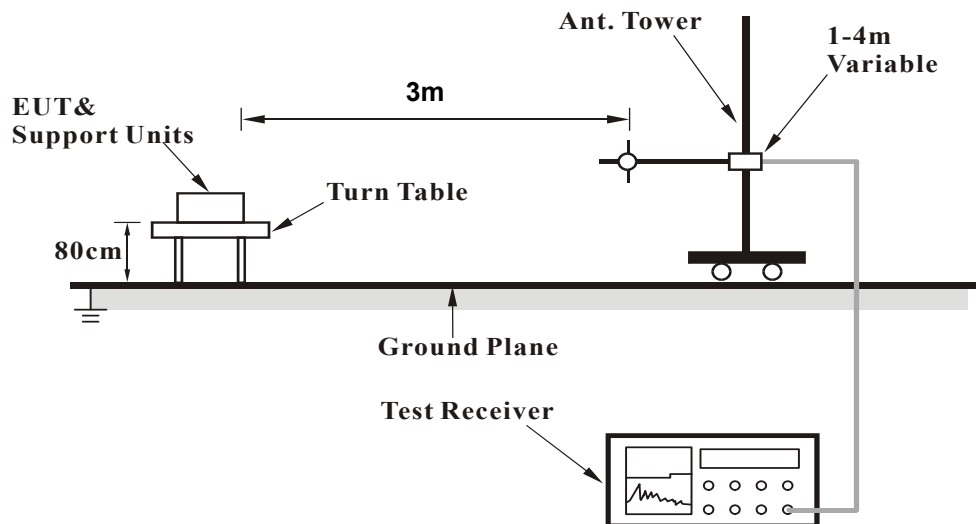
No deviation.

4.1.5 Test Setup

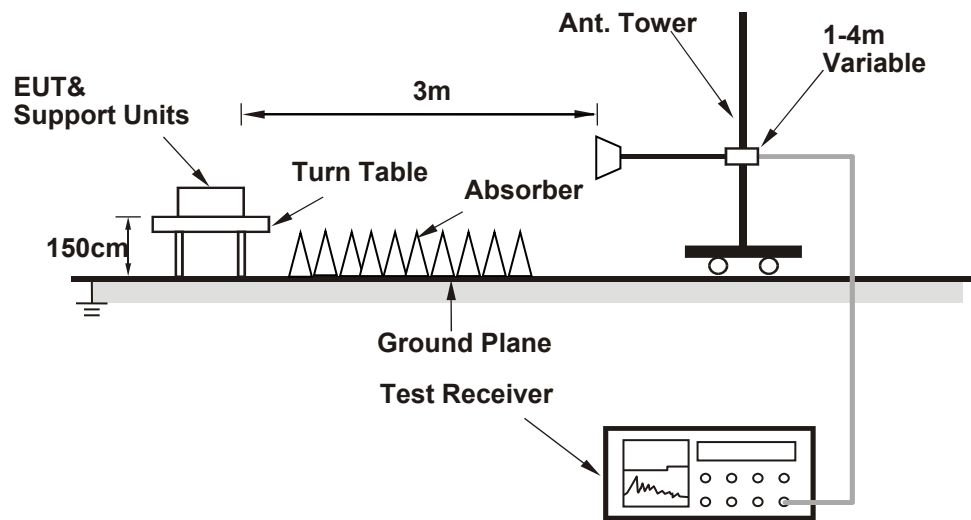
For Radiated emission below 30MHz



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 Condition

- a. Placed the EUT on the testing table.
- b. Controlling software (MT7922 QA 0.0.2.55) has been activated to 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	60.7 PK	74.0	-13.3	2.06 H	255	59.2	1.5
2	5150.00	53.7 AV	54.0	-0.3	2.06 H	255	52.2	1.5
3	*5180.00	118.0 PK			2.06 H	255	116.6	1.4
4	*5180.00	110.9 AV			2.06 H	255	109.5	1.4
5	#10360.00	61.3 PK	68.2	-6.9	2.64 H	219	50.6	10.7
6	15540.00	49.7 PK	74.0	-24.3	2.13 H	322	37.7	12.0
7	15540.00	40.1 AV	54.0	-13.9	2.13 H	322	28.1	12.0
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	56.8 PK	74.0	-17.2	2.30 V	222	55.3	1.5
2	5150.00	46.2 AV	54.0	-7.8	2.30 V	222	44.7	1.5
3	*5180.00	111.6 PK			2.30 V	222	110.2	1.4
4	*5180.00	105.6 AV			2.30 V	222	104.2	1.4
5	#10360.00	60.4 PK	68.2	-7.8	3.09 V	198	49.7	10.7
6	15540.00	47.0 PK	74.0	-27.0	1.76 V	24	35.0	12.0
7	15540.00	37.3 AV	54.0	-16.7	1.76 V	24	25.3	12.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
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	119.7 PK			2.05 H	232	118.1	1.6
2	*5200.00	112.9 AV			2.05 H	232	111.3	1.6
3	#10400.00	61.0 PK	68.2	-7.2	2.64 H	207	50.1	10.9
4	15600.00	49.9 PK	74.0	-24.1	2.13 H	315	37.9	12.0
5	15600.00	39.8 AV	54.0	-14.2	2.13 H	315	27.8	12.0
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	114.5 PK			2.00 V	54	112.9	1.6
2	*5200.00	106.6 AV			2.00 V	54	105.0	1.6
3	#10400.00	60.1 PK	68.2	-8.1	3.11 V	182	49.2	10.9
4	15600.00	46.5 PK	74.0	-27.5	1.77 V	51	34.5	12.0
5	15600.00	36.5 AV	54.0	-17.5	1.77 V	51	24.5	12.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
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	120.2 PK			2.07 H	85	119.0	1.2
2	*5240.00	113.0 AV			2.07 H	85	111.8	1.2
3	5350.00	54.7 PK	74.0	-19.3	2.07 H	85	53.4	1.3
4	5350.00	44.3 AV	54.0	-9.7	2.07 H	85	43.0	1.3
5	#10480.00	62.0 PK	68.2	-6.2	2.66 H	218	51.1	10.9
6	15720.00	49.3 PK	74.0	-24.7	2.10 H	302	37.4	11.9
7	15720.00	39.7 AV	54.0	-14.3	2.10 H	302	27.8	11.9
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	113.6 PK			2.09 V	39	112.4	1.2
2	*5240.00	107.1 AV			2.09 V	39	105.9	1.2
3	5350.00	54.8 PK	74.0	-19.2	2.09 V	39	53.5	1.3
4	5350.00	44.7 AV	54.0	-9.3	2.09 V	39	43.4	1.3
5	#10480.00	61.0 PK	68.2	-7.2	3.14 V	187	50.1	10.9
6	15720.00	47.1 PK	74.0	-26.9	1.68 V	33	35.2	11.9
7	15720.00	37.5 AV	54.0	-16.5	1.68 V	33	25.6	11.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	55.1 PK	74.0	-18.9	2.12 H	83	53.6	1.5
2	5150.00	44.9 AV	54.0	-9.1	2.12 H	83	43.4	1.5
3	*5260.00	119.4 PK			2.12 H	83	118.3	1.1
4	*5260.00	112.5 AV			2.12 H	83	111.4	1.1
5	#10520.00	61.2 PK	68.2	-7.0	2.68 H	218	50.3	10.9
6	15780.00	49.8 PK	74.0	-24.2	2.11 H	318	38.0	11.8
7	15780.00	39.7 AV	54.0	-14.3	2.11 H	318	27.9	11.8
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	54.5 PK	74.0	-19.5	2.06 V	59	53.0	1.5
2	5150.00	44.6 AV	54.0	-9.4	2.06 V	59	43.1	1.5
3	*5260.00	113.7 PK			2.06 V	59	112.6	1.1
4	*5260.00	106.2 AV			2.06 V	59	105.1	1.1
5	#10520.00	60.1 PK	68.2	-8.1	3.06 V	192	49.2	10.9
6	15780.00	47.0 PK	74.0	-27.0	1.67 V	36	35.2	11.8
7	15780.00	37.3 AV	54.0	-16.7	1.67 V	36	25.5	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	120.0 PK			2.08 H	238	118.8	1.2
2	*5300.00	112.7 AV			2.08 H	238	111.5	1.2
3	10600.00	61.3 PK	74.0	-12.7	2.69 H	202	50.3	11.0
4	10600.00	51.6 AV	54.0	-2.4	2.69 H	202	40.6	11.0
5	15900.00	49.5 PK	74.0	-24.5	2.13 H	298	37.3	12.2
6	15900.00	39.4 AV	54.0	-14.6	2.13 H	298	27.2	12.2
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	114.8 PK			2.04 V	40	113.6	1.2
2	*5300.00	107.0 AV			2.04 V	40	105.8	1.2
3	10600.00	60.9 PK	74.0	-13.1	3.11 V	207	49.9	11.0
4	10600.00	51.0 AV	54.0	-3.0	3.11 V	207	40.0	11.0
5	15900.00	47.1 PK	74.0	-26.9	1.66 V	48	34.9	12.2
6	15900.00	37.0 AV	54.0	-17.0	1.66 V	48	24.8	12.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	117.6 PK			2.04 H	250	116.4	1.2
2	*5320.00	110.7 AV			2.04 H	250	109.5	1.2
3	5350.00	62.6 PK	74.0	-11.4	2.04 H	250	61.3	1.3
4	5350.00	53.2 AV	54.0	-0.8	2.04 H	250	51.9	1.3
5	10640.00	61.4 PK	74.0	-12.6	2.64 H	215	50.3	11.1
6	10640.00	51.6 AV	54.0	-2.4	2.64 H	215	40.5	11.1
7	15960.00	49.7 PK	74.0	-24.3	2.15 H	311	37.5	12.2
8	15960.00	39.9 AV	54.0	-14.1	2.15 H	311	27.7	12.2
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	111.3 PK			2.09 V	32	110.1	1.2
2	*5320.00	104.7 AV			2.09 V	32	103.5	1.2
3	5350.00	53.7 PK	74.0	-20.3	2.09 V	32	52.4	1.3
4	5350.00	42.9 AV	54.0	-11.1	2.09 V	32	41.6	1.3
5	10640.00	60.4 PK	74.0	-13.6	3.09 V	194	49.3	11.1
6	10640.00	50.5 AV	54.0	-3.5	3.09 V	194	39.4	11.1
7	15960.00	46.8 PK	74.0	-27.2	1.72 V	36	34.6	12.2
8	15960.00	37.0 AV	54.0	-17.0	1.72 V	36	24.8	12.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	65.8 PK	74.0	-8.2	2.02 H	253	64.3	1.5
2	5460.00	52.9 AV	54.0	-1.1	2.02 H	253	51.4	1.5
3	#5465.87	67.4 PK	68.2	-0.8	2.02 H	253	65.9	1.5
4	*5500.00	117.4 PK			2.02 H	253	115.9	1.5
5	*5500.00	109.6 AV			2.02 H	253	108.1	1.5
6	11000.00	61.4 PK	74.0	-12.6	2.63 H	225	49.6	11.8
7	11000.00	51.6 AV	54.0	-2.4	2.63 H	225	39.8	11.8
8	#16500.00	49.4 PK	68.2	-18.8	2.17 H	306	35.3	14.1
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	54.4 PK	74.0	-19.6	2.11 V	56	52.9	1.5
2	5460.00	44.3 AV	54.0	-9.7	2.11 V	56	42.8	1.5
3	#5463.66	58.4 PK	68.2	-9.8	2.11 V	56	56.9	1.5
4	*5500.00	114.4 PK			2.11 V	56	112.9	1.5
5	*5500.00	105.9 AV			2.11 V	56	104.4	1.5
6	11000.00	60.1 PK	74.0	-13.9	3.07 V	203	48.3	11.8
7	11000.00	50.2 AV	54.0	-3.8	3.07 V	203	38.4	11.8
8	#16500.00	46.9 PK	68.2	-21.3	1.70 V	45	32.8	14.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
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	119.8 PK			2.08 H	239	118.1	1.7
2	*5580.00	112.6 AV			2.08 H	239	110.9	1.7
3	11160.00	61.4 PK	74.0	-12.6	2.61 H	211	49.5	11.9
4	11160.00	51.6 AV	54.0	-2.4	2.61 H	211	39.7	11.9
5	#16740.00	49.8 PK	68.2	-18.4	2.12 H	320	34.0	15.8
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	114.1 PK			2.03 V	44	112.4	1.7
2	*5580.00	106.6 AV			2.03 V	44	104.9	1.7
3	11160.00	60.9 PK	74.0	-13.1	3.07 V	196	49.0	11.9
4	11160.00	50.9 AV	54.0	-3.1	3.07 V	196	39.0	11.9
5	#16740.00	46.4 PK	68.2	-21.8	1.74 V	30	30.6	15.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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 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	117.3 PK			2.07 H	243	115.4	1.9
2	*5700.00	109.2 AV			2.07 H	243	107.3	1.9
3	#5725.00	67.5 PK	68.2	-0.7	2.07 H	243	65.5	2.0
4	11400.00	61.6 PK	74.0	-12.4	2.68 H	216	49.0	12.6
5	11400.00	52.0 AV	54.0	-2.0	2.68 H	216	39.4	12.6
6	#17100.00	50.0 PK	68.2	-18.2	2.16 H	304	33.6	16.4
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	114.1 PK			2.05 V	33	112.2	1.9
2	*5700.00	105.8 AV			2.05 V	33	103.9	1.9
3	#5725.00	54.2 PK	68.2	-14.0	2.05 V	33	52.2	2.0
4	11400.00	60.2 PK	74.0	-13.8	3.09 V	180	47.6	12.6
5	11400.00	50.4 AV	54.0	-3.6	3.09 V	180	37.8	12.6
6	#17100.00	46.6 PK	68.2	-21.6	1.73 V	44	30.2	16.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	5460.00	54.5 PK	74.0	-19.5	1.97 H	81	53.0	1.5
2	5460.00	44.1 AV	54.0	-9.9	1.97 H	81	42.6	1.5
3	#5470.00	54.7 PK	68.2	-13.5	1.97 H	81	53.2	1.5
4	*5720.00	120.4 PK			1.97 H	81	118.4	2.0
5	*5720.00	113.2 AV			1.97 H	81	111.2	2.0
6	#5850.00	54.6 PK	68.2	-13.6	1.97 H	81	52.3	2.3
7	11440.00	61.7 PK	74.0	-12.3	2.65 H	222	49.1	12.6
8	11440.00	51.7 AV	54.0	-2.3	2.65 H	222	39.1	12.6
9	#17160.00	49.8 PK	68.2	-18.4	2.09 H	318	33.2	16.6
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	54.5 PK	74.0	-19.5	2.00 V	35	53.0	1.5
2	5460.00	44.3 AV	54.0	-9.7	2.00 V	35	42.8	1.5
3	#5470.00	54.3 PK	68.2	-13.9	2.00 V	35	52.8	1.5
4	*5720.00	114.5 PK			2.00 V	35	112.5	2.0
5	*5720.00	107.0 AV			2.00 V	35	105.0	2.0
6	#5850.00	54.3 PK	68.2	-13.9	2.00 V	35	52.0	2.3
7	11440.00	60.8 PK	74.0	-13.2	3.04 V	170	48.2	12.6
8	11440.00	50.8 AV	54.0	-3.2	3.04 V	170	38.2	12.6
9	#17160.00	47.1 PK	68.2	-21.1	1.77 V	42	30.5	16.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
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	#5649.18	54.5 PK	68.2	-13.7	2.02 H	87	52.7	1.8
2	*5745.00	120.1 PK			2.02 H	87	118.0	2.1
3	*5745.00	113.0 AV			2.02 H	87	110.9	2.1
4	#5944.71	53.8 PK	68.2	-14.4	2.02 H	87	51.5	2.3
5	11490.00	58.2 PK	74.0	-15.8	3.75 H	82	45.6	12.6
6	11490.00	47.9 AV	54.0	-6.1	3.75 H	82	35.3	12.6
7	#17235.00	49.1 PK	68.2	-19.1	2.19 H	338	32.3	16.8
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	#5648.67	51.2 PK	68.2	-17.0	2.05 V	44	49.4	1.8
2	*5745.00	114.3 PK			2.05 V	44	112.2	2.1
3	*5745.00	106.6 AV			2.05 V	44	104.5	2.1
4	#5986.28	49.9 PK	68.2	-18.3	2.05 V	44	47.6	2.3
5	11490.00	60.3 PK	74.0	-13.7	3.06 V	184	47.7	12.6
6	11490.00	50.2 AV	54.0	-3.8	3.06 V	184	37.6	12.6
7	#17235.00	46.5 PK	68.2	-21.7	1.71 V	33	29.7	16.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	#5598.05	53.2 PK	68.2	-15.0	2.05 H	84	51.5	1.7
2	*5785.00	119.6 PK			2.05 H	84	117.4	2.2
3	*5785.00	112.7 AV			2.05 H	84	110.5	2.2
4	#5929.85	53.2 PK	68.2	-15.0	2.05 H	84	51.0	2.2
5	11570.00	61.6 PK	74.0	-12.4	2.63 H	202	49.2	12.4
6	11570.00	51.7 AV	54.0	-2.3	2.63 H	202	39.3	12.4
7	#17355.00	49.2 PK	68.2	-19.0	2.16 H	324	31.7	17.5
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	#5647.52	49.8 PK	68.2	-18.4	2.06 V	42	48.0	1.8
2	*5785.00	114.5 PK			2.06 V	42	112.3	2.2
3	*5785.00	106.9 AV			2.06 V	42	104.7	2.2
4	#5954.57	49.9 PK	68.2	-18.3	2.06 V	42	47.6	2.3
5	11570.00	60.7 PK	74.0	-13.3	3.08 V	185	48.3	12.4
6	11570.00	51.0 AV	54.0	-3.0	3.08 V	185	38.6	12.4
7	#17355.00	46.9 PK	68.2	-21.3	1.69 V	22	29.4	17.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	#5651.15	52.0 PK	69.1	-17.1	2.02 H	85	50.2	1.8
2	*5825.00	120.5 PK			2.02 H	85	118.3	2.2
3	*5825.00	112.6 AV			2.02 H	85	110.4	2.2
4	#5928.05	55.1 PK	68.2	-13.1	2.02 H	85	52.9	2.2
5	11650.00	61.8 PK	74.0	-12.2	2.63 H	213	49.5	12.3
6	11650.00	51.8 AV	54.0	-2.2	2.63 H	213	39.5	12.3
7	#17475.00	50.2 PK	68.2	-18.0	2.14 H	321	31.8	18.4
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	#5649.81	49.4 PK	68.2	-18.8	2.08 V	41	47.6	1.8
2	*5825.00	114.1 PK			2.08 V	41	111.9	2.2
3	*5825.00	106.4 AV			2.08 V	41	104.2	2.2
4	#5945.41	51.2 PK	68.2	-17.0	2.08 V	41	48.9	2.3
5	11650.00	60.0 PK	74.0	-14.0	3.09 V	195	47.7	12.3
6	11650.00	50.3 AV	54.0	-3.7	3.09 V	195	38.0	12.3
7	#17475.00	46.6 PK	68.2	-21.6	1.76 V	41	28.2	18.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	66.1 PK	74.0	-7.9	2.06 H	85	64.6	1.5
2	5150.00	53.9 AV	54.0	-0.1	2.06 H	85	52.4	1.5
3	*5180.00	118.7 PK			2.06 H	85	117.3	1.4
4	*5180.00	109.9 AV			2.06 H	85	108.5	1.4
5	#10360.00	61.7 PK	68.2	-6.5	2.67 H	205	51.0	10.7
6	15540.00	50.1 PK	74.0	-23.9	2.14 H	307	38.1	12.0
7	15540.00	40.4 AV	54.0	-13.6	2.14 H	307	28.4	12.0
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	53.1 PK	74.0	-20.9	2.04 V	34	51.6	1.5
2	5150.00	43.9 AV	54.0	-10.1	2.04 V	34	42.4	1.5
3	*5180.00	113.9 PK			2.04 V	34	112.5	1.4
4	*5180.00	104.0 AV			2.04 V	34	102.6	1.4
5	#10360.00	59.7 PK	68.2	-8.5	3.08 V	206	49.0	10.7
6	15540.00	46.9 PK	74.0	-27.1	1.76 V	31	34.9	12.0
7	15540.00	36.9 AV	54.0	-17.1	1.76 V	31	24.9	12.0

Remarks:

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

RF Mode	TX 802.11ax (HE20)	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	5150.00	64.3 PK	74.0	-9.7	2.10 H	82	62.8	1.5
2	5150.00	53.5 AV	54.0	-0.5	2.10 H	82	52.0	1.5
3	*5200.00	121.0 PK			2.10 H	82	119.4	1.6
4	*5200.00	112.1 AV			2.10 H	82	110.5	1.6
5	#10400.00	61.4 PK	68.2	-6.8	2.68 H	211	50.5	10.9
6	15600.00	50.2 PK	74.0	-23.8	2.19 H	324	38.2	12.0
7	15600.00	40.3 AV	54.0	-13.7	2.19 H	324	28.3	12.0
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	53.7 PK	74.0	-20.3	2.10 V	36	52.2	1.5
2	5150.00	44.6 AV	54.0	-9.4	2.10 V	36	43.1	1.5
3	*5200.00	114.3 PK			2.10 V	36	112.7	1.6
4	*5200.00	104.1 AV			2.10 V	36	102.5	1.6
5	#10400.00	60.5 PK	68.2	-7.7	3.05 V	184	49.6	10.9
6	15600.00	47.0 PK	74.0	-27.0	1.76 V	33	35.0	12.0
7	15600.00	37.5 AV	54.0	-16.5	1.76 V	33	25.5	12.0

Remarks:

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

RF Mode	TX 802.11ax (HE20)	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	120.0 PK			2.10 H	83	118.8	1.2
2	*5240.00	109.9 AV			2.10 H	83	108.7	1.2
3	5350.00	55.8 PK	74.0	-18.2	2.10 H	83	54.5	1.3
4	5350.00	44.9 AV	54.0	-9.1	2.10 H	83	43.6	1.3
5	#10480.00	61.5 PK	68.2	-6.7	2.58 H	199	50.6	10.9
6	15720.00	49.4 PK	74.0	-24.6	2.13 H	319	37.5	11.9
7	15720.00	39.6 AV	54.0	-14.4	2.13 H	319	27.7	11.9
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	114.1 PK			2.01 V	32	112.9	1.2
2	*5240.00	104.1 AV			2.01 V	32	102.9	1.2
3	5350.00	53.1 PK	74.0	-20.9	2.01 V	32	51.8	1.3
4	5350.00	44.0 AV	54.0	-10.0	2.01 V	32	42.7	1.3
5	#10480.00	59.8 PK	68.2	-8.4	3.10 V	194	48.9	10.9
6	15720.00	46.9 PK	74.0	-27.1	1.74 V	34	35.0	11.9
7	15720.00	37.0 AV	54.0	-17.0	1.74 V	34	25.1	11.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	52.6 PK	74.0	-21.4	2.08 H	82	51.1	1.5
2	5150.00	43.1 AV	54.0	-10.9	2.08 H	82	41.6	1.5
3	*5260.00	119.7 PK			2.08 H	82	118.6	1.1
4	*5260.00	109.9 AV			2.08 H	82	108.8	1.1
5	#10520.00	60.8 PK	68.2	-7.4	2.64 H	223	49.9	10.9
6	15780.00	49.2 PK	74.0	-24.8	2.21 H	306	37.4	11.8
7	15780.00	39.5 AV	54.0	-14.5	2.21 H	306	27.7	11.8
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	53.1 PK	74.0	-20.9	2.08 V	46	51.6	1.5
2	5150.00	44.1 AV	54.0	-9.9	2.08 V	46	42.6	1.5
3	*5260.00	114.4 PK			2.08 V	46	113.3	1.1
4	*5260.00	104.3 AV			2.08 V	46	103.2	1.1
5	#10520.00	60.3 PK	68.2	-7.9	3.04 V	179	49.4	10.9
6	15780.00	47.3 PK	74.0	-26.7	1.71 V	26	35.5	11.8
7	15780.00	37.5 AV	54.0	-16.5	1.71 V	26	25.7	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	120.2 PK			2.01 H	67	119.0	1.2
2	*5300.00	110.1 AV			2.01 H	67	108.9	1.2
3	10600.00	61.7 PK	74.0	-12.3	2.62 H	229	50.7	11.0
4	10600.00	52.1 AV	54.0	-1.9	2.62 H	229	41.1	11.0
5	15900.00	49.5 PK	74.0	-24.5	2.16 H	320	37.3	12.2
6	15900.00	39.8 AV	54.0	-14.2	2.16 H	320	27.6	12.2
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	114.4 PK			2.07 V	46	113.2	1.2
2	*5300.00	104.5 AV			2.07 V	46	103.3	1.2
3	10600.00	60.3 PK	74.0	-13.7	3.09 V	209	49.3	11.0
4	10600.00	50.1 AV	54.0	-3.9	3.09 V	209	39.1	11.0
5	15900.00	47.0 PK	74.0	-27.0	1.70 V	21	34.8	12.2
6	15900.00	37.4 AV	54.0	-16.6	1.70 V	21	25.2	12.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	120.7 PK			2.11 H	83	119.5	1.2
2	*5320.00	110.6 AV			2.11 H	83	109.4	1.2
3	5350.00	68.7 PK	74.0	-5.3	2.11 H	83	67.4	1.3
4	5350.00	53.8 AV	54.0	-0.2	2.11 H	83	52.5	1.3
5	10640.00	61.2 PK	74.0	-12.8	2.68 H	218	50.1	11.1
6	10640.00	51.6 AV	54.0	-2.4	2.68 H	218	40.5	11.1
7	15960.00	49.8 PK	74.0	-24.2	2.12 H	317	37.6	12.2
8	15960.00	40.1 AV	54.0	-13.9	2.12 H	317	27.9	12.2
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	115.1 PK			2.05 V	34	113.9	1.2
2	*5320.00	105.2 AV			2.05 V	34	104.0	1.2
3	5350.00	56.4 PK	74.0	-17.6	2.05 V	34	55.1	1.3
4	5350.00	46.5 AV	54.0	-7.5	2.05 V	34	45.2	1.3
5	10640.00	60.1 PK	74.0	-13.9	3.03 V	184	49.0	11.1
6	10640.00	50.5 AV	54.0	-3.5	3.03 V	184	39.4	11.1
7	15960.00	46.7 PK	74.0	-27.3	1.74 V	33	34.5	12.2
8	15960.00	36.6 AV	54.0	-17.4	1.74 V	33	24.4	12.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	5458.40	59.1 PK	74.0	-14.9	2.11 H	80	57.6	1.5
2	5458.40	48.7 AV	54.0	-5.3	2.11 H	80	47.2	1.5
3	#5470.00	68.1 PK	68.2	-0.1	2.11 H	80	66.6	1.5
4	*5500.00	119.2 PK			2.11 H	80	117.7	1.5
5	*5500.00	109.9 AV			2.11 H	80	108.4	1.5
6	11000.00	60.8 PK	74.0	-13.2	2.66 H	221	49.0	11.8
7	11000.00	51.4 AV	54.0	-2.6	2.66 H	221	39.6	11.8
8	#16500.00	49.9 PK	68.2	-18.3	2.13 H	326	35.8	14.1
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	53.5 PK	74.0	-20.5	2.07 V	32	52.0	1.5
2	5460.00	43.2 AV	54.0	-10.8	2.07 V	32	41.7	1.5
3	#5469.12	55.1 PK	68.2	-13.1	2.07 V	32	53.6	1.5
4	*5500.00	115.0 PK			2.07 V	32	113.5	1.5
5	*5500.00	105.5 AV			2.07 V	32	104.0	1.5
6	11000.00	59.6 PK	74.0	-14.4	3.09 V	193	47.8	11.8
7	11000.00	50.0 AV	54.0	-4.0	3.09 V	193	38.2	11.8
8	#16500.00	46.8 PK	68.2	-21.4	1.73 V	32	32.7	14.1

Remarks:

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

RF Mode	TX 802.11ax (HE20)	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	120.0 PK			2.00 H	85	118.3	1.7
2	*5580.00	110.1 AV			2.00 H	85	108.4	1.7
3	11160.00	61.8 PK	74.0	-12.2	2.66 H	216	49.9	11.9
4	11160.00	52.0 AV	54.0	-2.0	2.66 H	216	40.1	11.9
5	#16740.00	49.5 PK	68.2	-18.7	2.18 H	297	33.7	15.8
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	113.7 PK			2.02 V	46	112.0	1.7
2	*5580.00	103.6 AV			2.02 V	46	101.9	1.7
3	11160.00	60.5 PK	74.0	-13.5	3.13 V	197	48.6	11.9
4	11160.00	50.7 AV	54.0	-3.3	3.13 V	197	38.8	11.9
5	#16740.00	46.6 PK	68.2	-21.6	1.71 V	47	30.8	15.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	117.2 PK			2.04 H	82	115.3	1.9
2	*5700.00	107.0 AV			2.04 H	82	105.1	1.9
3	#5725.00	67.4 PK	68.2	-0.8	2.04 H	82	65.4	2.0
4	11400.00	61.5 PK	74.0	-12.5	2.61 H	213	48.9	12.6
5	11400.00	51.7 AV	54.0	-2.3	2.61 H	213	39.1	12.6
6	#17100.00	49.9 PK	68.2	-18.3	2.18 H	297	33.5	16.4
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	110.4 PK			2.04 V	32	108.5	1.9
2	*5700.00	100.2 AV			2.04 V	32	98.3	1.9
3	#5725.00	53.5 PK	68.2	-14.7	2.04 V	32	51.5	2.0
4	11400.00	60.4 PK	74.0	-13.6	3.14 V	185	47.8	12.6
5	11400.00	50.4 AV	54.0	-3.6	3.14 V	185	37.8	12.6
6	#17100.00	46.4 PK	68.2	-21.8	1.74 V	39	30.0	16.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	5460.00	53.6 PK	74.0	-20.4	2.03 H	86	52.1	1.5
2	5460.00	44.3 AV	54.0	-9.7	2.03 H	86	42.8	1.5
3	#5470.00	52.8 PK	68.2	-15.4	2.03 H	86	51.3	1.5
4	*5720.00	120.1 PK			2.03 H	86	118.1	2.0
5	*5720.00	110.6 AV			2.03 H	86	108.6	2.0
6	#5850.00	53.4 PK	68.2	-14.8	2.03 H	86	51.1	2.3
7	11440.00	61.4 PK	74.0	-12.6	2.65 H	221	48.8	12.6
8	11440.00	51.9 AV	54.0	-2.1	2.65 H	221	39.3	12.6
9	#17160.00	48.9 PK	68.2	-19.3	2.20 H	314	32.3	16.6
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	53.4 PK	74.0	-20.6	2.02 V	34	51.9	1.5
2	5460.00	44.3 AV	54.0	-9.7	2.02 V	34	42.8	1.5
3	#5470.00	53.0 PK	68.2	-15.2	2.02 V	34	51.5	1.5
4	*5720.00	113.7 PK			2.02 V	34	111.7	2.0
5	*5720.00	103.6 AV			2.02 V	34	101.6	2.0
6	#5850.00	52.9 PK	68.2	-15.3	2.02 V	34	50.6	2.3
7	11440.00	60.2 PK	74.0	-13.8	3.16 V	180	47.6	12.6
8	11440.00	50.3 AV	54.0	-3.7	3.16 V	180	37.7	12.6
9	#17160.00	46.2 PK	68.2	-22.0	1.77 V	48	29.6	16.6

Remarks:

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

RF Mode	TX 802.11ax (HE20)	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	#5631.72	54.0 PK	68.2	-14.2	2.03 H	89	52.2	1.8
2	*5745.00	119.7 PK			2.03 H	89	117.6	2.1
3	*5745.00	110.0 AV			2.03 H	89	107.9	2.1
4	#5934.25	52.7 PK	68.2	-15.5	2.03 H	89	50.5	2.2
5	11490.00	61.1 PK	74.0	-12.9	2.62 H	216	48.5	12.6
6	11490.00	51.2 AV	54.0	-2.8	2.62 H	216	38.6	12.6
7	#17235.00	50.0 PK	68.2	-18.2	2.18 H	310	33.2	16.8
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	#5645.74	50.1 PK	68.2	-18.1	2.04 V	35	48.3	1.8
2	*5745.00	114.1 PK			2.04 V	35	112.0	2.1
3	*5745.00	104.0 AV			2.04 V	35	101.9	2.1
4	#5945.66	49.8 PK	68.2	-18.4	2.04 V	35	47.5	2.3
5	11490.00	60.2 PK	74.0	-13.8	3.07 V	208	47.6	12.6
6	11490.00	50.5 AV	54.0	-3.5	3.07 V	208	37.9	12.6
7	#17235.00	46.7 PK	68.2	-21.5	1.72 V	41	29.9	16.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	#5638.69	53.6 PK	68.2	-14.6	2.05 H	87	51.8	1.8
2	*5785.00	120.4 PK			2.05 H	87	118.2	2.2
3	*5785.00	110.3 AV			2.05 H	87	108.1	2.2
4	#5950.76	52.8 PK	68.2	-15.4	2.05 H	87	50.5	2.3
5	11570.00	61.8 PK	74.0	-12.2	2.58 H	211	49.4	12.4
6	11570.00	52.0 AV	54.0	-2.0	2.58 H	211	39.6	12.4
7	#17355.00	49.5 PK	68.2	-18.7	2.17 H	305	32.0	17.5
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	#5643.39	52.0 PK	68.2	-16.2	1.99 V	48	50.2	1.8
2	*5785.00	114.2 PK			1.99 V	48	112.0	2.2
3	*5785.00	104.0 AV			1.99 V	48	101.8	2.2
4	#5962.26	50.6 PK	68.2	-17.6	1.99 V	48	48.3	2.3
5	11570.00	60.3 PK	74.0	-13.7	3.07 V	198	47.9	12.4
6	11570.00	50.6 AV	54.0	-3.4	3.07 V	198	38.2	12.4
7	#17355.00	46.6 PK	68.2	-21.6	1.68 V	37	29.1	17.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	#5634.67	52.0 PK	68.2	-16.2	2.06 H	83	50.2	1.8
2	*5825.00	120.0 PK			2.06 H	83	117.8	2.2
3	*5825.00	110.2 AV			2.06 H	83	108.0	2.2
4	#5935.05	54.6 PK	68.2	-13.6	2.06 H	83	52.4	2.2
5	11650.00	61.1 PK	74.0	-12.9	2.65 H	215	48.8	12.3
6	11650.00	51.4 AV	54.0	-2.6	2.65 H	215	39.1	12.3
7	#17475.00	49.8 PK	68.2	-18.4	2.11 H	315	31.4	18.4
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	#5617.59	50.5 PK	68.2	-17.7	2.02 V	57	48.7	1.8
2	*5825.00	113.8 PK			2.02 V	57	111.6	2.2
3	*5825.00	103.5 AV			2.02 V	57	101.3	2.2
4	#5935.66	51.6 PK	68.2	-16.6	2.02 V	57	49.4	2.2
5	11650.00	61.0 PK	74.0	-13.0	3.13 V	194	48.7	12.3
6	11650.00	50.9 AV	54.0	-3.1	3.13 V	194	38.6	12.3
7	#17475.00	47.2 PK	68.2	-21.0	1.71 V	22	28.8	18.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	62.9 PK	74.0	-11.1	2.02 H	257	61.4	1.5
2	5150.00	53.5 AV	54.0	-0.5	2.02 H	257	52.0	1.5
3	*5190.00	114.4 PK			2.02 H	257	113.0	1.4
4	*5190.00	104.9 AV			2.02 H	257	103.5	1.4
5	#10380.00	61.3 PK	68.2	-6.9	2.61 H	227	50.5	10.8
6	15570.00	49.6 PK	74.0	-24.4	2.16 H	312	37.5	12.1
7	15570.00	39.6 AV	54.0	-14.4	2.16 H	312	27.5	12.1
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	57.1 PK	74.0	-16.9	2.03 V	53	55.6	1.5
2	5150.00	48.3 AV	54.0	-5.7	2.03 V	53	46.8	1.5
3	*5190.00	109.5 PK			2.03 V	53	108.1	1.4
4	*5190.00	100.2 AV			2.03 V	53	98.8	1.4
5	#10380.00	60.8 PK	68.2	-7.4	3.09 V	205	50.0	10.8
6	15570.00	46.9 PK	74.0	-27.1	1.72 V	23	34.8	12.1
7	15570.00	37.3 AV	54.0	-16.7	1.72 V	23	25.2	12.1

Remarks:

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

RF Mode	TX 802.11ax (HE40)	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	*5230.00	118.6 PK			1.93 H	82	117.3	1.3
2	*5230.00	108.0 AV			1.93 H	82	106.7	1.3
3	5350.00	57.1 PK	74.0	-16.9	1.93 H	82	55.8	1.3
4	5350.00	48.5 AV	54.0	-5.5	1.93 H	82	47.2	1.3
5	#10460.00	61.9 PK	68.2	-6.3	2.63 H	222	51.0	10.9
6	15690.00	49.7 PK	74.0	-24.3	2.09 H	298	37.8	11.9
7	15690.00	39.7 AV	54.0	-14.3	2.09 H	298	27.8	11.9
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	*5230.00	112.2 PK			2.09 V	47	110.9	1.3
2	*5230.00	101.7 AV			2.09 V	47	100.4	1.3
3	5350.00	56.9 PK	74.0	-17.1	2.09 V	47	55.6	1.3
4	5350.00	48.0 AV	54.0	-6.0	2.09 V	47	46.7	1.3
5	#10460.00	60.3 PK	68.2	-7.9	3.03 V	190	49.4	10.9
6	15690.00	47.3 PK	74.0	-26.7	1.76 V	48	35.4	11.9
7	15690.00	37.3 AV	54.0	-16.7	1.76 V	48	25.4	11.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	57.5 PK	74.0	-16.5	1.94 H	107	56.0	1.5
2	5150.00	48.6 AV	54.0	-5.4	1.94 H	107	47.1	1.5
3	*5270.00	118.7 PK			1.94 H	107	117.6	1.1
4	*5270.00	108.1 AV			1.94 H	107	107.0	1.1
5	#10540.00	61.4 PK	68.2	-6.8	2.63 H	211	50.4	11.0
6	15810.00	50.2 PK	74.0	-23.8	2.12 H	324	38.4	11.8
7	15810.00	40.1 AV	54.0	-13.9	2.12 H	324	28.3	11.8
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	57.1 PK	74.0	-16.9	2.06 V	32	55.6	1.5
2	5150.00	48.1 AV	54.0	-5.9	2.06 V	32	46.6	1.5
3	*5270.00	111.9 PK			2.06 V	32	110.8	1.1
4	*5270.00	101.4 AV			2.06 V	32	100.3	1.1
5	#10540.00	60.8 PK	68.2	-7.4	3.04 V	180	49.8	11.0
6	15810.00	46.9 PK	74.0	-27.1	1.67 V	34	35.1	11.8
7	15810.00	37.1 AV	54.0	-16.9	1.67 V	34	25.3	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	113.3 PK			2.09 H	260	112.1	1.2
2	*5310.00	103.2 AV			2.09 H	260	102.0	1.2
3	5350.00	60.4 PK	74.0	-13.6	2.09 H	260	59.1	1.3
4	5350.00	53.6 AV	54.0	-0.4	2.09 H	260	52.3	1.3
5	10620.00	61.2 PK	74.0	-12.8	2.59 H	215	50.1	11.1
6	10620.00	51.5 AV	54.0	-2.5	2.59 H	215	40.4	11.1
7	15930.00	50.2 PK	74.0	-23.8	2.20 H	320	38.1	12.1
8	15930.00	40.4 AV	54.0	-13.6	2.20 H	320	28.3	12.1
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	107.8 PK			1.99 V	35	106.6	1.2
2	*5310.00	98.2 AV			1.99 V	35	97.0	1.2
3	5350.73	53.9 PK	74.0	-20.1	1.99 V	35	52.6	1.3
4	5350.73	45.5 AV	54.0	-8.5	1.99 V	35	44.2	1.3
5	10620.00	60.5 PK	74.0	-13.5	3.03 V	190	49.4	11.1
6	10620.00	50.5 AV	54.0	-3.5	3.03 V	190	39.4	11.1
7	15930.00	47.2 PK	74.0	-26.8	1.66 V	24	35.1	12.1
8	15930.00	37.2 AV	54.0	-16.8	1.66 V	24	25.1	12.1

Remarks:

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

RF Mode	TX 802.11ax (HE40)	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	63.8 PK	74.0	-10.2	2.08 H	255	62.3	1.5
2	5460.00	50.4 AV	54.0	-3.6	2.08 H	255	48.9	1.5
3	#5470.00	67.6 PK	68.2	-0.6	2.08 H	255	66.1	1.5
4	*5510.00	114.6 PK			2.08 H	255	113.1	1.5
5	*5510.00	104.6 AV			2.08 H	255	103.1	1.5
6	11020.00	60.9 PK	74.0	-13.1	2.63 H	227	49.1	11.8
7	11020.00	51.1 AV	54.0	-2.9	2.63 H	227	39.3	11.8
8	#16530.00	50.1 PK	68.2	-18.1	2.17 H	316	35.8	14.3
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	54.4 PK	74.0	-19.6	2.00 V	37	52.9	1.5
2	5460.00	46.6 AV	54.0	-7.4	2.00 V	37	45.1	1.5
3	#5470.00	55.9 PK	68.2	-12.3	2.00 V	37	54.4	1.5
4	*5510.00	109.8 PK			2.00 V	37	108.3	1.5
5	*5510.00	100.3 AV			2.00 V	37	98.8	1.5
6	11020.00	60.2 PK	74.0	-13.8	3.07 V	187	48.4	11.8
7	11020.00	50.3 AV	54.0	-3.7	3.07 V	187	38.5	11.8
8	#16530.00	47.3 PK	68.2	-20.9	1.72 V	27	33.0	14.3

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)	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	*5550.00	119.5 PK			1.98 H	77	118.0	1.5
2	*5550.00	108.8 AV			1.98 H	77	107.3	1.5
3	11100.00	61.5 PK	74.0	-12.5	2.62 H	202	49.6	11.9
4	11100.00	52.0 AV	54.0	-2.0	2.62 H	202	40.1	11.9
5	#16650.00	49.2 PK	68.2	-19.0	2.09 H	310	33.9	15.3
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	*5550.00	112.3 PK			1.99 V	48	110.8	1.5
2	*5550.00	101.9 AV			1.99 V	48	100.4	1.5
3	11100.00	61.0 PK	74.0	-13.0	3.05 V	209	49.1	11.9
4	11100.00	50.9 AV	54.0	-3.1	3.05 V	209	39.0	11.9
5	#16650.00	46.7 PK	68.2	-21.5	1.77 V	32	31.4	15.3

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)	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	119.3 PK			2.07 H	83	117.4	1.9
2	*5670.00	108.6 AV			2.07 H	83	106.7	1.9
3	#5725.00	67.7 PK	68.2	-0.5	2.07 H	83	65.7	2.0
4	11340.00	61.8 PK	74.0	-12.2	2.65 H	205	49.4	12.4
5	11340.00	52.0 AV	54.0	-2.0	2.65 H	205	39.6	12.4
6	#17010.00	49.5 PK	68.2	-18.7	2.19 H	311	32.9	16.6
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	111.9 PK			2.05 V	31	110.0	1.9
2	*5670.00	101.6 AV			2.05 V	31	99.7	1.9
3	#5725.00	57.5 PK	68.2	-10.7	2.05 V	31	55.5	2.0
4	11340.00	60.5 PK	74.0	-13.5	3.04 V	196	48.1	12.4
5	11340.00	50.5 AV	54.0	-3.5	3.04 V	196	38.1	12.4
6	#17010.00	47.1 PK	68.2	-21.1	1.76 V	22	30.5	16.6

Remarks:

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

RF Mode	TX 802.11ax (HE40)	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	5460.00	56.9 PK	74.0	-17.1	1.91 H	84	55.4	1.5
2	5460.00	48.3 AV	54.0	-5.7	1.91 H	84	46.8	1.5
3	#5470.00	57.0 PK	68.2	-11.2	1.91 H	84	55.5	1.5
4	*5710.00	118.9 PK			1.91 H	84	116.9	2.0
5	*5710.00	108.2 AV			1.91 H	84	106.2	2.0
6	#5850.00	56.7 PK	68.2	-11.5	1.91 H	84	54.4	2.3
7	11420.00	61.3 PK	74.0	-12.7	2.61 H	216	48.7	12.6
8	11420.00	51.5 AV	54.0	-2.5	2.61 H	216	38.9	12.6
9	#17130.00	49.3 PK	68.2	-18.9	2.19 H	316	32.8	16.5

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	56.7 PK	74.0	-17.3	2.02 V	57	55.2	1.5
2	5460.00	47.9 AV	54.0	-6.1	2.02 V	57	46.4	1.5
3	#5470.00	57.2 PK	68.2	-11.0	2.02 V	57	55.7	1.5
4	*5710.00	111.7 PK			2.02 V	57	109.7	2.0
5	*5710.00	101.3 AV			2.02 V	57	99.3	2.0
6	#5850.00	56.9 PK	68.2	-11.3	2.02 V	57	54.6	2.3
7	11420.00	61.0 PK	74.0	-13.0	3.13 V	204	48.4	12.6
8	11420.00	51.0 AV	54.0	-3.0	3.13 V	204	38.4	12.6
9	#17130.00	47.0 PK	68.2	-21.2	1.68 V	32	30.5	16.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	#5645.26	59.7 PK	68.2	-8.5	1.96 H	92	57.9	1.8
2	*5755.00	119.0 PK			1.96 H	92	116.9	2.1
3	*5755.00	108.5 AV			1.96 H	92	106.4	2.1
4	#5932.10	52.3 PK	68.2	-15.9	1.96 H	92	50.1	2.2
5	11510.00	61.6 PK	74.0	-12.4	2.66 H	217	49.0	12.6
6	11510.00	51.7 AV	54.0	-2.3	2.66 H	217	39.1	12.6
7	#17265.00	49.6 PK	68.2	-18.6	2.20 H	316	32.8	16.8
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	#5636.45	51.4 PK	68.2	-16.8	2.07 V	33	49.6	1.8
2	*5755.00	112.1 PK			2.07 V	33	110.0	2.1
3	*5755.00	101.8 AV			2.07 V	33	99.7	2.1
4	#5962.20	50.4 PK	68.2	-17.8	2.07 V	33	48.1	2.3
5	11510.00	60.2 PK	74.0	-13.8	3.11 V	193	47.6	12.6
6	11510.00	50.6 AV	54.0	-3.4	3.11 V	193	38.0	12.6
7	#17265.00	47.0 PK	68.2	-21.2	1.75 V	43	30.2	16.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	#5647.83	53.2 PK	68.2	-15.0	1.99 H	85	51.4	1.8
2	*5795.00	118.1 PK			1.99 H	85	115.9	2.2
3	*5795.00	108.3 AV			1.99 H	85	106.1	2.2
4	#5925.46	53.7 PK	68.2	-14.5	1.99 H	85	51.5	2.2
5	11590.00	61.3 PK	74.0	-12.7	2.67 H	208	48.9	12.4
6	11590.00	51.4 AV	54.0	-2.6	2.67 H	208	39.0	12.4
7	#17385.00	49.5 PK	68.2	-18.7	2.14 H	301	31.6	17.9
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	#5646.79	51.8 PK	68.2	-16.4	1.99 V	54	50.0	1.8
2	*5795.00	111.7 PK			1.99 V	54	109.5	2.2
3	*5795.00	101.3 AV			1.99 V	54	99.1	2.2
4	#5933.78	51.1 PK	68.2	-17.1	1.99 V	54	48.9	2.2
5	11590.00	60.5 PK	74.0	-13.5	3.07 V	188	48.1	12.4
6	11590.00	50.7 AV	54.0	-3.3	3.07 V	188	38.3	12.4
7	#17385.00	47.0 PK	68.2	-21.2	1.71 V	33	29.1	17.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	63.8 PK	74.0	-10.2	2.09 H	256	62.3	1.5
2	5150.00	53.2 AV	54.0	-0.8	2.09 H	256	51.7	1.5
3	*5210.00	106.8 PK			2.09 H	256	105.4	1.4
4	*5210.00	98.1 AV			2.09 H	256	96.7	1.4
5	5379.29	49.9 PK	74.0	-24.1	2.09 H	256	48.6	1.3
6	5379.29	40.1 AV	54.0	-13.9	2.09 H	256	38.8	1.3
7	#10420.00	61.5 PK	68.2	-6.7	2.68 H	211	50.6	10.9
8	15630.00	49.6 PK	74.0	-24.4	2.10 H	326	37.6	12.0
9	15630.00	40.1 AV	54.0	-13.9	2.10 H	326	28.1	12.0

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	55.9 PK	74.0	-18.1	2.05 V	46	54.4	1.5
2	5150.00	49.3 AV	54.0	-4.7	2.05 V	46	47.8	1.5
3	*5210.00	102.4 PK			2.05 V	46	101.0	1.4
4	*5210.00	93.1 AV			2.05 V	46	91.7	1.4
5	5392.15	50.4 PK	74.0	-23.6	2.05 V	46	49.1	1.3
6	5392.15	40.0 AV	54.0	-14.0	2.05 V	46	38.7	1.3
7	#10420.00	60.5 PK	68.2	-7.7	3.11 V	189	49.6	10.9
8	15630.00	47.3 PK	74.0	-26.7	1.77 V	41	35.3	12.0
9	15630.00	37.4 AV	54.0	-16.6	1.77 V	41	25.4	12.0

Remarks:

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

RF Mode	TX 802.11ax (HE80)	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	5136.65	51.7 PK	74.0	-22.3	2.09 H	84	50.2	1.5
2	5136.65	40.8 AV	54.0	-13.2	2.09 H	84	39.3	1.5
3	*5290.00	108.7 PK			2.09 H	84	107.6	1.1
4	*5290.00	99.3 AV			2.09 H	84	98.2	1.1
5	5350.00	64.4 PK	74.0	-9.6	2.09 H	84	63.1	1.3
6	5350.00	53.7 AV	54.0	-0.3	2.09 H	84	52.4	1.3
7	#10580.00	61.4 PK	68.2	-6.8	2.59 H	202	50.4	11.0
8	15870.00	50.1 PK	74.0	-23.9	2.12 H	319	37.9	12.2
9	15870.00	40.1 AV	54.0	-13.9	2.12 H	319	27.9	12.2

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	47.6 PK	74.0	-26.4	2.04 V	41	46.1	1.5
2	5150.00	39.5 AV	54.0	-14.5	2.04 V	41	38.0	1.5
3	*5290.00	103.1 PK			2.04 V	41	102.0	1.1
4	*5290.00	93.6 AV			2.04 V	41	92.5	1.1
5	5350.00	56.4 PK	74.0	-17.6	2.04 V	41	55.1	1.3
6	5350.00	48.1 AV	54.0	-5.9	2.04 V	41	46.8	1.3
7	#10580.00	60.7 PK	68.2	-7.5	3.14 V	207	49.7	11.0
8	15870.00	46.5 PK	74.0	-27.5	1.76 V	46	34.3	12.2
9	15870.00	36.7 AV	54.0	-17.3	1.76 V	46	24.5	12.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	5457.82	62.9 PK	74.0	-11.1	2.07 H	254	61.4	1.5
2	5457.82	53.9 AV	54.0	-0.1	2.07 H	254	52.4	1.5
3	#5470.00	64.7 PK	68.2	-3.5	2.07 H	254	63.2	1.5
4	*5530.00	109.4 PK			2.07 H	254	107.9	1.5
5	*5530.00	99.5 AV			2.07 H	254	98.0	1.5
6	#5733.96	51.3 PK	68.2	-16.9	2.07 H	254	49.2	2.1
7	11060.00	60.9 PK	74.0	-13.1	2.60 H	214	49.0	11.9
8	11060.00	51.4 AV	54.0	-2.6	2.60 H	214	39.5	11.9
9	#16590.00	50.4 PK	68.2	-17.8	2.13 H	315	35.5	14.9

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	5457.66	60.2 PK	74.0	-13.8	2.05 V	29	58.7	1.5
2	5457.66	51.6 AV	54.0	-2.4	2.05 V	29	50.1	1.5
3	#5470.00	61.9 PK	68.2	-6.3	2.05 V	29	60.4	1.5
4	*5530.00	105.7 PK			2.05 V	29	104.2	1.5
5	*5530.00	96.0 AV			2.05 V	29	94.5	1.5
6	#5749.37	49.5 PK	68.2	-18.7	2.05 V	29	47.4	2.1
7	11060.00	60.5 PK	74.0	-13.5	3.04 V	196	48.6	11.9
8	11060.00	50.3 AV	54.0	-3.7	3.04 V	196	38.4	11.9
9	#16590.00	46.3 PK	68.2	-21.9	1.75 V	30	31.4	14.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	113.5 PK			2.06 H	360	111.8	1.7
2	*5610.00	104.2 AV			2.06 H	360	102.5	1.7
3	#5725.00	67.8 PK	68.2	-0.4	2.06 H	360	65.8	2.0
4	11220.00	61.0 PK	74.0	-13.0	2.62 H	227	49.0	12.0
5	11220.00	51.4 AV	54.0	-2.6	2.62 H	227	39.4	12.0
6	#16830.00	50.0 PK	68.2	-18.2	2.11 H	319	33.8	16.2
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	107.8 PK			2.06 V	56	106.1	1.7
2	*5610.00	97.4 AV			2.06 V	56	95.7	1.7
3	#5725.00	60.0 PK	68.2	-8.2	2.06 V	56	58.0	2.0
4	11220.00	60.4 PK	74.0	-13.6	3.10 V	188	48.4	12.0
5	11220.00	50.2 AV	54.0	-3.8	3.10 V	188	38.2	12.0
6	#16830.00	46.5 PK	68.2	-21.7	1.69 V	36	30.3	16.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	5460.00	60.5 PK	74.0	-13.5	2.07 H	98	59.0	1.5
2	5460.00	50.1 AV	54.0	-3.9	2.07 H	98	48.6	1.5
3	#5470.00	60.2 PK	68.2	-8.0	2.07 H	98	58.7	1.5
4	*5690.00	114.9 PK			2.07 H	98	113.0	1.9
5	*5690.00	104.9 AV			2.07 H	98	103.0	1.9
6	#5850.00	60.8 PK	68.2	-7.4	2.07 H	98	58.5	2.3
7	11380.00	61.6 PK	74.0	-12.4	2.65 H	219	49.1	12.5
8	11380.00	52.0 AV	54.0	-2.0	2.65 H	219	39.5	12.5
9	#17070.00	49.1 PK	68.2	-19.1	2.21 H	299	32.7	16.4
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	60.9 PK	74.0	-13.1	2.01 V	45	59.4	1.5
2	5460.00	50.5 AV	54.0	-3.5	2.01 V	45	49.0	1.5
3	#5470.00	60.5 PK	68.2	-7.7	2.01 V	45	59.0	1.5
4	*5690.00	108.8 PK			2.01 V	45	106.9	1.9
5	*5690.00	98.3 AV			2.01 V	45	96.4	1.9
6	#5850.00	60.6 PK	68.2	-7.6	2.01 V	45	58.3	2.3
7	11380.00	60.2 PK	74.0	-13.8	3.03 V	196	47.7	12.5
8	11380.00	50.5 AV	54.0	-3.5	3.03 V	196	38.0	12.5
9	#17070.00	46.6 PK	68.2	-21.6	1.70 V	48	30.2	16.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	#5647.99	67.3 PK	68.2	-0.9	2.08 H	87	65.5	1.8
2	*5775.00	113.8 PK			2.08 H	87	111.6	2.2
3	*5775.00	103.8 AV			2.08 H	87	101.6	2.2
4	#5926.28	62.9 PK	68.2	-5.3	2.08 H	87	60.7	2.2
5	11550.00	60.7 PK	74.0	-13.3	2.63 H	225	48.3	12.4
6	11550.00	51.2 AV	54.0	-2.8	2.63 H	225	38.8	12.4
7	#17325.00	49.2 PK	68.2	-19.0	2.12 H	299	32.0	17.2
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	#5638.05	62.0 PK	68.2	-6.2	2.05 V	42	60.2	1.8
2	*5775.00	108.1 PK			2.05 V	42	105.9	2.2
3	*5775.00	97.7 AV			2.05 V	42	95.5	2.2
4	#5932.73	53.4 PK	68.2	-14.8	2.05 V	42	51.2	2.2
5	11550.00	60.4 PK	74.0	-13.6	3.14 V	206	48.0	12.4
6	11550.00	50.3 AV	54.0	-3.7	3.14 V	206	37.9	12.4
7	#17325.00	46.4 PK	68.2	-21.8	1.76 V	22	29.2	17.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	5136.28	61.8 PK	74.0	-12.2	2.12 H	258	60.3	1.5
2	5136.28	53.9 AV	54.0	-0.1	2.12 H	258	52.4	1.5
3	*5250.00	104.7 PK			2.12 H	258	103.6	1.1
4	*5250.00	96.1 AV			2.12 H	258	95.0	1.1
5	5371.26	60.1 PK	74.0	-13.9	2.12 H	258	58.8	1.3
6	5371.26	52.3 AV	54.0	-1.7	2.12 H	258	51.0	1.3
7	#10500.00	61.2 PK	68.2	-7.0	2.64 H	208	50.3	10.9
8	15750.00	49.7 PK	74.0	-24.3	2.11 H	310	37.8	11.9
9	15750.00	39.7 AV	54.0	-14.3	2.11 H	310	27.8	11.9

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	5133.70	60.8 PK	74.0	-13.2	2.03 V	40	59.3	1.5
2	5133.70	52.0 AV	54.0	-2.0	2.03 V	40	50.5	1.5
3	*5250.00	100.5 PK			2.03 V	40	99.4	1.1
4	*5250.00	90.5 AV			2.03 V	40	89.4	1.1
5	5374.10	58.1 PK	74.0	-15.9	2.03 V	40	56.8	1.3
6	5374.10	49.8 AV	54.0	-4.2	2.03 V	40	48.5	1.3
7	#10500.00	60.8 PK	68.2	-7.4	3.08 V	181	49.9	10.9
8	15750.00	46.6 PK	74.0	-27.4	1.76 V	33	34.7	11.9
9	15750.00	36.8 AV	54.0	-17.2	1.76 V	33	24.9	11.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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)	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	5452.70	64.0 PK	74.0	-10.0	2.09 H	254	62.5	1.5
2	5452.70	53.4 AV	54.0	-0.6	2.09 H	254	51.9	1.5
3	#5467.79	63.9 PK	68.2	-4.3	2.09 H	254	62.4	1.5
4	*5570.00	105.0 PK			2.09 H	254	103.3	1.7
5	*5570.00	94.8 AV			2.09 H	254	93.1	1.7
6	#5727.43	55.0 PK	68.2	-13.2	2.09 H	254	53.0	2.0
7	11140.00	61.3 PK	74.0	-12.7	2.67 H	204	49.3	12.0
8	11140.00	51.3 AV	54.0	-2.7	2.67 H	204	39.3	12.0
9	#16710.00	50.1 PK	68.2	-18.1	2.16 H	317	34.4	15.7
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	5450.01	59.8 PK	74.0	-14.2	2.09 V	43	58.3	1.5
2	5450.01	51.2 AV	54.0	-2.8	2.09 V	43	49.7	1.5
3	#5464.71	61.6 PK	68.2	-6.6	2.09 V	43	60.1	1.5
4	*5570.00	100.2 PK			2.09 V	43	98.5	1.7
5	*5570.00	90.1 AV			2.09 V	43	88.4	1.7
6	#5725.50	53.7 PK	68.2	-14.5	2.09 V	43	51.7	2.0
7	11140.00	60.5 PK	74.0	-13.5	3.08 V	188	48.5	12.0
8	11140.00	50.5 AV	54.0	-3.5	3.08 V	188	38.5	12.0
9	#16710.00	47.5 PK	68.2	-20.7	1.75 V	29	31.8	15.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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 20MHz Preamble 802.11ax (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	5133.50	50.5 PK	74.0	-23.5	3.21 H	76	49.0	1.5
2	5133.50	40.6 AV	54.0	-13.4	3.21 H	76	39.1	1.5
3	*5180.00	117.0 PK			3.21 H	76	115.6	1.4
4	*5180.00	109.2 AV			3.21 H	76	107.8	1.4
5	#10360.00	55.6 PK	68.2	-12.6	1.66 H	47	44.9	10.7
6	15540.00	50.7 PK	74.0	-23.3	1.60 H	84	38.7	12.0
7	15540.00	40.4 AV	54.0	-13.6	1.60 H	84	28.4	12.0
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	5144.00	48.4 PK	74.0	-25.6	2.13 V	21	46.9	1.5
2	5144.00	39.7 AV	54.0	-14.3	2.13 V	21	38.2	1.5
3	*5180.00	113.6 PK			2.13 V	21	112.2	1.4
4	*5180.00	104.5 AV			2.13 V	21	103.1	1.4
5	#10360.00	55.8 PK	68.2	-12.4	1.55 V	34	45.1	10.7
6	15540.00	52.1 PK	74.0	-21.9	1.45 V	21	40.1	12.0
7	15540.00	41.0 AV	54.0	-13.0	1.45 V	21	29.0	12.0

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (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	118.2 PK			2.09 H	86	117.0	1.2
2	*5320.00	110.9 AV			2.09 H	86	109.7	1.2
3	5352.60	52.6 PK	74.0	-21.4	2.09 H	86	51.3	1.3
4	5352.60	41.2 AV	54.0	-12.8	2.09 H	86	39.9	1.3
5	10640.00	54.9 PK	74.0	-19.1	1.59 H	61	43.8	11.1
6	10640.00	47.3 AV	54.0	-6.7	1.59 H	61	36.2	11.1
7	15960.00	50.3 PK	74.0	-23.7	1.61 H	79	38.1	12.2
8	15960.00	40.1 AV	54.0	-13.9	1.61 H	79	27.9	12.2
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	113.4 PK			1.94 V	23	112.2	1.2
2	*5320.00	105.2 AV			1.94 V	23	104.0	1.2
3	5428.70	49.2 PK	74.0	-24.8	1.94 V	23	47.8	1.4
4	5428.70	39.8 AV	54.0	-14.2	1.94 V	23	38.4	1.4
5	10640.00	55.7 PK	74.0	-18.3	1.54 V	20	44.6	11.1
6	10640.00	48.5 AV	54.0	-5.5	1.54 V	20	37.4	11.1
7	15960.00	51.7 PK	74.0	-22.3	1.46 V	22	39.5	12.2
8	15960.00	40.5 AV	54.0	-13.5	1.46 V	22	28.3	12.2

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (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	5439.20	52.5 PK	74.0	-21.5	2.10 H	94	51.1	1.4
2	5439.20	41.3 AV	54.0	-12.7	2.10 H	94	39.9	1.4
3	5460.00	49.6 PK	74.0	-24.4	2.10 H	94	48.1	1.5
4	5460.00	42.1 AV	54.0	-11.9	2.10 H	94	40.6	1.5
5	#5469.20	52.1 PK	68.2	-16.1	2.10 H	94	50.6	1.5
6	*5500.00	118.9 PK			2.10 H	94	117.4	1.5
7	*5500.00	111.6 AV			2.10 H	94	110.1	1.5
8	11000.00	55.2 PK	74.0	-18.8	1.59 H	39	43.4	11.8
9	11000.00	47.4 AV	54.0	-6.6	1.59 H	39	35.6	11.8
10	#16500.00	50.9 PK	68.2	-17.3	1.61 H	65	36.8	14.1
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	5415.70	49.5 PK	74.0	-24.5	2.00 V	24	48.2	1.3
2	5415.70	39.8 AV	54.0	-14.2	2.00 V	24	38.5	1.3
3	#5461.90	50.1 PK	68.2	-18.1	2.00 V	24	48.6	1.5
4	*5500.00	115.4 PK			2.00 V	24	113.9	1.5
5	*5500.00	106.5 AV			2.00 V	24	105.0	1.5
6	11000.00	55.4 PK	74.0	-18.6	1.49 V	15	43.6	11.8
7	11000.00	48.1 AV	54.0	-5.9	1.49 V	15	36.3	11.8
8	#16500.00	51.7 PK	68.2	-16.5	1.46 V	26	37.6	14.1

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (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	119.9 PK			2.06 H	90	118.0	1.9
2	*5700.00	110.1 AV			2.06 H	90	108.2	1.9
3	#5725.00	57.7 PK	68.2	-10.5	2.06 H	90	55.7	2.0
4	11400.00	55.4 PK	74.0	-18.6	1.64 H	32	42.8	12.6
5	11400.00	47.6 AV	54.0	-6.4	1.64 H	32	35.0	12.6
6	#17100.00	51.0 PK	68.2	-17.2	1.60 H	87	34.6	16.4
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	115.3 PK			1.96 V	22	113.4	1.9
2	*5700.00	106.2 AV			1.96 V	22	104.3	1.9
3	#5725.00	50.5 PK	68.2	-17.7	1.96 V	22	48.5	2.0
4	11400.00	55.9 PK	74.0	-18.1	1.47 V	5	43.3	12.6
5	11400.00	48.3 AV	54.0	-5.7	1.47 V	5	35.7	12.6
6	#17100.00	51.7 PK	68.2	-16.5	1.43 V	23	35.3	16.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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 20MHz Preamble 802.11ax (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	#5602.02	53.0 PK	68.2	-15.2	1.95 H	86	51.3	1.7
2	*5745.00	125.7 PK			1.95 H	86	123.6	2.1
3	*5745.00	118.2 AV			1.95 H	86	116.1	2.1
4	#5970.55	52.7 PK	68.2	-15.5	1.95 H	86	50.4	2.3
5	11490.00	55.7 PK	74.0	-18.3	1.64 H	47	43.1	12.6
6	11490.00	47.7 AV	54.0	-6.3	1.64 H	47	35.1	12.6
7	#17235.00	50.7 PK	68.2	-17.5	1.56 H	63	33.9	16.8
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	#5644.75	49.5 PK	68.2	-18.7	2.04 V	40	47.7	1.8
2	*5745.00	119.7 PK			2.04 V	40	117.6	2.1
3	*5745.00	111.2 AV			2.04 V	40	109.1	2.1
4	#6018.48	49.4 PK	68.2	-18.8	2.04 V	40	47.1	2.3
5	11490.00	56.1 PK	74.0	-17.9	1.57 V	14	43.5	12.6
6	11490.00	48.9 AV	54.0	-5.1	1.57 V	14	36.3	12.6
7	#17235.00	51.6 PK	68.2	-16.6	1.39 V	9	34.8	16.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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 20MHz Preamble 802.11ax (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	#5635.20	51.4 PK	68.2	-16.8	1.99 H	98	49.6	1.8
2	*5825.00	125.8 PK			1.99 H	98	123.6	2.2
3	*5825.00	118.0 AV			1.99 H	98	115.8	2.2
4	#5928.88	54.6 PK	68.2	-13.6	1.99 H	98	52.4	2.2
5	11650.00	55.2 PK	74.0	-18.8	1.57 H	49	42.9	12.3
6	11650.00	47.6 AV	54.0	-6.4	1.57 H	49	35.3	12.3
7	#17475.00	50.5 PK	68.2	-17.7	1.62 H	65	32.1	18.4
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	#5601.28	49.2 PK	68.2	-19.0	1.84 V	43	47.5	1.7
2	*5825.00	119.6 PK			1.84 V	43	117.4	2.2
3	*5825.00	111.3 AV			1.84 V	43	109.1	2.2
4	#5956.36	50.6 PK	68.2	-17.6	1.84 V	43	48.3	2.3
5	11650.00	55.4 PK	74.0	-18.6	1.53 V	12	43.1	12.3
6	11650.00	48.0 AV	54.0	-6.0	1.53 V	12	35.7	12.3
7	#17475.00	51.2 PK	68.2	-17.0	1.44 V	6	32.8	18.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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 20MHz Preamble 802.11ax (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	119.4 PK			2.09 H	103	118.2	1.2
2	*5240.00	109.7 AV			2.09 H	103	108.5	1.2
3	5350.00	52.7 PK	74.0	-21.3	2.09 H	103	51.4	1.3
4	5350.00	43.5 AV	54.0	-10.5	2.09 H	103	42.2	1.3
5	#10480.00	55.2 PK	68.2	-13.0	1.60 H	47	44.3	10.9
6	15720.00	50.4 PK	74.0	-23.6	1.57 H	75	38.5	11.9
7	15720.00	40.5 AV	54.0	-13.5	1.57 H	75	28.6	11.9
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	113.2 PK			1.92 V	29	112.0	1.2
2	*5240.00	104.4 AV			1.92 V	29	103.2	1.2
3	5350.00	50.9 PK	74.0	-23.1	1.92 V	29	49.6	1.3
4	5350.00	40.4 AV	54.0	-13.6	1.92 V	29	39.1	1.3
5	#10480.00	55.6 PK	68.2	-12.6	1.50 V	22	44.7	10.9
6	15720.00	51.9 PK	74.0	-22.1	1.50 V	8	40.0	11.9
7	15720.00	40.7 AV	54.0	-13.3	1.50 V	8	28.8	11.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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 20MHz Preamble 802.11ax (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	#5642.87	52.8 PK	68.2	-15.4	1.98 H	91	51.0	1.8
2	*5825.00	125.0 PK			1.98 H	91	122.8	2.2
3	*5825.00	116.6 AV			1.98 H	91	114.4	2.2
4	#5940.88	55.6 PK	68.2	-12.6	1.98 H	91	53.3	2.3
5	11650.00	55.8 PK	74.0	-18.2	1.62 H	49	43.5	12.3
6	11650.00	47.9 AV	54.0	-6.1	1.62 H	49	35.6	12.3
7	#17475.00	50.5 PK	68.2	-17.7	1.55 H	77	32.1	18.4
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	#5640.20	50.7 PK	68.2	-17.5	1.89 V	42	48.9	1.8
2	*5825.00	119.1 PK			1.89 V	42	116.9	2.2
3	*5825.00	110.2 AV			1.89 V	42	108.0	2.2
4	#5944.17	51.5 PK	68.2	-16.7	1.89 V	42	49.2	2.3
5	11650.00	56.3 PK	74.0	-17.7	1.56 V	28	44.0	12.3
6	11650.00	48.6 AV	54.0	-5.4	1.56 V	28	36.3	12.3
7	#17475.00	52.3 PK	68.2	-15.9	1.49 V	32	33.9	18.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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 20MHz Preamble 802.11ax (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	5144.70	62.7 PK	74.0	-11.3	2.07 H	95	61.2	1.5
2	5144.70	49.8 AV	54.0	-4.2	2.07 H	95	48.3	1.5
3	5148.60	60.2 PK	74.0	-13.8	2.07 H	95	58.7	1.5
4	5148.60	53.9 AV	54.0	-0.1	2.07 H	95	52.4	1.5
5	*5180.00	117.2 PK			2.07 H	95	115.8	1.4
6	*5180.00	107.6 AV			2.07 H	95	106.2	1.4
7	#10360.00	55.6 PK	68.2	-12.6	1.62 H	58	44.9	10.7
8	15540.00	50.5 PK	74.0	-23.5	1.53 H	74	38.5	12.0
9	15540.00	40.3 AV	54.0	-13.7	1.53 H	74	28.3	12.0
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	53.5 PK	74.0	-20.5	1.81 V	39	52.0	1.5
2	5150.00	44.9 AV	54.0	-9.1	1.81 V	39	43.4	1.5
3	*5180.00	112.6 PK			1.81 V	39	111.2	1.4
4	*5180.00	102.5 AV			1.81 V	39	101.1	1.4
5	#10360.00	55.7 PK	68.2	-12.5	1.50 V	18	45.0	10.7
6	15540.00	51.9 PK	74.0	-22.1	1.50 V	27	39.9	12.0
7	15540.00	40.9 AV	54.0	-13.1	1.50 V	27	28.9	12.0

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (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	119.3 PK			1.87 H	97	118.1	1.2
2	*5320.00	109.0 AV			1.87 H	97	107.8	1.2
3	5353.45	73.5 PK	74.0	-0.5	1.87 H	97	72.2	1.3
4	5353.45	53.5 AV	54.0	-0.5	1.87 H	97	52.2	1.3
5	10640.00	55.3 PK	74.0	-18.7	1.60 H	46	44.2	11.1
6	10640.00	47.6 AV	54.0	-6.4	1.60 H	46	36.5	11.1
7	15960.00	50.7 PK	74.0	-23.3	1.57 H	75	38.5	12.2
8	15960.00	40.6 AV	54.0	-13.4	1.57 H	75	28.4	12.2
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	113.6 PK			1.85 V	40	112.4	1.2
2	*5320.00	103.9 AV			1.85 V	40	102.7	1.2
3	5350.00	62.3 PK	74.0	-11.7	1.85 V	40	61.0	1.3
4	5350.00	45.1 AV	54.0	-8.9	1.85 V	40	43.8	1.3
5	10640.00	56.0 PK	74.0	-18.0	1.52 V	19	44.9	11.1
6	10640.00	48.5 AV	54.0	-5.5	1.52 V	19	37.4	11.1
7	15960.00	51.8 PK	74.0	-22.2	1.45 V	26	39.6	12.2
8	15960.00	40.7 AV	54.0	-13.3	1.45 V	26	28.5	12.2

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (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	5457.00	57.8 PK	74.0	-16.2	1.93 H	95	56.3	1.5
2	5457.00	46.0 AV	54.0	-8.0	1.93 H	95	44.5	1.5
3	#5466.00	67.8 PK	68.2	-0.4	1.93 H	95	66.3	1.5
4	*5500.00	120.2 PK			1.93 H	95	118.7	1.5
5	*5500.00	110.8 AV			1.93 H	95	109.3	1.5
6	11000.00	55.1 PK	74.0	-18.9	1.62 H	61	43.3	11.8
7	11000.00	47.3 AV	54.0	-6.7	1.62 H	61	35.5	11.8
8	#16500.00	51.4 PK	68.2	-16.8	1.55 H	75	37.3	14.1
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	5426.60	62.0 PK	74.0	-12.0	1.88 V	44	60.6	1.4
2	5426.60	41.1 AV	54.0	-12.9	1.88 V	44	39.7	1.4
3	#5466.00	62.6 PK	68.2	-5.6	1.88 V	44	61.1	1.5
4	*5500.00	113.0 PK			1.88 V	44	111.5	1.5
5	*5500.00	103.6 AV			1.88 V	44	102.1	1.5
6	11000.00	55.1 PK	74.0	-18.9	1.55 V	28	43.3	11.8
7	11000.00	47.6 AV	54.0	-6.4	1.55 V	28	35.8	11.8
8	#16500.00	51.8 PK	68.2	-16.4	1.50 V	27	37.7	14.1

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (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	119.0 PK			2.01 H	92	117.1	1.9
2	*5700.00	109.8 AV			2.01 H	92	107.9	1.9
3	#5725.00	67.9 PK	68.2	-0.3	2.01 H	92	65.9	2.0
4	11400.00	55.1 PK	74.0	-18.9	1.57 H	66	42.5	12.6
5	11400.00	47.1 AV	54.0	-6.9	1.57 H	66	34.5	12.6
6	#17100.00	50.8 PK	68.2	-17.4	1.52 H	75	34.4	16.4
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	113.0 PK			1.85 V	51	111.1	1.9
2	*5700.00	103.5 AV			1.85 V	51	101.6	1.9
3	#5725.00	62.4 PK	68.2	-5.8	1.85 V	51	60.4	2.0
4	11400.00	56.1 PK	74.0	-17.9	1.46 V	15	43.5	12.6
5	11400.00	48.5 AV	54.0	-5.5	1.46 V	15	35.9	12.6
6	#17100.00	51.3 PK	68.2	-16.9	1.53 V	24	34.9	16.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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 20MHz Preamble 802.11ax (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	#5625.41	53.3 PK	68.2	-14.9	1.97 H	92	51.6	1.7
2	*5745.00	122.7 PK			1.97 H	92	120.6	2.1
3	*5745.00	113.8 AV			1.97 H	92	111.7	2.1
4	#5953.54	55.2 PK	68.2	-13.0	1.97 H	92	52.9	2.3
5	11490.00	55.0 PK	74.0	-19.0	1.52 H	43	42.4	12.6
6	11490.00	47.3 AV	54.0	-6.7	1.52 H	43	34.7	12.6
7	#17235.00	51.0 PK	68.2	-17.2	1.56 H	55	34.2	16.8
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	#5646.59	50.8 PK	68.2	-17.4	1.00 V	40	49.0	1.8
2	*5745.00	116.2 PK			1.00 V	40	114.1	2.1
3	*5745.00	107.1 AV			1.00 V	40	105.0	2.1
4	#5935.95	50.9 PK	68.2	-17.3	1.00 V	40	48.7	2.2
5	11490.00	55.4 PK	74.0	-18.6	1.55 V	13	42.8	12.6
6	11490.00	47.5 AV	54.0	-6.5	1.55 V	13	34.9	12.6
7	#17235.00	51.5 PK	68.2	-16.7	1.53 V	9	34.7	16.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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 20MHz Preamble 802.11ax (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	#5641.81	52.2 PK	68.2	-16.0	1.97 H	96	50.4	1.8
2	*5825.00	122.2 PK			1.97 H	96	120.0	2.2
3	*5825.00	113.4 AV			1.97 H	96	111.2	2.2
4	#5980.62	53.9 PK	68.2	-14.3	1.97 H	96	51.6	2.3
5	11650.00	55.2 PK	74.0	-18.8	1.58 H	52	42.9	12.3
6	11650.00	47.3 AV	54.0	-6.7	1.58 H	52	35.0	12.3
7	#17475.00	50.9 PK	68.2	-17.3	1.56 H	63	32.5	18.4
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	#5629.36	51.1 PK	68.2	-17.1	1.93 V	42	49.3	1.8
2	*5825.00	116.1 PK			1.93 V	42	113.9	2.2
3	*5825.00	106.7 AV			1.93 V	42	104.5	2.2
4	#5937.65	50.6 PK	68.2	-17.6	1.93 V	42	48.3	2.3
5	11650.00	55.6 PK	74.0	-18.4	1.50 V	13	43.3	12.3
6	11650.00	48.0 AV	54.0	-6.0	1.50 V	13	35.7	12.3
7	#17475.00	51.4 PK	68.2	-16.8	1.50 V	17	33.0	18.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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.

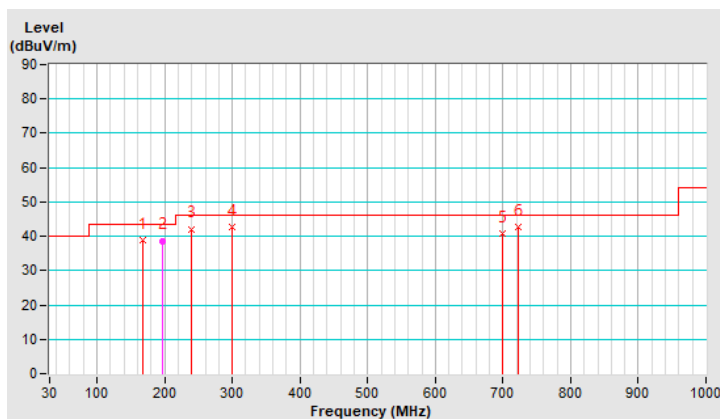
Below 1GHz Data:

RF Mode	TX 802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	9kHz ~ 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	168.01	39.0 QP	43.5	-4.5	1.50 H	192	51.4	-12.4
2	196.71	38.7 QP	43.5	-4.8	1.50 H	63	53.8	-15.1
3	238.98	42.1 QP	46.0	-3.9	2.00 H	307	55.3	-13.2
4	300.01	42.6 QP	46.0	-3.4	1.00 H	336	53.3	-10.7
5	700.13	40.9 QP	46.0	-5.1	1.50 H	272	41.3	-0.4
6	722.18	42.6 QP	46.0	-3.4	1.50 H	193	42.8	-0.2

Remarks:

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

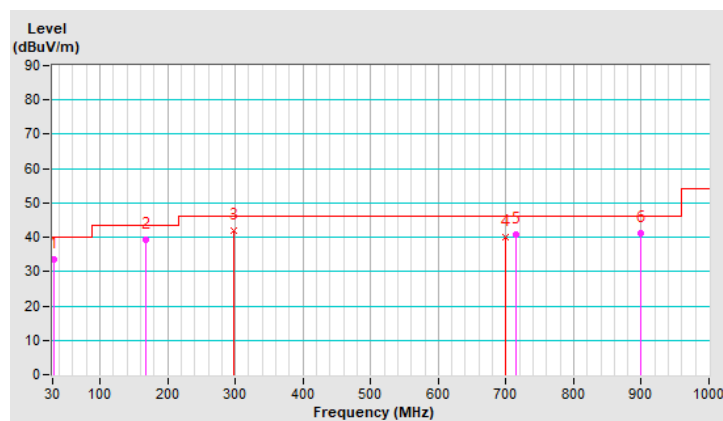


RF Mode	TX 802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

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	30.99	33.5 QP	40.0	-6.5	1.00 V	322	47.3	-13.8
2	167.63	39.4 QP	43.5	-4.1	1.50 V	279	51.7	-12.3
3	297.48	42.0 QP	46.0	-4.0	2.00 V	342	52.8	-10.8
4	699.08	39.9 QP	46.0	-6.1	1.00 V	205	40.3	-0.4
5	714.82	40.7 QP	46.0	-5.3	1.50 V	284	41.0	-0.3
6	899.78	41.1 QP	46.0	-4.9	1.50 V	228	37.6	3.5

Remarks:

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



4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies.

2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Test Receiver R&S	ESCS 30	847124/029	Oct. 20, 2020	Oct. 19, 2021
LISN R&S	ESH3-Z5	848773/004	Oct. 27, 2020	Oct. 26, 2021
LISN R & S	ESH3-Z5	835239/001	Mar. 26, 2021	Mar. 25, 2022
50 ohms Terminator	50	3	Oct. 26, 2020	Oct. 25, 2021
RF Coaxial Cable JYEBO	5D-FB	COCCAB-001	Sep. 26, 2020	Sep. 25, 2021
Fixed attenuator STI	STI02-2200-10	005	Aug. 29, 2020	Aug. 28, 2021
Software BVADT	BVADT_Conf_ V7.3.7.4	NA	NA	NA

Note: 1. The test was performed in Conduction 1.

2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

3. Tested Date: June 25, 2021

4.2.3 Test Procedure

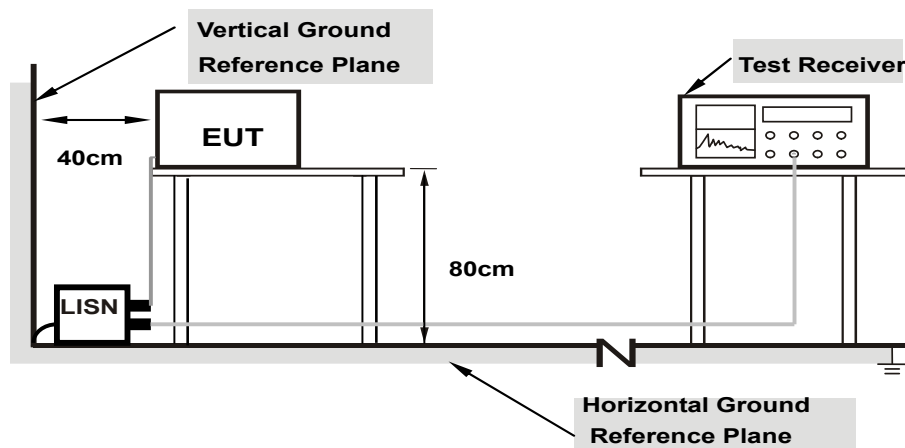
- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

Note: All modes of operation were investigated and the worst-case emissions are reported.

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



Note: 1.Support units were connected to second LISN.

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

4.2.6 EUT Operating Condition

Same as 4.1.6.

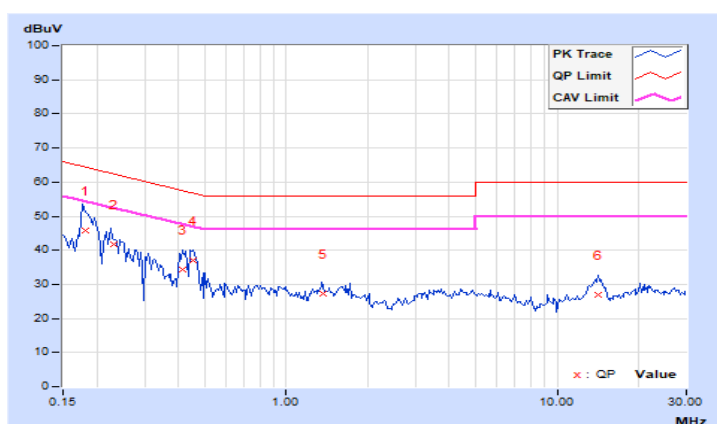
4.2.7 Test Results

RF Mode	TX 802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9kHz

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.18125	9.96	35.73	21.11	45.69	31.07	64.43	54.43	-18.74	-23.36
2	0.22971	9.97	31.94	19.55	41.91	29.52	62.46	52.46	-20.55	-22.94
3	0.41617	9.99	24.50	19.09	34.49	29.08	57.52	47.52	-23.03	-18.44
4	0.45161	9.99	27.10	18.11	37.09	28.10	56.85	46.85	-19.76	-18.75
5	1.36359	10.04	17.07	12.39	27.11	22.43	56.00	46.00	-28.89	-23.57
6	14.13963	10.78	16.20	8.77	26.98	19.55	60.00	50.00	-33.02	-30.45

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

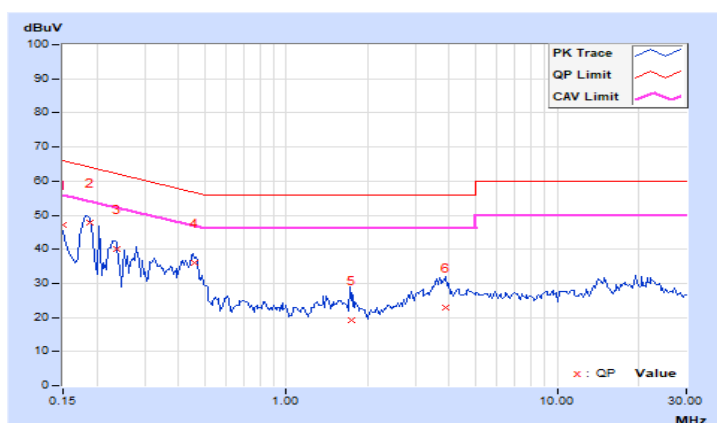


RF Mode	TX 802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9kHz

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15053	9.92	37.25	30.43	47.17	40.35	65.97	55.97	-18.80	-15.62
2	0.18762	9.94	37.85	25.93	47.79	35.87	64.14	54.14	-16.35	-18.27
3	0.23708	9.95	30.17	19.66	40.12	29.61	62.20	52.20	-22.08	-22.59
4	0.45941	9.96	26.13	20.15	36.09	30.11	56.70	46.70	-20.61	-16.59
5	1.73515	10.03	9.09	1.26	19.12	11.29	56.00	46.00	-36.88	-34.71
6	3.87487	10.11	12.71	6.53	22.82	16.64	56.00	46.00	-33.18	-29.36

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



4.3 Transmit Power Measurement

4.3.1 Limits of Transmit Power Measurement

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p $\leq$ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
		Indoor Access Point	1 Watt (30 dBm)
	✓	Client device	250mW (24 dBm)
U-NII-2A	✓		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	✓		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	✓		1 Watt (30 dBm)

*B is the 26 dB emission bandwidth in megahertz

Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,

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

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;

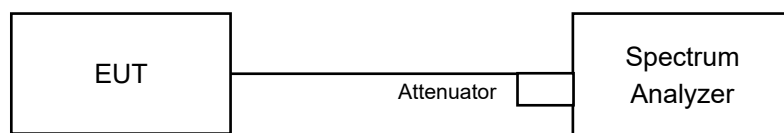
Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

For power measurements on all other devices: Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB.

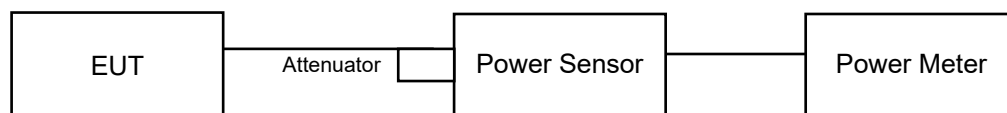
4.3.2 Test Setup

FOR POWER OUTPUT MEASUREMENT

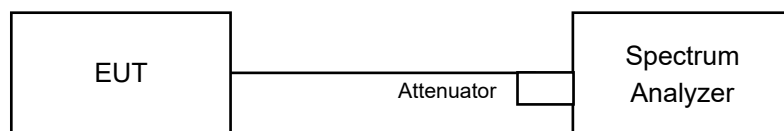
For channel straddling 5725MHz:



For other channels:



FOR 26dB OCCUPIED BANDWIDTH



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

FOR POWER OUTPUT MEASUREMENT

For channel straddling 5725MHz:

Follow FCC KDB 789033 UNII test procedure:

Method SA-2

1. Set span to encompass the emission bandwidth (EBW) of the signal.
2. Set RBW = 1MHz.
3. Set the VBW $\geq 3 \times$ RBW.
4. Number of points in sweep $\geq 2 \times$ Span / RBW.
5. Sweep time = auto.
6. Detector = RMS.
7. Trace average at least 100 traces in power averaging mode
8. Compute power by integrating the spectrum across the 26 dB EBW of the signal.
9. Duty factor need added to measured value (duty cycle < 98 percent).

For other channels:

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

FOR 26dB OCCUPIED BANDWIDTH

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Condition

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.3.7 Test Results

Power Output:

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.90	19.09	158.721	22.01	24	Pass
40	5200	18.92	19.16	160.397	22.05	24	Pass
48	5240	18.84	19.23	160.313	22.05	24	Pass
52	5260	18.88	19.13	159.115	22.02	24	Pass
60	5300	18.43	18.87	146.753	21.67	24	Pass
64	5320	18.55	19.09	152.71	21.84	24	Pass
100	5500	18.57	19.18	154.739	21.90	24	Pass
116	5580	18.84	18.96	155.264	21.91	24	Pass
140	5700	18.68	19.06	154.328	21.88	24	Pass
*144 (U-NII-2C Band)	5720	17.12	17.26	113.329	20.54	22.96	Pass
*144 (U-NII-3 Band)	5720	10.63	10.20	23.841	13.77	30	Pass
149	5745	21.01	20.72	244.215	23.88	30	Pass
157	5785	21.03	21.12	256.185	24.09	30	Pass
165	5825	20.85	20.65	237.763	23.76	30	Pass

Note: * Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

Determined Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	27.31	25.36 > 24
60	5300	38.82	26.89 > 24
64	5320	36.77	26.65 > 24
100	5500	36.79	26.65 > 24
116	5580	22.31	24.48 > 24
140	5700	29.61	25.71 > 24
144 (U-NII-2C Band)	5720	15.71	22.96 < 24

Note: For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.47	18.58	142.418	21.54	24	Pass
40	5200	19.15	19.37	168.721	22.27	24	Pass
48	5240	19.66	19.87	189.521	22.78	24	Pass
52	5260	19.33	19.55	175.861	22.45	24	Pass
60	5300	19.18	19.40	169.891	22.30	24	Pass
64	5320	18.75	18.96	153.694	21.87	24	Pass
100	5500	17.95	18.15	127.687	21.06	24	Pass
116	5580	19.19	19.41	170.282	22.31	24	Pass
140	5700	18.45	18.72	144.457	21.60	24	Pass
*144 (U-NII-2C Band)	5720	17.38	17.57	124.405	20.95	23.2	Pass
*144 (U-NII-3 Band)	5720	11.37	12.13	33.411	15.24	30	Pass
149	5745	20.24	20.18	209.913	23.22	30	Pass
157	5785	19.94	19.77	193.47	22.87	30	Pass
165	5825	19.91	19.80	193.448	22.87	30	Pass

Note: * Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

Determined Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	29.33	25.67 > 24
60	5300	39.46	26.96 > 24
64	5320	33.6	26.26 > 24
100	5500	32.76	26.15 > 24
116	5580	23.68	24.74 > 24
140	5700	27.35	25.36 > 24
144 (U-NII-2C Band)	5720	16.61	23.2 < 24

Note: For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	17.07	17.14	102.694	20.12	24	Pass
46	5230	19.61	19.87	188.462	22.75	24	Pass
54	5270	19.60	20.07	192.826	22.85	24	Pass
62	5310	15.77	15.90	76.662	18.85	24	Pass
102	5510	17.83	17.92	122.618	20.89	24	Pass
110	5550	19.71	19.58	184.323	22.66	24	Pass
134	5670	18.68	18.83	150.174	21.77	24	Pass
*142 (U-NII-2C Band)	5710	18.03	18.27	151.056	21.79	24	Pass
*142 (U-NII-3 Band)	5710	6.83	7.36	11.865	10.74	30	Pass
151	5755	19.67	19.63	184.516	22.66	30	Pass
159	5795	19.65	19.79	187.537	22.73	30	Pass

Note: * Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

Determined Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
54	5270	53.84	28.31 > 24
62	5310	49.41	27.93 > 24
102	5510	54.73	28.38 > 24
110	5550	43.25	27.35 > 24
134	5670	58.88	28.69 > 24
142 (U-NII-2C Band)	5710	35.31	26.47 > 24

Note: For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	13.21	13.26	42.125	16.25	24	Pass
58	5290	14.61	14.75	58.761	17.69	24	Pass
106	5530	15.80	16.05	78.291	18.94	24	Pass
122	5610	17.74	17.88	120.805	20.82	24	Pass
*138 (U-NII-2C Band)	5690	19.30	19.51	228.389	23.59	24	Pass
*138 (U-NII-3 Band)	5690	4.87	5.35	8.506	9.30	30	Pass
155	5775	18.65	18.78	148.792	21.73	30	Pass

Note: * Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

Determined Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
58	5290	91.44	30.61 > 24
106	5530	96.83	30.86 > 24
122	5610	83.26	30.2 > 24
138 (U-NII-2C Band)	5690	100.01	31 > 24

Note: For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11ac (VHT160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
*50 (U-NII-1 Band)	5250	9.27	10.11	29.817	14.74	24	Pass
*50 (U-NII-2A Band)	5250	11.57	10.84	42.216	16.25	24	Pass
114	5570	13.21	13.33	42.469	16.28	24	Pass

Note: * Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

Determined Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
50 (U-NII-2A Band)	5250	89.69	30.52 > 24
114	5570	174.98	33.42 > 24

Note: For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.52	18.67	144.742	21.61	24	Pass
40	5200	19.25	19.46	172.448	22.37	24	Pass
48	5240	19.74	19.96	193.272	22.86	24	Pass
52	5260	19.38	19.61	178.108	22.51	24	Pass
60	5300	19.25	19.47	172.651	22.37	24	Pass
64	5320	18.86	19.11	158.383	22.00	24	Pass
100	5500	18.05	18.21	130.048	21.14	24	Pass
116	5580	19.25	19.49	173.06	22.38	24	Pass
140	5700	18.57	18.78	147.454	21.69	24	Pass
*144 (U-NII-2C Band)	5720	17.85	17.73	133.745	21.26	23.2	Pass
*144 (U-NII-3 Band)	5720	12.03	12.03	35.501	15.50	30	Pass
149	5745	20.31	20.26	213.568	23.30	30	Pass
157	5785	20.06	19.88	198.666	22.98	30	Pass
165	5825	20.01	19.94	198.858	22.99	30	Pass

Note: * Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

Determined Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	29.33	25.67 > 24
60	5300	39.46	26.96 > 24
64	5320	33.6	26.26 > 24
100	5500	32.76	26.15 > 24
116	5580	23.68	24.74 > 24
140	5700	27.35	25.36 > 24
144 (U-NII-2C Band)	5720	16.61	23.2 < 24

Note: For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	17.18	17.26	105.45	20.23	24	Pass
46	5230	19.71	19.95	192.396	22.84	24	Pass
54	5270	19.74	20.15	197.703	22.96	24	Pass
62	5310	15.88	16.02	78.72	18.96	24	Pass
102	5510	17.94	18.02	125.617	20.99	24	Pass
110	5550	19.81	19.67	188.402	22.75	24	Pass
134	5670	18.76	18.93	153.325	21.86	24	Pass
*142 (U-NII-2C Band)	5710	18.38	18.82	167.699	22.25	24	Pass
*142 (U-NII-3 Band)	5710	7.41	7.87	13.446	11.29	30	Pass
151	5755	19.81	19.75	190.125	22.79	30	Pass
159	5795	19.78	19.87	192.111	22.84	30	Pass

Note: * Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

Determined Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
54	5270	53.84	28.31 > 24
62	5310	49.41	27.93 > 24
102	5510	54.73	28.38 > 24
110	5550	43.25	27.35 > 24
134	5670	58.88	28.69 > 24
142 (U-NII-2C Band)	5710	35.31	26.47 > 24

Note: For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	13.45	13.40	44.009	16.44	24	Pass
58	5290	14.66	14.79	59.372	17.74	24	Pass
106	5530	15.93	16.15	80.384	19.05	24	Pass
122	5610	18.31	18.19	133.682	21.26	24	Pass
*138 (U-NII-2C Band)	5690	19.92	19.45	243.885	23.87	24	Pass
*138 (U-NII-3 Band)	5690	5.65	5.29	9.235	9.65	30	Pass
155	5775	18.76	18.83	151.546	21.81	30	Pass

Note: * Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

Determined Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
58	5290	91.44	30.61 > 24
106	5530	96.83	30.86 > 24
122	5610	83.26	30.2 > 24
138 (U-NII-2C Band)	5690	100.01	31 > 24

Note: For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
*50 (U-NII-1 Band)	5250	10.77	10.74	37.927	15.79	24	Pass
*50 (U-NII-2A Band)	5250	11.42	11.44	44.304	16.46	24	Pass
114	5570	13.31	13.45	43.56	16.39	24	Pass

Note: * Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

Determined Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
50 (U-NII-2A Band)	5250	89.69	30.52 > 24
114	5570	174.98	33.42 > 24

Note: For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11ax (RU26)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	11.76	12.42	32.455	15.11	24	Pass
64	5320	11.61	11.79	29.589	14.71	24	Pass
100	5500	11.68	11.55	29.012	14.63	24	Pass
140	5700	11.38	11.81	28.911	14.61	24	Pass
149	5745	20.30	19.97	206.464	23.15	30	Pass
165	5825	19.90	19.97	197.035	22.95	30	Pass

Determined Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
64	5320	20.57	24.13 > 24
100	5500	20.4	24.09 > 24
140	5700	20.22	24.05 > 24

Note: For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11ax (RU52)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
48	5240	14.46	14.32	54.965	17.40	24	Pass
165	5825	19.96	19.91	197.032	22.95	30	Pass

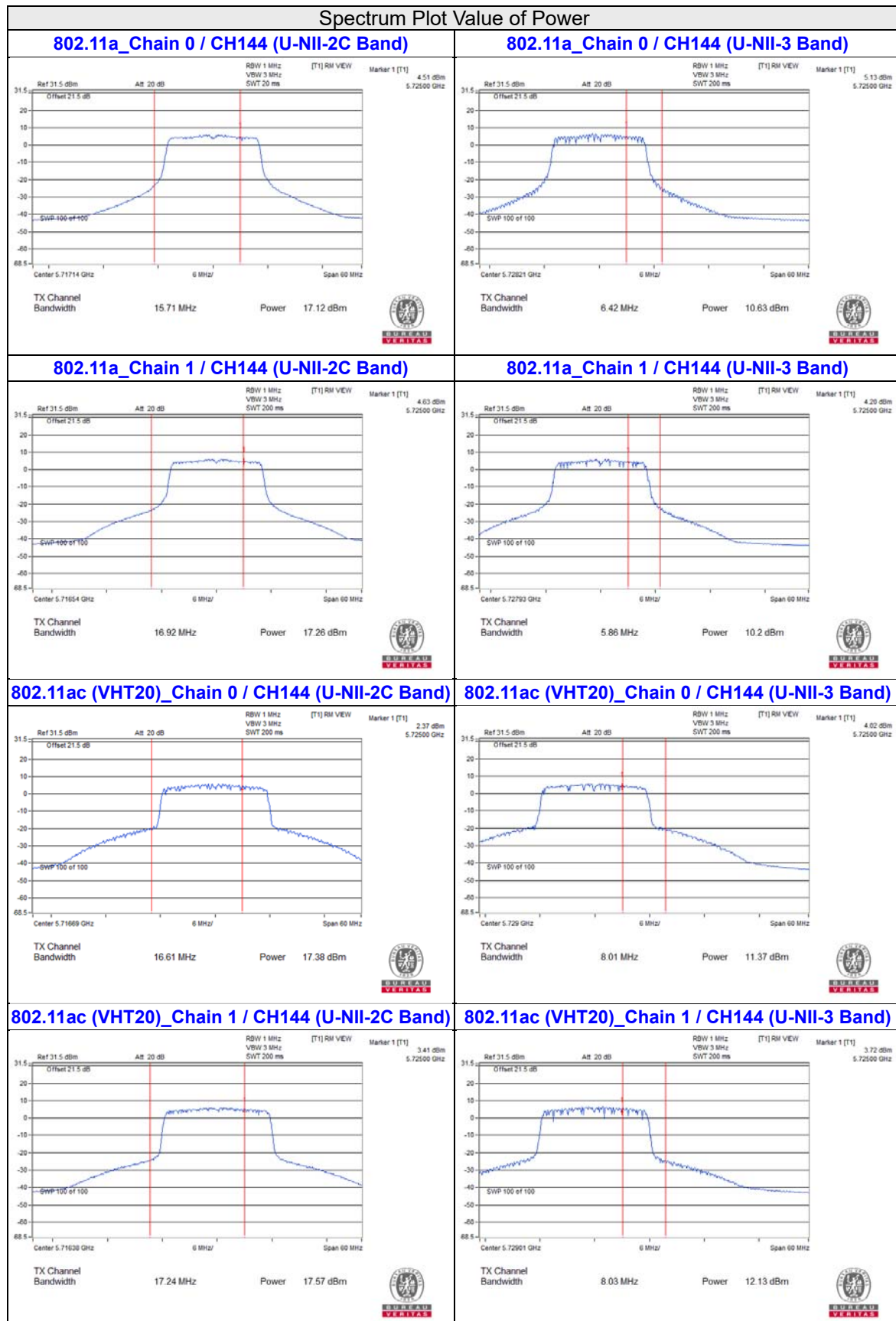
802.11ax (RU106)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	16.39	16.57	88.945	19.49	24	Pass
64	5320	16.46	16.67	90.71	19.58	24	Pass
100	5500	15.54	15.56	71.785	18.56	24	Pass
140	5700	14.49	14.56	56.695	17.54	24	Pass
149	5745	20.12	19.84	199.185	22.99	30	Pass
165	5825	20.02	19.77	195.303	22.91	30	Pass

Determined Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
64	5320	21.07	24.23 > 24
100	5500	21.12	24.24 > 24
140	5700	20.79	24.17 > 24

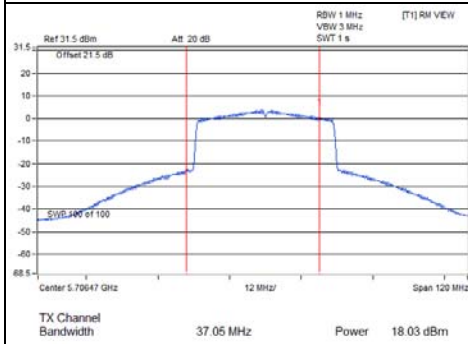
Note: For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

For channel straddling 5250 and 5725MHz of Power

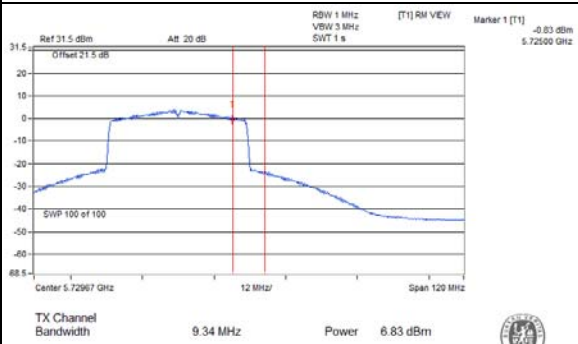


Spectrum Plot Value of Power

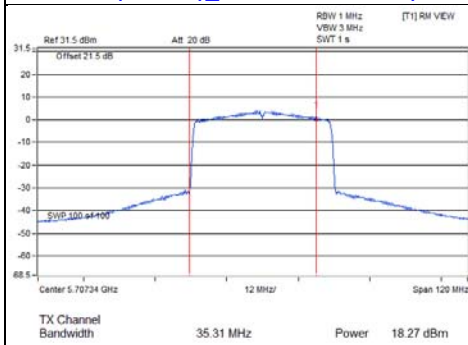
802.11ac (VHT40)_Chain 0 / CH142 (U-NII-2C Band)



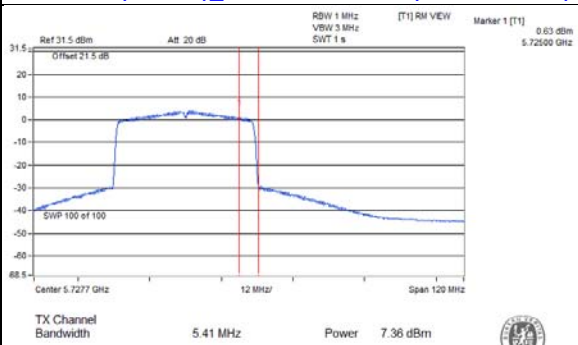
802.11ac (VHT40)_Chain 0 / CH142 (U-NII-3 Band)



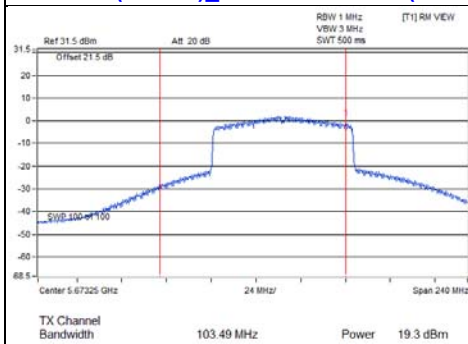
802.11ac (VHT40)_Chain 1 / CH142 (U-NII-2C Band)



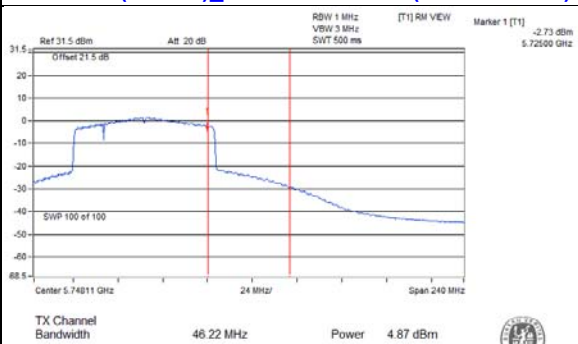
802.11ac (VHT40)_Chain 1 / CH142 (U-NII-3 Band)



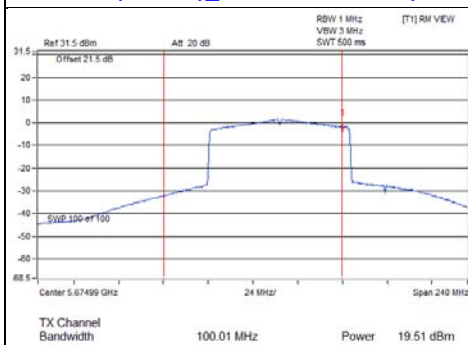
802.11ac (VHT80)_Chain 0 / CH138 (U-NII-2C Band)



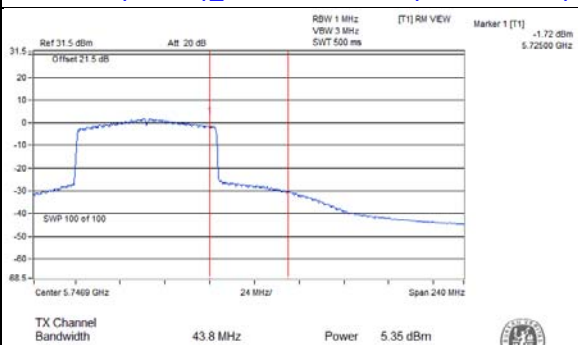
802.11ac (VHT80)_Chain 0 / CH138 (U-NII-3 Band)



802.11ac (VHT80)_Chain 1 / CH138 (U-NII-2C Band)

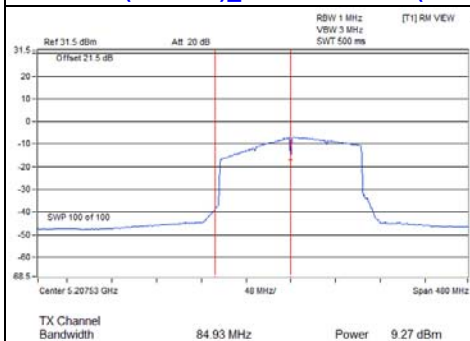


802.11ac (VHT80)_Chain 1 / CH138 (U-NII-3 Band)

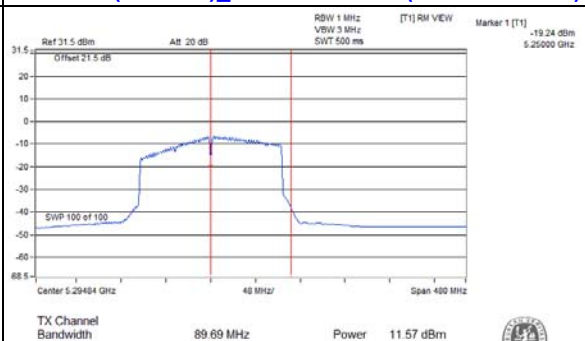


Spectrum Plot Value of Power

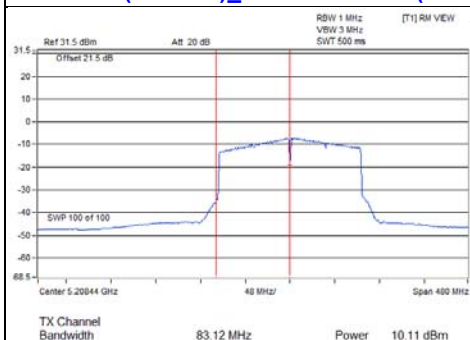
802.11ac (VHT160)_Chain 0 / CH50 (U-NII-1 Band)



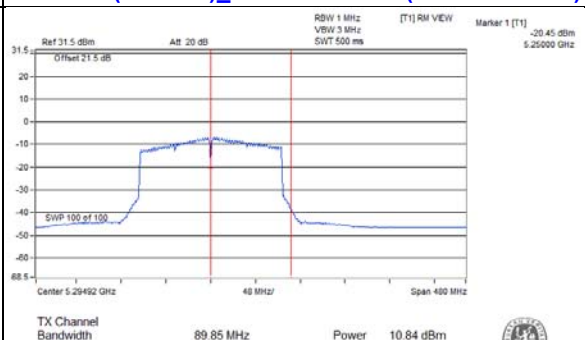
802.11ac (VHT160)_Chain 0 / CH50 (U-NII-2A Band)



802.11ac (VHT160)_Chain 1 / CH50 (U-NII-1 Band)

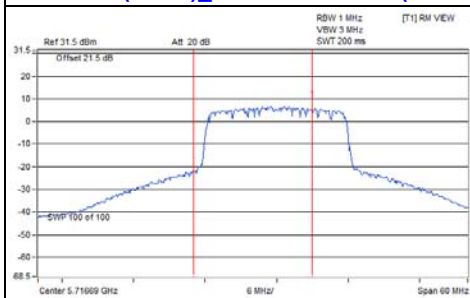


802.11ac (VHT160)_Chain 1 / CH50 (U-NII-2A Band)



Spectrum Plot Value of Power

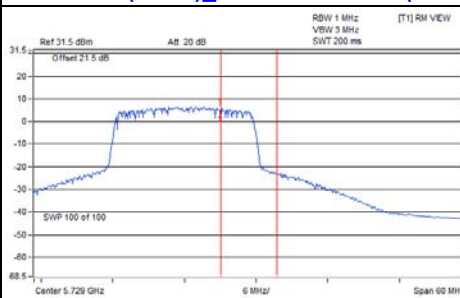
802.11ax (HE20)_Chain 0 / CH144 (U-NII-2C Band)



TX Channel Bandwidth 16.61 MHz Power 17.85 dBm



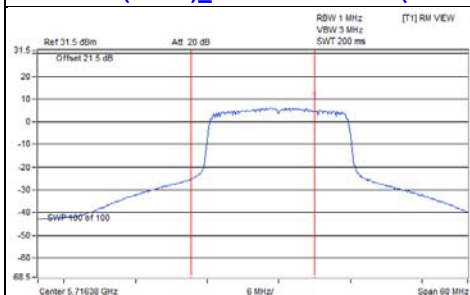
802.11ax (HE20)_Chain 0 / CH144 (U-NII-3 Band)



TX Channel Bandwidth 8.01 MHz Power 12.03 dBm



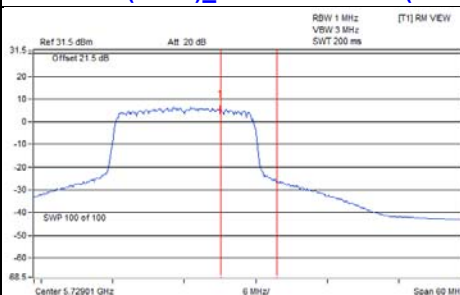
802.11ax (HE20)_Chain 1 / CH144 (U-NII-2C Band)



TX Channel Bandwidth 17.24 MHz Power 17.73 dBm



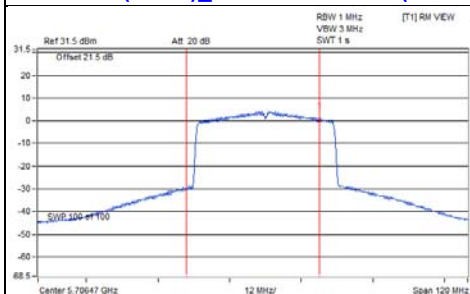
802.11ax (HE20)_Chain 1 / CH144 (U-NII-3 Band)



TX Channel Bandwidth 8.03 MHz Power 12.03 dBm



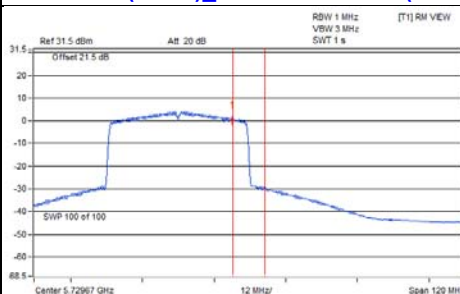
802.11ax (HE40)_Chain 0 / CH142 (U-NII-2C Band)



TX Channel Bandwidth 37.05 MHz Power 18.38 dBm



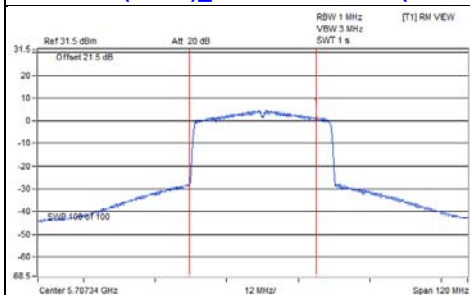
802.11ax (HE40)_Chain 0 / CH142 (U-NII-3 Band)



TX Channel Bandwidth 9.34 MHz Power 7.41 dBm



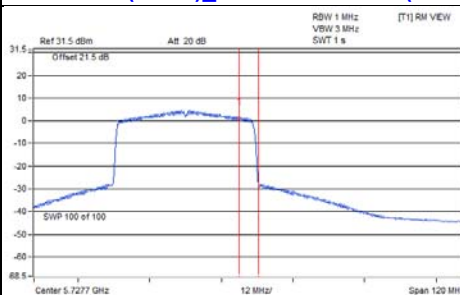
802.11ax (HE40)_Chain 1 / CH142 (U-NII-2C Band)



TX Channel Bandwidth 35.31 MHz Power 18.82 dBm



802.11ax (HE40)_Chain 1 / CH142 (U-NII-3 Band)



TX Channel Bandwidth 5.41 MHz Power 7.87 dBm





26dB Bandwidth:

802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	27.31	28.48
60	5300	40.32	38.82
64	5320	36.89	36.77
100	5500	36.79	37.18
116	5580	22.31	24.89
140	5700	34.19	29.61
144 (U-NII-2C Band)	5720	15.71	16.92

802.11ax (HE20)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	38.3	29.33
60	5300	39.46	42.29
64	5320	33.6	35.39
100	5500	34.53	32.76
116	5580	26.25	23.68
140	5700	35.19	27.35
144 (U-NII-2C Band)	5720	16.61	17.24

802.11ax (HE40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	53.84	55.86
62	5310	58.07	49.41
102	5510	55.75	54.73
110	5550	43.7	43.25
134	5670	60.9	58.88
142 (U-NII-2C Band)	5710	37.05	35.31

802.11ax (HE80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	99.86	91.44
106	5530	96.83	99.78
122	5610	84.98	83.26
138 (U-NII-2C Band)	5690	103.49	100.01

802.11ax (HE160)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
50 (U-NII-1 Band)	5250	84.93	83.12
50 (U-NII-2A Band)	5250	89.69	89.85
114	5570	174.98	175.52

802.11ax (RU26)

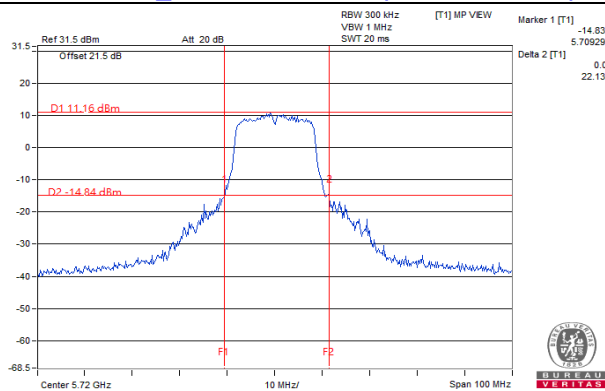
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
64	5320	20.62	20.57
100	5500	20.41	20.4
140	5700	20.66	20.22

802.11ax (RU106)

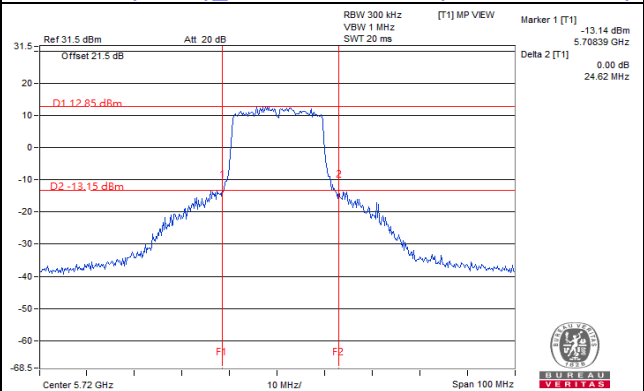
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
64	5320	21.85	21.07
100	5500	21.63	21.12
140	5700	21.85	20.79

Spectrum Plot of Worst Value

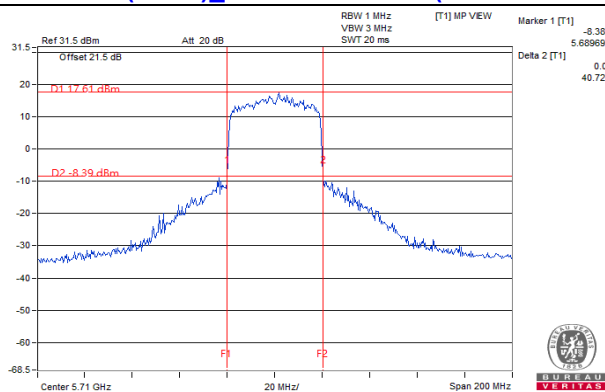
802.11a_Chain 0 / CH144 (U-NII-2C Band)



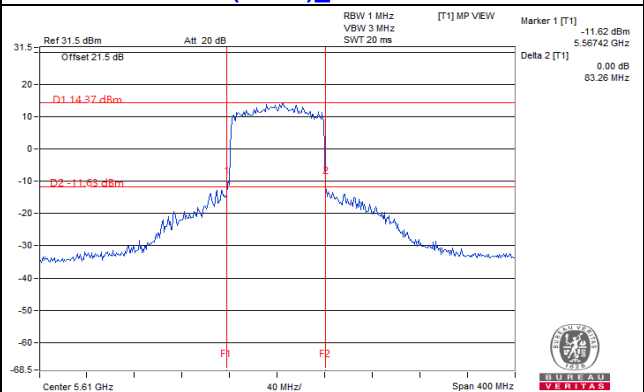
802.11ax (HE20)_Chain 0 / CH144 (U-NII-2C Band)



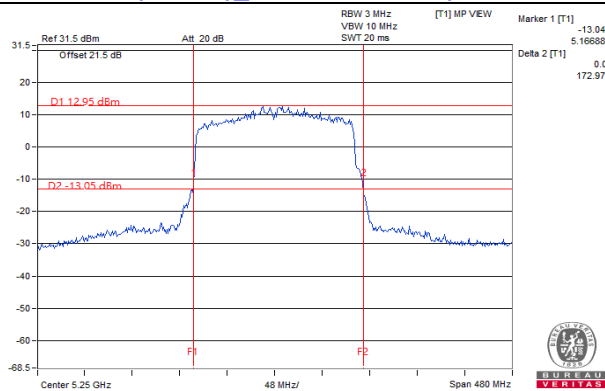
802.11ax (HE40)_Chain 1 / CH142 (U-NII-2C Band)



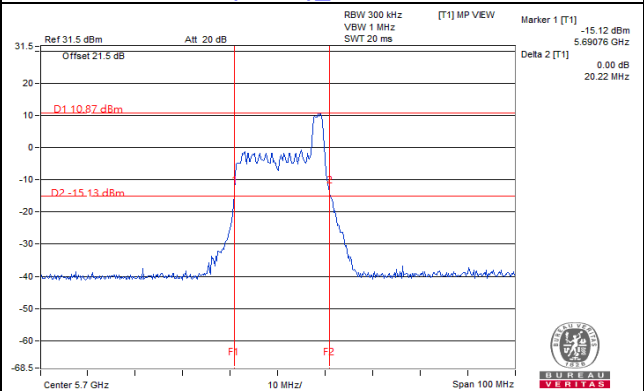
802.11ax (HE80)_Chain 1 / CH122



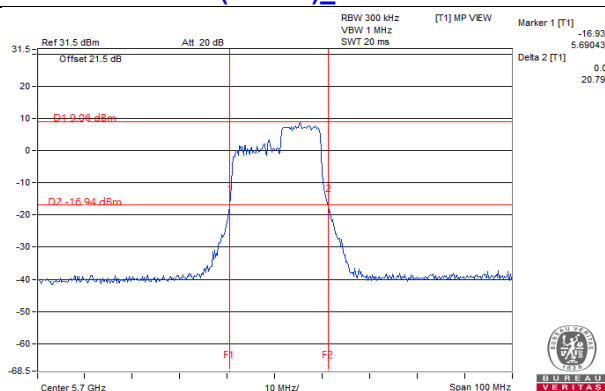
802.11ax (HE160)_Chain 1 / CH50 (U-NII-1 Band)



802.11ax (RU26)_Chain 1 / CH140



802.11ax (RU106)_Chain 1 / CH140



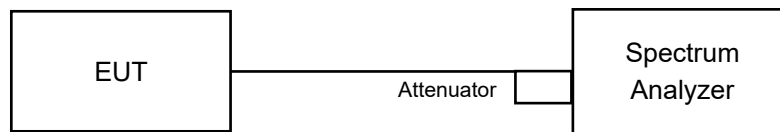
Note:

The 26dB bandwidth below 5725MHz = 5725MHz - Marker 1

The 26dB bandwidth below 5250MHz = 5250MHz - Marker 1

4.4 Occupied Bandwidth Measurement

4.4.1 Test Setup



4.4.2 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.3 Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth and set the detector to SAMPLE. The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean power of a given emission.

4.4.4 Test Results

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	17.16	17.16
40	5200	17.4	17.28
48	5240	17.04	16.8
52	5260	16.92	16.92
60	5300	17.76	17.4
64	5320	17.4	17.64
100	5500	17.4	17.16
116	5580	16.68	16.56
140	5700	17.16	17.04
144 (U-NII-2C Band)	5720	13.4	13.4
144 (U-NII-3 Band)	5720	3.4	3.4
149	5745	17.56	17.4
157	5785	17.04	17.28
165	5825	17.28	17.28

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	19.2	19.2
40	5200	19.32	19.32
48	5240	18.96	18.96
52	5260	19.08	19.2
60	5300	19.32	19.32
64	5320	19.32	19.32
100	5500	19.32	19.32
116	5580	19.08	19.2
140	5700	19.32	19.2
144 (U-NII-2C Band)	5720	14.48	14.48
144 (U-NII-3 Band)	5720	4.6	4.6
149	5745	19.32	19.32
157	5785	19.2	19.32
165	5825	19.44	19.32

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	37.92	37.92
46	5230	37.92	37.92
54	5270	38.88	37.92
62	5310	37.92	37.92
102	5510	37.92	37.92
110	5550	37.92	37.92
134	5670	38.16	38.16
142 (U-NII-2C Band)	5710	34.2	33.96
142 (U-NII-3 Band)	5710	4.44	3.96
151	5755	38.09	38.16
159	5795	37.92	37.92

802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	78.72	77.28
58	5290	77.28	77.28
106	5530	77.76	77.28
122	5610	77.28	76.8
138 (U-NII-2C Band)	5690	73.88	73.88
138 (U-NII-3 Band)	5690	3.88	3.88
155	5775	77.28	77.28

802.11ax (HE160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
50 (U-NII-1 Band)	5250	77.76	77.76
50 (U-NII-2A Band)	5250	77.76	77.76
114	5570	156.48	156.48

802.11ax (RU26)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	18.36	18.48
64	5320	18.6	18.48
100	5500	18.6	18.48
140	5700	18.6	18.48
149	5745	18.48	18.6
165	5825	18.48	18.36

802.11ax (RU52)

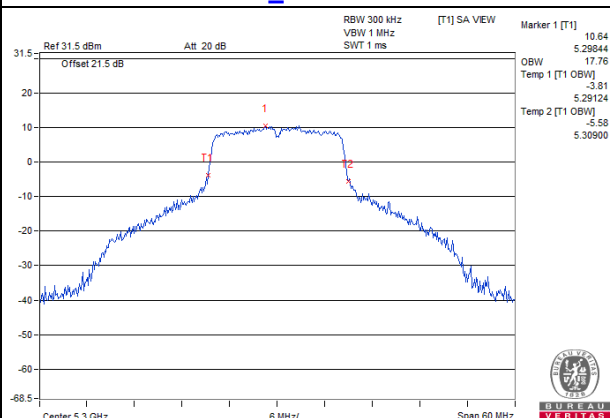
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
48	5240	18.36	18.12
165	5825	18.48	18.36

802.11ax (RU106)

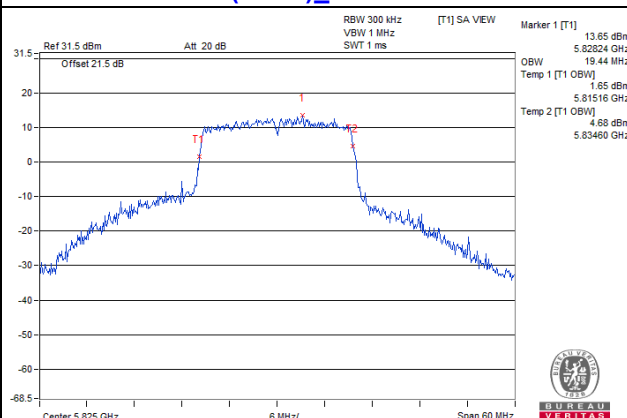
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	18.48	18.24
64	5320	18.36	18.36
100	5500	18.36	18.24
140	5700	18.36	18.24
149	5745	18.48	18.24
165	5825	18.36	18.24

Spectrum Plot of Worst Value

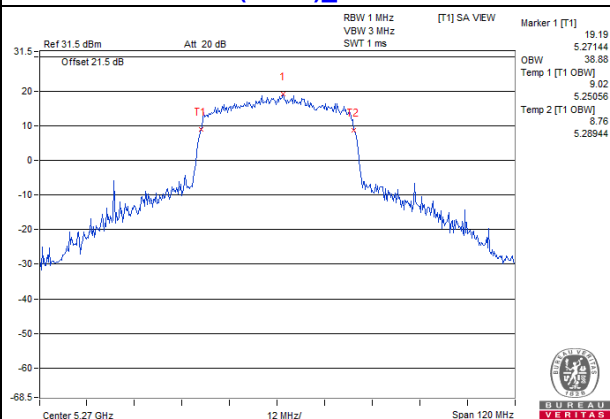
802.11a_Chain 0 / CH60



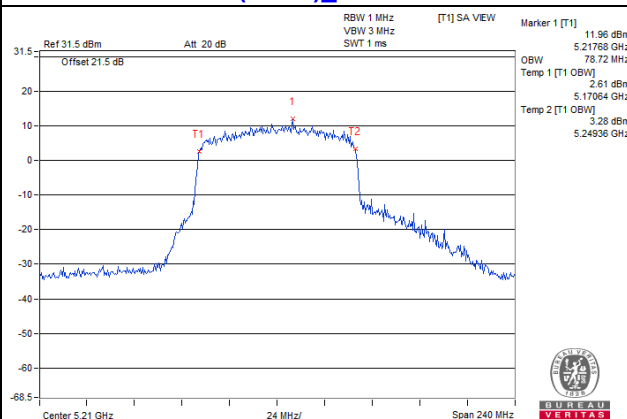
802.11ax (HE20)_Chain 0 / CH165



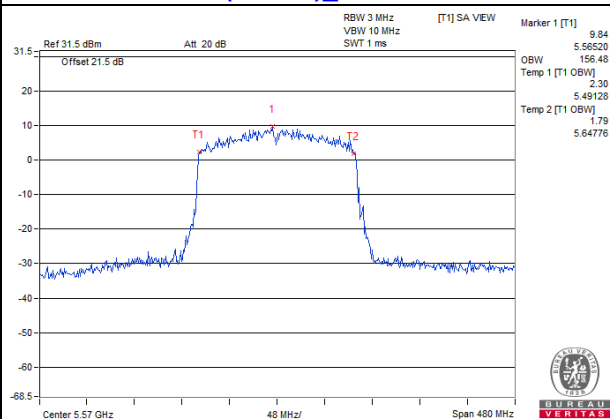
802.11ax (HE40)_Chain 0 / CH54



802.11ax (HE80)_Chain 0 / CH42

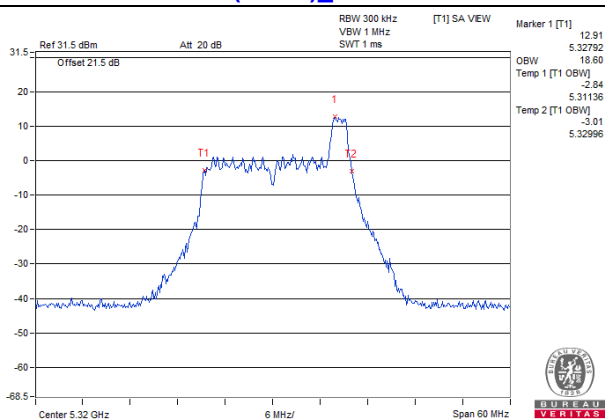


802.11ax (HE160)_Chain 0 / CH114

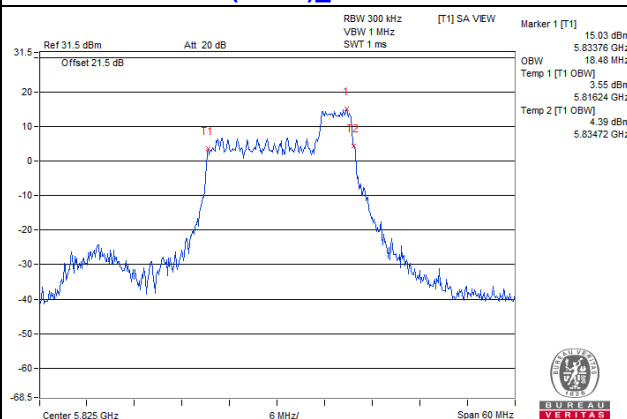


Spectrum Plot of Worst Value

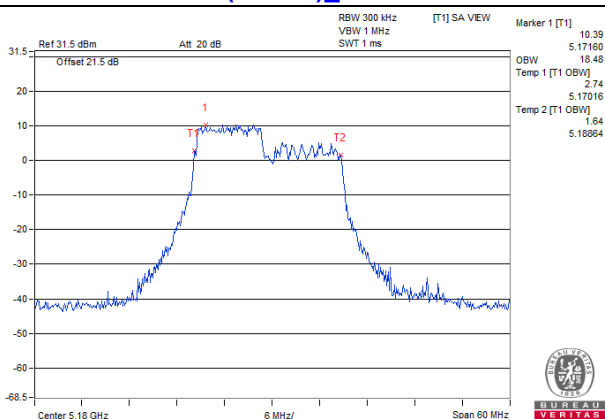
802.11ax (RU26)_Chain 0 / CH64



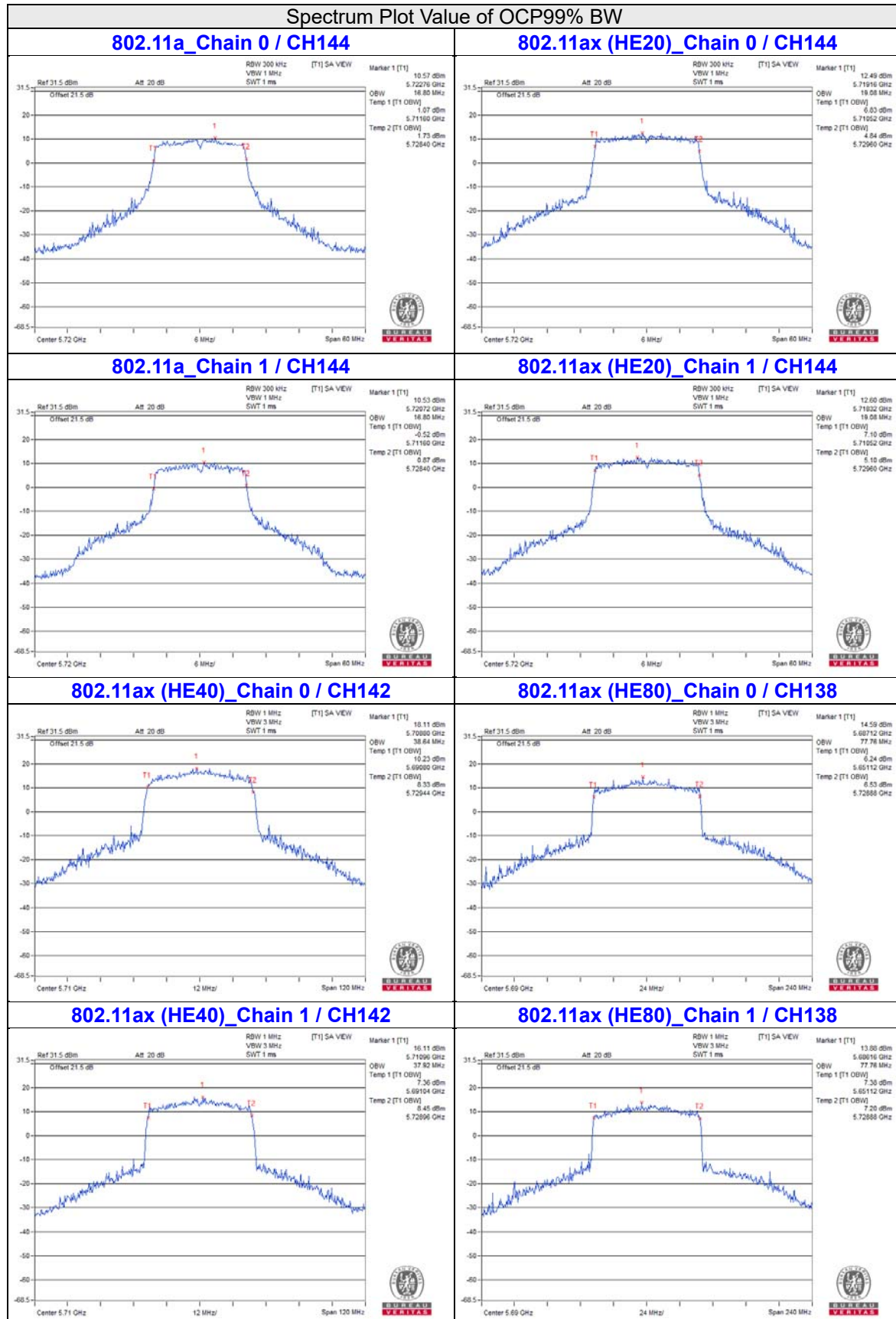
802.11ax (RU52)_Chain 0 / CH165

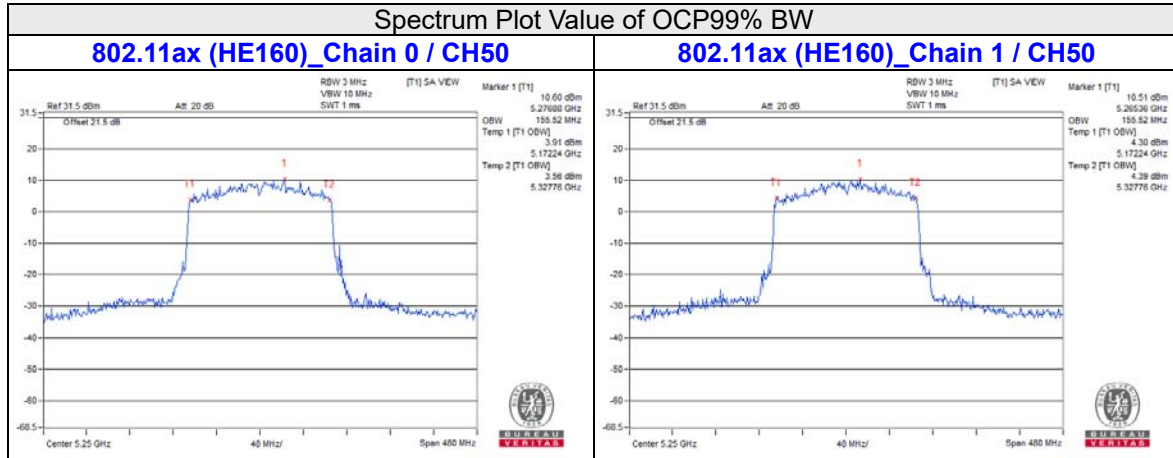


802.11ax (HE106)_Chain 0 / CH36



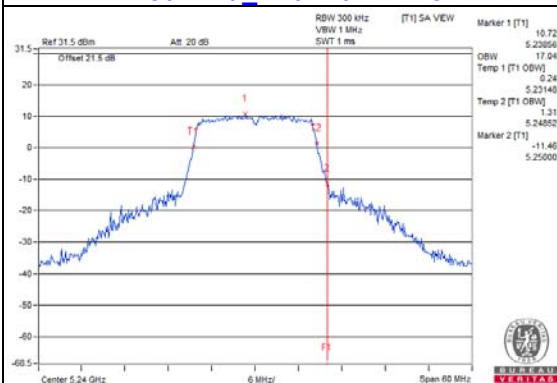
For channel straddling 5250 and 5725MHz of OCP99% BW



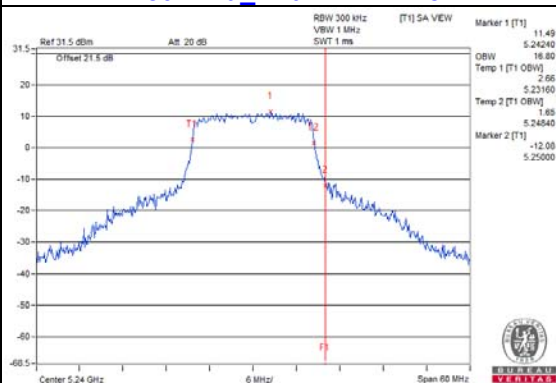


**Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A band)**

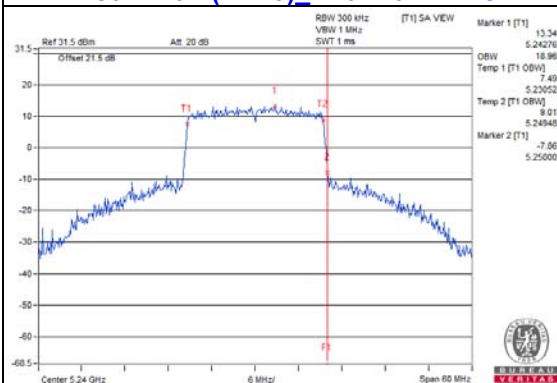
802.11a_Chain 0 / CH48



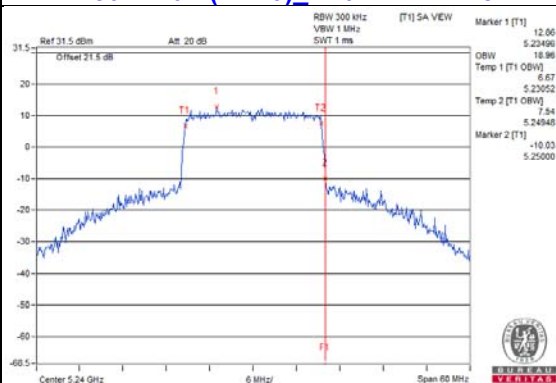
802.11a_Chain 1 / CH48



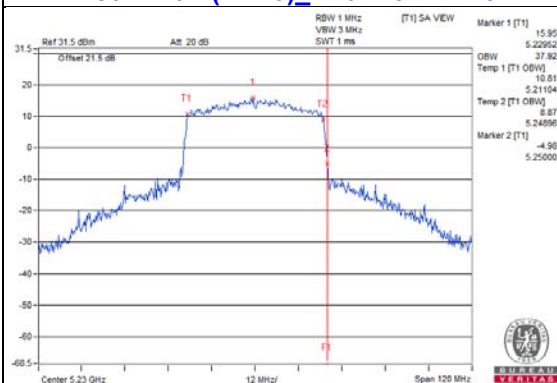
802.11ax (HE20)_Chain 0 / CH48



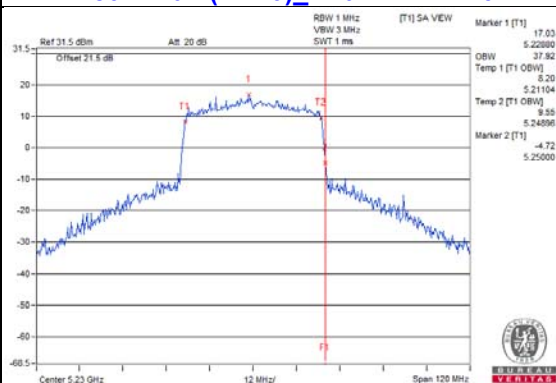
802.11ax (HE20)_Chain 1 / CH48



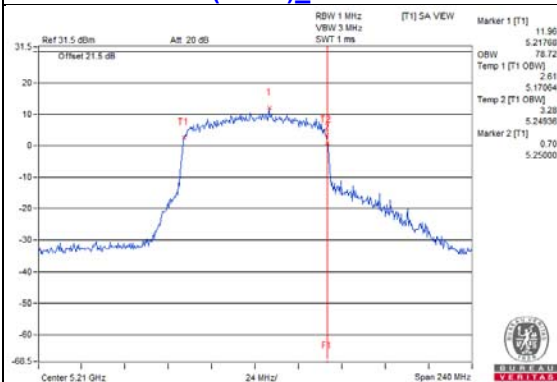
802.11ax (HE40)_Chain 0 / CH46



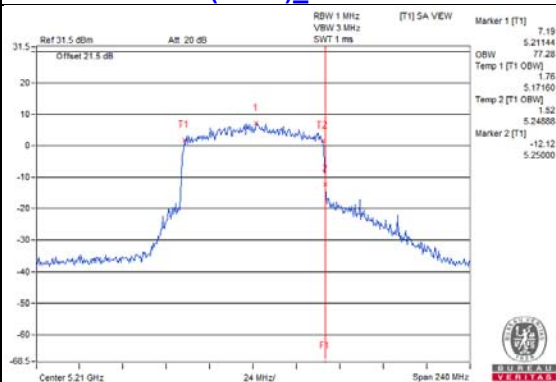
802.11ax (HE40)_Chain 1 / CH46



802.11ax (HE80)_Chain 0 / CH42

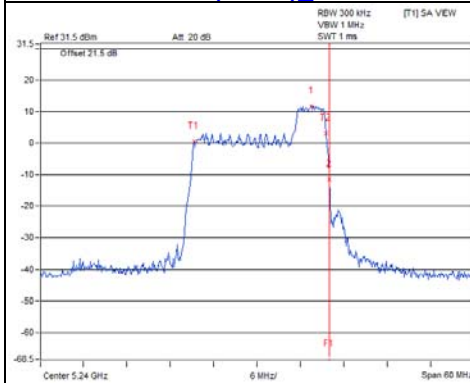


802.11ax (HE80)_Chain 1 / CH42

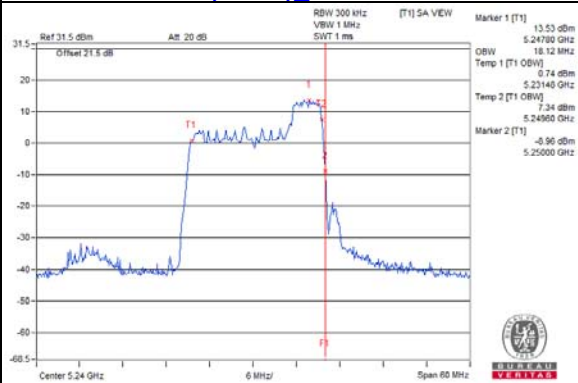


Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A band)

802.11ax (RU52)_Chain 0 / CH48

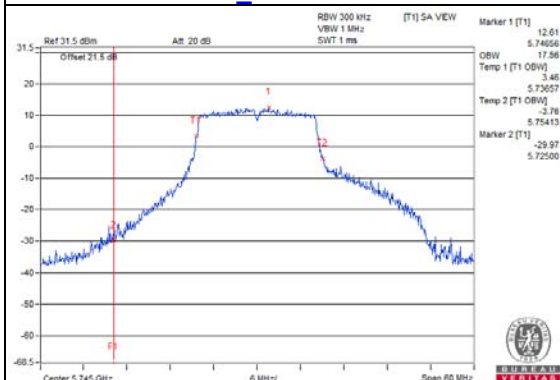


802.11ax (RU52)_Chain 1 / CH48

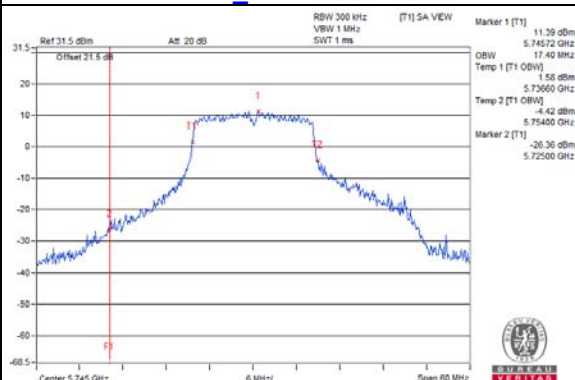


**Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C band)**

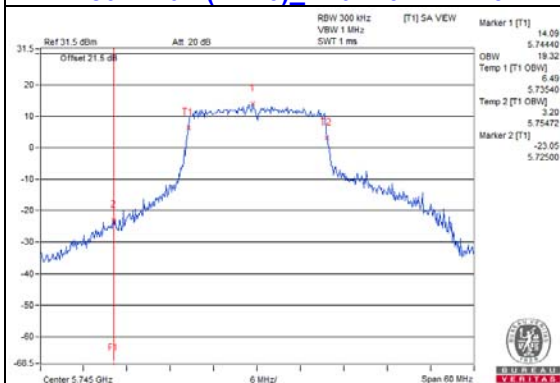
802.11a_Chain 0 / CH149



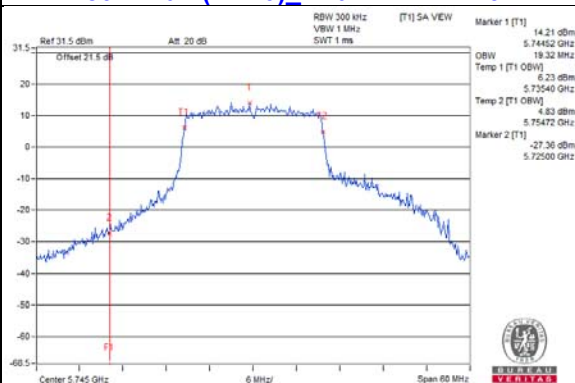
802.11a_Chain 1 / CH149



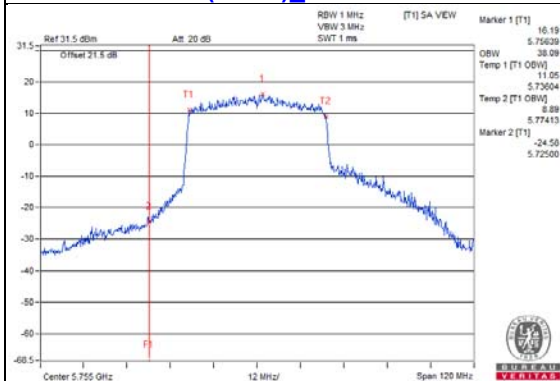
802.11ax (HE20)_Chain 0 / CH149



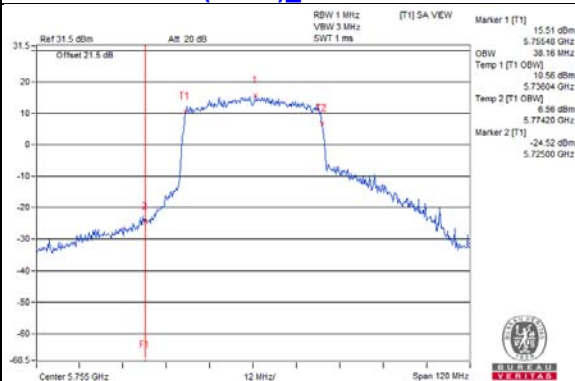
802.11ax (HE20)_Chain 1 / CH149



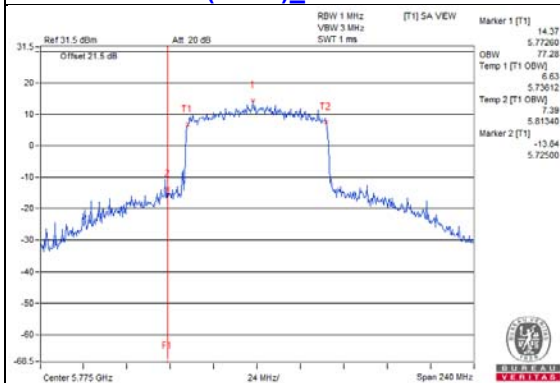
802.11ax (HE40)_Chain 0 / CH151



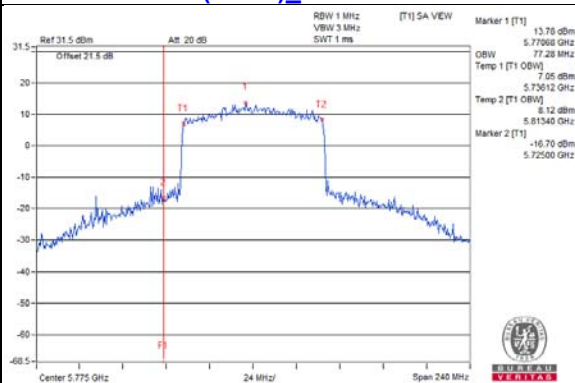
802.11ax (HE40)_Chain 1 / CH151



802.11ax (HE80)_Chain 0 / CH155

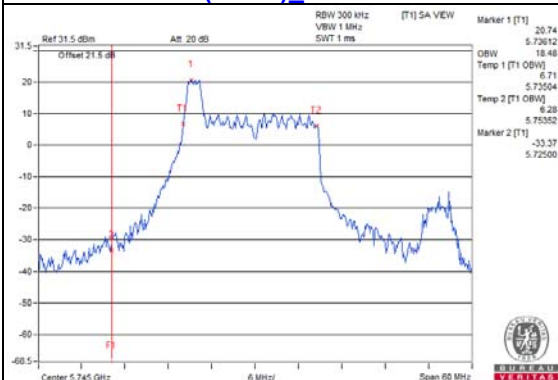


802.11ax (HE80)_Chain 1 / CH155

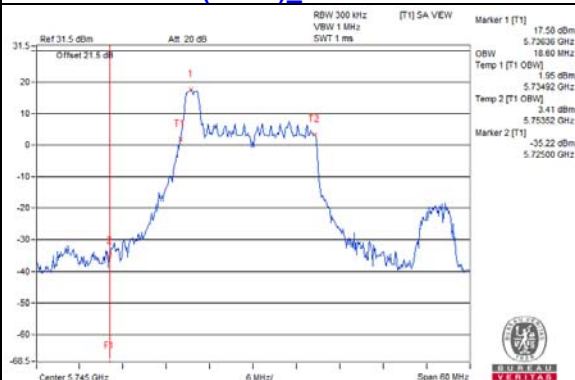


Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C band)

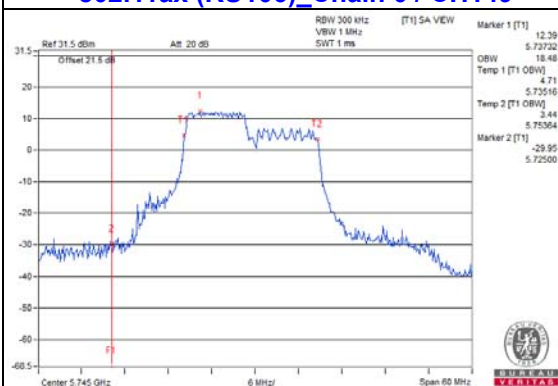
802.11ax (RU26)_Chain 0 / CH149



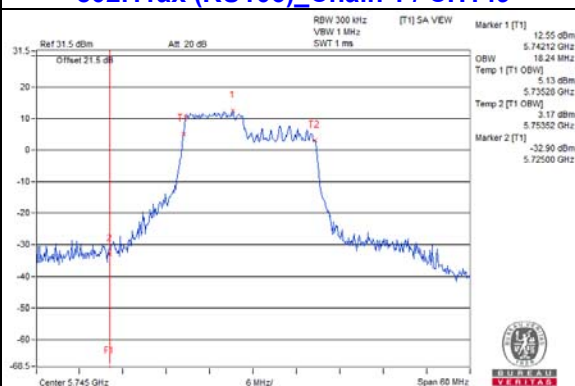
802.11ax (RU26)_Chain 1 / CH149



802.11ax (RU106)_Chain 0 / CH149



802.11ax (RU106)_Chain 1 / CH149

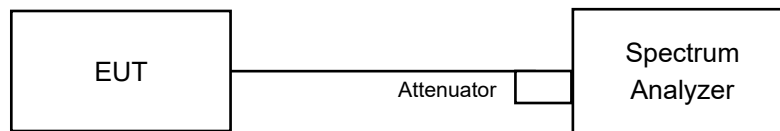


4.5 Peak Power Spectral Density Measurement

4.5.1 Limits of Peak Power Spectral Density Measurement

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	17dBm/ MHz
		Fixed point-to-point Access Point	
		Indoor Access Point	
	√	Client device	11dBm/ MHz
U-NII-2A	√		11dBm/ MHz
U-NII-2C	√		11dBm/ MHz
U-NII-3	√		30dBm/ 500kHz

4.5.2 Test Setup



4.5.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.5.4 Test Procedure

For U-NII-1, U-NII-2A, U-NII-2C band:

Using method SA-2

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
3. Sweep time = auto, trigger set to "free run".
4. Trace average at least 100 traces in power averaging mode.
5. Record the max value and add 10 log (1/duty cycle)

For U-NII-3 band:

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 300 kHz, Set VBW ≥ 1 MHz, Detector = RMS
3. Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.
4. Scale the observed power level to an equivalent value in 500 kHz by adjusting (increasing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500\text{kHz}/300\text{kHz})$
5. Sweep time = auto, trigger set to "free run".
6. Trace average at least 100 traces in power averaging mode.
7. Record the max value and add 10 log (1/duty cycle)

4.5.5 Deviation from Test Standard

No deviation.

4.5.6 EUT Operating Condition

Same as Item 4.3.6.

4.5.7 Test Results

For U-NII-1, U-NII-2A, U-NII-2C band:

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	4.93	5.61	0.34	8.64	9.07	Pass
40	5200	5.19	4.83	0.34	8.37	9.07	Pass
48	5240	5.06	5.09	0.34	8.43	9.07	Pass
52	5260	6.04	4.34	0.34	8.63	9.07	Pass
60	5300	5.27	4.79	0.34	8.39	9.07	Pass
64	5320	5.27	4.80	0.34	8.39	9.07	Pass
100	5500	5.67	4.89	0.34	8.65	9.07	Pass
116	5580	5.84	5.51	0.34	9.03	9.07	Pass
140	5700	5.05	4.27	0.34	8.03	9.07	Pass
144 (U-NII-2C Band)	5720	5.76	5.42	0.34	8.95	9.07	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain = $4.92 \text{ dBi} + 10\log(2) = 7.93 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11-(7.93-6) = 9.07 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	4.88	4.45	0.46	8.14	9.07	Pass
40	5200	4.75	4.54	0.46	8.12	9.07	Pass
48	5240	4.91	5.08	0.46	8.47	9.07	Pass
52	5260	4.10	5.18	0.46	8.15	9.07	Pass
60	5300	4.86	4.82	0.46	8.31	9.07	Pass
64	5320	5.74	5.16	0.46	8.93	9.07	Pass
100	5500	5.00	5.06	0.46	8.50	9.07	Pass
116	5580	6.02	4.12	0.46	8.65	9.07	Pass
140	5700	4.54	5.77	0.46	8.67	9.07	Pass
144 (U-NII-2C Band)	5720	4.40	5.81	0.46	8.63	9.07	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain = $4.92 \text{ dBi} + 10\log(2) = 7.93 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11-(7.93-6) = 9.07 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
38	5190	1.67	1.21	0.63	5.09	9.07	Pass
46	5230	4.30	3.46	0.63	7.54	9.07	Pass
54	5270	4.44	4.10	0.63	7.91	9.07	Pass
62	5310	0.14	0.32	0.63	3.87	9.07	Pass
102	5510	1.89	2.06	0.63	5.62	9.07	Pass
110	5550	3.34	4.09	0.63	7.37	9.07	Pass
134	5670	2.79	2.57	0.63	6.32	9.07	Pass
142 (U-NII-2C Band)	5710	3.19	3.70	0.63	7.09	9.07	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain = $4.92 \text{ dBi} + 10\log(2) = 7.93 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11-(7.93-6) = 9.07 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
42	5210	-5.15	-4.86	1.17	-0.82	9.07	Pass
58	5290	-4.22	-2.65	1.17	0.82	9.07	Pass
106	5530	-2.55	-3.01	1.17	1.41	9.07	Pass
122	5610	0.32	0.33	1.17	4.51	9.07	Pass
138 (U-NII-2C Band)	5690	1.67	1.93	1.17	5.98	9.07	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain = $4.92 \text{ dBi} + 10\log(2) = 7.93 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11-(7.93-6) = 9.07 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
50 (U-NII-1 Band)	5250	-6.87	-6.73	2.02	-1.77	9.07	Pass
50 (U-NII-2A Band)	5250	-6.79	-6.78	2.02	-1.75	9.07	Pass
114	5570	-7.32	-7.38	2.02	-2.32	9.07	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain = $4.92 \text{ dBi} + 10\log(2) = 7.93 \text{ dBi} > 6 \text{ dBi}$, so the power density limit shall be reduced to $11 - (7.93 - 6) = 9.07 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (RU26)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	4.10	3.69	1.71	8.62	9.07	Pass
64	5320	4.10	4.10	1.71	8.82	9.07	Pass
100	5500	4.42	3.91	1.71	8.90	9.07	Pass
140	5700	4.29	3.62	1.71	8.69	9.07	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain = $4.92 \text{ dBi} + 10\log(2) = 7.93 \text{ dBi} > 6 \text{ dBi}$, so the power density limit shall be reduced to $11 - (7.93 - 6) = 9.07 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (RU52)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
48	5240	4.20	3.81	1.93	8.95	9.07	Pass

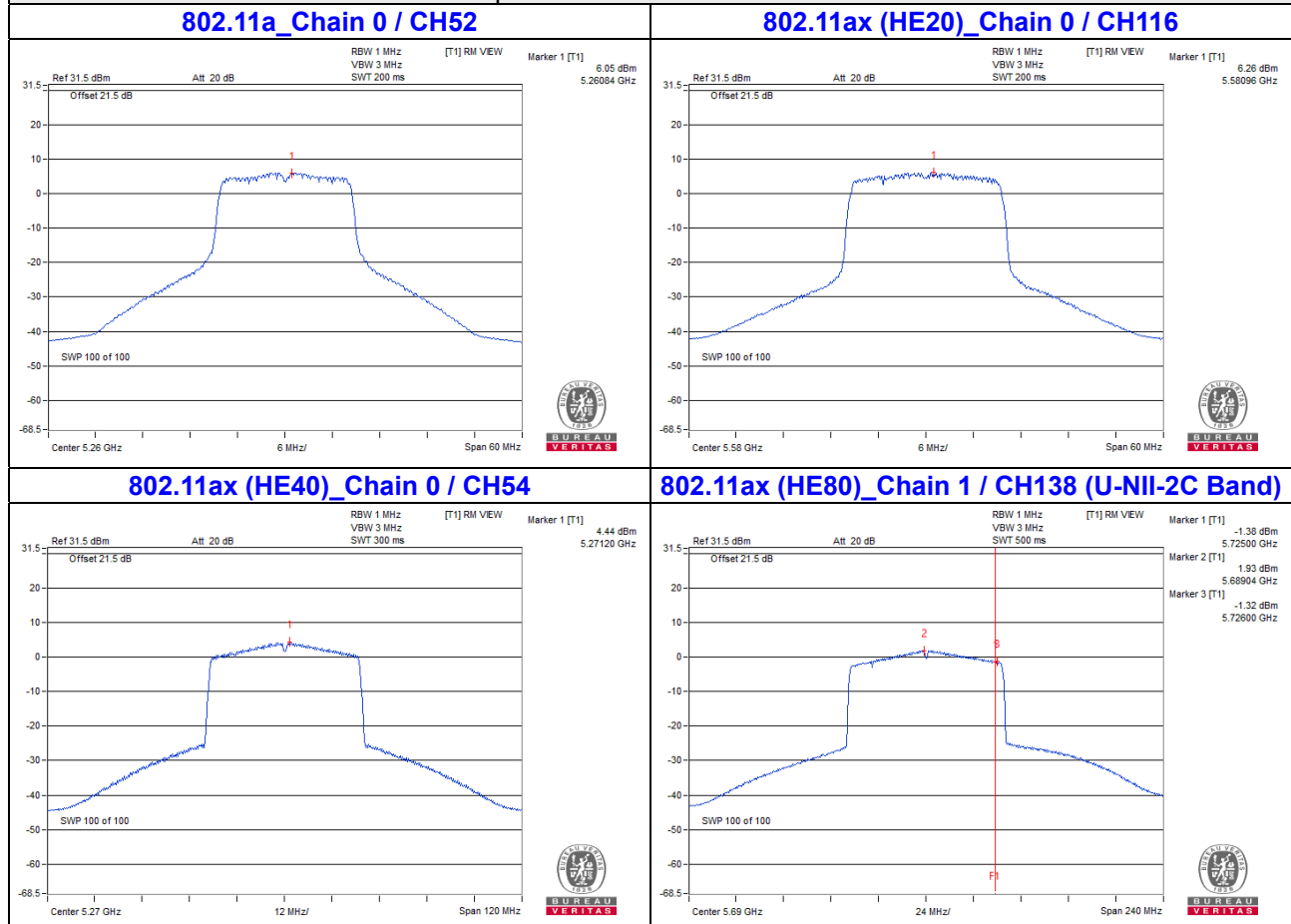
- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain = $4.92 \text{ dBi} + 10\log(2) = 7.93 \text{ dBi} > 6 \text{ dBi}$, so the power density limit shall be reduced to $11 - (7.93 - 6) = 9.07 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (RU106)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	2.93	3.25	2.34	8.44	9.07	Pass
64	5320	3.24	3.60	2.34	8.77	9.07	Pass
100	5500	1.45	1.85	2.34	7.01	9.07	Pass
140	5700	-0.33	-0.06	2.34	5.16	9.07	Pass

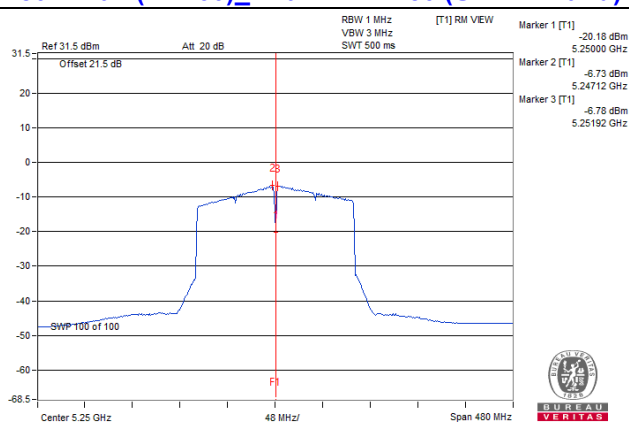
- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain = $4.92 \text{ dBi} + 10\log(2) = 7.93 \text{ dBi} > 6 \text{ dBi}$, so the power density limit shall be reduced to $11 - (7.93 - 6) = 9.07 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value

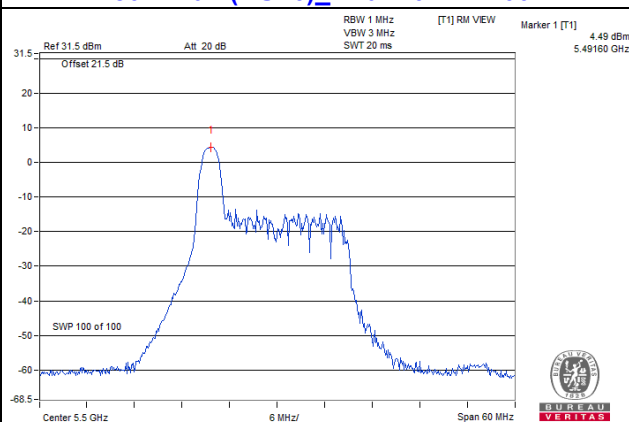


Spectrum Plot of Worst Value

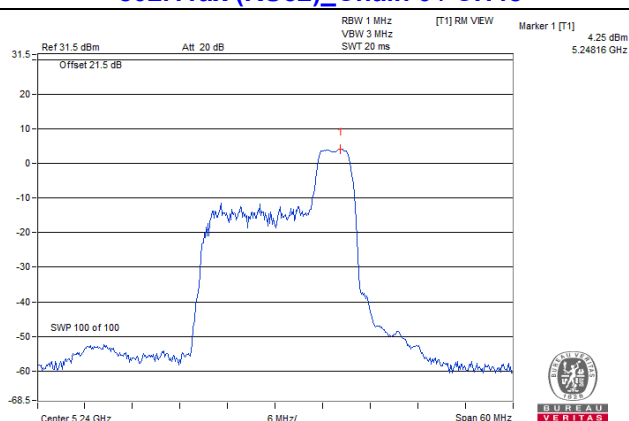
802.11ax (HE160)_Chain 1 / CH50 (U-NII-1 Band)



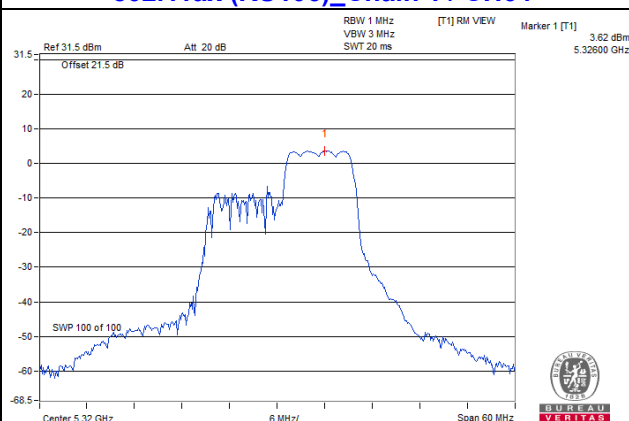
802.11ax (RU26)_Chain 0 / CH100



802.11ax (RU52)_Chain 0 / CH48



802.11ax (RU106)_Chain 1 / CH64



For U-NII-3 band:

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
144 (U-NII-3 Band)	5720	-3.80	-4.67	0.34	-0.86	1.36	28.07	Pass
149	5745	-0.49	-1.93	0.34	2.20	4.42	28.07	Pass
157	5785	-0.05	-2.00	0.34	2.44	4.66	28.07	Pass
165	5825	0.08	-2.33	0.34	2.39	4.61	28.07	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
 2. The directional gain = 4.92 dBi + 10log(2) = 7.93 dBi > 6dBi , so the power density limit shall be reduced to 30-(7.93-6) = 28.07 dBm.
 3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
144 (U-NII-3 Band)	5720	-7.77	-3.09	0.46	-1.36	0.86	28.07	Pass
149	5745	-1.78	-1.83	0.46	1.67	3.89	28.07	Pass
157	5785	-1.56	-1.54	0.46	1.92	4.14	28.07	Pass
165	5825	-1.59	-1.68	0.46	1.84	4.06	28.07	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
 2. The directional gain = 4.92 dBi + 10log(2) = 7.93 dBi > 6dBi , so the power density limit shall be reduced to 30-(7.93-6) = 28.07 dBm.
 3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
142 (U-NII-3 Band)	5710	-9.21	-8.46	0.63	-5.18	-2.96	28.07	Pass
151	5755	-5.40	-5.17	0.63	-1.64	0.58	28.07	Pass
159	5795	-4.85	-5.15	0.63	-1.36	0.86	28.07	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
 2. The directional gain = 4.92 dBi + 10log(2) = 7.93 dBi > 6dBi , so the power density limit shall be reduced to 30-(7.93-6) = 28.07 dBm.
 3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
138 (U-NII-3 Band)	5690	-10.73	-10.51	1.17	-6.44	-4.22	28.07	Pass
155	5775	-7.83	-7.69	1.17	-3.58	-1.36	28.07	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = $4.92 \text{ dBi} + 10\log(2) = 7.93 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $30-(7.93-6) = 28.07 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (RU26)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
149	5745	5.04	2.02	1.71	8.51	10.73	28.07	Pass
165	5825	4.92	0.82	1.71	8.06	10.28	28.07	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = $4.92 \text{ dBi} + 10\log(2) = 7.93 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $30-(7.93-6) = 28.07 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (RU52)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
165	5825	-1.08	1.62	1.93	5.41	7.63	28.07	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = $4.92 \text{ dBi} + 10\log(2) = 7.93 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $30-(7.93-6) = 28.07 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

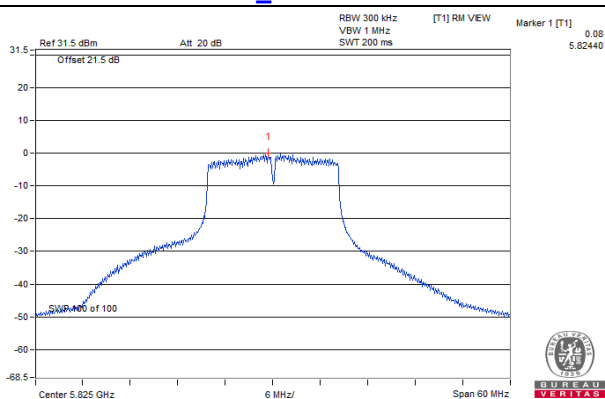
802.11ax (RU106)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
149	5745	-3.71	-4.05	2.34	1.47	3.69	28.07	Pass
165	5825	-4.06	-5.36	2.34	0.69	2.91	28.07	Pass

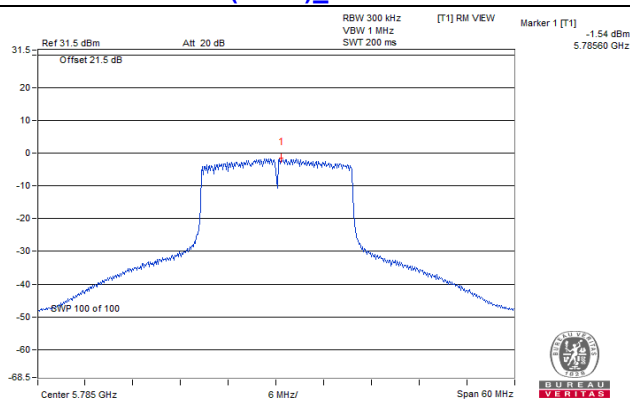
- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = $4.92 \text{ dBi} + 10\log(2) = 7.93 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $30-(7.93-6) = 28.07 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value

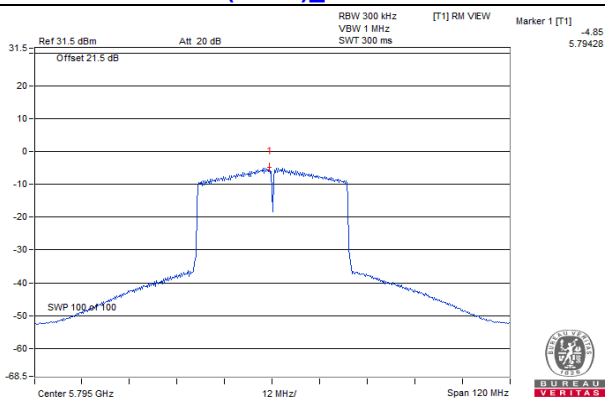
802.11a_Chain 0 / CH165



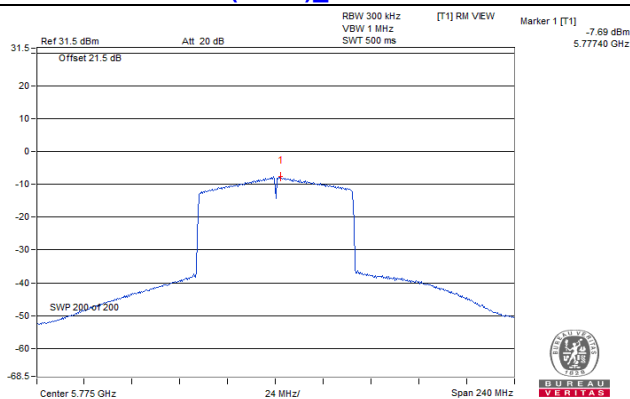
802.11ax (HE20)_Chain 1 / CH157



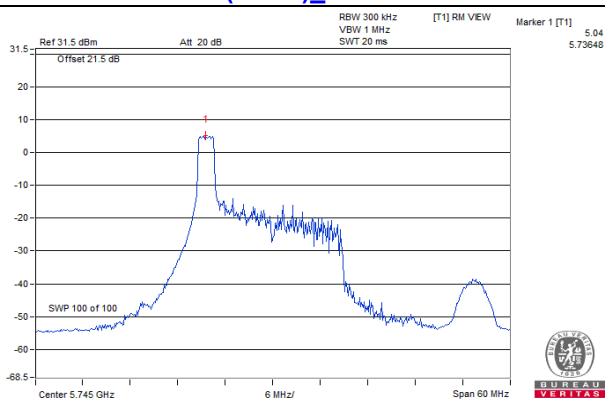
802.11ax (HE40)_Chain 0 / CH159



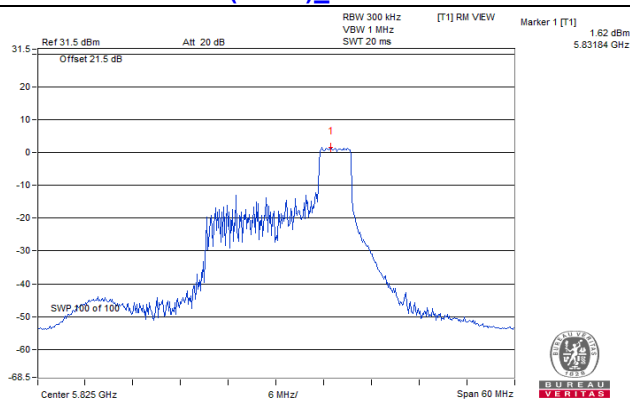
802.11ax (HE80)_Chain 1 / CH155



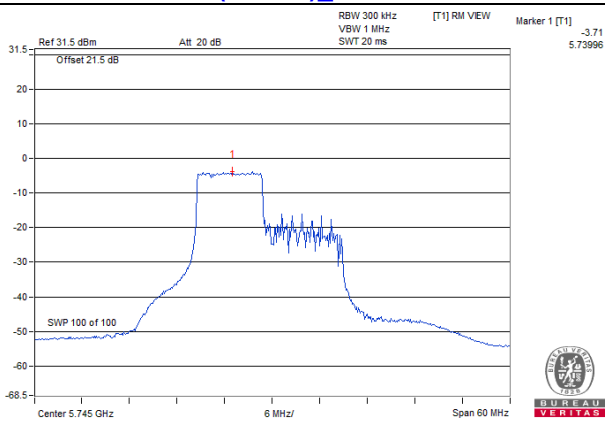
802.11ax (RU26)_Chain 0 / CH149



802.11ax (RU52)_Chain 1 / CH165



802.11ax (RU106)_Chain 0 / CH149

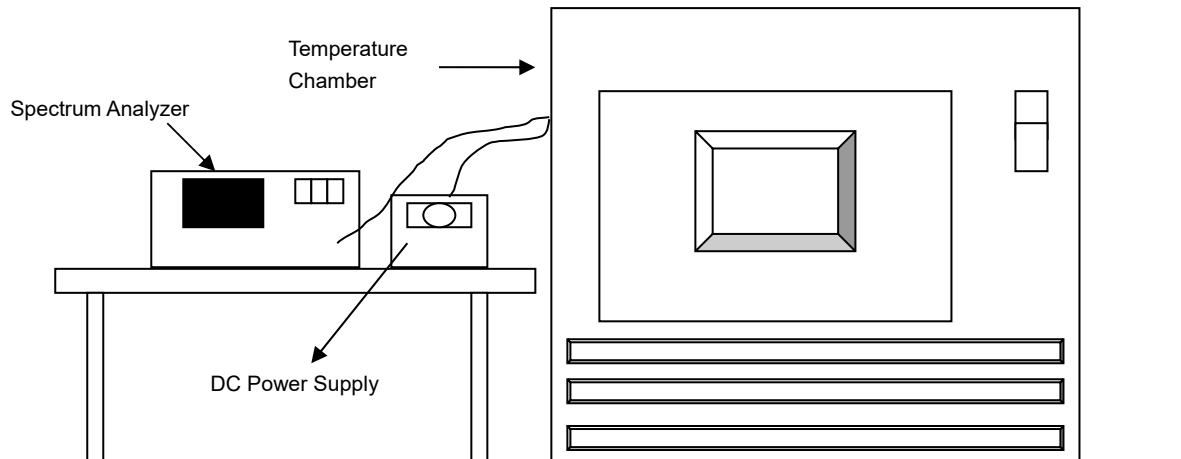


4.6 Frequency Stability Measurement

4.6.1 Limits of Frequency Stability Measurement

The frequency of the carrier signal shall be maintained within band of operation

4.6.2 Test Setup



4.6.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.6.4 Test Procedure

- The EUT was placed inside the environmental test chamber and powered by nominal DC voltage.
- Turn the EUT on and couple its output to a spectrum analyzer.
- Turn the EUT off and set the chamber to the highest temperature specified.
- Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 Minutes.
- Repeat step (d) with the temperature chamber set to the next desired temperature until measurements down to the lowest specified temperature have been completed.
- The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 Minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

4.6.5 Deviation from Test Standard

No deviation.

4.6.6 EUT Operating Condition

Set the EUT transmit at un-modulation mode to test frequency stability.

4.6.7 Test Results

Frequency Stability Versus Temp.									
Operating Frequency: 5180 MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
70	3.3	5180.0208	Pass	5180.0174	Pass	5180.0177	Pass	5180.019	Pass
60	3.3	5179.9902	Pass	5179.9897	Pass	5179.9889	Pass	5179.9928	Pass
50	3.3	5180.0137	Pass	5180.013	Pass	5180.0127	Pass	5180.0166	Pass
40	3.3	5179.9886	Pass	5179.9896	Pass	5179.9904	Pass	5179.9898	Pass
30	3.3	5180.0002	Pass	5180.0012	Pass	5180.0016	Pass	5179.999	Pass
20	3.3	5180.0026	Pass	5180.0023	Pass	5180.0028	Pass	5180.0018	Pass
10	3.3	5179.9874	Pass	5179.9832	Pass	5179.9853	Pass	5179.986	Pass
0	3.3	5179.9985	Pass	5180.0003	Pass	5179.997	Pass	5179.9982	Pass
-10	3.3	5179.9878	Pass	5179.989	Pass	5179.9885	Pass	5179.9892	Pass

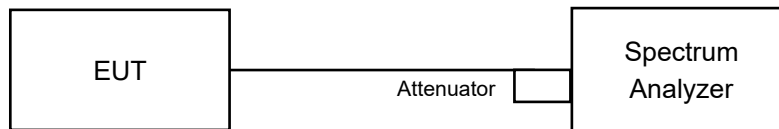
Frequency Stability Versus Voltage									
Operating Frequency: 5180 MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	3.795	5180.0025	Pass	5180.0017	Pass	5180.0023	Pass	5180.0018	Pass
	3.3	5180.0026	Pass	5180.0023	Pass	5180.0028	Pass	5180.0018	Pass
	2.805	5180.0016	Pass	5180.0022	Pass	5180.0031	Pass	5180.0016	Pass

4.7 6dB Bandwidth Measurement

4.7.1 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is 0.5MHz.

4.7.2 Test Setup



4.7.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.7.4 Test Procedure

MEASUREMENT PROCEDURE REF

- Set resolution bandwidth (RBW) = 100kHz
- Set the video bandwidth (VBW) $\geq 3 \times$ RBW, Detector = Peak.
- Trace mode = max hold.
- Sweep = auto couple.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission

4.7.5 Deviation from Test Standard

No deviation.

4.7.6 EUT Operating Condition

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.7.7 Test Results

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
144 (U-NII-3 Band)	5720	3.2	3.22	0.5	Pass
149	5745	16.32	16.36	0.5	Pass
157	5785	16.35	16.38	0.5	Pass
165	5825	16.33	16.38	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
144 (U-NII-3 Band)	5720	4.41	4.47	0.5	Pass
149	5745	18.82	18.72	0.5	Pass
157	5785	18.84	18.93	0.5	Pass
165	5825	18.63	18.84	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
142 (U-NII-3 Band)	5710	3.51	2.69	0.5	Pass
151	5755	36.97	35.3	0.5	Pass
159	5795	37.21	34.5	0.5	Pass

802.11ax (HE80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
138 (U-NII-3 Band)	5690	3.03	2.72	0.5	Pass
155	5775	75.49	75.39	0.5	Pass

802.11ax (RU26)

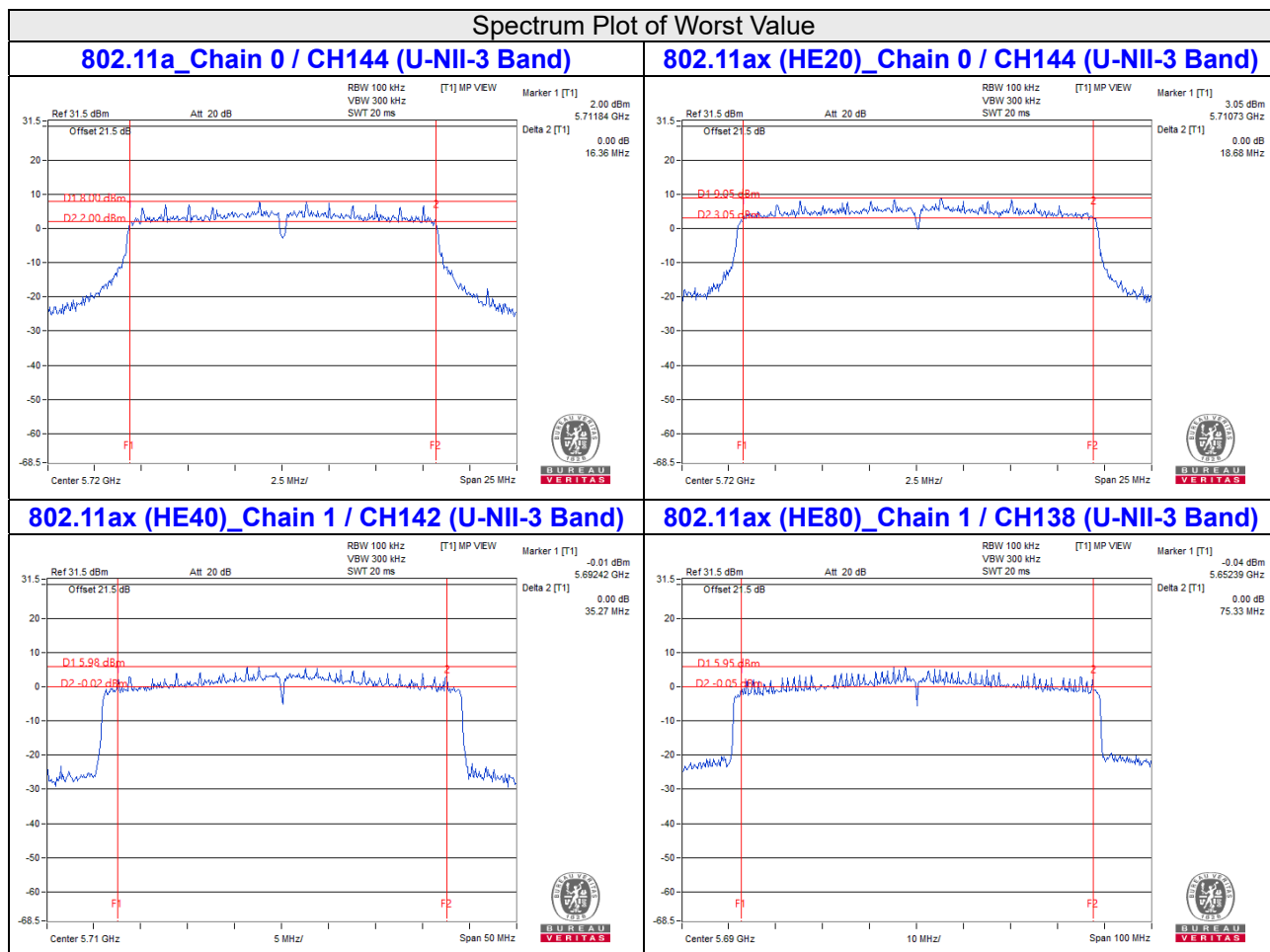
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	2.17	2.12	0.5	Pass
165	5825	2.15	2.13	0.5	Pass

802.11ax (RU52)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
165	5825	17.1	17.12	0.5	Pass

802.11ax (RU106)

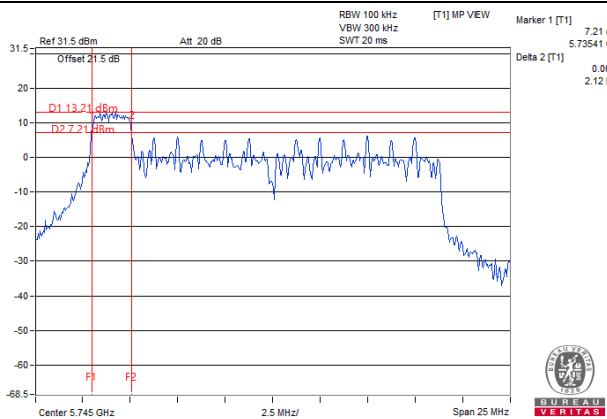
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	17.15	17.2	0.5	Pass
165	5825	17.21	17.2	0.5	Pass



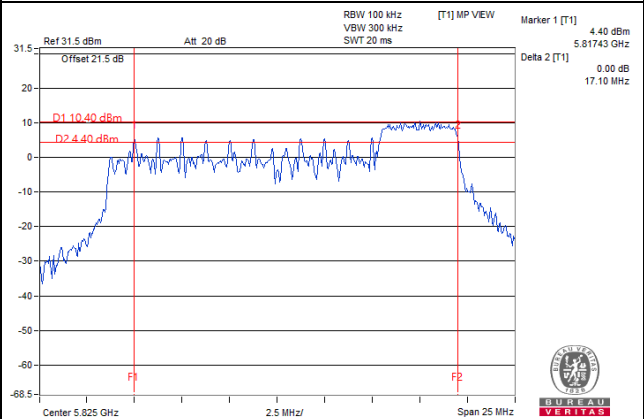
Note: The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

Spectrum Plot of Worst Value

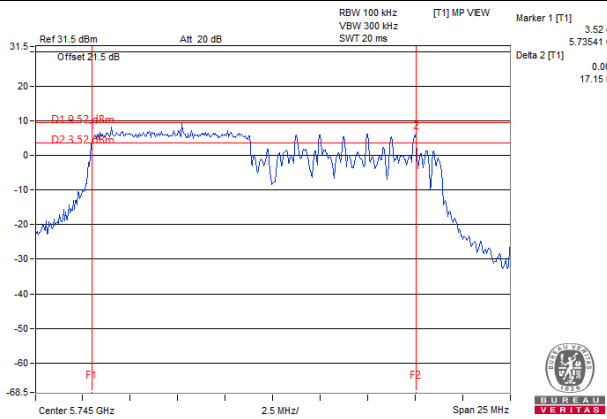
802.11ax (RU26)_Chain 1 / CH149



802.11ax (RU52)_Chain 0 / CH165



802.11ax (RU106)_Chain 0 / CH149

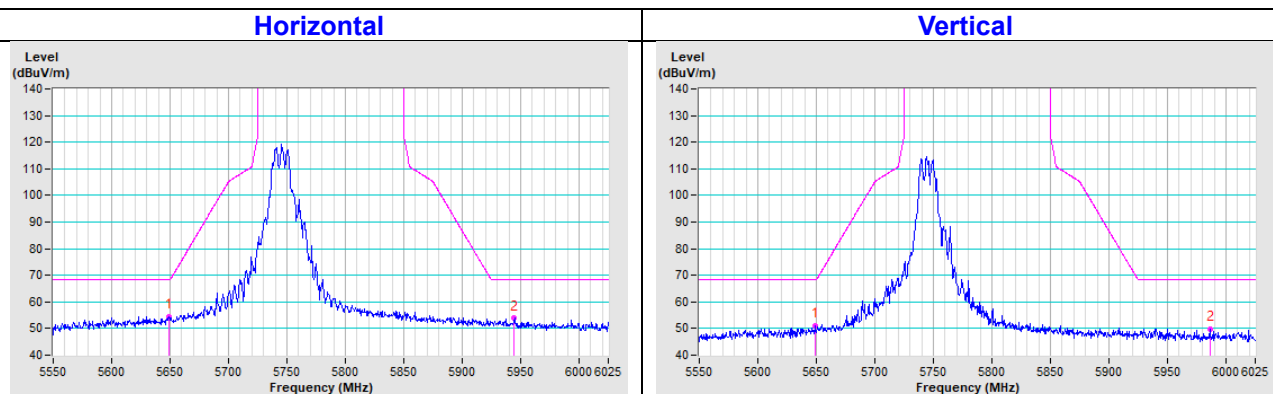


5 Pictures of Test Arrangements

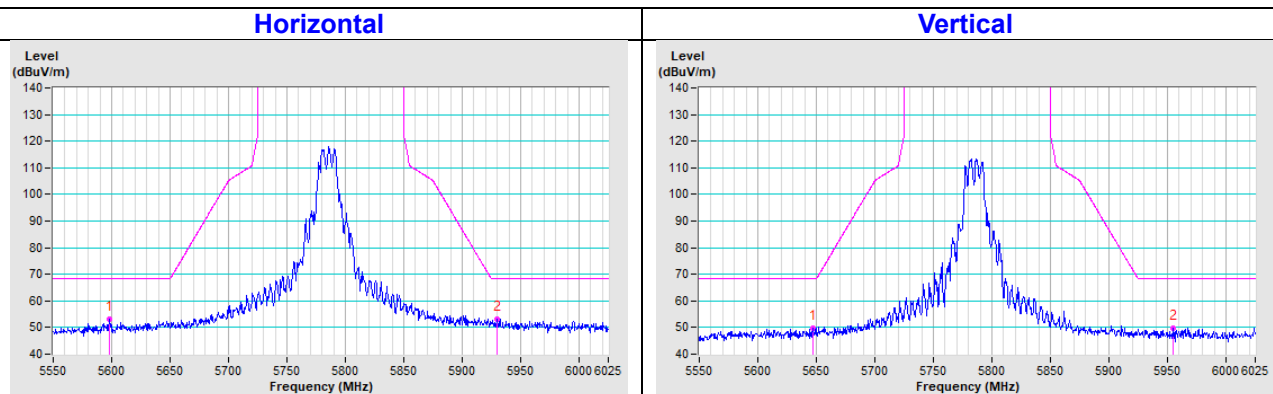
Please refer to the attached file (Test Setup Photo).

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

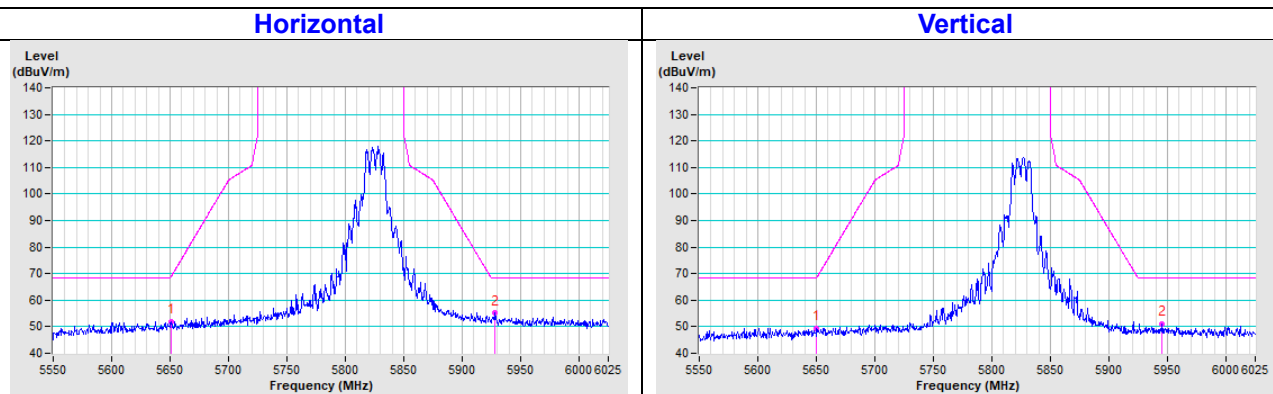
802.11a CH 149 : 5745 MHz



802.11a CH 157 : 5785 MHz

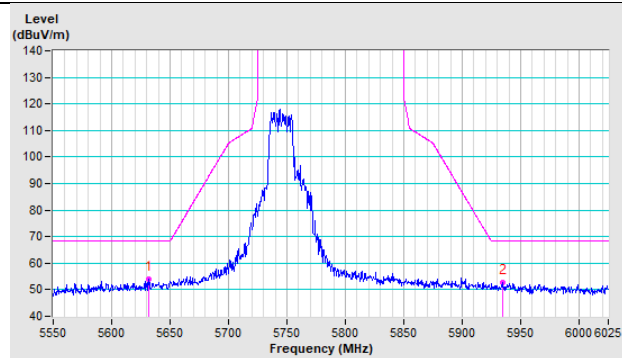


802.11a CH 165 : 5825 MHz

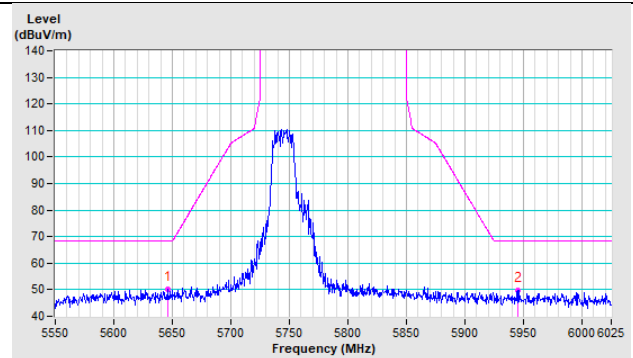


802.11ax (HE20) CH 149 : 5745 MHz

Horizontal

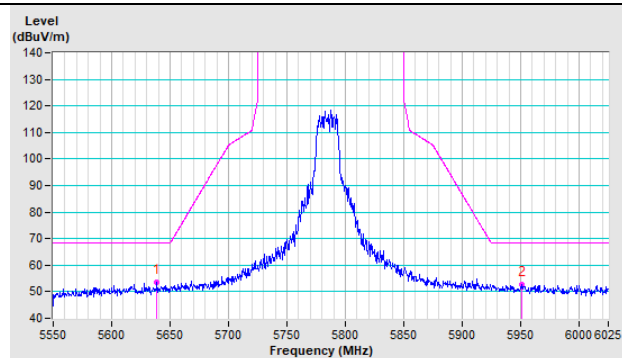


Vertical

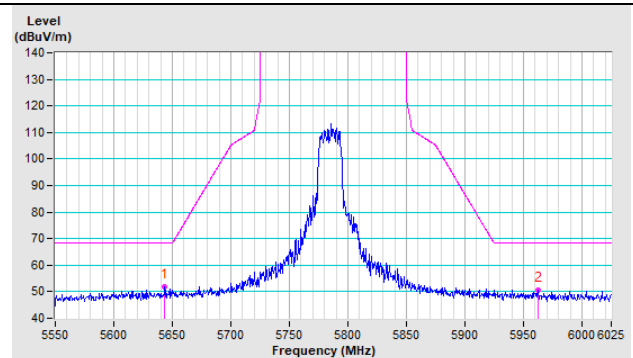


802.11ax (HE20) CH 157 : 5785 MHz

Horizontal

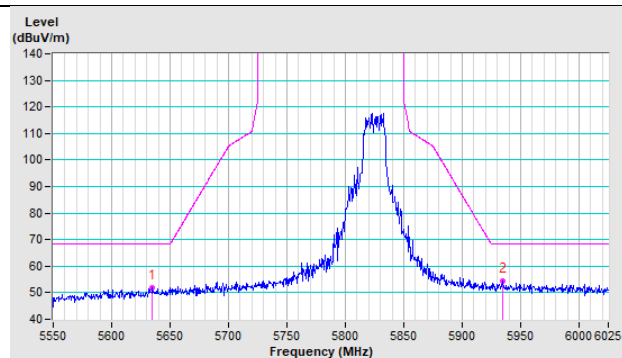


Vertical

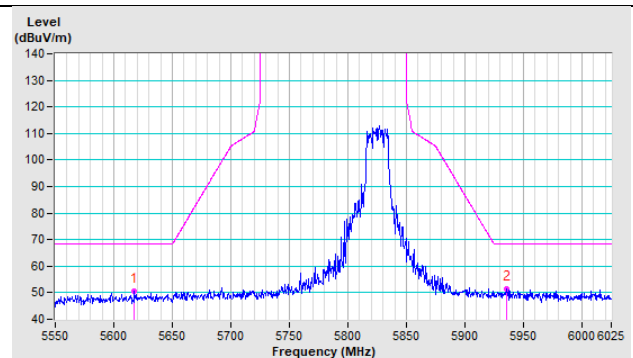


802.11ax (HE20) CH 165 : 5825 MHz

Horizontal

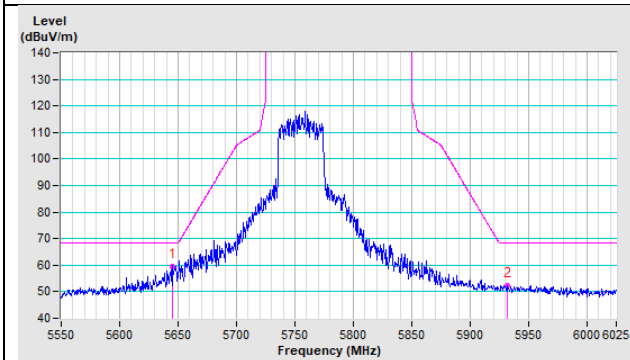


Vertical

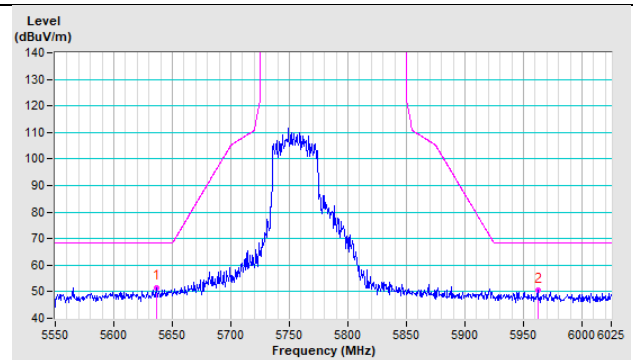


802.11ax (HE40) CH 151 : 5755 MHz

Horizontal

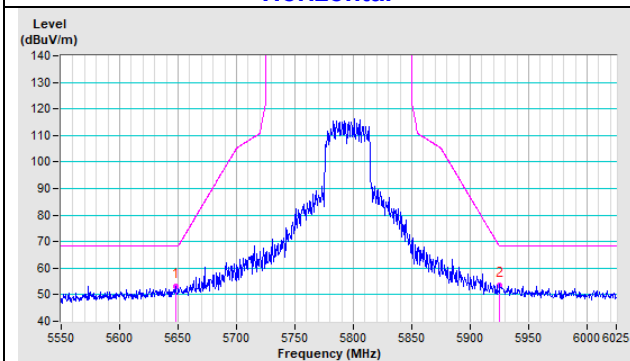


Vertical

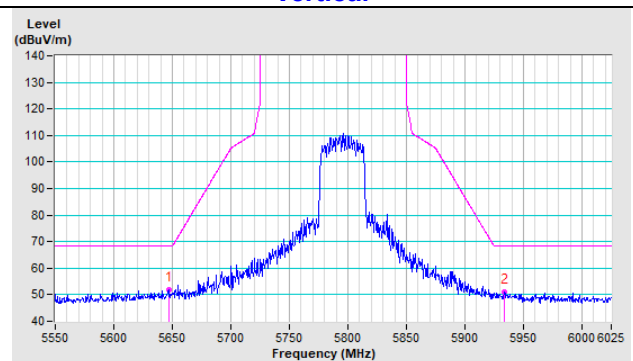


802.11ax (HE40) CH 159 : 5795 MHz

Horizontal

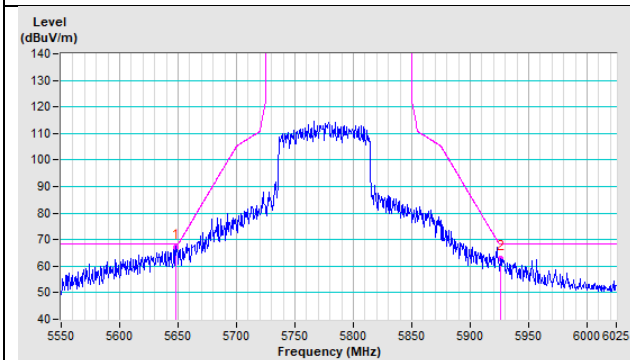


Vertical

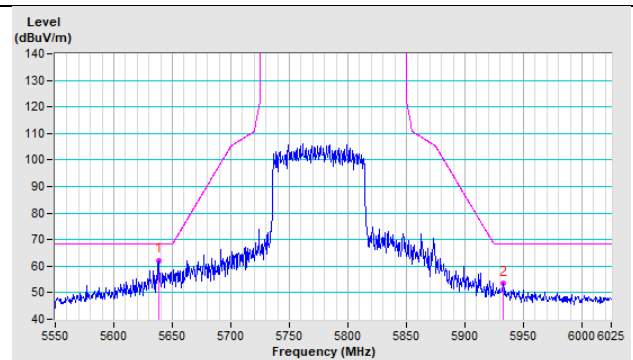


802.11ax (HE80) CH 155 : 5775 MHz

Horizontal

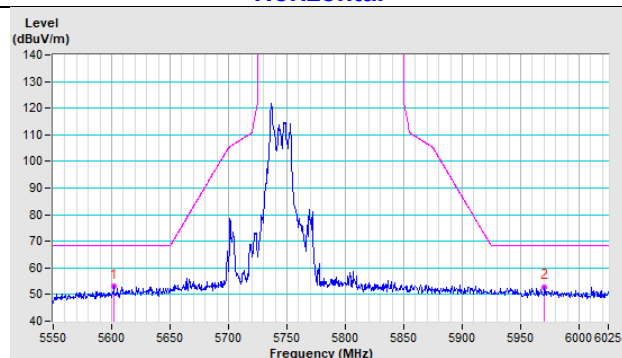


Vertical

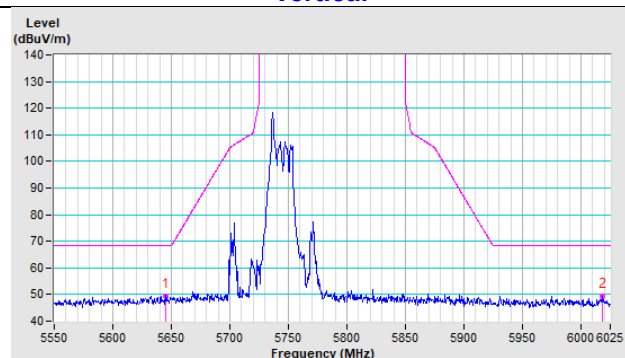


20MHz Preamble 802.11ax (RU26) CH 149 : 5745 MHz

Horizontal

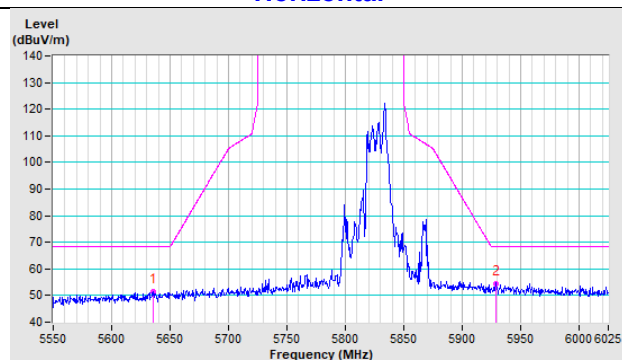


Vertical

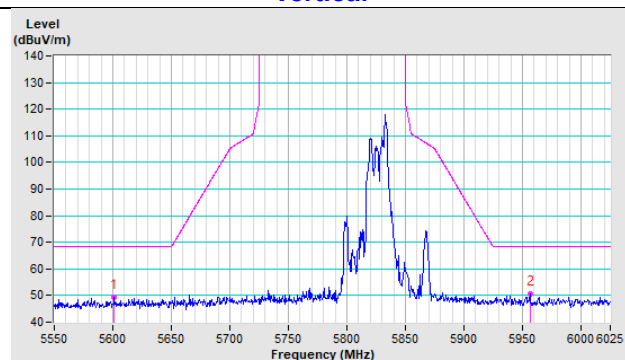


20MHz Preamble 802.11ax (RU26) CH 165 : 5825 MHz

Horizontal

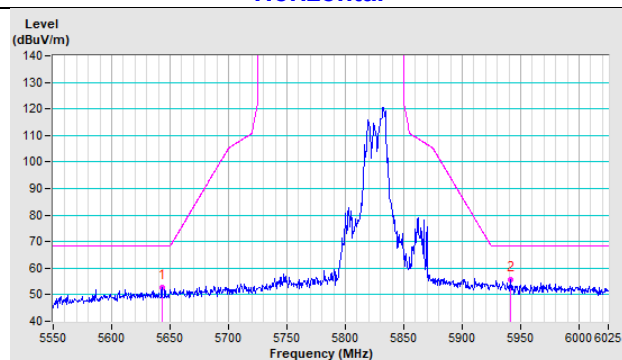


Vertical

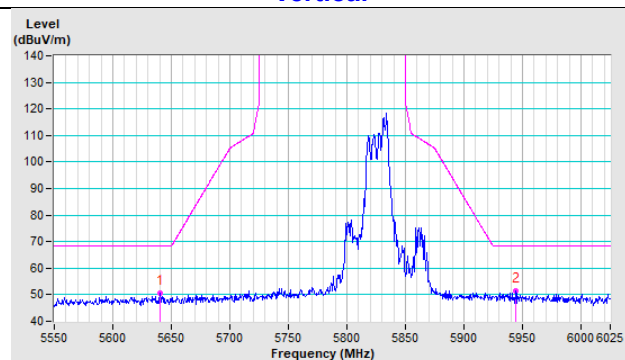


20MHz Preamble 802.11ax (RU52) CH 165 : 5825 MHz

Horizontal

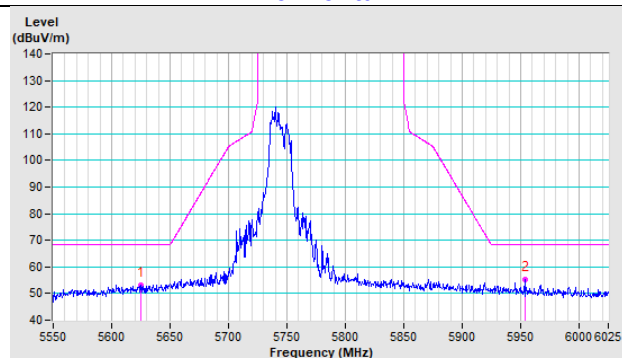


Vertical

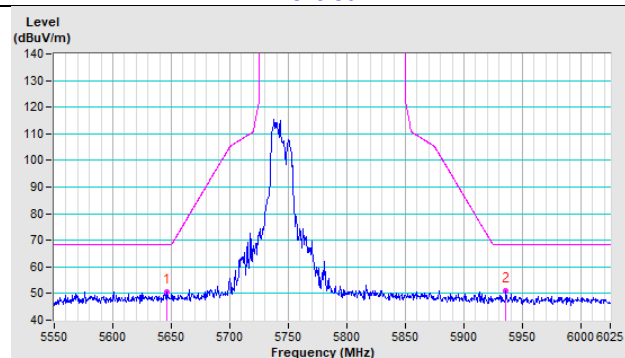


20MHz Preamble 802.11ax (RU106) CH 149 : 5745 MHz

Horizontal

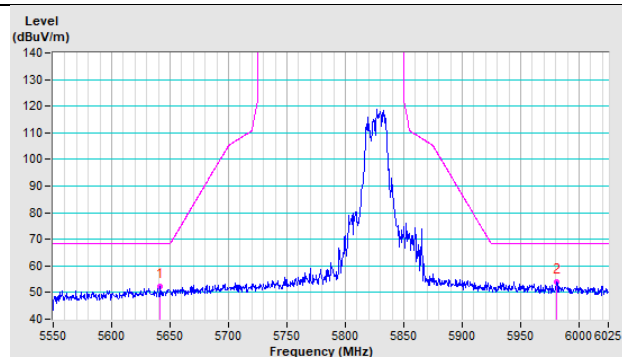


Vertical

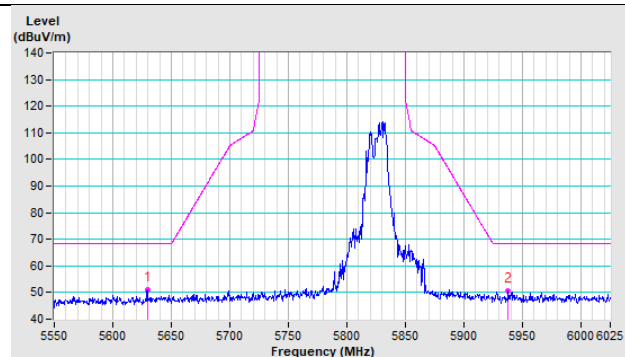


20MHz Preamble 802.11ax (RU106) CH 165 : 5825 MHz

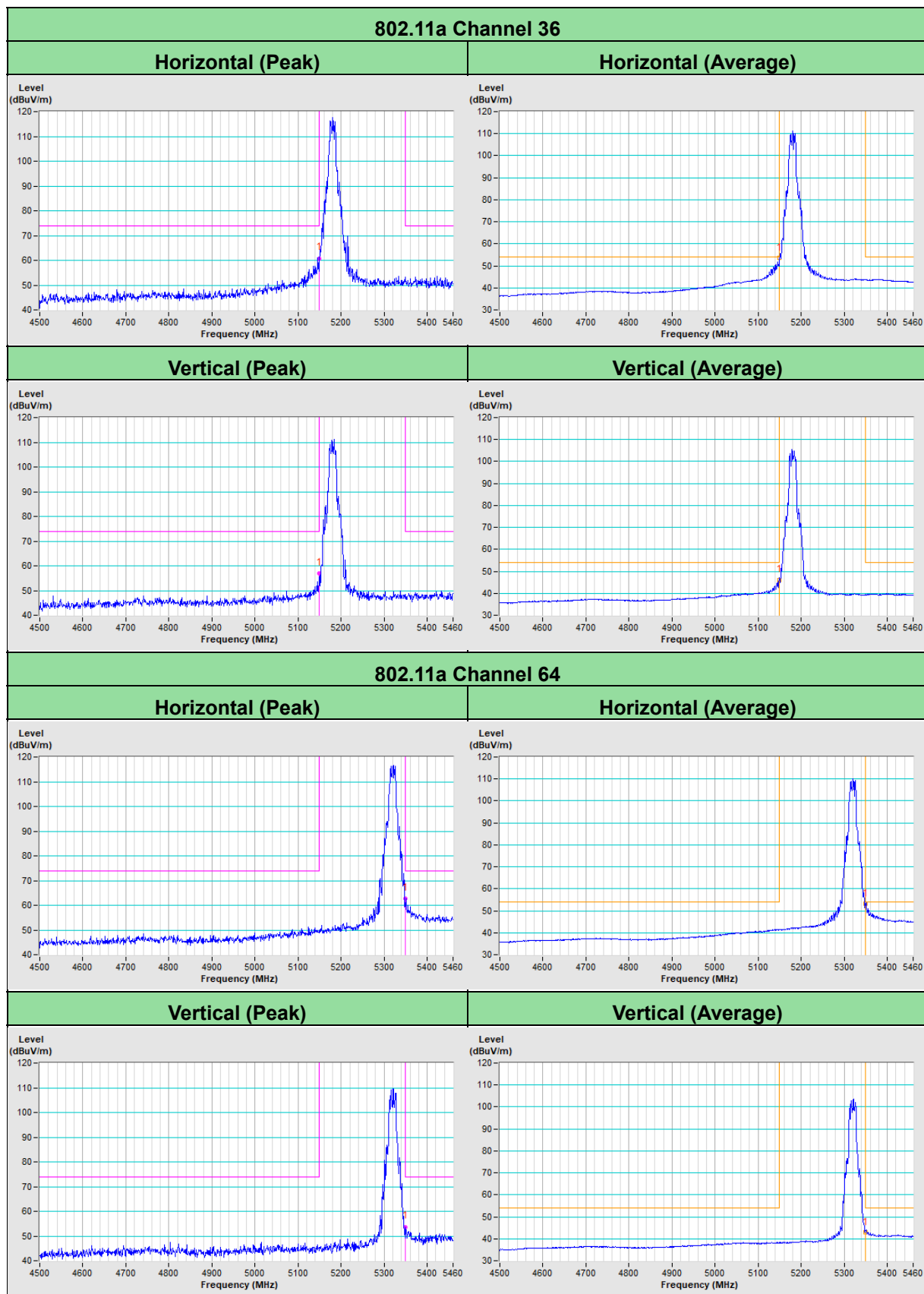
Horizontal

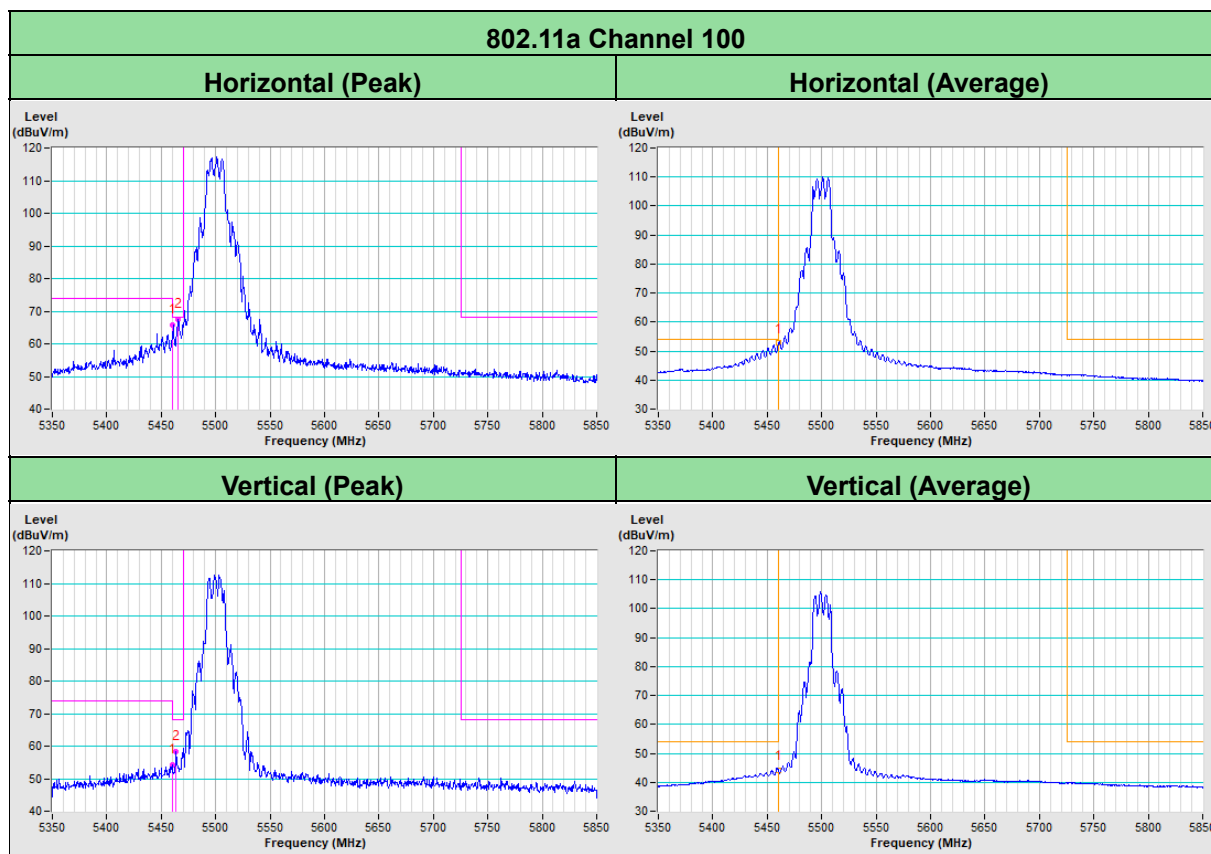


Vertical



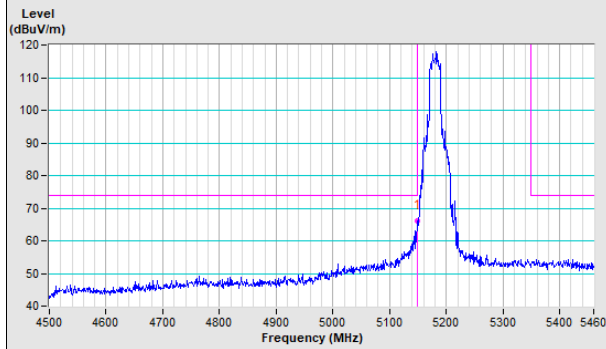
Annex B - Band-Edge Measurement (For U-NII-1, U-NII-2A, U-NII-2C band)



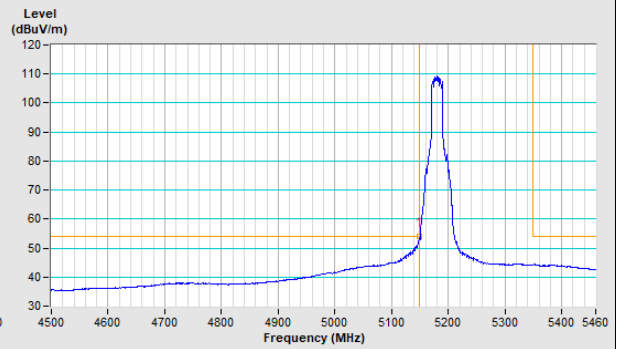


802.11ax (HE20) Channel 36

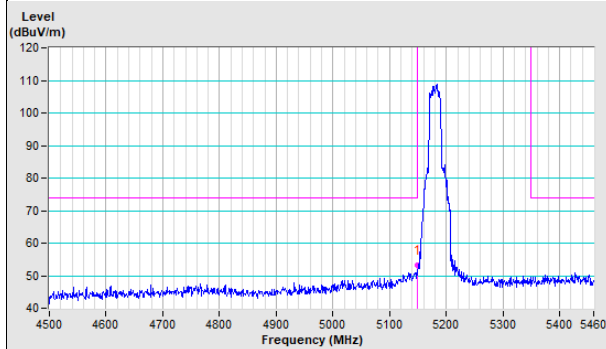
Horizontal (Peak)



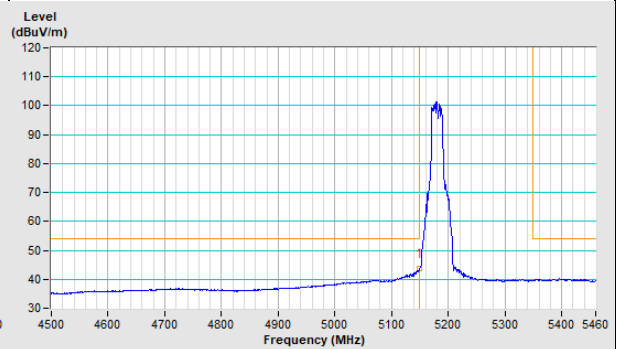
Horizontal (Average)



Vertical (Peak)

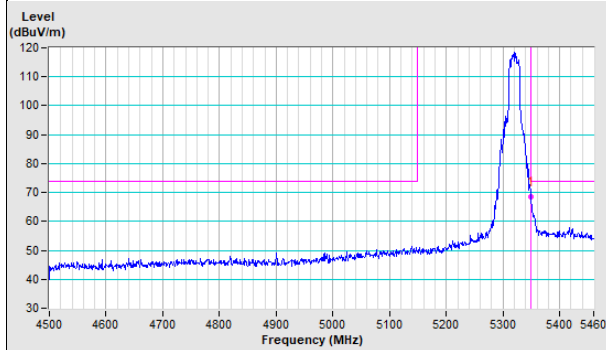


Vertical (Average)

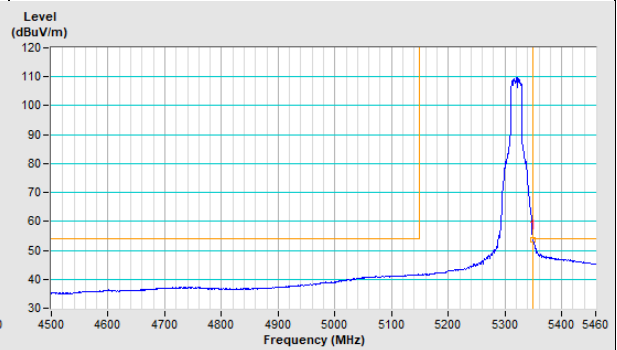


802.11ax (HE20) Channel 64

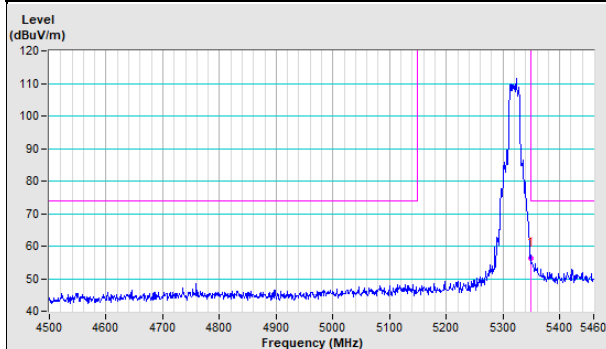
Horizontal (Peak)



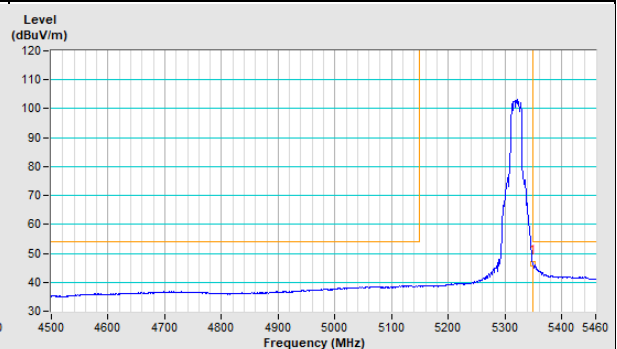
Horizontal (Average)

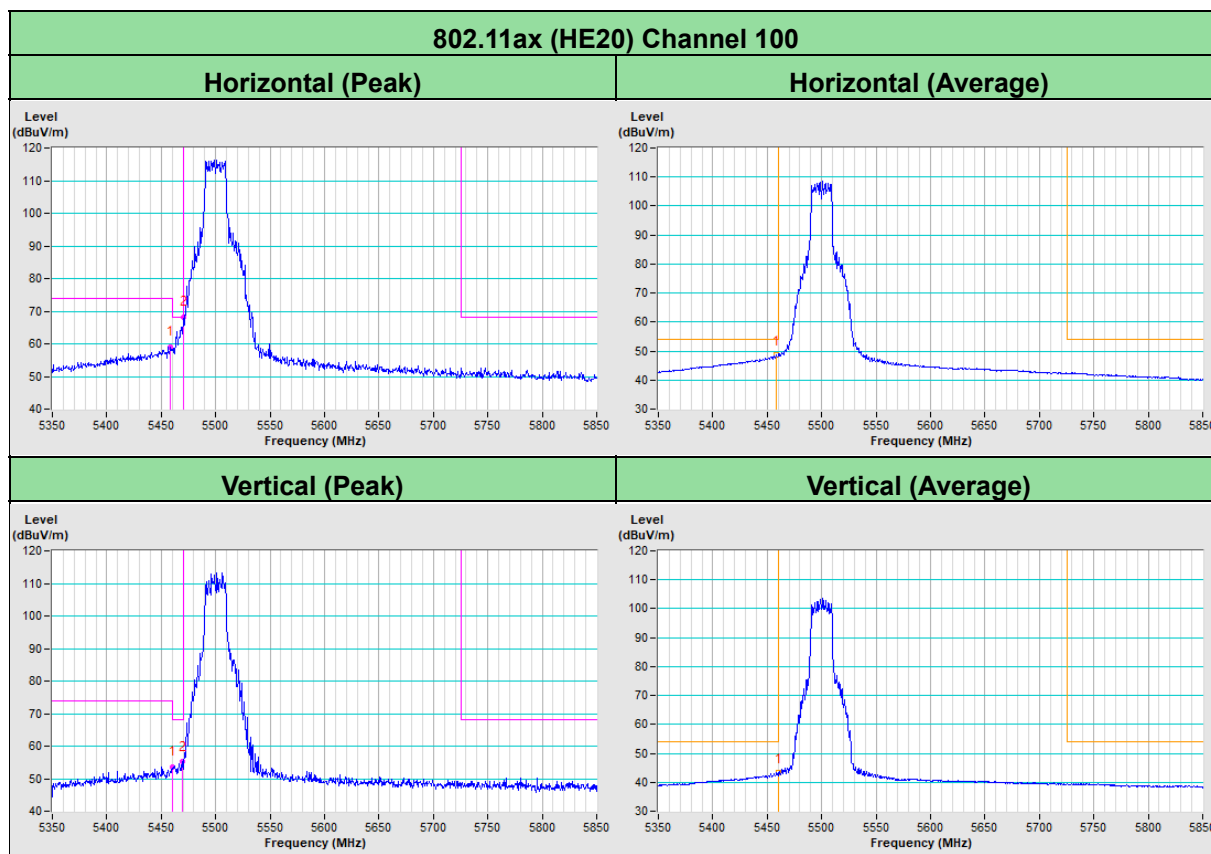


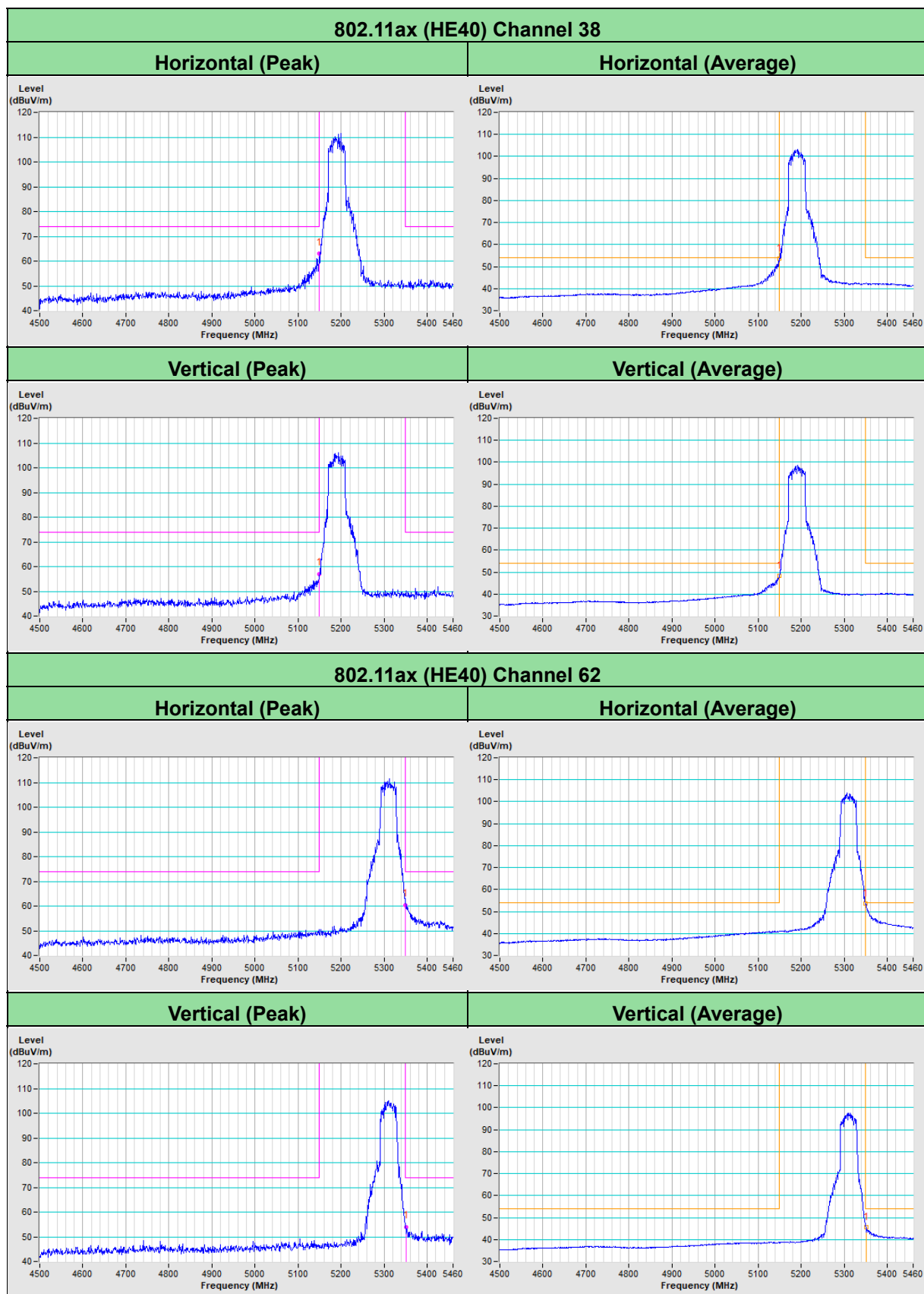
Vertical (Peak)

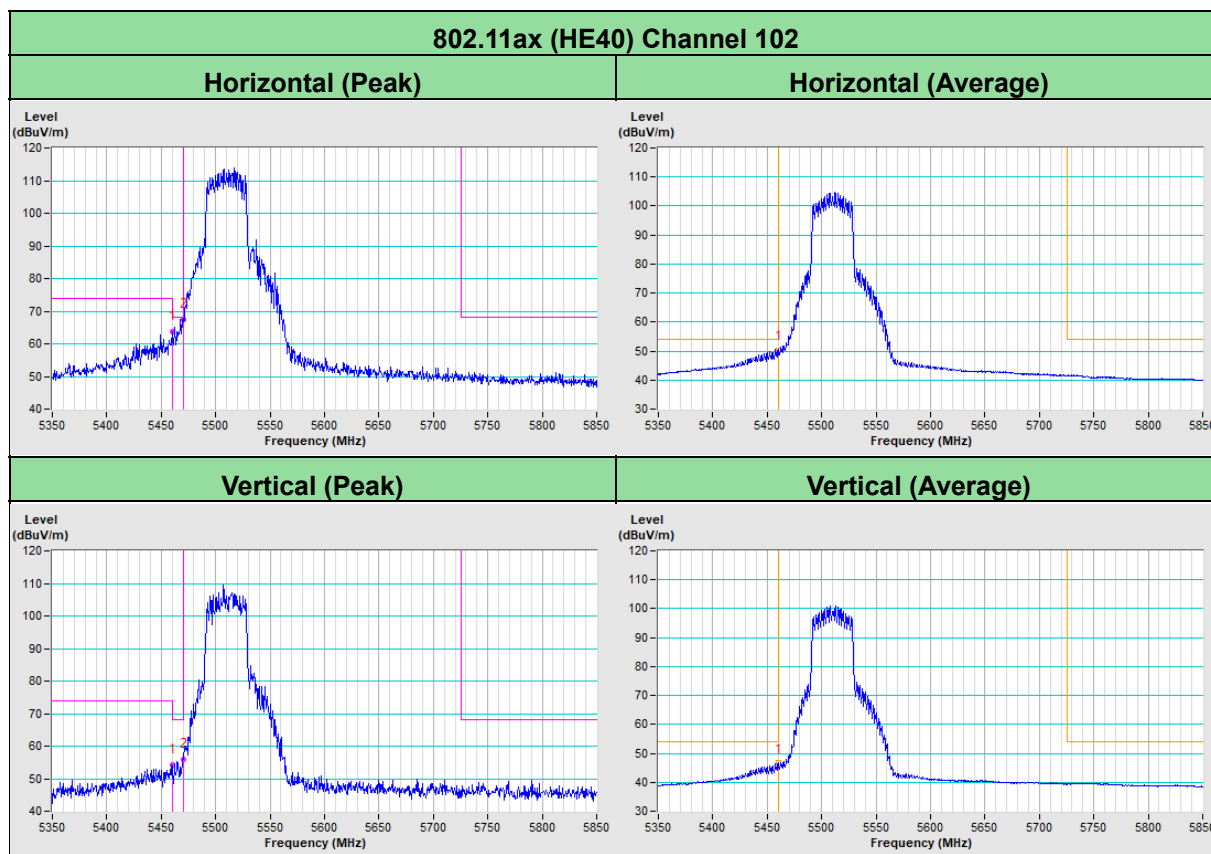


Vertical (Average)



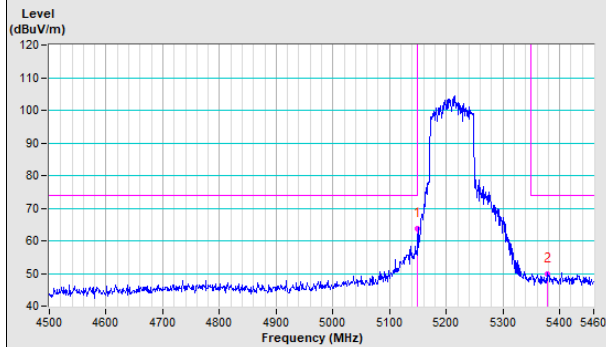




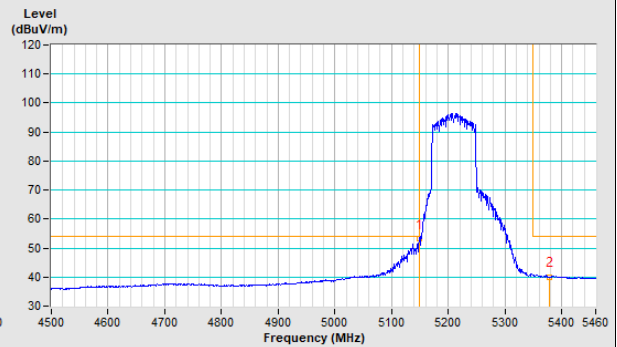


802.11ax (HE80) Channel 42

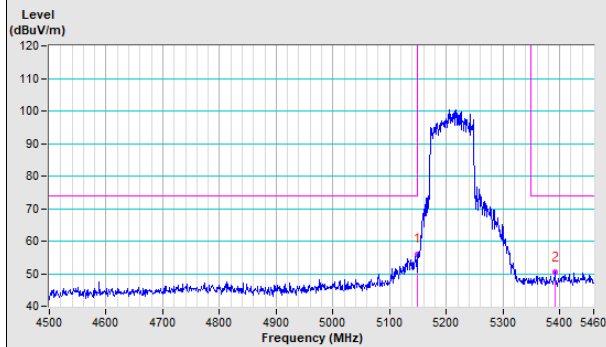
Horizontal (Peak)



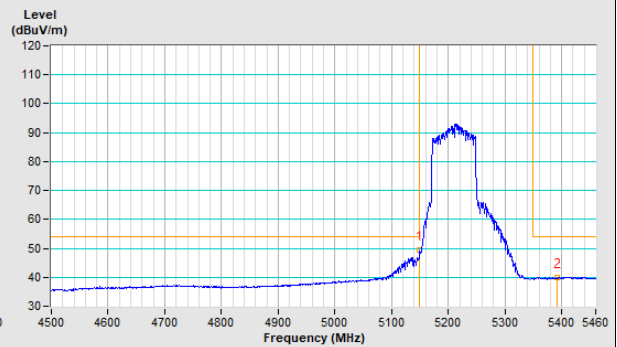
Horizontal (Average)



Vertical (Peak)

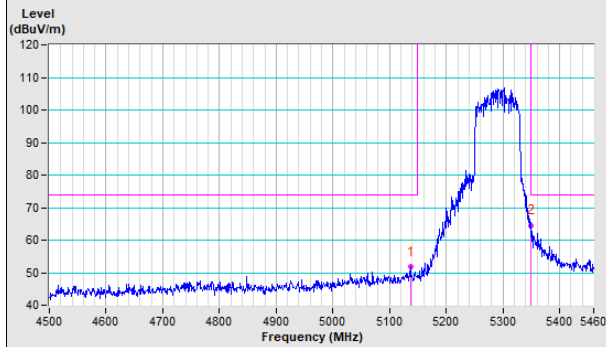


Vertical (Average)

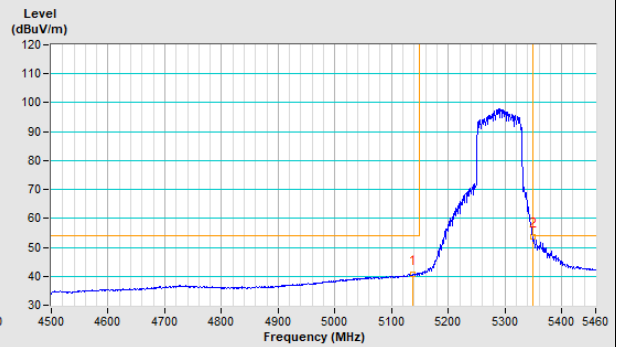


802.11ax (HE80) Channel 58

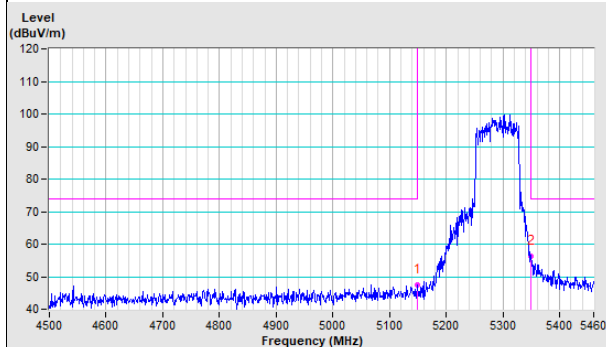
Horizontal (Peak)



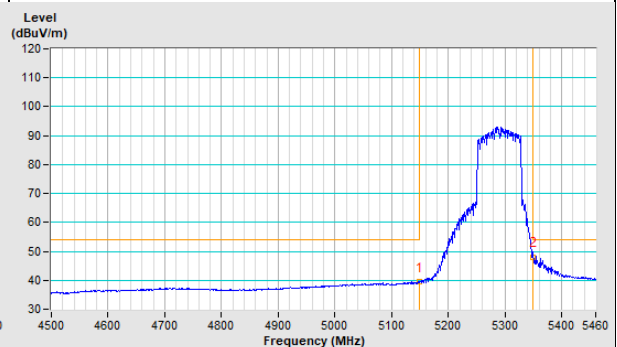
Horizontal (Average)

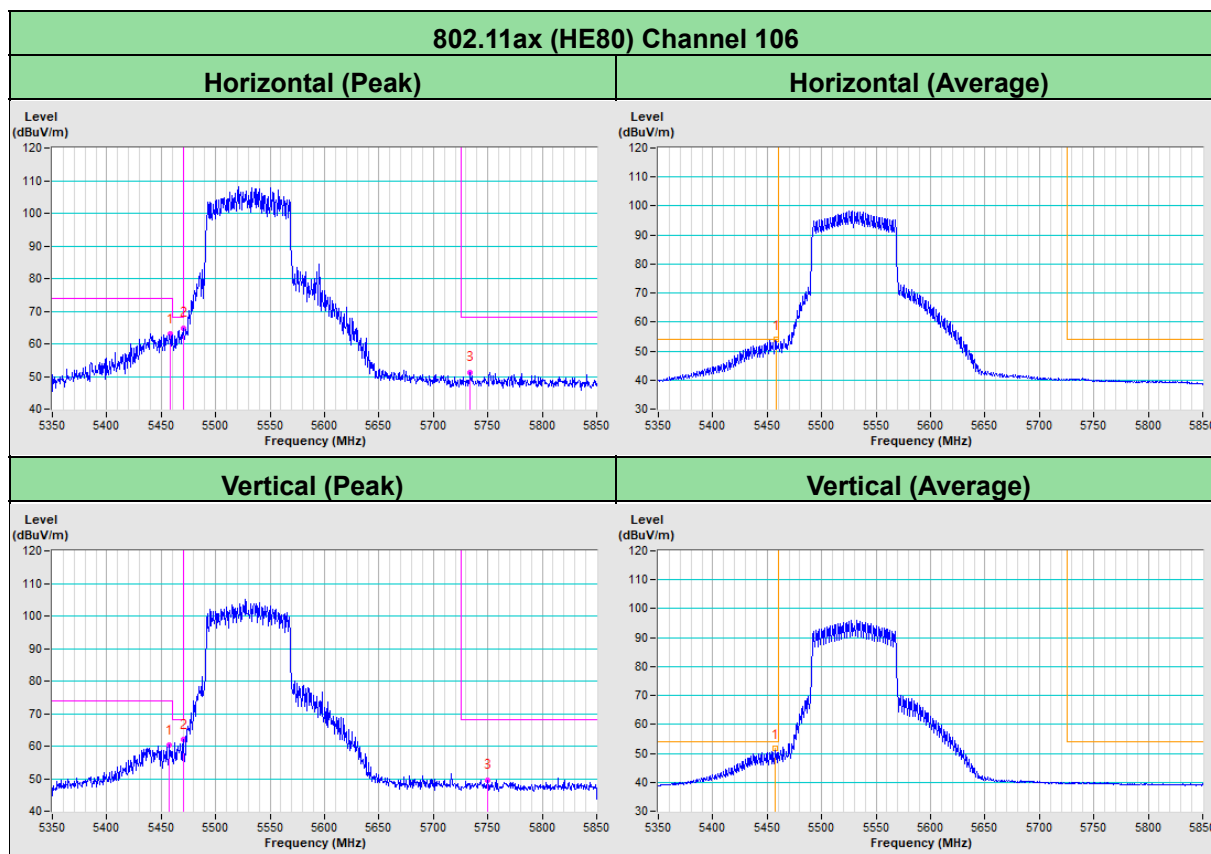


Vertical (Peak)



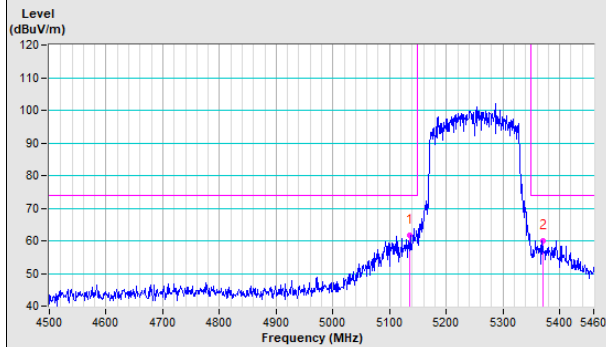
Vertical (Average)



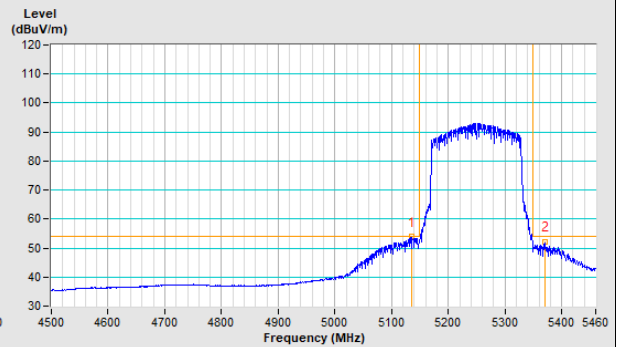


802.11ax (HE160) Channel 50

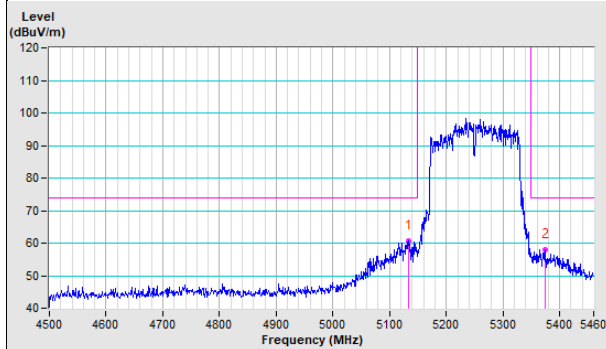
Horizontal (Peak)



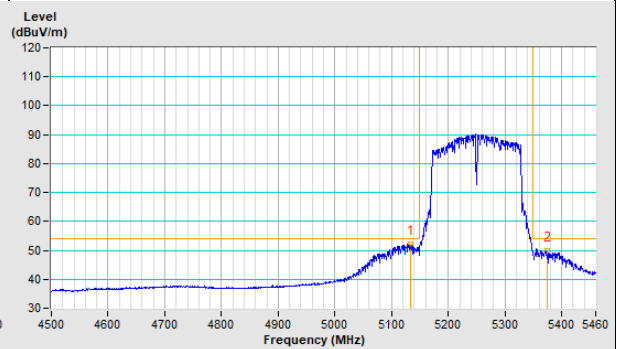
Horizontal (Average)



Vertical (Peak)

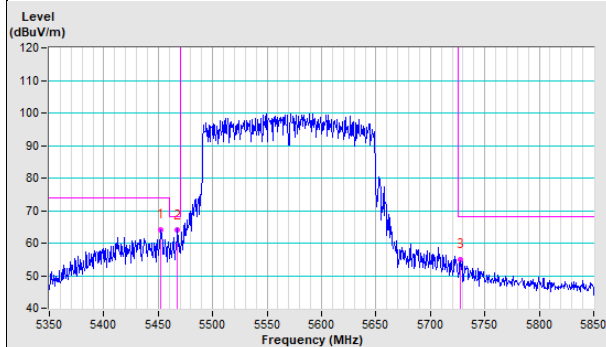


Vertical (Average)

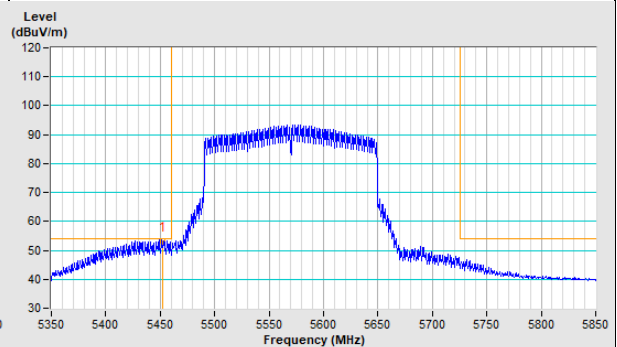


802.11ax (HE160) Channel 114

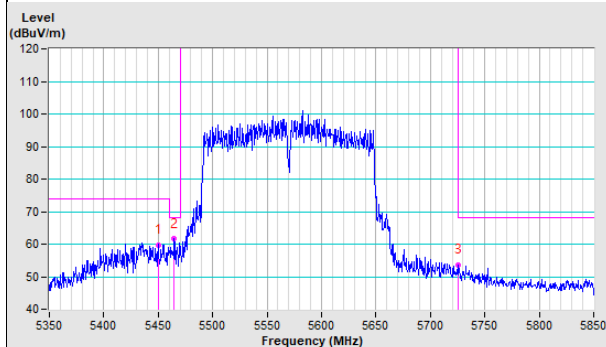
Horizontal (Peak)



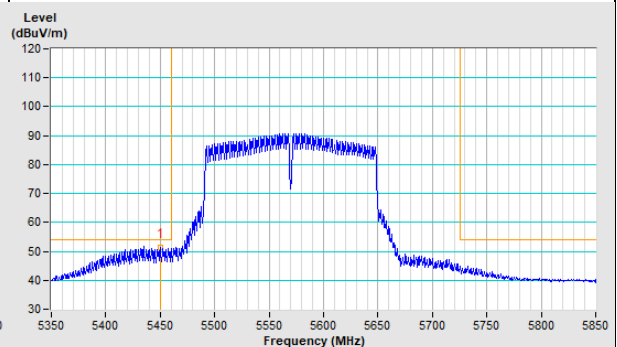
Horizontal (Average)



Vertical (Peak)

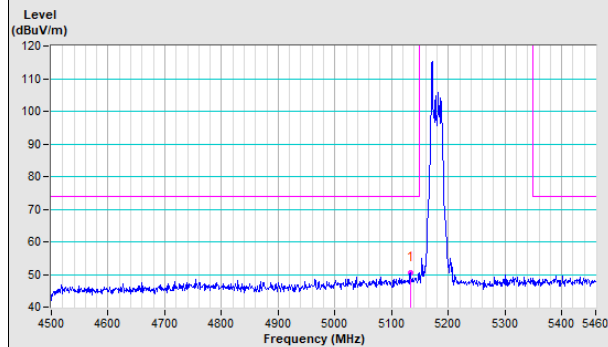


Vertical (Average)

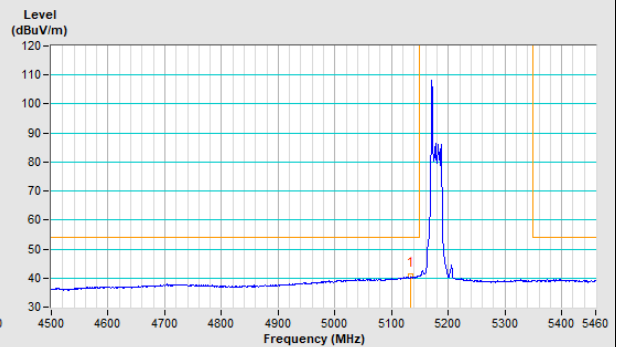


20MHz Preamble 802.11ax (RU26) Channel 36

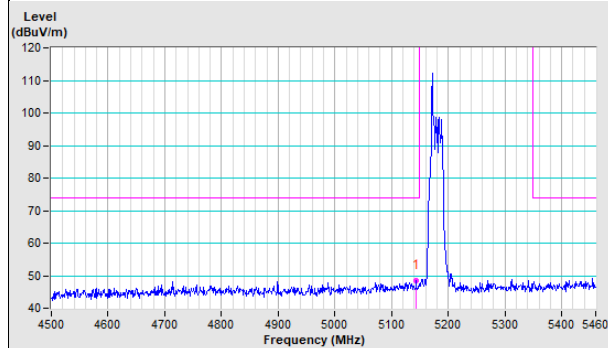
Horizontal (Peak)



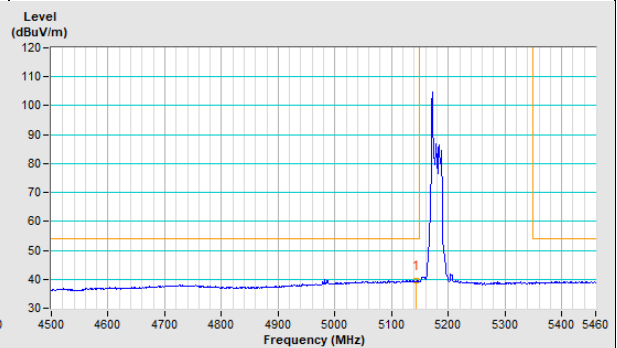
Horizontal (Average)



Vertical (Peak)

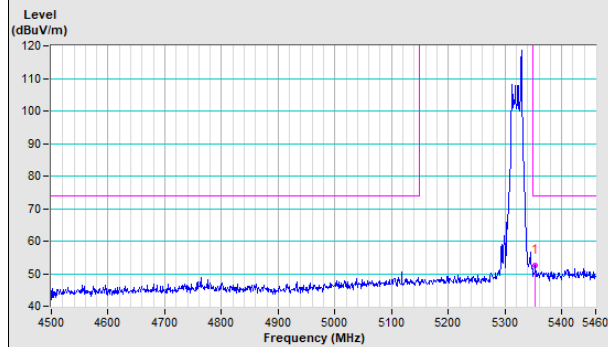


Vertical (Average)

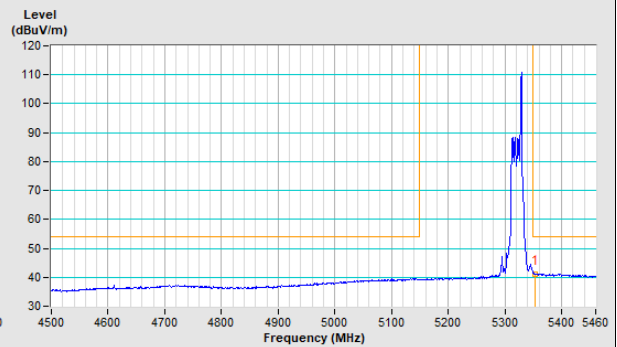


20MHz Preamble 802.11ax (RU26) Channel 64

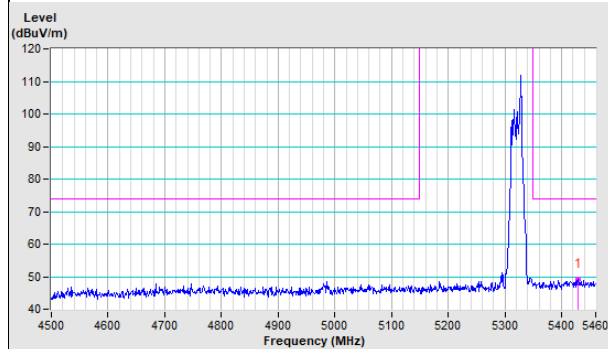
Horizontal (Peak)



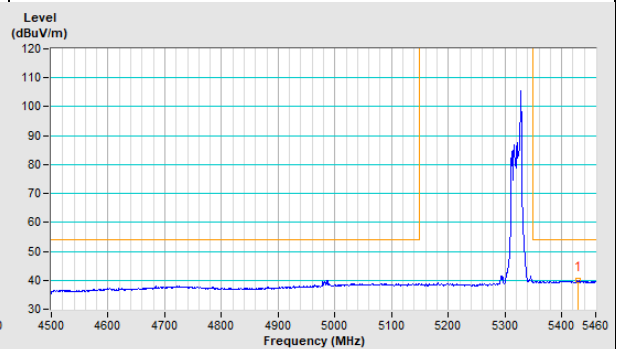
Horizontal (Average)

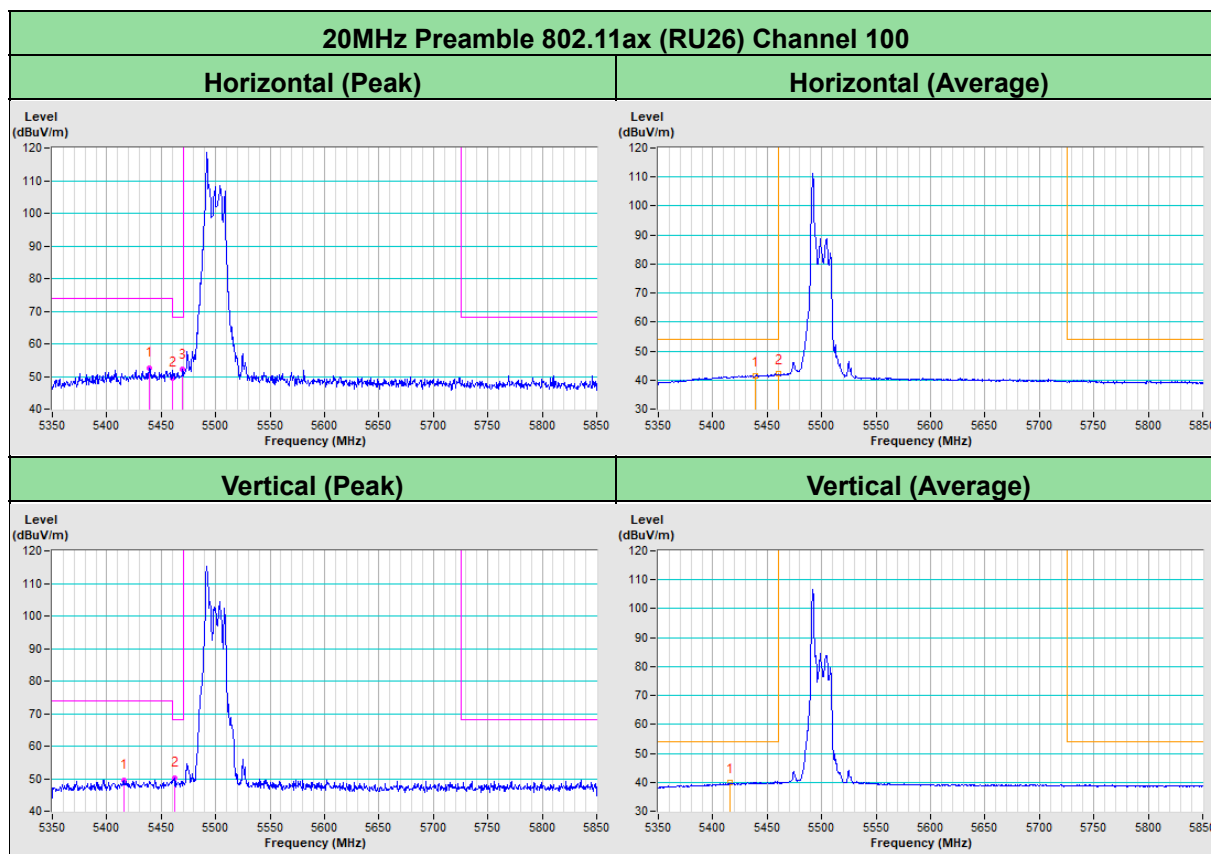


Vertical (Peak)



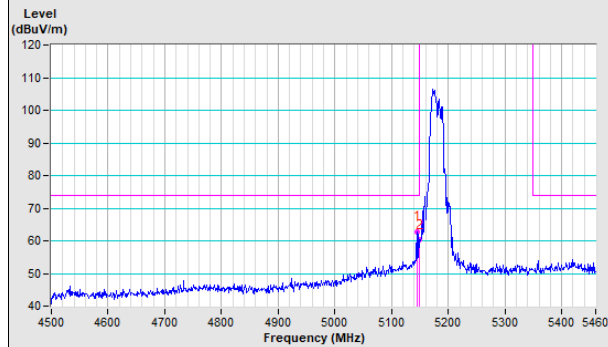
Vertical (Average)



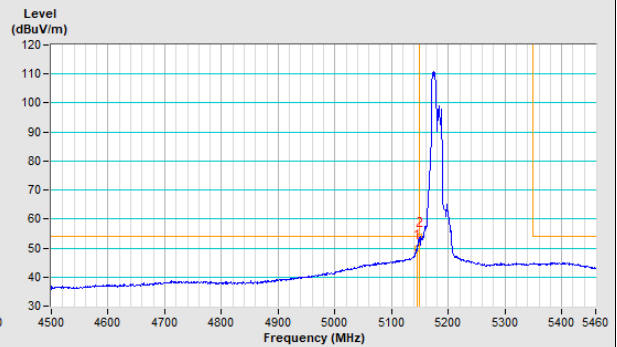


40MHz Preamble 802.11ax (RU106) Channel 36

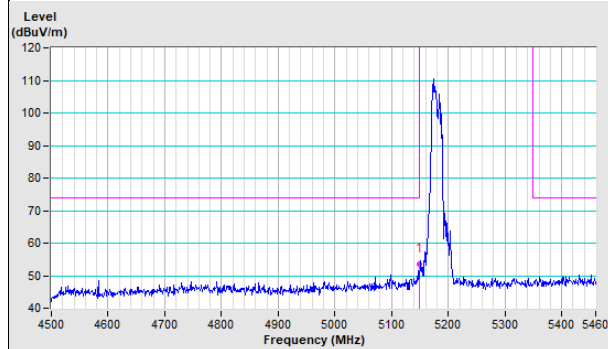
Horizontal (Peak)



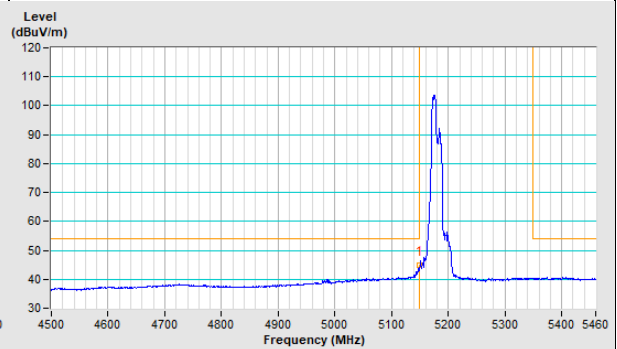
Horizontal (Average)



Vertical (Peak)

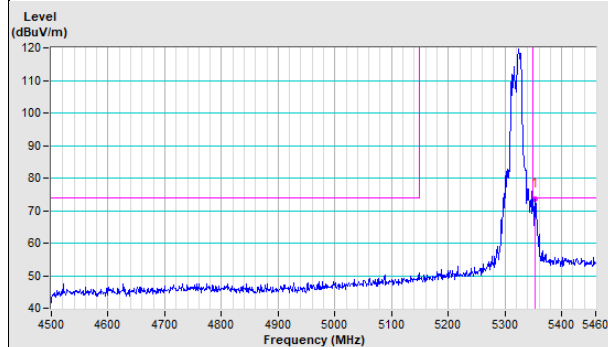


Vertical (Average)

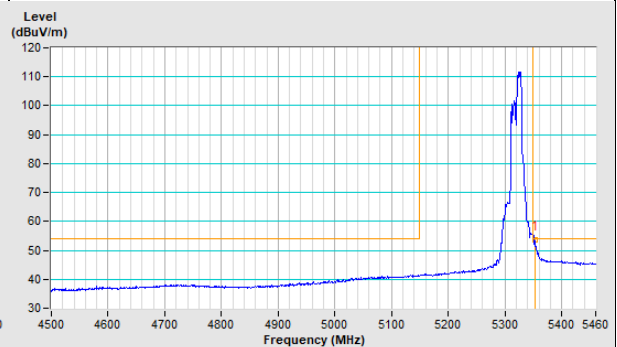


40MHz Preamble 802.11ax (RU106) Channel 64

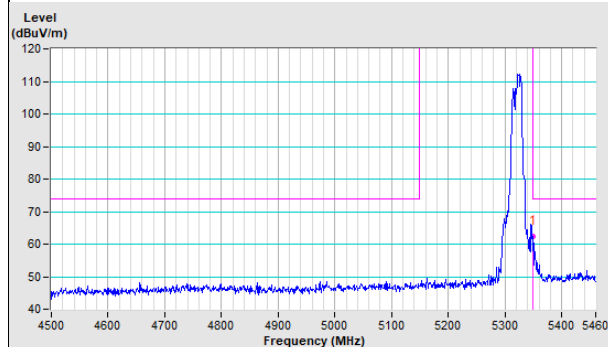
Horizontal (Peak)



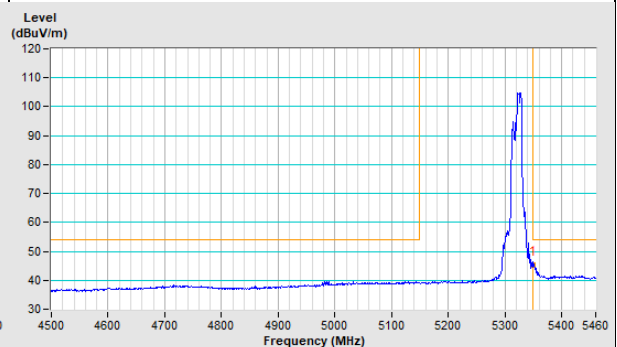
Horizontal (Average)

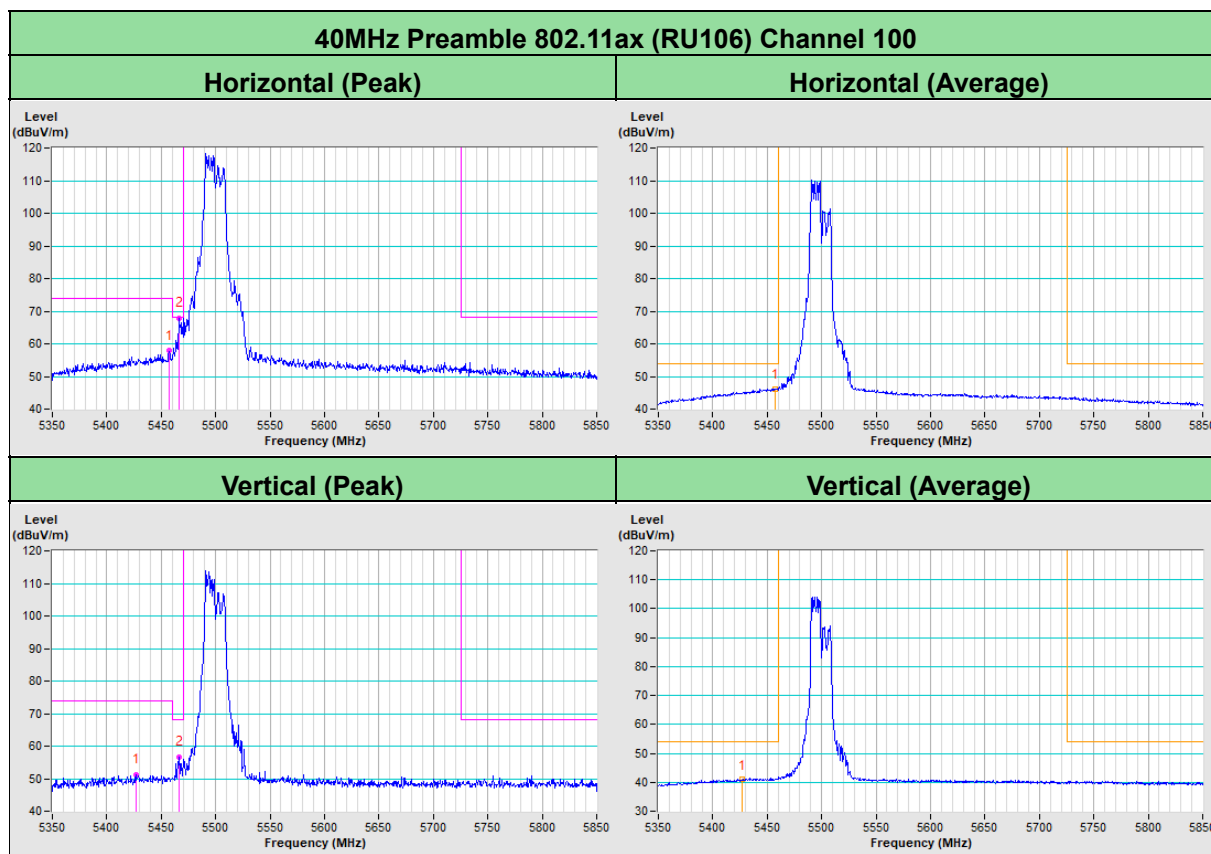


Vertical (Peak)



Vertical (Average)





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 according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Email: service.adt@tw.bureauveritas.com

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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