TEST REPORT

CERTIFICATE OF CONFORMITY

Standard:	**47 CFR FCC Part 15, Subpart E (Section 15.407)**
Report No.:	RFBARR-WTW-P22120081S-1
FCC ID:	RAS-MT7922A22M
Product:	2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card
Brand:	MediaTek
Model No.:	MT7922A22M
Received Date:	2024/9/26
Test Date:	2024/10/7 ~ 2024/11/7
Issued Date:	2024/11/28
Applicant:	MediaTek Inc.
Address:	No. 1, Dusing 1st Rd., Hsinchu Science Park, Hsinchu City, 30078 Taiwan
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
Test Location:	(1) No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, Taiwan (2) No. 70, Wenming Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)
FCC Registration / Designation Number:	(1) 788550 / TW0003 (2) 281270 / TW0032

Approved by: Jeremy Lin , **Date:** 2024/11/28

Jeremy Lin / Project Engineer

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Prepared by : Vera Huang / Specialist

Table of Contents

Release Control Record

Issue No.	Description	Date Issued
RFBARR-WTW-P22120081S-1	Original Release	2024/11/28

1 Certificate

Product:	2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card
Brand:	MediaTek
Test Model:	MT7922A22M
Sample Status:	Engineering sample
Applicant:	MediaTek Inc.
Test Date:	2024/10/7 ~ 2024/11/7
Standard:	47 CFR FCC Part 15, Subpart E (Section 15.407)
Measurement procedure:	ANSI C63.10-2013 KDB 789033 D02 General UNII Test Procedure New Rules v02r01

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

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Clause	Test Item	Result	Remark
15.407(a)(2)	26 dB Bandwidth	N/A	Refer to Note 1
15.407(a)(1) 15.407(a)(2) 15.407(a)(3)	RF Output Power	N/A	Refer to Note 1
15.407(a)(1) 15.407(a)(2) 15.407(a)(3)	Power Spectral Density	N/A	Refer to Note 1
15.407(e)	6 dB Bandwidth	N/A	Refer to Note 1
---	Occupied Bandwidth	N/A	Refer to Note 1
15.407(b)(9)	AC Power Conducted Emissions	Pass	Minimum passing margin is -14.12 dB at 0.17000 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -5.7 dB at 398.60 MHz
15.407(b) (1/10) 15.407(b) (2/10) 15.407(b) (3/10) 15.407(b) (4(i)/10)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.2 dB at 5150.00, 5350.00 and 11650.00 MHz
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF) / R-SMA / RP SMA PLUG / IPEX-4L / IPEX not a standard connector.

Notes:

1. Only AC power conducted emissions and unwanted emissions tests were performed for this addendum. Please refer to original report for others testing data.
2. 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:

Parameter	Specification	Uncertainty (±)
AC Power Conducted Emissions	9 kHz ~ 30 MHz	2.90 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	3 dB
	30 MHz ~ 1 GHz	2.93 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	1.76 dB
	18 GHz ~ 40 GHz	1.77 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description of EUT

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

Note:

1. This is a supplementary report of Report No.: RFBARR-WTW-P21030485L-5 and RFBARR-WTW-P21030485Z-5. The differences between them are as below information:
   - ◆ Add Monopole antennas (Refer to section 3.2)
2. According to above condition, only AC power conducted emissions and unwanted emissions tests were virified. And all data are verified to meet the requirements.
3. There are Bluetooth and WLAN (2.4GHz & 5GHz & 5.9GHz & 6GHz) technology used for the EUT.
4. The equipment supports 2 types of M.2 form factor A-E Key and E Key. E Key was selected as representative type for the test and its data was recorded in this report.
5. Simultaneously transmission condition.

Condition	Technology	
1	WLAN (5GHz)	Bluetooth
2	WLAN (6GHz)	Bluetooth
3	WLAN (5.9GHz)	Bluetooth
Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.		

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

3.2 Antenna Description of EUT

1. The following antennas were provided to the EUT. (New antenna is marked in gray.)

Ant. No.	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
1	Chain0	PSA	RFMTA340718 EMLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex (MHF)	200
	Chain1	PSA	RFMTA340718 EMLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex (MHF)	200
2	Chain0	PSA	RFMTA311020 EMMB301	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	RFMTA311020 EMMB301	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
3	Chain0	Cortec	AN2450-4902BRS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150
	Chain1	Cortec	AN2450-4902BRS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150
4	Chain0	VSO	JR2Q00340-1	1.62 3.2 3.93 3.61 3.61 3.14	2.4~2.4835 5.15~5.85 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Dipole	RP SMA PLUG	40
	Chain1	VSO	JR2Q00340-1	1.62 3.2 3.93 3.61 3.61 3.14	2.4~2.4835 5.15~5.85 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Dipole	RP SMA PLUG	40
5	Chain0	MSI	WA-P-LE-02-045 (Main)	2.24 2.68 3.01 -1.23 -1.96 -3.68	2.4~2.4835 5.15~5.895 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	PIFA	IPEX-4L	190
	Chain1	MSI	WA-P-LE-02-046 (Aux)	-2.96 1.16 0.99 -2.31 -2.54 -7.44	2.4~2.4835 5.15~5.895 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	PIFA	IPEX-4L	325
6	Chain0	PSA	RFPCA460632IMMB701	-13.2 -13.67 -13.67 -13.09	5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Dipole	IPEX	320
	Chain1	PSA	RFPCA460632IMMB701	-13.2 -13.67 -13.67 -13.09	5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Dipole	IPEX	320

Ant. No.	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
7	Chain0	PSA	RFMTA421230IMMB701	-13.92 -13.91 -13.91 -14.46	5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	PIFA	IPEX	300
	Chain1	PSA	RFMTA421230IMMB701	-13.92 -13.91 -13.91 -14.46	5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	PIFA	IPEX	300
8	Chain0	HongBo	260-25105	3.1 3.33 4.23 4.22 4.01 3.07	2.4~2.4835 5.15~5.895 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Monopole	ipex(MHF)	486
	Chain1	HongBo	260-25105	3.1 3.33 4.23 4.22 4.01 3.07	2.4~2.4835 5.15~5.895 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Monopole	ipex(MHF)	486
9	Chain0	HongBo	260-25106	4.91 4.73 4.29 4.58 4.09	5.15~5.895 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Monopole	ipex(MHF)	350
	Chain1	HongBo	260-25106	4.91 4.73 4.29 4.58 4.09	5.15~5.895 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Monopole	ipex(MHF)	350

* Antenna 9 was chosen for final test.

* Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

2. The EUT incorporates a MIMO function:

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

Note:

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

3.3 Channel List

For 5180 ~ 5320MHz:

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

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

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

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

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

Channel	Frequency	Channel	Frequency
42	5210MHz	58	5290MHz

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

Channel	Frequency
50	5250MHz

For 5500 ~ 5720MHz:

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

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

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

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

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

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

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

Channel	Frequency
114	5570MHz

For 5745 ~ 5825MHz:

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

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

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

Channel	Frequency	Channel	Frequency
151	5755MHz	159	5795MHz

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

Channel	Frequency
155	5775MHz

3.4 Test Mode Applicability and Tested Channel Detail

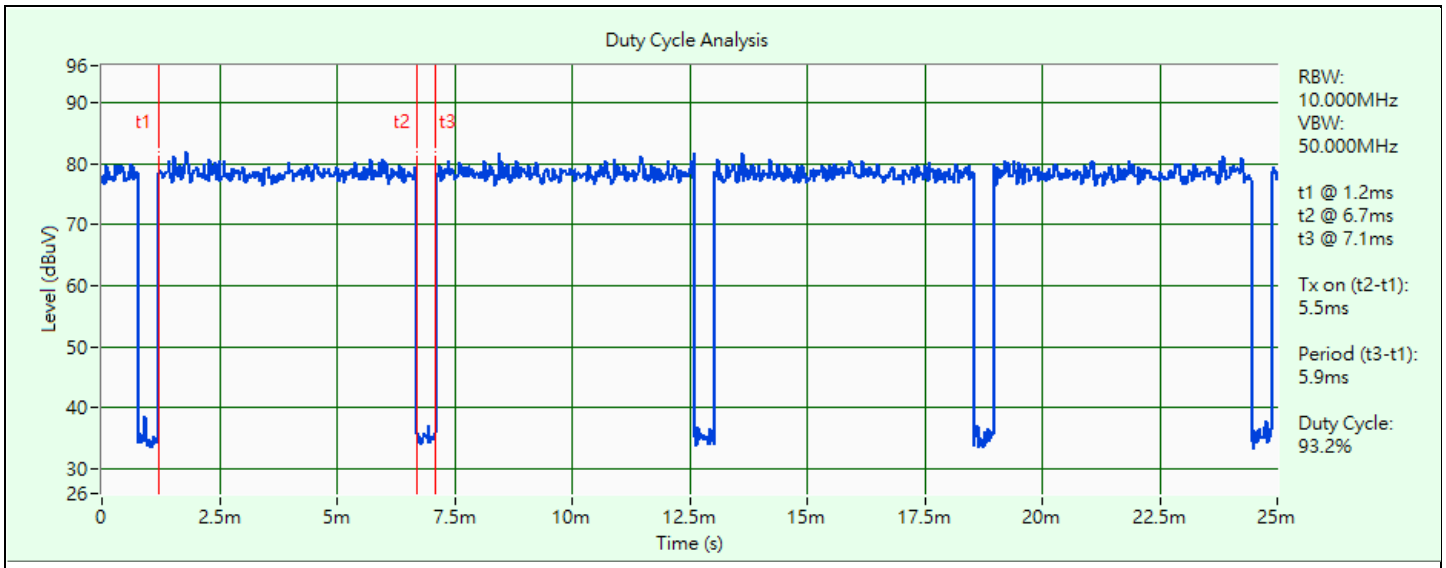
Pre-Scan:	1. EUT can be used in the following ways: X-axis / Y-axis / Z-axis. Pre-scan these ways and find the worst case as a representative test condition. 2. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). 3. The worst-case Partial RU modes across all supported bandwidth modes has been determined via pre-scan.
Worst Case:	1. EUT Worst Condition: Z-axis

Following channel(s) was (were) selected for the final test as listed below:

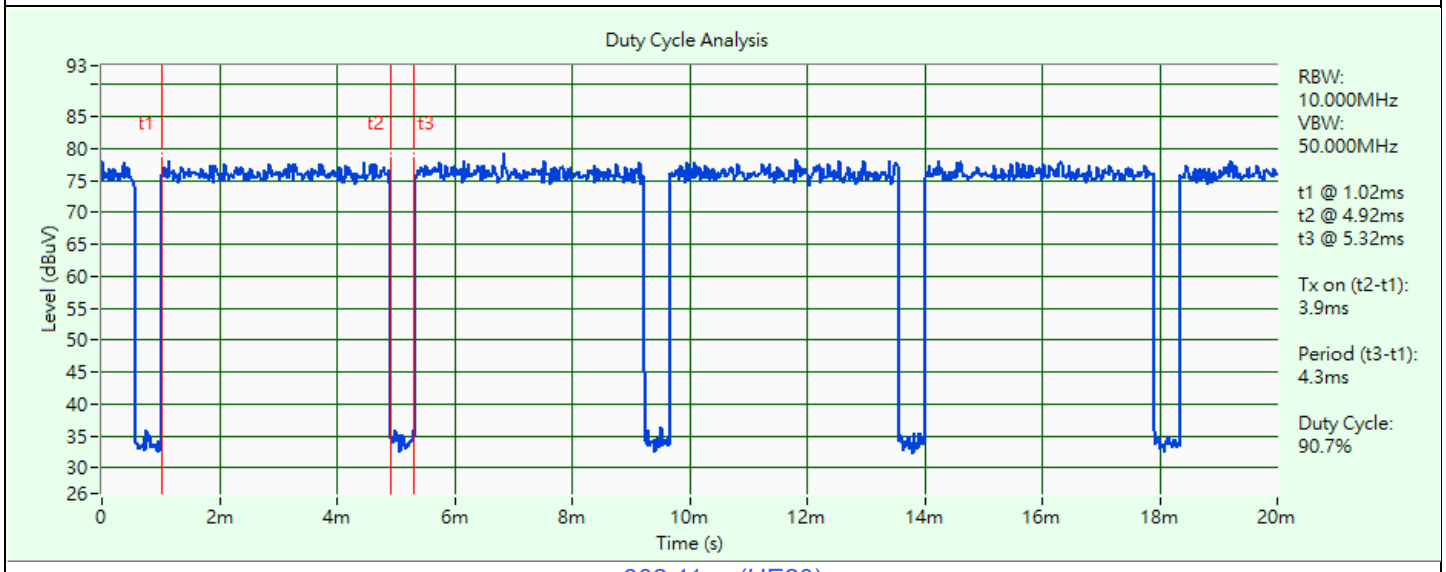
Test Item	Mode	Tested Channel	Modulation	Data Rate Parameter	RU/MRU Index
AC Power Conducted Emissions	802.11a	165	BPSK	6Mb/s	NA
Unwanted Emissions below 1 GHz	802.11a	165	BPSK	6Mb/s	NA
Unwanted Emissions above 1 GHz	802.11a	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s	NA
	802.11ax (HE20)	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	NA
	802.11ax (HE40)	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0	NA
	802.11ax (HE80)	42, 58, 106, 122, 138, 155	BPSK	MCS0	NA
	802.11ax (HE160)	50, 114	BPSK	MCS0	NA
	802.11ax (HE20) 26-tone RU	36, 64, 100, 140, 144, 149, 165	BPSK	MCS0	0, 8, 0, 8, 8, 0, 8
	802.11ax (HE20) 52-tone RU	36, 64, 100, 140, 144, 149, 165	BPSK	MCS0	37, 40, 37, 40, 40, 37, 40
	802.11ax (HE20) 106-tone RU	36, 64, 100, 140, 144, 149, 165	BPSK	MCS0	53, 54, 53, 54, 54, 53, 54

3.5 Duty Cycle of Test Signal

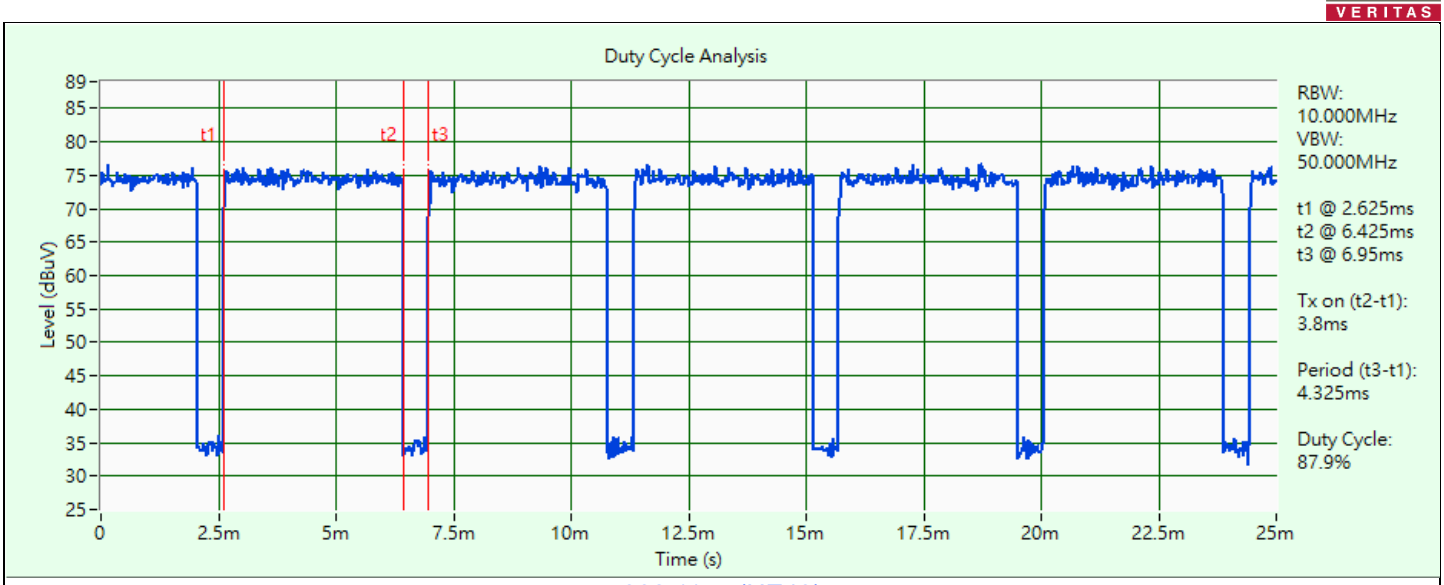
802.11a: Duty cycle = 5.5 ms / 5.9 ms x 100% = 93.2%, duty factor = 10 * log (1/Duty cycle) = 0.30 dB
802.11ax (HE20): Duty cycle = 3.9 ms / 4.3 ms x 100% = 90.7%, duty factor = 10 * log (1/Duty cycle) = 0.42 dB
802.11ax (HE40): Duty cycle = 3.8 ms / 4.325 ms x 100% = 87.9%, duty factor = 10 * log (1/Duty cycle) = 0.56 dB
802.11ax (HE80): Duty cycle = 1.86 ms / 2.4 ms x 100% = 77.5%, duty factor = 10 * log (1/Duty cycle) = 1.11 dB
802.11ax (HE160): Duty cycle = 0.97 ms / 1.52 ms x 100% = 63.8%, duty factor = 10 * log (1/Duty cycle) = 1.95 dB



802.11a



802.11ax (HE20)



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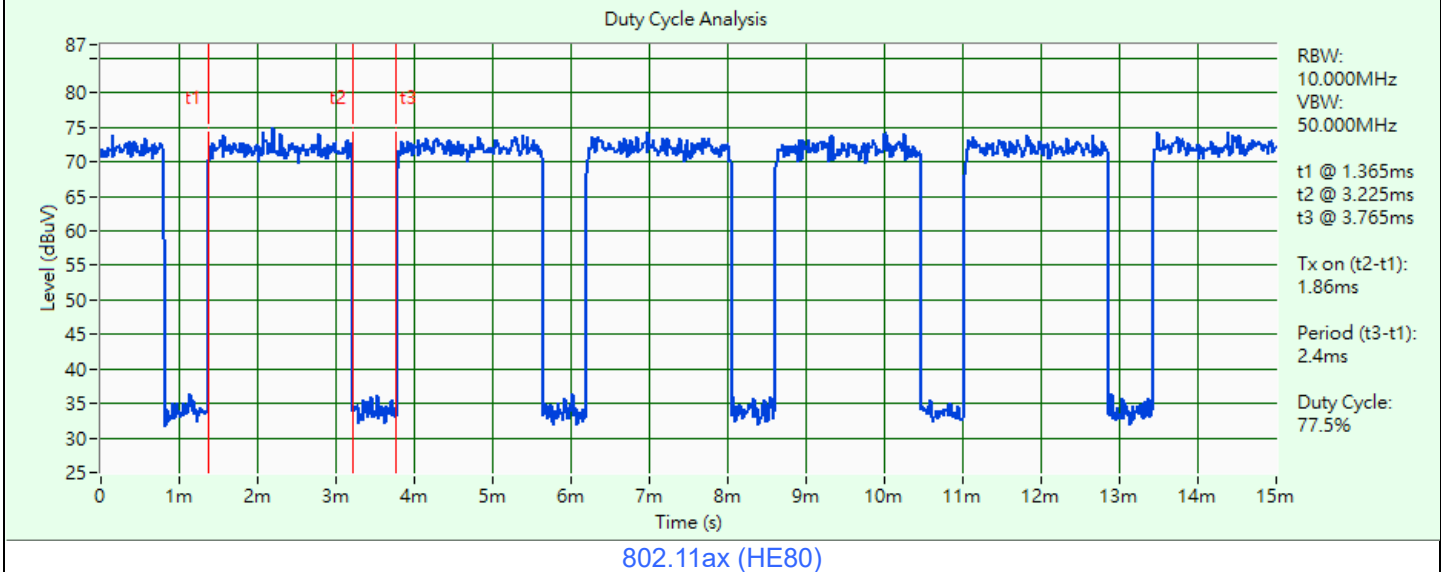

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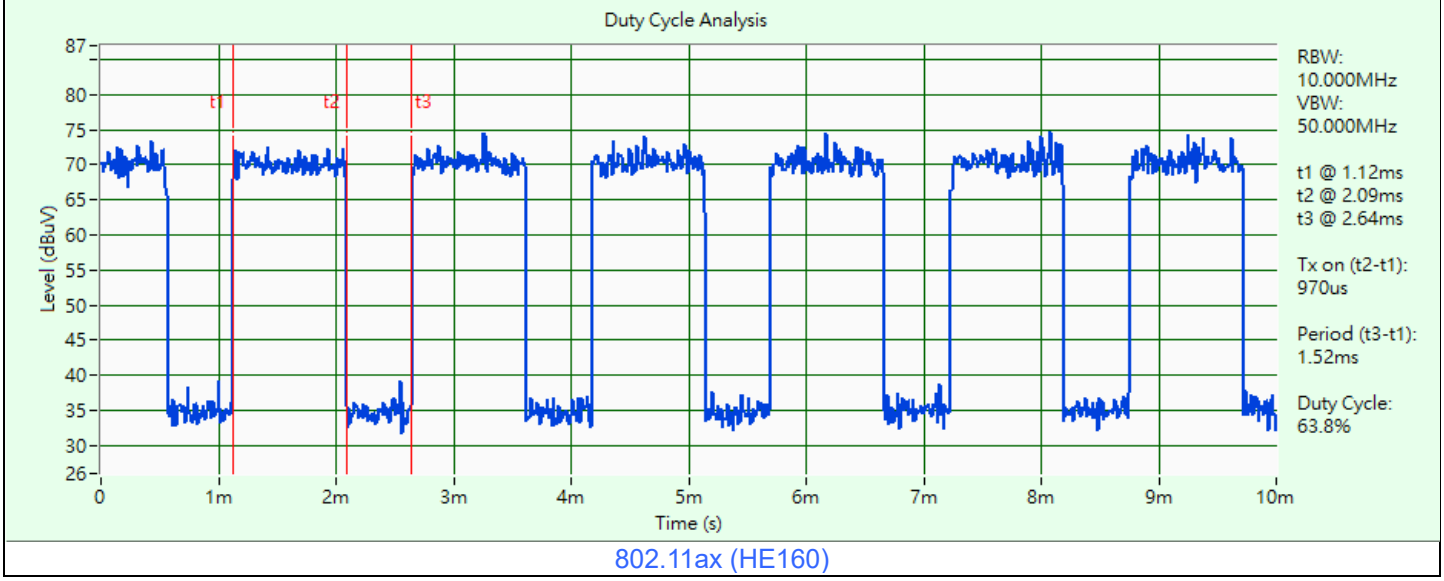
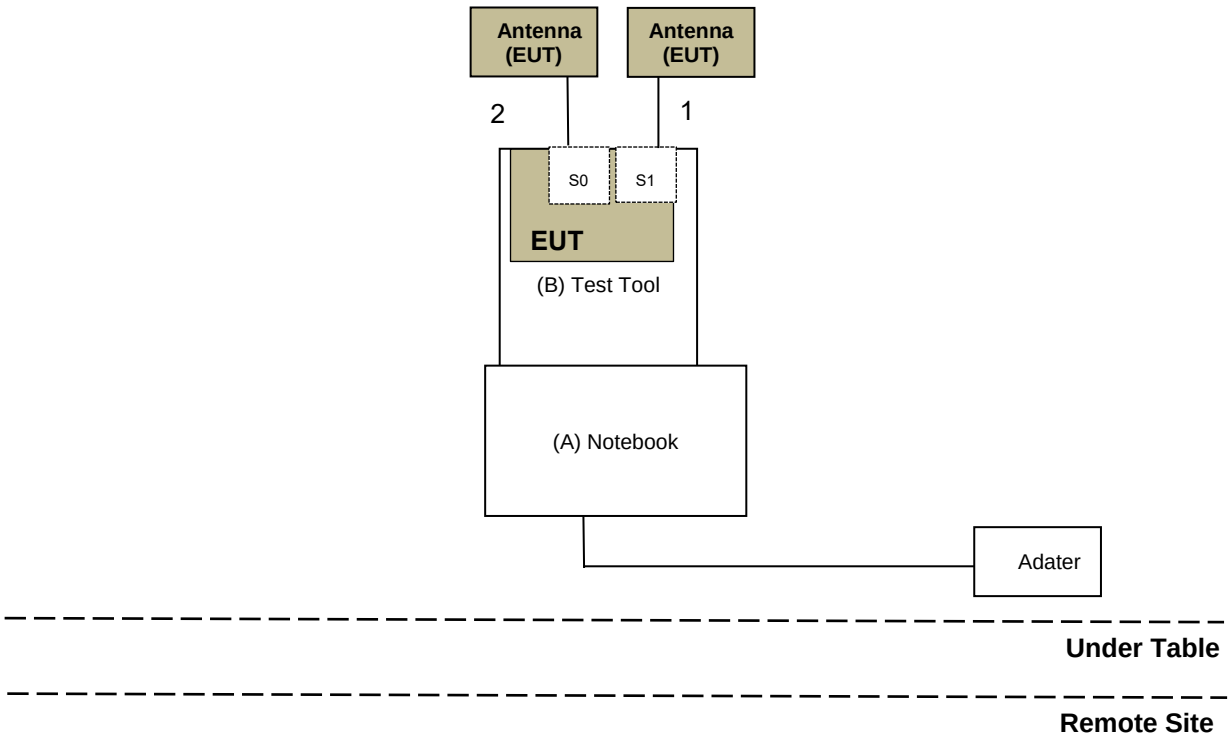


802.11ax (HE160)

3.6 Test Program Used and Operation Descriptions

Controlling software QATool_UIv2.55 has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Notebook	Lenove	L440	N/A	N/A	Provided by Lab
B	Test Tool	Mediatek	MTK1849	N/A	N/A	Supplied by applicant (for RF Setup)

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	RF Cable	1	0.3	No	0	Supplied by applicant
2	RF Cable	1	0.3	No	0	Supplied by applicant

4 Test Instruments

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

4.1 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance HUBER+SUHNER	E1-011315	13	2023/11/22	2024/11/21
50 ohm terminal resistance	E1-011279	04	2023/11/22	2024/11/21
	E1-011280	05	2023/11/22	2024/11/21
EMI Test Receiver R&S	ESCI	100613	2023/12/4	2024/12/3
Fixed Attenuator Mini-Circuits	HAT-10+	PAD-COND1-01	2024/1/6	2025/1/5
LISN R&S	ENV216	101826	2024/3/25	2025/3/24
	ESH3-Z5	100311	2024/9/5	2025/9/4
RF Coaxial Cable Woken	5D-FB	Cable-cond1-01	2024/1/6	2025/1/5
Software BVADT	BVADT_Cond_ V7.4.1.0	N/A	N/A	N/A
V-LISN Schwarzbeck	NNBL 8226-2	8226-142	2024/8/28	2025/8/27

Notes:

1. The test was performed in HY - Conduction 1.
2. Tested Date: 2024/11/6 ~ 2024/11/7

4.2 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFA-515BSN	N/A	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-1214	2024/10/15	2025/10/14
EXA Signal Analyzer Agilent	N9010A	MY52220207	2023/12/28	2024/12/27
Loop Antenna TESEQ	HLA 6121	45745	2024/8/21	2025/8/20
MXE EMI Receiver Agilent	N9038A	MY52260177	2024/9/19	2025/9/18
Preamplifier EMCI	EMC330N	980798	2024/1/15	2025/1/14
	EMC001340	980201	2024/9/24	2025/9/23
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-500	201248	2024/1/15	2025/1/14
	EMCCFD400-NM-NM-3000	201249	2024/1/15	2025/1/14
	EMCCFD400-NM-NM-9000	201251(with PAD)	2024/1/15	2025/1/14
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208676	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 9.
2. Tested Date: 2024/11/6

4.3 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFA-515BSN	N/A	N/A	N/A
EXA Signal Analyzer Agilent	N9010A	MY52220207	2023/12/28	2024/12/27
Horn Antenna RFSPIN	DRH18-E	210104A18E	2023/11/12	2024/11/11
Horn Antenna Schwarzbeck	BBHA 9170	9170-1049	2023/11/12	2024/11/11
MXE EMI Receiver Agilent	N9038A	MY52260177	2024/9/19	2025/9/18
Preamplifier Agilent	83017A	MY39501357	2024/6/12	2025/6/11
Preamplifier EMCI	EMC184045SE	980788	2024/1/15	2025/1/14
RF Coaxial Cable EMCI	EMC101G-KM-KM-2000	201254	2024/1/15	2025/1/14
	EMC101G-KM-KM-3000	201258	2024/1/15	2025/1/14
	EMC101G-KM-KM-5000	201261	2024/1/15	2025/1/14
	EMC104-SM-SM-1000	210103	2024/1/15	2025/1/14
	EMC104-SM-SM-3000	201241	2024/1/15	2025/1/14
	EMC104-SM-SM-9000	201244	2024/1/15	2025/1/14
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208676	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 9.
2. Tested Date: 2024/10/7 ~ 2024/10/19

5 Limits of Test Items

5.1 AC Power Conducted Emissions

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

Notes:

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 0.50 MHz.

5.2 Unwanted Emissions below 1 GHz

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

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

5.3 Unwanted Emissions above 1 GHz

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)
Above 960	500	3

Notes:

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 1000 MHz, 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 20 dB 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 3 m	
	PK: 74 (dBµV/m)	AV: 54 (dBµV/m)

For transmitters operating in the 5.15-5.25 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(1)	PK: -27 (dBm/MHz)	PK: 68.2 (dBµV/m)

For transmitters operating in the 5.25-5.35 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(2)	PK: -27 (dBm/MHz)	PK: 68.2 (dBµV/m)

For transmitters operating in the 5.47-5.725 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(3)	PK: -27 (dBm/MHz)	PK: 68.2 (dBµV/m)

For transmitters operating in the 5.725-5.850 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(4)(i)	PK: -27 (dBm/MHz) *1 PK: 10 (dBm/MHz) *2 PK: 15.6 (dBm/MHz) *3 PK: 27 (dBm/MHz) *4	PK: 68.2 (dBµV/m) *1 PK: 105.2 (dBµV/m) *2 PK: 110.8 (dBµV/m) *3 PK: 122.2 (dBµV/m) *4
*1 beyond 75 MHz or more above of the band edge. *2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. *3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. *4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.		

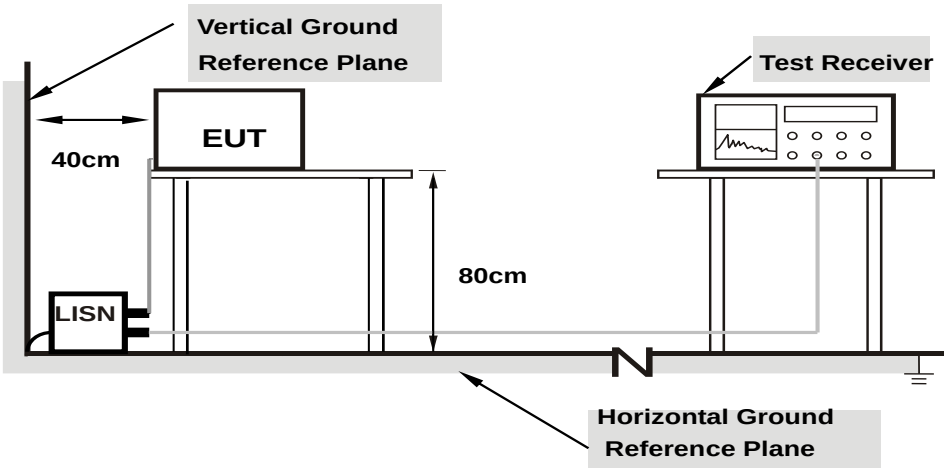
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

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

6 Test Arrangements

6.1 AC Power Conducted Emissions

6.1.1 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).

6.1.2 Test Procedure

a. The EUT was placed on a 0.8 meter to the top of table and 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/ 50 uH of coupling impedance for the measuring instrument.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

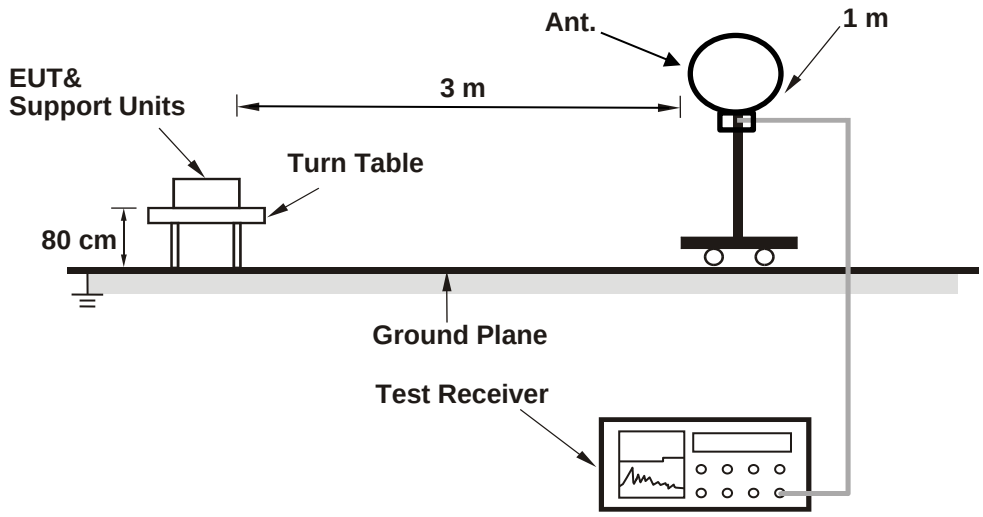
c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz-30 MHz.

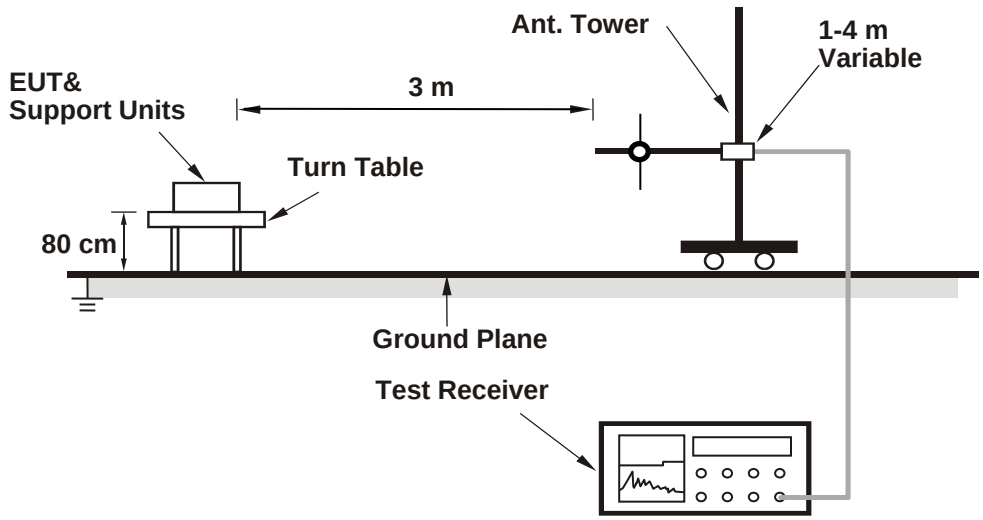
6.2 Unwanted Emissions below 1 GHz

6.2.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



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

6.2.2 Test Procedure

For Radiated emission below 30 MHz

a. The EUT was placed on the top of a rotating table 0.8 meters 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. 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, except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200 Hz at frequency below 150 kHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz or 10 kHz at frequency (150 kHz to 30 MHz).
3. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated emission above 30 MHz

a. The EUT was placed on the top of a rotating table 0.8 meters 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.

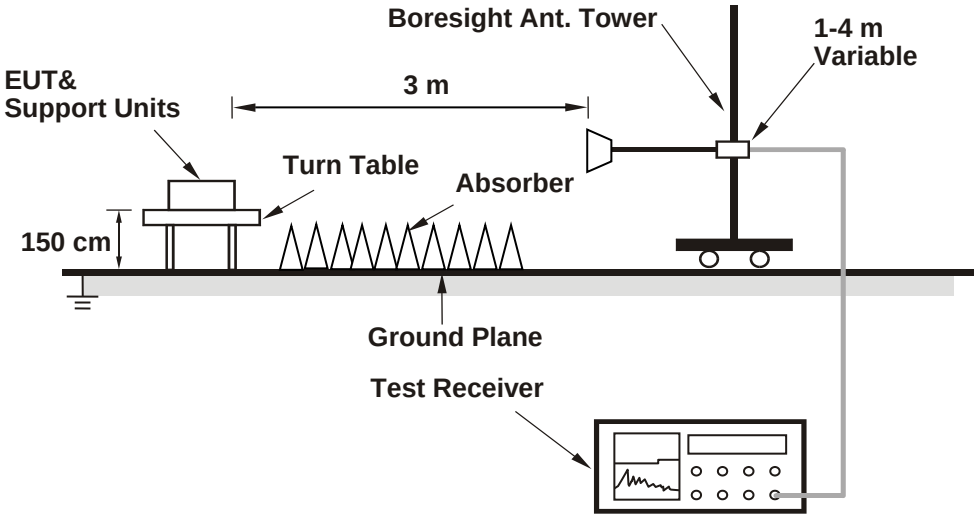
e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

6.3 Unwanted Emissions above 1 GHz

6.3.1 Test Setup



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

6.3.2 Test Procedure

a. The EUT was placed on the top of a rotating table 1.5 meters 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 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.

Notes:

1. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) and Average detection (AV) at frequency above 1 GHz.
2. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10 Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1 GHz.
3. All modes of operation were investigated and the worst-case emissions are reported.

7 Test Results of Test Item

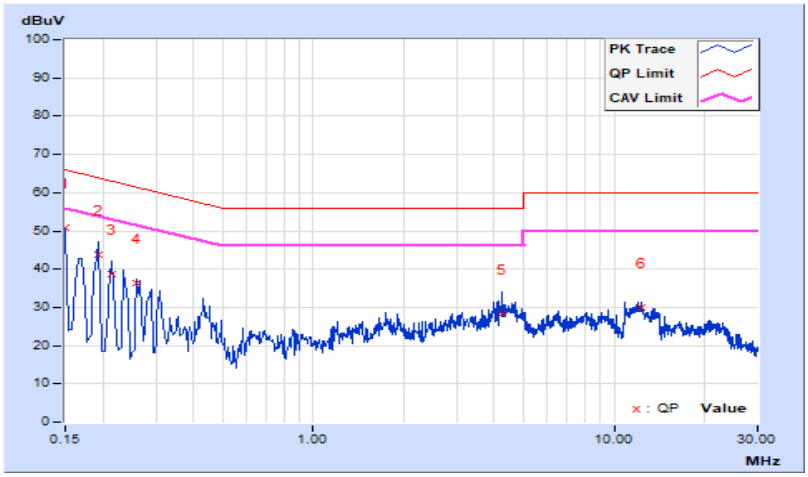
7.1 AC Power Conducted Emissions

RF Mode	802.11a	Channel	CH 165：5825 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75 % RH
Tested By	Greg Lin		

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	0.15000	9.67	41.21	22.90	50.88	32.57	66.00	56.00	-15.12	-23.43
2	0.19400	9.66	34.22	15.10	43.88	24.76	63.86	53.86	-19.98	-29.10
3	0.21400	9.66	28.99	7.78	38.65	17.44	63.05	53.05	-24.40	-35.61
4	0.25800	9.67	26.74	7.71	36.41	17.38	61.50	51.50	-25.09	-34.12
5	4.26600	9.78	18.53	9.04	28.31	18.82	56.00	46.00	-27.69	-27.18
6	12.25800	9.90	19.90	9.89	29.80	19.79	60.00	50.00	-30.20	-30.21

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

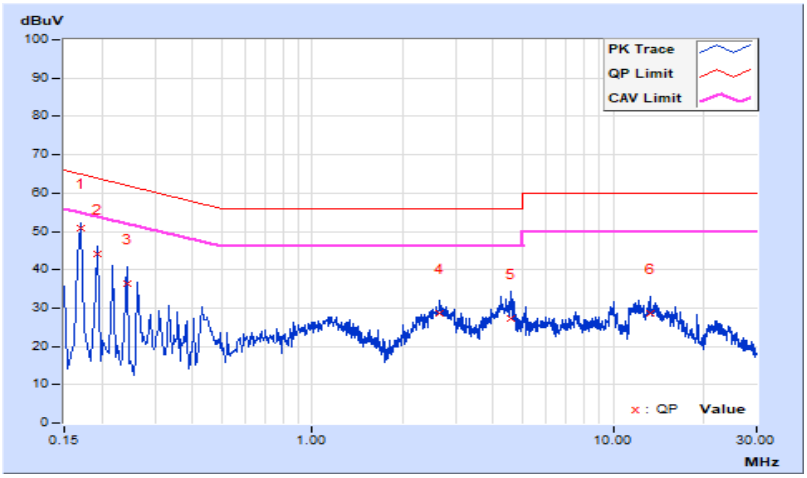


RF Mode	802.11a	Channel	CH 165：5825 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75 % RH
Tested By	Greg Lin		

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	**0.17000**	**9.64**	**41.20**	**29.64**	**50.84**	**39.28**	**64.96**	**54.96**	**-14.12**	**-15.68**
2	0.19400	9.65	34.60	22.87	44.25	32.52	63.86	53.86	-19.61	-21.34
3	0.24200	9.66	26.79	7.19	36.45	16.85	62.03	52.03	-25.58	-35.18
4	2.66200	9.77	18.81	11.55	28.58	21.32	56.00	46.00	-27.42	-24.68
5	4.56600	9.80	17.36	10.38	27.16	20.18	56.00	46.00	-28.84	-25.82
6	13.25400	10.01	18.48	10.52	28.49	20.53	60.00	50.00	-31.51	-29.47

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



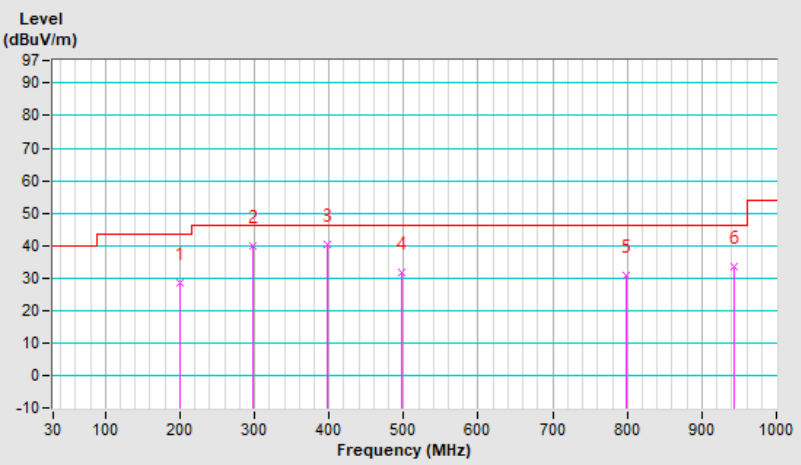
7.2 Unwanted Emissions below 1 GHz

RF Mode	802.11a	Channel	CH 165：5825 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	199.75	28.4 QP	43.5	-15.1	1.00 H	180	44.8	-16.4
2	298.69	39.7 QP	46.0	-6.3	1.25 H	85	52.1	-12.4
3	**398.60**	**40.3 QP**	**46.0**	**-5.7**	**1.50 H**	**268**	**50.1**	**-9.8**
4	497.54	31.6 QP	46.0	-14.4	1.25 H	162	39.3	-7.7
5	799.21	30.6 QP	46.0	-15.4	1.00 H	79	32.6	-2.0
6	943.74	33.6 QP	46.0	-12.4	1.50 H	246	33.5	0.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

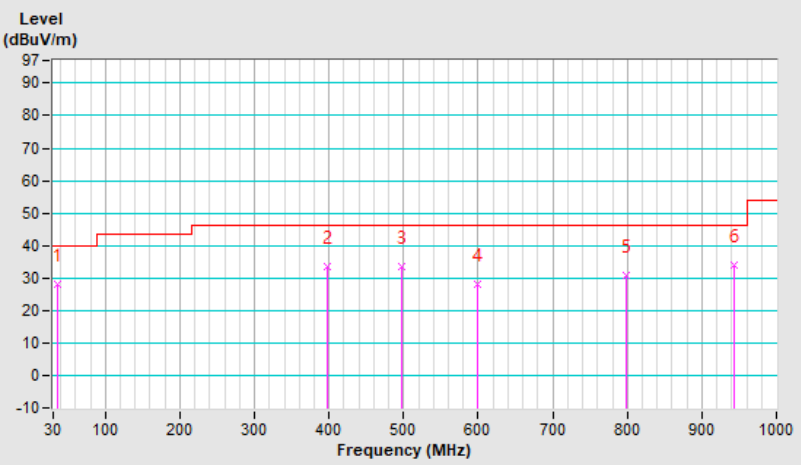


RF Mode	802.11a	Channel	CH 165：5825 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	35.82	28.3 QP	40.0	-11.7	1.00 V	9	42.4	-14.1
2	398.60	33.4 QP	46.0	-12.6	1.25 V	52	43.2	-9.8
3	497.54	33.6 QP	46.0	-12.4	1.50 V	253	41.3	-7.7
4	599.39	27.9 QP	46.0	-18.1	1.25 V	238	33.0	-5.1
5	798.24	30.8 QP	46.0	-15.2	1.00 V	104	32.8	-2.0
6	943.74	33.9 QP	46.0	-12.1	1.25 V	246	33.8	0.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



7.3 Unwanted Emissions above 1 GHz

RF Mode	802.11a	Channel	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	56.5 PK	74.0	-17.5	2.24 H	164	53.9	2.6
2	5150.00	47.3 AV	54.0	-6.7	2.24 H	164	44.7	2.6
3	*5180.00	116.6 PK			2.24 H	164	75.8	40.8
4	*5180.00	109.0 AV			2.24 H	164	68.2	40.8
5	#10360.00	62.1 PK	68.2	-6.1	1.85 H	145	52.6	9.5
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	5150.00	53.9 PK	74.0	-20.1	3.19 V	220	51.3	2.6
2	5150.00	44.9 AV	54.0	-9.1	3.19 V	220	42.3	2.6
3	*5180.00	112.6 PK			3.19 V	220	71.8	40.8
4	*5180.00	105.0 AV			3.19 V	220	64.2	40.8
5	#10360.00	61.6 PK	68.2	-6.6	1.93 V	298	52.1	9.5

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	118.1 PK			2.28 H	159	77.3	40.8
2	*5200.00	110.5 AV			2.28 H	159	69.7	40.8
3	#10400.00	62.3 PK	68.2	-5.9	1.92 H	151	52.9	9.4
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	*5200.00	114.0 PK			3.14 V	218	73.2	40.8
2	*5200.00	106.3 AV			3.14 V	218	65.5	40.8
3	#10400.00	61.8 PK	68.2	-6.4	2.03 V	297	52.4	9.4

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	117.8 PK			2.21 H	167	76.9	40.9
2	*5240.00	110.1 AV			2.21 H	167	69.2	40.9
3	5350.00	55.2 PK	74.0	-18.8	2.21 H	167	52.4	2.8
4	5350.00	44.6 AV	54.0	-9.4	2.21 H	167	41.8	2.8
5	#10480.00	61.8 PK	68.2	-6.4	2.03 H	147	52.6	9.2
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	*5240.00	114.0 PK			3.11 V	225	73.1	40.9
2	*5240.00	106.2 AV			3.11 V	225	65.3	40.9
3	5350.00	54.1 PK	74.0	-19.9	3.11 V	225	51.3	2.8
4	5350.00	43.3 AV	54.0	-10.7	3.11 V	225	40.5	2.8
5	#10480.00	61.1 PK	68.2	-7.1	1.98 V	302	51.9	9.2

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	56.0 PK	74.0	-18.0	2.37 H	166	53.4	2.6
2	5150.00	48.0 AV	54.0	-6.0	2.37 H	166	45.4	2.6
3	*5180.00	118.5 PK			2.37 H	166	77.7	40.8
4	*5180.00	108.0 AV			2.37 H	166	67.2	40.8
5	#10360.00	60.7 PK	68.2	-7.5	1.86 H	148	51.2	9.5
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	5150.00	54.2 PK	74.0	-19.8	3.19 V	205	51.6	2.6
2	5150.00	45.4 AV	54.0	-8.6	3.19 V	205	42.8	2.6
3	*5180.00	114.2 PK			3.19 V	205	73.4	40.8
4	*5180.00	103.7 AV			3.19 V	205	62.9	40.8
5	#10360.00	59.9 PK	68.2	-8.3	1.99 V	299	50.4	9.5

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	120.4 PK			2.37 H	167	79.6	40.8
2	*5200.00	109.9 AV			2.37 H	167	69.1	40.8
3	#10400.00	62.6 PK	68.2	-5.6	2.03 H	133	53.2	9.4
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	*5200.00	115.6 PK			3.16 V	221	74.8	40.8
2	*5200.00	105.2 AV			3.16 V	221	64.4	40.8
3	#10400.00	62.0 PK	68.2	-6.2	1.98 V	303	52.6	9.4

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	121.2 PK			2.41 H	169	80.3	40.9
2	*5240.00	110.8 AV			2.41 H	169	69.9	40.9
3	5350.00	55.1 PK	74.0	-18.9	2.41 H	169	52.3	2.8
4	5350.00	45.1 AV	54.0	-8.9	2.41 H	169	42.3	2.8
5	#10480.00	62.6 PK	68.2	-5.6	2.09 H	141	53.4	9.2
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	*5240.00	116.8 PK			3.17 V	226	75.9	40.9
2	*5240.00	106.4 AV			3.17 V	226	65.5	40.9
3	5350.00	53.6 PK	74.0	-20.4	3.17 V	226	50.8	2.8
4	5350.00	43.1 AV	54.0	-10.9	3.17 V	226	40.3	2.8
5	#10480.00	61.6 PK	68.2	-6.6	2.03 V	301	52.4	9.2

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 38：5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	60.2 PK	74.0	-13.8	2.40 H	166	57.6	2.6
2	5150.00	51.1 AV	54.0	-2.9	2.40 H	166	48.5	2.6
3	*5190.00	116.9 PK			2.40 H	166	76.1	40.8
4	*5190.00	107.2 AV			2.40 H	166	66.4	40.8
5	#10380.00	60.2 PK	68.2	-8.0	1.96 H	146	50.8	9.4
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	5150.00	56.8 PK	74.0	-17.2	3.18 V	216	54.2	2.6
2	5150.00	48.9 AV	54.0	-5.1	3.18 V	216	46.3	2.6
3	*5190.00	112.9 PK			3.18 V	216	72.1	40.8
4	*5190.00	103.0 AV			3.18 V	216	62.2	40.8
5	#10380.00	59.2 PK	68.2	-9.0	1.94 V	303	49.8	9.4

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 46：5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	63.0 PK	74.0	-11.0	2.41 H	166	60.4	2.6
2	5150.00	52.1 AV	54.0	-1.9	2.41 H	166	49.5	2.6
3	*5230.00	120.3 PK			2.41 H	166	79.5	40.8
4	*5230.00	110.4 AV			2.41 H	166	69.6	40.8
5	#10460.00	62.4 PK	68.2	-5.8	2.12 H	138	53.1	9.3
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	5150.00	59.2 PK	74.0	-14.8	3.14 V	217	56.6	2.6
2	5150.00	47.9 AV	54.0	-6.1	3.14 V	217	45.3	2.6
3	*5230.00	115.4 PK			3.14 V	217	74.6	40.8
4	*5230.00	105.7 AV			3.14 V	217	64.9	40.8
5	#10460.00	61.4 PK	68.2	-6.8	2.06 V	293	52.1	9.3

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 42：5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	62.5 PK	74.0	-11.5	2.33 H	169	59.9	2.6
2	**5150.00**	**53.8 AV**	**54.0**	**-0.2**	**2.33 H**	**169**	**51.2**	**2.6**
3	*5210.00	110.7 PK			2.33 H	169	69.9	40.8
4	*5210.00	101.1 AV			2.33 H	169	60.3	40.8
5	#10420.00	58.8 PK	68.2	-9.4	2.01 H	147	49.6	9.2
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	58.0 PK	74.0	-16.0	3.17 V	218	55.4	2.6
2	5150.00	48.9 AV	54.0	-5.1	3.17 V	218	46.3	2.6
3	*5210.00	106.6 PK			3.17 V	218	65.8	40.8
4	*5210.00	96.9 AV			3.17 V	218	56.1	40.8
5	#10420.00	57.9 PK	68.2	-10.3	1.96 V	304	48.7	9.2

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	53.4 PK	74.0	-20.6	2.37 H	165	50.8	2.6
2	5150.00	43.9 AV	54.0	-10.1	2.37 H	165	41.3	2.6
3	*5260.00	118.2 PK			2.37 H	165	77.3	40.9
4	*5260.00	110.4 AV			2.37 H	165	69.5	40.9
5	#10520.00	62.1 PK	68.2	-6.1	2.05 H	143	52.8	9.3
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	5150.00	52.8 PK	74.0	-21.2	3.14 V	223	50.2	2.6
2	5150.00	42.9 AV	54.0	-11.1	3.14 V	223	40.3	2.6
3	*5260.00	113.9 PK			3.14 V	223	73.0	40.9
4	*5260.00	106.1 AV			3.14 V	223	65.2	40.9
5	#10520.00	61.5 PK	68.2	-6.7	2.03 V	294	52.2	9.3

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	118.0 PK			2.36 H	164	77.2	40.8
2	*5300.00	110.4 AV			2.36 H	164	69.6	40.8
3	10600.00	62.5 PK	74.0	-11.5	2.09 H	142	53.2	9.3
4	10600.00	52.5 AV	54.0	-1.5	2.09 H	142	43.2	9.3
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	*5300.00	113.7 PK			3.14 V	218	72.9	40.8
2	*5300.00	106.0 AV			3.14 V	218	65.2	40.8
3	10600.00	61.6 PK	74.0	-12.4	1.97 V	299	52.3	9.3
4	10600.00	51.8 AV	54.0	-2.2	1.97 V	299	42.5	9.3

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, the limit was restricted at the RF Output Power.

RF Mode	802.11a	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	116.9 PK			2.34 H	168	76.2	40.7
2	*5320.00	109.2 AV			2.34 H	168	68.5	40.7
3	5350.00	60.6 PK	74.0	-13.4	2.34 H	168	57.8	2.8
4	5350.00	48.6 AV	54.0	-5.4	2.34 H	168	45.8	2.8
5	10640.00	63.0 PK	74.0	-11.0	2.07 H	144	53.7	9.3
6	10640.00	52.6 AV	54.0	-1.4	2.07 H	144	43.3	9.3
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	*5320.00	112.8 PK			3.14 V	222	72.1	40.7
2	*5320.00	105.0 AV			3.14 V	222	64.3	40.7
3	5350.00	54.3 PK	74.0	-19.7	3.14 V	222	51.5	2.8
4	5350.00	45.1 AV	54.0	-8.9	3.14 V	222	42.3	2.8
5	10640.00	61.4 PK	74.0	-12.6	2.03 V	294	52.1	9.3
6	10640.00	51.8 AV	54.0	-2.2	2.03 V	294	42.5	9.3

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, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE20)	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	54.5 PK	74.0	-19.5	2.33 H	166	51.9	2.6
2	5150.00	43.9 AV	54.0	-10.1	2.33 H	166	41.3	2.6
3	*5260.00	120.5 PK			2.33 H	166	79.6	40.9
4	*5260.00	110.6 AV			2.33 H	166	69.7	40.9
5	#10520.00	63.1 PK	68.2	-5.1	2.12 H	136	53.8	9.3
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	5150.00	52.9 PK	74.0	-21.1	3.15 V	218	50.3	2.6
2	5150.00	42.9 AV	54.0	-11.1	3.15 V	218	40.3	2.6
3	*5260.00	116.1 PK			3.15 V	218	75.2	40.9
4	*5260.00	106.2 AV			3.15 V	218	65.3	40.9
5	#10520.00	51.7 PK	68.2	-16.5	2.03 V	298	42.4	9.3

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	120.5 PK			2.28 H	167	79.7	40.8
2	*5300.00	110.7 AV			2.28 H	167	69.9	40.8
3	10600.00	62.9 PK	74.0	-11.1	2.21 H	136	53.6	9.3
4	10600.00	53.2 AV	54.0	-0.8	2.21 H	136	43.9	9.3
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	*5300.00	116.1 PK			3.15 V	223	75.3	40.8
2	*5300.00	106.2 AV			3.15 V	223	65.4	40.8
3	10600.00	61.7 PK	74.0	-12.3	2.03 V	303	52.4	9.3
4	10600.00	52.1 AV	54.0	-1.9	2.03 V	303	42.8	9.3

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, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE20)	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	119.2 PK			2.32 H	166	78.5	40.7
2	*5320.00	109.3 AV			2.32 H	166	68.6	40.7
3	5350.00	64.2 PK	74.0	-9.8	2.32 H	166	61.4	2.8
4	**5350.00**	**53.8 AV**	**54.0**	**-0.2**	**2.32 H**	**166**	**51.0**	**2.8**
5	10640.00	63.5 PK	74.0	-10.5	2.10 H	139	54.2	9.3
6	10640.00	53.0 AV	54.0	-1.0	2.10 H	139	43.7	9.3
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	*5320.00	114.8 PK			3.12 V	217	74.1	40.7
2	*5320.00	105.0 AV			3.12 V	217	64.3	40.7
3	5350.00	59.3 PK	74.0	-14.7	3.12 V	217	56.5	2.8
4	5350.00	49.4 AV	54.0	-4.6	3.12 V	217	46.6	2.8
5	10640.00	61.8 PK	74.0	-12.2	2.06 V	308	52.5	9.3
6	10640.00	51.9 AV	54.0	-2.1	2.06 V	308	42.6	9.3

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, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE40)	Channel	CH 54：5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	*5270.00	117.6 PK			2.38 H	197	76.7	40.9
2	*5270.00	107.8 AV			2.38 H	197	66.9	40.9
3	5350.00	65.3 PK	74.0	-8.7	2.38 H	197	62.5	2.8
4	5350.00	53.3 AV	54.0	-0.7	2.38 H	197	50.5	2.8
5	#10540.00	58.8 PK	68.2	-9.4	1.92 H	131	49.5	9.3
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	*5270.00	113.3 PK			3.07 V	218	72.4	40.9
2	*5270.00	103.5 AV			3.07 V	218	62.6	40.9
3	5350.00	59.1 PK	74.0	-14.9	3.07 V	218	56.3	2.8
4	5350.00	48.5 AV	54.0	-5.5	3.07 V	218	45.7	2.8
5	#10540.00	57.7 PK	68.2	-10.5	2.08 V	303	48.4	9.3

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 62：5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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			2.29 H	197	72.6	40.7
2	*5310.00	103.5 AV			2.29 H	197	62.8	40.7
3	5350.00	60.9 PK	74.0	-13.1	2.29 H	197	58.1	2.8
4	5350.00	51.3 AV	54.0	-2.7	2.29 H	197	48.5	2.8
5	10620.00	58.7 PK	74.0	-15.3	2.06 H	144	49.4	9.3
6	10620.00	50.5 AV	54.0	-3.5	2.06 H	144	41.2	9.3
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	*5310.00	109.2 PK			3.09 V	213	68.5	40.7
2	*5310.00	99.4 AV			3.09 V	213	58.7	40.7
3	5350.00	56.1 PK	74.0	-17.9	3.09 V	213	53.3	2.8
4	5350.00	47.4 AV	54.0	-6.6	3.09 V	213	44.6	2.8
5	10620.00	57.5 PK	74.0	-16.5	1.97 V	303	48.2	9.3
6	10620.00	49.9 AV	54.0	-4.1	1.97 V	303	40.6	9.3

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, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE80)	Channel	CH 58：5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5290.00	108.6 PK			2.38 H	197	67.8	40.8
2	*5290.00	98.9 AV			2.38 H	197	58.1	40.8
3	5350.00	61.7 PK	74.0	-12.3	2.38 H	197	58.9	2.8
4	5350.00	53.4 AV	54.0	-0.6	2.38 H	197	50.6	2.8
5	#10580.00	58.4 PK	68.2	-9.8	2.05 H	146	49.2	9.2
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	*5290.00	104.4 PK			3.13 V	216	63.6	40.8
2	*5290.00	94.6 AV			3.13 V	216	53.8	40.8
3	5350.00	57.2 PK	74.0	-16.8	3.13 V	216	54.4	2.8
4	5350.00	49.1 AV	54.0	-4.9	3.13 V	216	46.3	2.8
5	#10580.00	57.3 PK	68.2	-10.9	2.09 V	295	48.1	9.2

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE160)	Channel	CH 50：5250 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	63.0 PK	74.0	-11.0	2.36 H	197	60.4	2.6
2	5150.00	51.1 AV	54.0	-2.9	2.36 H	197	48.5	2.6
3	*5250.00	104.3 PK			2.36 H	197	63.4	40.9
4	*5250.00	95.0 AV			2.36 H	197	54.1	40.9
5	5350.00	58.2 PK	74.0	-15.8	2.36 H	197	55.4	2.8
6	5350.00	50.0 AV	54.0	-4.0	2.36 H	197	47.2	2.8
7	#10500.00	57.9 PK	68.2	-10.3	2.39 H	148	48.6	9.3
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	5150.00	60.7 PK	74.0	-13.3	2.70 V	215	58.1	2.6
2	5150.00	49.0 AV	54.0	-5.0	2.70 V	215	46.4	2.6
3	*5250.00	100.7 PK			2.70 V	215	59.8	40.9
4	*5250.00	91.3 AV			2.70 V	215	50.4	40.9
5	5350.00	56.0 PK	74.0	-18.0	2.70 V	215	53.2	2.8
6	5350.00	47.0 AV	54.0	-7.0	2.70 V	215	44.2	2.8
7	#10500.00	57.1 PK	68.2	-11.1	2.57 V	313	47.8	9.3

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	55.5 PK	74.0	-18.5	2.48 H	196	52.4	3.1
2	5460.00	46.2 AV	54.0	-7.8	2.48 H	196	43.1	3.1
3	#5470.00	57.0 PK	68.2	-11.2	2.48 H	196	53.8	3.2
4	*5500.00	115.7 PK			2.48 H	196	74.4	41.3
5	*5500.00	108.3 AV			2.48 H	196	67.0	41.3
6	11000.00	60.6 PK	74.0	-13.4	2.56 H	142	51.2	9.4
7	11000.00	51.5 AV	54.0	-2.5	2.56 H	142	42.1	9.4
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	52.5 PK	74.0	-21.5	2.69 V	204	49.4	3.1
2	5460.00	44.4 AV	54.0	-9.6	2.69 V	204	41.3	3.1
3	#5470.00	54.0 PK	68.2	-14.2	2.69 V	204	50.8	3.2
4	*5500.00	111.9 PK			2.69 V	204	70.6	41.3
5	*5500.00	104.6 AV			2.69 V	204	63.3	41.3
6	11000.00	59.6 PK	74.0	-14.4	2.59 V	318	50.2	9.4
7	11000.00	50.3 AV	54.0	-3.7	2.59 V	318	40.9	9.4

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	116.1 PK			2.48 H	198	74.7	41.4
2	*5580.00	108.6 AV			2.48 H	198	67.2	41.4
3	11160.00	60.9 PK	74.0	-13.1	2.55 H	139	51.3	9.6
4	11160.00	51.8 AV	54.0	-2.2	2.55 H	139	42.2	9.6
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	*5580.00	112.3 PK			2.73 V	214	70.9	41.4
2	*5580.00	104.8 AV			2.73 V	214	63.4	41.4
3	11160.00	60.2 PK	74.0	-13.8	2.56 V	319	50.6	9.6
4	11160.00	50.8 AV	54.0	-3.2	2.56 V	319	41.2	9.6

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, the limit was restricted at the RF Output Power.

RF Mode	802.11a	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	116.0 PK			2.48 H	197	73.6	42.4
2	*5700.00	108.5 AV			2.48 H	197	66.1	42.4
3	#5725.00	57.9 PK	68.2	-10.3	2.48 H	197	53.3	4.6
4	11400.00	60.6 PK	74.0	-13.4	2.39 H	143	50.8	9.8
5	11400.00	52.0 AV	54.0	-2.0	2.39 H	143	42.2	9.8
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	*5700.00	112.0 PK			2.75 V	211	69.6	42.4
2	*5700.00	104.6 AV			2.75 V	211	62.2	42.4
3	#5725.00	56.0 PK	68.2	-12.2	2.75 V	211	51.4	4.6
4	11400.00	60.0 PK	74.0	-14.0	2.48 V	312	50.2	9.8
5	11400.00	50.5 AV	54.0	-3.5	2.48 V	312	40.7	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	52.4 PK	68.2	-15.8	2.34 H	197	49.2	3.2
2	*5720.00	115.5 PK			2.34 H	197	73.1	42.4
3	*5720.00	108.2 AV			2.34 H	197	65.8	42.4
4	#5850.00	54.2 PK	68.2	-14.0	2.34 H	197	49.2	5.0
5	11440.00	60.7 PK	74.0	-13.3	2.59 H	144	50.9	9.8
6	11440.00	51.8 AV	54.0	-2.2	2.59 H	144	42.0	9.8
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	#5470.00	52.1 PK	68.2	-16.1	2.75 V	210	48.9	3.2
2	*5720.00	112.0 PK			2.75 V	210	69.6	42.4
3	*5720.00	104.5 AV			2.75 V	210	62.1	42.4
4	#5850.00	54.1 PK	68.2	-14.1	2.75 V	210	49.1	5.0
5	11440.00	60.0 PK	74.0	-14.0	2.46 V	315	50.2	9.8
6	11440.00	50.4 AV	54.0	-3.6	2.46 V	315	40.6	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	58.0 PK	74.0	-16.0	2.48 H	199	54.9	3.1
2	5460.00	48.1 AV	54.0	-5.9	2.48 H	199	45.0	3.1
3	#5470.00	58.8 PK	68.2	-9.4	2.48 H	199	55.6	3.2
4	*5500.00	116.7 PK			2.48 H	199	75.4	41.3
5	*5500.00	107.0 AV			2.48 H	199	65.7	41.3
6	11000.00	60.2 PK	74.0	-13.8	2.37 H	146	50.8	9.4
7	11000.00	51.5 AV	54.0	-2.5	2.37 H	146	42.1	9.4
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	55.4 PK	74.0	-18.6	2.71 V	226	52.3	3.1
2	5460.00	46.7 AV	54.0	-7.3	2.71 V	226	43.6	3.1
3	#5470.00	56.8 PK	68.2	-11.4	2.71 V	226	53.6	3.2
4	*5500.00	112.9 PK			2.71 V	226	71.6	41.3
5	*5500.00	103.2 AV			2.71 V	226	61.9	41.3
6	11000.00	59.7 PK	74.0	-14.3	2.55 V	316	50.3	9.4
7	11000.00	50.4 AV	54.0	-3.6	2.55 V	316	41.0	9.4

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	117.8 PK			2.31 H	196	76.4	41.4
2	*5580.00	108.0 AV			2.31 H	196	66.6	41.4
3	11160.00	60.9 PK	74.0	-13.1	2.42 H	139	51.3	9.6
4	11160.00	52.0 AV	54.0	-2.0	2.42 H	139	42.4	9.6
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	*5580.00	114.1 PK			2.67 V	219	72.7	41.4
2	*5580.00	104.3 AV			2.67 V	219	62.9	41.4
3	11160.00	60.1 PK	74.0	-13.9	2.59 V	313	50.5	9.6
4	11160.00	50.7 AV	54.0	-3.3	2.59 V	313	41.1	9.6

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, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE20)	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	114.0 PK			2.22 H	195	71.6	42.4
2	*5700.00	104.3 AV			2.22 H	195	61.9	42.4
3	#5725.00	55.8 PK	68.2	-12.4	2.22 H	195	51.2	4.6
4	11400.00	60.3 PK	74.0	-13.7	2.38 H	148	50.5	9.8
5	11400.00	51.9 AV	54.0	-2.1	2.38 H	148	42.1	9.8
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	*5700.00	110.3 PK			2.65 V	209	67.9	42.4
2	*5700.00	100.6 AV			2.65 V	209	58.2	42.4
3	#5725.00	54.8 PK	68.2	-13.4	2.65 V	209	50.2	4.6
4	11400.00	59.6 PK	74.0	-14.4	2.57 V	323	49.8	9.8
5	11400.00	50.6 AV	54.0	-3.4	2.57 V	323	40.8	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	54.0 PK	68.2	-14.2	2.29 H	197	50.8	3.2
2	*5720.00	118.7 PK			2.29 H	197	76.3	42.4
3	*5720.00	108.8 AV			2.29 H	197	66.4	42.4
4	#5850.00	56.2 PK	68.2	-12.0	2.29 H	197	51.2	5.0
5	11440.00	61.0 PK	74.0	-13.0	2.49 H	133	51.2	9.8
6	11440.00	52.2 AV	54.0	-1.8	2.49 H	133	42.4	9.8
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	#5470.00	53.6 PK	68.2	-14.6	2.74 V	217	50.4	3.2
2	*5720.00	115.0 PK			2.74 V	217	72.6	42.4
3	*5720.00	105.2 AV			2.74 V	217	62.8	42.4
4	#5850.00	55.8 PK	68.2	-12.4	2.74 V	217	50.8	5.0
5	11440.00	60.4 PK	74.0	-13.6	2.46 V	315	50.6	9.8
6	11440.00	51.0 AV	54.0	-3.0	2.46 V	315	41.2	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 102：5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	59.4 PK	74.0	-14.6	2.25 H	196	56.3	3.1
2	5460.00	52.0 AV	54.0	-2.0	2.25 H	196	48.9	3.1
3	#5470.00	60.6 PK	68.2	-7.6	2.25 H	196	57.4	3.2
4	*5510.00	113.7 PK			2.25 H	196	72.4	41.3
5	*5510.00	104.1 AV			2.25 H	196	62.8	41.3
6	11020.00	59.6 PK	74.0	-14.4	2.37 H	145	50.2	9.4
7	11020.00	51.2 AV	54.0	-2.8	2.37 H	145	41.8	9.4
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	58.6 PK	74.0	-15.4	2.73 V	212	55.5	3.1
2	5460.00	48.4 AV	54.0	-5.6	2.73 V	212	45.3	3.1
3	#5470.00	59.6 PK	68.2	-8.6	2.73 V	212	56.4	3.2
4	*5510.00	110.4 PK			2.73 V	212	69.1	41.3
5	*5510.00	100.7 AV			2.73 V	212	59.4	41.3
6	11020.00	59.1 PK	74.0	-14.9	2.49 V	322	49.7	9.4
7	11020.00	50.0 AV	54.0	-4.0	2.49 V	322	40.6	9.4

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	116.5 PK			2.35 H	196	75.2	41.3
2	*5550.00	106.9 AV			2.35 H	196	65.6	41.3
3	11100.00	59.8 PK	74.0	-14.2	2.49 H	135	50.3	9.5
4	11100.00	51.4 AV	54.0	-2.6	2.49 H	135	41.9	9.5
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	*5550.00	113.0 PK			2.73 V	217	71.7	41.3
2	*5550.00	103.3 AV			2.73 V	217	62.0	41.3
3	11100.00	59.1 PK	74.0	-14.9	2.61 V	310	49.6	9.5
4	11100.00	50.0 AV	54.0	-4.0	2.61 V	310	40.5	9.5

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, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE40)	Channel	CH 134：5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	114.9 PK			2.31 H	195	72.7	42.2
2	*5670.00	105.1 AV			2.31 H	195	62.9	42.2
3	#5725.00	61.3 PK	68.2	-6.9	2.31 H	195	56.7	4.6
4	11340.00	60.4 PK	74.0	-13.6	2.52 H	138	50.4	10.0
5	11340.00	52.0 AV	54.0	-2.0	2.52 H	138	42.0	10.0
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	*5670.00	111.1 PK			2.64 V	209	68.9	42.2
2	*5670.00	101.4 AV			2.64 V	209	59.2	42.2
3	#5725.00	58.2 PK	68.2	-10.0	2.64 V	209	53.6	4.6
4	11340.00	59.7 PK	74.0	-14.3	2.48 V	311	49.7	10.0
5	11340.00	50.6 AV	54.0	-3.4	2.48 V	311	40.6	10.0

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 142：5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	54.0 PK	68.2	-14.2	2.31 H	198	50.8	3.2
2	*5710.00	117.2 PK			2.31 H	198	74.8	42.4
3	*5710.00	107.7 AV			2.31 H	198	65.3	42.4
4	#5850.00	56.2 PK	68.2	-12.0	2.31 H	198	51.2	5.0
5	11420.00	60.5 PK	74.0	-13.5	2.41 H	143	50.7	9.8
6	11420.00	52.0 AV	54.0	-2.0	2.41 H	143	42.2	9.8
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	#5470.00	53.7 PK	68.2	-14.5	2.71 V	209	50.5	3.2
2	*5710.00	113.7 PK			2.71 V	209	71.3	42.4
3	*5710.00	104.1 AV			2.71 V	209	61.7	42.4
4	#5850.00	55.9 PK	68.2	-12.3	2.71 V	209	50.9	5.0
5	11420.00	59.9 PK	74.0	-14.1	2.54 V	316	50.1	9.8
6	11420.00	50.6 AV	54.0	-3.4	2.54 V	316	40.8	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 106：5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.7 PK	74.0	-12.3	2.33 H	197	58.6	3.1
2	5460.00	53.4 AV	54.0	-0.6	2.33 H	197	50.3	3.1
3	#5470.00	64.7 PK	68.2	-3.5	2.33 H	197	61.5	3.2
4	*5530.00	110.9 PK			2.33 H	197	69.6	41.3
5	*5530.00	101.2 AV			2.33 H	197	59.9	41.3
6	11060.00	59.0 PK	74.0	-15.0	2.36 H	142	49.6	9.4
7	11060.00	50.7 AV	54.0	-3.3	2.36 H	142	41.3	9.4
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	59.9 PK	74.0	-14.1	2.72 V	213	56.8	3.1
2	5460.00	51.0 AV	54.0	-3.0	2.72 V	213	47.9	3.1
3	#5470.00	62.4 PK	68.2	-5.8	2.72 V	213	59.2	3.2
4	*5530.00	107.5 PK			2.72 V	213	66.2	41.3
5	*5530.00	97.9 AV			2.72 V	213	56.6	41.3
6	11060.00	57.8 PK	74.0	-16.2	2.57 V	314	48.4	9.4
7	11060.00	49.9 AV	54.0	-4.1	2.57 V	314	40.5	9.4

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 122：5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	111.9 PK			2.32 H	198	70.3	41.6
2	*5610.00	102.2 AV			2.32 H	198	60.6	41.6
3	#5725.00	66.7 PK	68.2	-1.5	2.32 H	198	62.1	4.6
4	11220.00	60.2 PK	74.0	-13.8	2.38 H	144	50.4	9.8
5	11220.00	51.4 AV	54.0	-2.6	2.38 H	144	41.6	9.8
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	*5610.00	108.1 PK			2.72 V	212	66.5	41.6
2	*5610.00	98.5 AV			2.72 V	212	56.9	41.6
3	#5725.00	63.1 PK	68.2	-5.1	2.72 V	212	58.5	4.6
4	11220.00	59.4 PK	74.0	-14.6	2.56 V	324	49.6	9.8
5	11220.00	50.3 AV	54.0	-3.7	2.56 V	324	40.5	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 138：5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	60.9 PK	68.2	-7.3	2.30 H	197	57.7	3.2
2	*5690.00	115.0 PK			2.30 H	197	72.6	42.4
3	*5690.00	105.3 AV			2.30 H	197	62.9	42.4
4	#5850.00	67.4 PK	68.2	-0.8	2.30 H	197	62.4	5.0
5	11380.00	60.3 PK	74.0	-13.7	2.44 H	145	50.4	9.9
6	11380.00	51.9 AV	54.0	-2.1	2.44 H	145	42.0	9.9
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	#5470.00	56.3 PK	68.2	-11.9	2.77 V	212	53.1	3.2
2	*5690.00	111.6 PK			2.77 V	212	69.2	42.4
3	*5690.00	102.0 AV			2.77 V	212	59.6	42.4
4	#5850.00	62.4 PK	68.2	-5.8	2.77 V	212	57.4	5.0
5	11380.00	59.5 PK	74.0	-14.5	2.62 V	315	49.6	9.9
6	11380.00	50.1 AV	54.0	-3.9	2.62 V	315	40.2	9.9

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE160)	Channel	CH 114：5570 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.4 PK	74.0	-12.6	2.41 H	199	58.3	3.1
2	5460.00	50.2 AV	54.0	-3.8	2.41 H	199	47.1	3.1
3	#5470.00	62.4 PK	68.2	-5.8	2.41 H	199	59.2	3.2
4	*5570.00	102.0 PK			2.41 H	199	60.6	41.4
5	*5570.00	92.6 AV			2.41 H	199	51.2	41.4
6	#5725.00	56.3 PK	68.2	-11.9	2.41 H	199	51.7	4.6
7	11140.00	58.4 PK	74.0	-15.6	2.34 H	146	48.8	9.6
8	11140.00	49.9 AV	54.0	-4.1	2.34 H	146	40.3	9.6
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	55.6 PK	74.0	-18.4	2.71 V	215	52.5	3.1
2	5460.00	46.8 AV	54.0	-7.2	2.71 V	215	43.7	3.1
3	#5470.00	57.9 PK	68.2	-10.3	2.71 V	215	54.7	3.2
4	*5570.00	98.6 PK			2.71 V	215	57.2	41.4
5	*5570.00	89.2 AV			2.71 V	215	47.8	41.4
6	#5725.00	55.2 PK	68.2	-13.0	2.71 V	215	50.6	4.6
7	11140.00	57.9 PK	74.0	-16.1	2.57 V	311	48.3	9.6
8	11140.00	49.2 AV	54.0	-4.8	2.57 V	311	39.6	9.6

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	#5608.40	52.8 PK	68.2	-15.4	2.39 H	196	49.2	3.6
2	*5745.00	117.6 PK			2.39 H	196	75.2	42.4
3	*5745.00	110.1 AV			2.39 H	196	67.7	42.4
4	#5983.60	54.1 PK	68.2	-14.1	2.39 H	196	49.4	4.7
5	11490.00	57.8 PK	74.0	-16.2	1.97 H	223	48.2	9.6
6	11490.00	48.4 AV	54.0	-5.6	1.97 H	223	38.8	9.6
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	#5638.80	52.8 PK	68.2	-15.4	2.79 V	210	48.7	4.1
2	*5745.00	114.3 PK			2.79 V	210	71.9	42.4
3	*5745.00	106.7 AV			2.79 V	210	64.3	42.4
4	#5950.40	54.2 PK	68.2	-14.0	2.79 V	210	49.5	4.7
5	11490.00	56.9 PK	74.0	-17.1	2.53 V	319	47.3	9.6
6	11490.00	48.1 AV	54.0	-5.9	2.53 V	319	38.5	9.6

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, the limit was restricted at the RF Output Power.

RF Mode	802.11a	Channel	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	#5645.20	54.5 PK	68.2	-13.7	2.41 H	200	50.4	4.1
2	*5785.00	118.2 PK			2.41 H	200	75.7	42.5
3	*5785.00	110.5 AV			2.41 H	200	68.0	42.5
4	#5986.80	54.8 PK	68.2	-13.4	2.41 H	200	50.1	4.7
5	11570.00	58.4 PK	74.0	-15.6	2.16 H	243	48.6	9.8
6	11570.00	48.7 AV	54.0	-5.3	2.16 H	243	38.9	9.8
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	#5600.80	52.1 PK	68.2	-16.1	2.73 V	209	48.5	3.6
2	*5785.00	114.7 PK			2.73 V	209	72.2	42.5
3	*5785.00	107.1 AV			2.73 V	209	64.6	42.5
4	#5952.00	54.7 PK	68.2	-13.5	2.73 V	209	50.0	4.7
5	11570.00	57.2 PK	74.0	-16.8	2.55 V	318	47.4	9.8
6	11570.00	48.3 AV	54.0	-5.7	2.55 V	318	38.5	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.00	54.0 PK	68.2	-14.2	2.40 H	197	49.8	4.2
2	*5825.00	117.5 PK			2.40 H	197	74.8	42.7
3	*5825.00	110.1 AV			2.40 H	197	67.4	42.7
4	#5942.40	54.6 PK	68.2	-13.6	2.40 H	197	49.9	4.7
5	11650.00	58.4 PK	74.0	-15.6	2.01 H	226	48.4	10.0
6	11650.00	49.0 AV	54.0	-5.0	2.01 H	226	39.0	10.0
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	#5647.20	53.0 PK	68.2	-15.2	2.75 V	213	48.9	4.1
2	*5825.00	114.0 PK			2.75 V	213	71.3	42.7
3	*5825.00	106.5 AV			2.75 V	213	63.8	42.7
4	#5999.20	54.2 PK	68.2	-14.0	2.75 V	213	49.5	4.7
5	11650.00	57.2 PK	74.0	-16.8	2.57 V	325	47.2	10.0
6	11650.00	48.2 AV	54.0	-5.8	2.57 V	325	38.2	10.0

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	#5600.40	54.2 PK	68.2	-14.0	2.41 H	198	50.6	3.6
2	*5745.00	117.5 PK			2.41 H	198	75.1	42.4
3	*5745.00	107.7 AV			2.41 H	198	65.3	42.4
4	#5932.00	56.1 PK	68.2	-12.1	2.41 H	198	51.4	4.7
5	11490.00	58.1 PK	74.0	-15.9	2.18 H	247	48.5	9.6
6	11490.00	48.5 AV	54.0	-5.5	2.18 H	247	38.9	9.6
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	#5622.40	53.3 PK	68.2	-14.9	2.76 V	213	49.6	3.7
2	*5745.00	113.8 PK			2.76 V	213	71.4	42.4
3	*5745.00	104.2 AV			2.76 V	213	61.8	42.4
4	#5933.60	54.0 PK	68.2	-14.2	2.76 V	213	49.3	4.7
5	11490.00	57.2 PK	74.0	-16.8	2.51 V	314	47.6	9.6
6	11490.00	48.0 AV	54.0	-6.0	2.51 V	314	38.4	9.6

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	#5641.60	53.5 PK	68.2	-14.7	2.38 H	197	49.4	4.1
2	*5785.00	118.0 PK			2.38 H	197	75.5	42.5
3	*5785.00	108.4 AV			2.38 H	197	65.9	42.5
4	#5966.40	54.2 PK	68.2	-14.0	2.38 H	197	49.5	4.7
5	11570.00	58.6 PK	74.0	-15.4	2.15 H	247	48.8	9.8
6	11570.00	48.7 AV	54.0	-5.3	2.15 H	247	38.9	9.8
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	#5629.20	53.7 PK	68.2	-14.5	2.70 V	219	49.9	3.8
2	*5785.00	114.3 PK			2.70 V	219	71.8	42.5
3	*5785.00	104.6 AV			2.70 V	219	62.1	42.5
4	#5960.80	54.7 PK	68.2	-13.5	2.70 V	219	50.0	4.7
5	11570.00	57.6 PK	74.0	-16.4	2.53 V	318	47.8	9.8
6	11570.00	48.3 AV	54.0	-5.7	2.53 V	318	38.5	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	#5630.00	53.8 PK	68.2	-14.4	2.37 H	196	50.0	3.8
2	*5825.00	117.9 PK			2.35 H	201	75.2	42.7
3	*5825.00	108.3 AV			2.35 H	201	65.6	42.7
4	#5932.80	54.6 PK	68.2	-13.6	2.37 H	196	49.9	4.7
5	11650.00	58.5 PK	74.0	-15.5	2.12 H	250	48.5	10.0
6	11650.00	48.6 AV	54.0	-5.4	2.12 H	250	38.6	10.0
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	#5641.20	53.7 PK	68.2	-14.5	2.68 V	215	49.6	4.1
2	*5825.00	114.5 PK			2.68 V	215	71.8	42.7
3	*5825.00	104.8 AV			2.68 V	215	62.1	42.7
4	#5960.40	55.1 PK	68.2	-13.1	2.68 V	215	50.4	4.7
5	11650.00	57.4 PK	74.0	-16.6	2.53 V	312	47.4	10.0
6	11650.00	48.3 AV	54.0	-5.7	2.53 V	312	38.3	10.0

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 151：5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	#5649.20	56.0 PK	68.2	-12.2	2.33 H	197	51.8	4.2
2	*5755.00	116.5 PK			2.33 H	197	74.1	42.4
3	*5755.00	106.9 AV			2.33 H	197	64.5	42.4
4	#5978.40	53.7 PK	68.2	-14.5	2.33 H	197	49.0	4.7
5	11510.00	57.5 PK	74.0	-16.5	2.26 H	243	47.8	9.7
6	11510.00	48.3 AV	54.0	-5.7	2.26 H	243	38.6	9.7
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	#5647.20	54.7 PK	68.2	-13.5	2.73 V	211	50.6	4.1
2	*5755.00	112.8 PK			2.73 V	211	70.4	42.4
3	*5755.00	103.2 AV			2.73 V	211	60.8	42.4
4	#5944.00	53.7 PK	68.2	-14.5	2.73 V	211	49.0	4.7
5	11510.00	57.0 PK	74.0	-17.0	2.52 V	326	47.3	9.7
6	11510.00	47.8 AV	54.0	-6.2	2.52 V	326	38.1	9.7

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 159：5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	#5639.20	54.2 PK	68.2	-14.0	2.28 H	195	50.1	4.1
2	*5795.00	116.8 PK			2.28 H	195	74.2	42.6
3	*5795.00	107.2 AV			2.28 H	195	64.6	42.6
4	#5933.60	57.2 PK	68.2	-11.0	2.28 H	195	52.5	4.7
5	11590.00	57.7 PK	74.0	-16.3	2.27 H	241	47.7	10.0
6	11590.00	48.6 AV	54.0	-5.4	2.27 H	241	38.6	10.0
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	#5647.20	54.9 PK	68.2	-13.3	2.73 V	219	50.8	4.1
2	*5795.00	113.1 PK			2.73 V	219	70.5	42.6
3	*5795.00	103.5 AV			2.73 V	219	60.9	42.6
4	#5940.40	55.1 PK	68.2	-13.1	2.73 V	219	50.4	4.7
5	11590.00	57.3 PK	74.0	-16.7	2.52 V	315	47.3	10.0
6	11590.00	48.3 AV	54.0	-5.7	2.52 V	315	38.3	10.0

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 155：5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	#5630.00	62.4 PK	68.2	-5.8	2.35 H	197	58.6	3.8
2	*5775.00	113.4 PK			2.35 H	197	70.9	42.5
3	*5775.00	103.7 AV			2.35 H	197	61.2	42.5
4	#5933.60	61.7 PK	68.2	-6.5	2.35 H	197	57.0	4.7
5	11550.00	57.3 PK	74.0	-16.7	2.31 H	248	47.5	9.8
6	11550.00	48.3 AV	54.0	-5.7	2.31 H	248	38.5	9.8
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	#5630.00	61.5 PK	68.2	-6.7	2.75 V	205	57.7	3.8
2	*5775.00	109.7 PK			2.75 V	205	67.2	42.5
3	*5775.00	99.9 AV			2.75 V	205	57.4	42.5
4	#5939.20	58.1 PK	68.2	-10.1	2.75 V	205	53.4	4.7
5	11550.00	57.0 PK	74.0	-17.0	2.54 V	319	47.2	9.8
6	11550.00	47.9 AV	54.0	-6.1	2.54 V	319	38.1	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

Partial RU

RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	53.3 PK	74.0	-20.7	2.68 H	194	50.7	2.6
2	5150.00	42.1 AV	54.0	-11.9	2.68 H	194	39.5	2.6
3	*5180.00	115.9 PK			2.68 H	194	75.1	40.8
4	*5180.00	107.3 AV			2.68 H	194	66.5	40.8
5	#10360.00	59.0 PK	68.2	-9.2	2.05 H	201	49.5	9.5
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	5150.00	53.0 PK	74.0	-21.0	1.62 V	182	50.4	2.6
2	5150.00	41.9 AV	54.0	-12.1	1.62 V	182	39.3	2.6
3	*5180.00	112.0 PK			1.62 V	182	71.2	40.8
4	*5180.00	103.3 AV			1.62 V	182	62.5	40.8
5	#10360.00	56.9 PK	68.2	-11.3	1.05 V	291	47.4	9.5

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	114.6 PK			2.57 H	190	73.9	40.7
2	*5320.00	105.9 AV			2.57 H	190	65.2	40.7
3	5350.00	53.1 PK	74.0	-20.9	2.57 H	190	50.3	2.8
4	5350.00	42.9 AV	54.0	-11.1	2.57 H	190	40.1	2.8
5	10640.00	58.9 PK	74.0	-15.1	2.09 H	202	49.6	9.3
6	10640.00	48.8 AV	54.0	-5.2	2.09 H	202	39.5	9.3
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	*5320.00	110.8 PK			1.66 V	183	70.1	40.7
2	*5320.00	102.1 AV			1.66 V	183	61.4	40.7
3	5350.00	52.6 PK	74.0	-21.4	1.66 V	183	49.8	2.8
4	5350.00	42.5 AV	54.0	-11.5	1.66 V	183	39.7	2.8
5	10640.00	56.9 PK	74.0	-17.1	1.08 V	293	47.6	9.3
6	10640.00	46.8 AV	54.0	-7.2	1.08 V	293	37.5	9.3

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, the limit was restricted at the RF Output Power.

RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	53.4 PK	74.0	-20.6	2.58 H	185	50.3	3.1
2	5460.00	43.2 AV	54.0	-10.8	2.58 H	185	40.1	3.1
3	#5470.00	53.9 PK	68.2	-14.3	2.58 H	185	50.7	3.2
4	*5500.00	116.2 PK			2.58 H	185	74.9	41.3
5	*5500.00	106.2 AV			2.58 H	185	64.9	41.3
6	11000.00	59.2 PK	74.0	-14.8	2.07 H	198	49.8	9.4
7	11000.00	49.7 AV	54.0	-4.3	2.07 H	198	40.3	9.4
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	53.2 PK	74.0	-20.8	1.61 V	180	50.1	3.1
2	5460.00	42.9 AV	54.0	-11.1	1.61 V	180	39.8	3.1
3	#5470.00	53.6 PK	68.2	-14.6	1.61 V	180	50.4	3.2
4	*5500.00	112.6 PK			1.61 V	180	71.3	41.3
5	*5500.00	102.8 AV			1.61 V	180	61.5	41.3
6	11000.00	57.7 PK	74.0	-16.3	1.09 V	306	48.3	9.4
7	11000.00	47.3 AV	54.0	-6.7	1.09 V	306	37.9	9.4

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	115.3 PK			2.49 H	192	72.9	42.4
2	*5700.00	106.2 AV			2.49 H	192	63.8	42.4
3	#5725.00	55.0 PK	68.2	-13.2	2.49 H	192	50.4	4.6
4	11400.00	59.1 PK	74.0	-14.9	2.14 H	194	49.3	9.8
5	11400.00	49.2 AV	54.0	-4.8	2.14 H	194	39.4	9.8
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	*5700.00	112.0 PK			1.67 V	189	69.6	42.4
2	*5700.00	102.8 AV			1.67 V	189	60.4	42.4
3	#5725.00	54.4 PK	68.2	-13.8	1.67 V	189	49.8	4.6
4	11400.00	57.4 PK	74.0	-16.6	1.08 V	299	47.6	9.8
5	11400.00	47.3 AV	54.0	-6.7	1.08 V	299	37.5	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	53.0 PK	68.2	-15.2	2.33 H	194	49.8	3.2
2	*5720.00	116.3 PK			2.33 H	194	73.9	42.4
3	*5720.00	106.9 AV			2.33 H	194	64.5	42.4
4	#5850.00	55.6 PK	68.2	-12.6	2.33 H	194	50.6	5.0
5	11440.00	59.6 PK	74.0	-14.4	2.08 H	196	49.8	9.8
6	11440.00	49.5 AV	54.0	-4.5	2.08 H	196	39.7	9.8
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	#5470.00	52.8 PK	68.2	-15.4	1.66 V	181	49.6	3.2
2	*5720.00	112.8 PK			1.66 V	181	70.4	42.4
3	*5720.00	103.5 AV			1.66 V	181	61.1	42.4
4	#5850.00	55.2 PK	68.2	-13.0	1.66 V	181	50.2	5.0
5	11440.00	58.0 PK	74.0	-16.0	1.16 V	286	48.2	9.8
6	11440.00	47.6 AV	54.0	-6.4	1.16 V	286	37.8	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	*5745.00	118.0 PK			2.32 H	166	75.6	42.4
2	*5745.00	109.6 AV			2.32 H	166	67.2	42.4
3	11490.00	63.4 PK	74.0	-10.6	2.11 H	226	53.8	9.6
4	11490.00	53.5 AV	54.0	-0.5	2.11 H	226	43.9	9.6
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	*5745.00	114.7 PK			1.73 V	191	72.3	42.4
2	*5745.00	106.2 AV			1.73 V	191	63.8	42.4
3	11490.00	61.4 PK	74.0	-12.6	2.33 V	246	51.8	9.6
4	11490.00	52.7 AV	54.0	-1.3	2.33 V	246	43.1	9.6

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, the limit was restricted at the RF Output Power.

RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	*5825.00	118.0 PK			2.38 H	172	75.3	42.7
2	*5825.00	109.4 AV			2.38 H	172	66.7	42.7
3	11650.00	63.9 PK	74.0	-10.1	2.10 H	226	53.9	10.0
4	11650.00	53.5 AV	54.0	-0.5	2.10 H	226	43.5	10.0
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	*5825.00	114.6 PK			1.68 V	190	71.9	42.7
2	*5825.00	106.1 AV			1.68 V	190	63.4	42.7
3	11650.00	61.7 PK	74.0	-12.3	2.36 V	249	51.7	10.0
4	11650.00	52.6 AV	54.0	-1.4	2.36 V	249	42.6	10.0

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, the limit was restricted at the RF Output Power.

RF Mode	20 MHz Preamble 802.11ax (RU52)	Channel	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	53.8 PK	74.0	-20.2	2.67 H	194	51.2	2.6
2	5150.00	42.9 AV	54.0	-11.1	2.67 H	194	40.3	2.6
3	*5180.00	117.5 PK			1.67 H	194	76.7	40.8
4	*5180.00	107.6 AV			1.67 H	194	66.8	40.8
5	#10360.00	59.1 PK	68.2	-9.1	2.03 H	197	49.6	9.5
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	5150.00	53.4 PK	74.0	-20.6	1.63 V	184	50.8	2.6
2	5150.00	42.5 AV	54.0	-11.5	1.63 V	184	39.9	2.6
3	*5180.00	113.3 PK			1.63 V	184	72.5	40.8
4	*5180.00	103.5 AV			1.63 V	184	62.7	40.8
5	#10360.00	57.0 PK	68.2	-11.2	1.06 V	293	47.5	9.5

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	20 MHz Preamble 802.11ax (RU52)	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	115.0 PK			2.61 H	191	74.3	40.7
2	*5320.00	106.4 AV			2.61 H	191	65.7	40.7
3	5350.00	53.7 PK	74.0	-20.3	2.61 H	191	50.9	2.8
4	5350.00	43.4 AV	54.0	-10.6	2.61 H	191	40.6	2.8
5	10640.00	59.0 PK	74.0	-15.0	2.08 H	196	49.7	9.3
6	10640.00	48.8 AV	54.0	-5.2	2.08 H	196	39.5	9.3
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	*5320.00	111.2 PK			1.65 V	184	70.5	40.7
2	*5320.00	102.5 AV			1.65 V	184	61.8	40.7
3	5350.00	53.2 PK	74.0	-20.8	1.65 V	184	50.4	2.8
4	5350.00	42.9 AV	54.0	-11.1	1.65 V	184	40.1	2.8
5	10640.00	56.9 PK	74.0	-17.1	1.06 V	287	47.6	9.3
6	10640.00	46.8 AV	54.0	-7.2	1.06 V	287	37.5	9.3

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, the limit was restricted at the RF Output Power.

RF Mode	20 MHz Preamble 802.11ax (RU52)	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	54.4 PK	74.0	-19.6	2.55 H	194	51.3	3.1
2	5460.00	44.0 AV	54.0	-10.0	2.55 H	194	40.9	3.1
3	#5470.00	54.9 PK	68.2	-13.3	2.55 H	194	51.7	3.2
4	*5500.00	116.1 PK			2.55 H	194	74.8	41.3
5	*5500.00	106.7 AV			2.55 H	194	65.4	41.3
6	11000.00	59.3 PK	74.0	-14.7	2.13 H	204	49.9	9.4
7	11000.00	49.7 AV	54.0	-4.3	2.13 H	204	40.3	9.4
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	53.9 PK	74.0	-20.1	1.64 V	186	50.8	3.1
2	5460.00	43.6 AV	54.0	-10.4	1.64 V	186	40.5	3.1
3	#5470.00	54.4 PK	68.2	-13.8	1.64 V	186	51.2	3.2
4	*5500.00	112.6 PK			1.64 V	186	71.3	41.3
5	*5500.00	103.2 AV			1.64 V	186	61.9	41.3
6	11000.00	57.7 PK	74.0	-16.3	1.09 V	287	48.3	9.4
7	11000.00	47.2 AV	54.0	-6.8	1.09 V	287	37.8	9.4

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	20 MHz Preamble 802.11ax (RU52)	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	116.2 PK			2.50 H	172	73.8	42.4
2	*5700.00	106.3 AV			2.50 H	172	63.9	42.4
3	#5725.00	55.5 PK	68.2	-12.7	2.50 H	172	50.9	4.6
4	11400.00	59.2 PK	74.0	-14.8	2.08 H	211	49.4	9.8
5	11400.00	49.2 AV	54.0	-4.8	2.08 H	211	39.4	9.8
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	*5700.00	112.6 PK			1.66 V	182	70.2	42.4
2	*5700.00	102.9 AV			1.66 V	182	60.5	42.4
3	#5725.00	55.3 PK	68.2	-12.9	1.66 V	182	50.7	4.6
4	11400.00	57.5 PK	74.0	-16.5	1.18 V	297	47.7	9.8
5	11400.00	47.4 AV	54.0	-6.6	1.18 V	297	37.6	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	20 MHz Preamble 802.11ax (RU52)	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	53.3 PK	68.2	-14.9	2.32 H	194	50.1	3.2
2	*5720.00	116.3 PK			2.32 H	194	73.9	42.4
3	*5720.00	106.8 AV			2.32 H	194	64.4	42.4
4	#5850.00	55.8 PK	68.2	-12.4	2.32 H	194	50.8	5.0
5	11440.00	59.5 PK	74.0	-14.5	2.12 H	202	49.7	9.8
6	11440.00	49.4 AV	54.0	-4.6	2.12 H	202	39.6	9.8
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	#5470.00	53.3 PK	68.2	-14.9	1.67 V	177	50.1	3.2
2	*5720.00	112.7 PK			1.67 V	177	70.3	42.4
3	*5720.00	103.3 AV			1.67 V	177	60.9	42.4
4	#5850.00	55.5 PK	68.2	-12.7	1.67 V	177	50.5	5.0
5	11440.00	58.0 PK	74.0	-16.0	1.17 V	294	48.2	9.8
6	11440.00	47.5 AV	54.0	-6.5	1.17 V	294	37.7	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	20 MHz Preamble 802.11ax (RU52)	Channel	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	*5745.00	118.7 PK			2.28 H	169	76.3	42.4
2	*5745.00	109.6 AV			2.28 H	169	67.2	42.4
3	11490.00	62.8 PK	74.0	-11.2	2.14 H	221	53.2	9.6
4	11490.00	53.6 AV	54.0	-0.4	2.14 H	221	44.0	9.6
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	*5745.00	115.2 PK			1.53 V	193	72.8	42.4
2	*5745.00	106.2 AV			1.53 V	193	63.8	42.4
3	11490.00	60.9 PK	74.0	-13.1	2.29 V	247	51.3	9.6
4	11490.00	52.7 AV	54.0	-1.3	2.29 V	247	43.1	9.6

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, the limit was restricted at the RF Output Power.

RF Mode	20 MHz Preamble 802.11ax (RU52)	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	*5825.00	117.3 PK			2.29 H	168	74.6	42.7
2	*5825.00	108.1 AV			2.29 H	168	65.4	42.7
3	11650.00	63.7 PK	74.0	-10.3	2.13 H	227	53.7	10.0
4	11650.00	53.7 AV	54.0	-0.3	2.13 H	227	43.7	10.0
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	*5825.00	113.9 PK			1.72 V	192	71.2	42.7
2	*5825.00	104.7 AV			1.72 V	192	62.0	42.7
3	11650.00	61.7 PK	74.0	-12.3	2.29 V	246	51.7	10.0
4	11650.00	52.8 AV	54.0	-1.2	2.29 V	246	42.8	10.0

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, the limit was restricted at the RF Output Power.

RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	54.1 PK	74.0	-19.9	2.71 H	195	51.5	2.6
2	5150.00	43.8 AV	54.0	-10.2	2.71 H	195	41.2	2.6
3	*5180.00	116.0 PK			2.71 H	195	75.2	40.8
4	*5180.00	106.2 AV			2.71 H	195	65.4	40.8
5	#10360.00	58.9 PK	68.2	-9.3	2.07 H	203	49.4	9.5
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	5150.00	53.7 PK	74.0	-20.3	1.65 V	186	51.1	2.6
2	5150.00	43.5 AV	54.0	-10.5	1.65 V	186	40.9	2.6
3	*5180.00	112.0 PK			1.65 V	186	71.2	40.8
4	*5180.00	102.3 AV			1.65 V	186	61.5	40.8
5	#10360.00	56.8 PK	68.2	-11.4	N/A V	N/A	47.3	9.5

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	115.6 PK			2.57 H	191	74.9	40.7
2	*5320.00	106.3 AV			2.57 H	191	65.6	40.7
3	5350.00	54.4 PK	74.0	-19.6	2.57 H	191	51.6	2.8
4	5350.00	45.5 AV	54.0	-8.5	2.57 H	191	42.7	2.8
5	10640.00	58.8 PK	74.0	-15.2	2.11 H	203	49.5	9.3
6	10640.00	48.7 AV	54.0	-5.3	2.11 H	203	39.4	9.3
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	*5320.00	111.5 PK			1.60 V	187	70.8	40.7
2	*5320.00	102.3 AV			1.60 V	187	61.6	40.7
3	5350.00	53.6 PK	74.0	-20.4	1.60 V	187	50.8	2.8
4	5350.00	45.0 AV	54.0	-9.0	1.60 V	187	42.2	2.8
5	10640.00	56.6 PK	74.0	-17.4	1.06 V	294	47.3	9.3
6	10640.00	46.5 AV	54.0	-7.5	1.06 V	294	37.2	9.3

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, the limit was restricted at the RF Output Power.

RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	54.7 PK	74.0	-19.3	2.51 H	193	51.6	3.1
2	5460.00	44.2 AV	54.0	-9.8	2.51 H	193	41.1	3.1
3	#5470.00	55.5 PK	68.2	-12.7	2.51 H	193	52.3	3.2
4	*5500.00	115.5 PK			2.51 H	193	74.2	41.3
5	*5500.00	106.1 AV			2.51 H	193	64.8	41.3
6	11000.00	59.1 PK	74.0	-14.9	2.08 H	197	49.7	9.4
7	11000.00	49.6 AV	54.0	-4.4	2.08 H	197	40.2	9.4
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	54.4 PK	74.0	-19.6	1.65 V	190	51.3	3.1
2	5460.00	43.9 AV	54.0	-10.1	1.65 V	190	40.8	3.1
3	#5470.00	55.0 PK	68.2	-13.2	1.65 V	190	51.8	3.2
4	*5500.00	112.4 PK			1.65 V	190	71.1	41.3
5	*5500.00	102.9 AV			1.65 V	190	61.6	41.3
6	11000.00	57.9 PK	74.0	-16.1	1.13 V	293	48.5	9.4
7	11000.00	47.3 AV	54.0	-6.7	1.13 V	293	37.9	9.4

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	114.7 PK			2.23 H	170	72.3	42.4
2	*5700.00	105.5 AV			2.23 H	170	63.1	42.4
3	#5725.00	55.9 PK	68.2	-12.3	2.23 H	170	51.3	4.6
4	11400.00	59.3 PK	74.0	-14.7	2.02 H	195	49.5	9.8
5	11400.00	49.2 AV	54.0	-4.8	2.02 H	195	39.4	9.8
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	*5700.00	111.3 PK			1.64 V	187	68.9	42.4
2	*5700.00	102.2 AV			1.64 V	187	59.8	42.4
3	#5725.00	55.4 PK	68.2	-12.8	1.64 V	187	50.8	4.6
4	11400.00	57.4 PK	74.0	-16.6	1.13 V	287	47.6	9.8
5	11400.00	47.3 AV	54.0	-6.7	1.13 V	287	37.5	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	53.6 PK	68.2	-14.6	2.32 H	195	50.4	3.2
2	*5720.00	116.2 PK			2.32 H	195	73.8	42.4
3	*5720.00	106.7 AV			2.32 H	195	64.3	42.4
4	#5850.00	55.9 PK	68.2	-12.3	2.32 H	195	50.9	5.0
5	11440.00	59.4 PK	74.0	-14.6	2.13 H	195	49.6	9.8
6	11440.00	49.3 AV	54.0	-4.7	2.13 H	195	39.5	9.8
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	#5470.00	53.4 PK	68.2	-14.8	1.67 V	177	50.2	3.2
2	*5720.00	112.6 PK			1.67 V	177	70.2	42.4
3	*5720.00	103.2 AV			1.67 V	177	60.8	42.4
4	#5850.00	55.4 PK	68.2	-12.8	1.67 V	177	50.4	5.0
5	11440.00	58.1 PK	74.0	-15.9	1.23 V	292	48.3	9.8
6	11440.00	47.5 AV	54.0	-6.5	1.23 V	292	37.7	9.8

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, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	*5745.00	115.5 PK			2.29 H	169	73.1	42.4
2	*5745.00	106.4 AV			2.29 H	169	64.0	42.4
3	11490.00	60.8 PK	74.0	-13.2	2.09 H	223	51.2	9.6
4	11490.00	51.8 AV	54.0	-2.2	2.09 H	223	42.2	9.6
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	*5745.00	112.0 PK			1.70 V	189	69.6	42.4
2	*5745.00	102.8 AV			1.70 V	189	60.4	42.4
3	11490.00	59.9 PK	74.0	-14.1	2.24 V	249	50.3	9.6
4	11490.00	51.0 AV	54.0	-3.0	2.24 V	249	41.4	9.6

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, the limit was restricted at the RF Output Power.

RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 67 % RH
Tested By	Greg Lin		

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	*5825.00	118.9 PK			2.32 H	168	76.2	42.7
2	*5825.00	110.1 AV			2.32 H	168	67.4	42.7
3	11650.00	62.7 PK	74.0	-11.3	2.07 H	222	52.7	10.0
4	**11650.00**	**53.8 AV**	**54.0**	**-0.2**	**2.07 H**	**222**	**43.8**	**10.0**
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	*5825.00	114.4 PK			1.71 V	187	71.7	42.7
2	*5825.00	105.5 AV			1.71 V	187	62.8	42.7
3	11650.00	61.3 PK	74.0	-12.7	2.38 V	241	51.3	10.0
4	11650.00	53.1 AV	54.0	-0.9	2.38 V	241	43.1	10.0

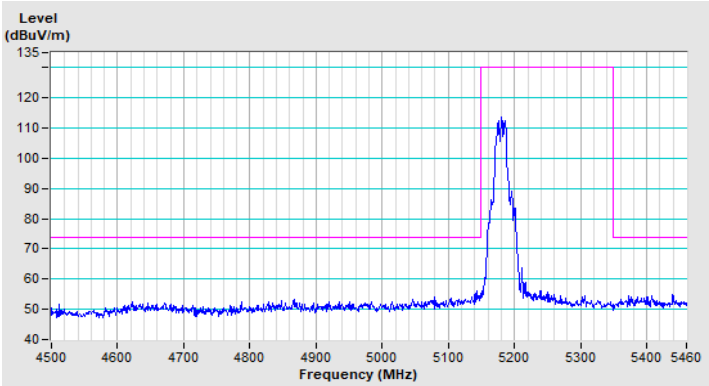
Remarks:

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, the limit was restricted at the RF Output Power.

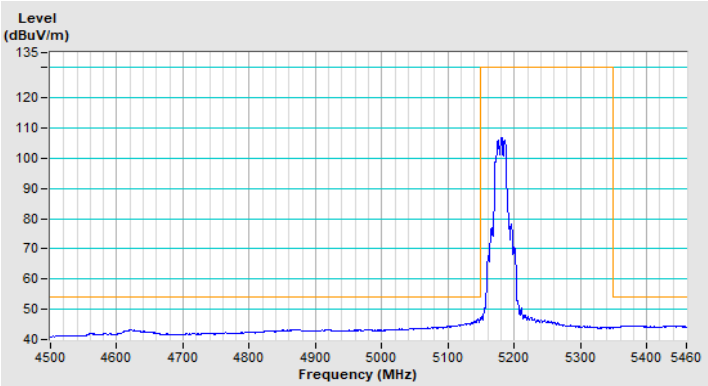
Plot of Band Edge

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

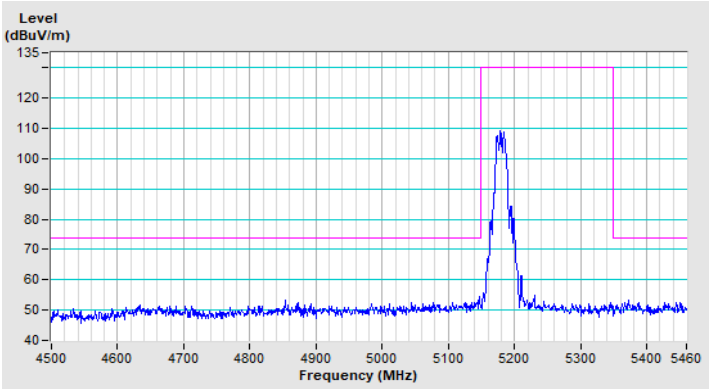
802.11a Channel 36



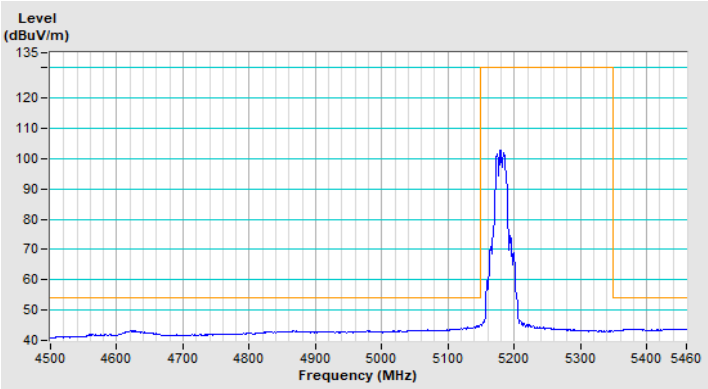
Horizontal (Peak)



Horizontal (Average)

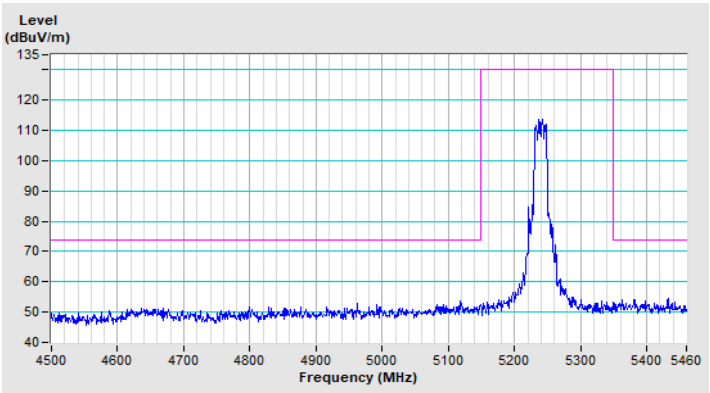


Vertical (Peak)

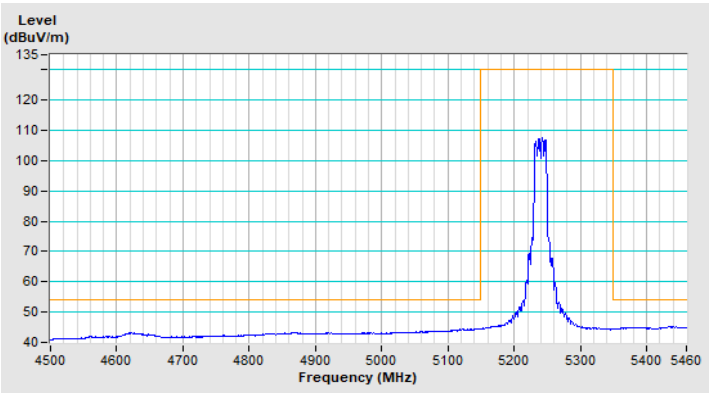


Vertical (Average)

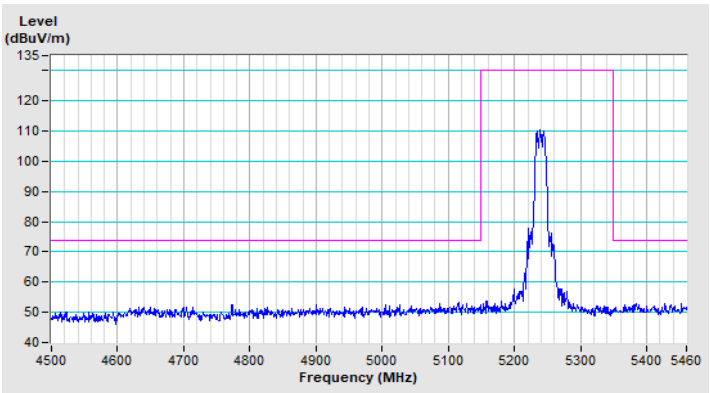
802.11a Channel 48



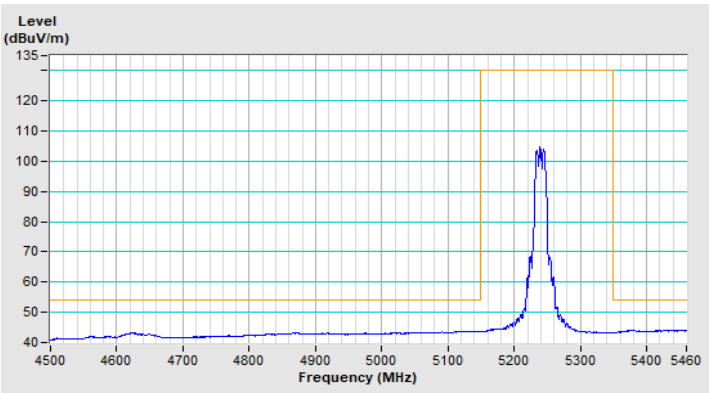
Horizontal (Peak)



Horizontal (Average)



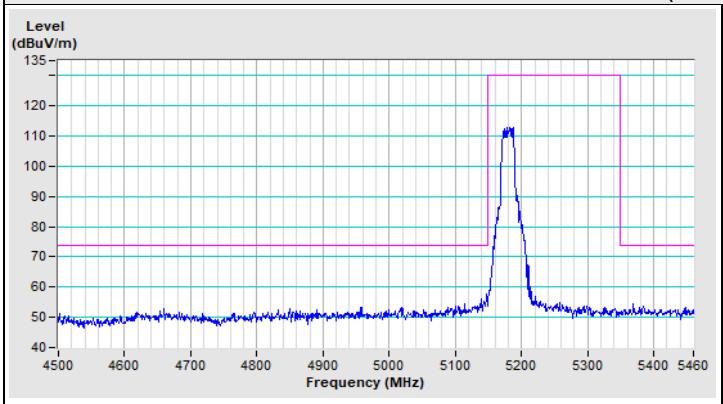
Vertical (Peak)



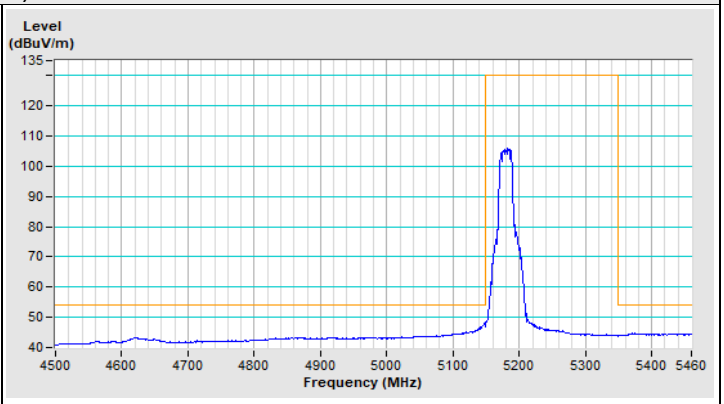
Vertical (Average)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

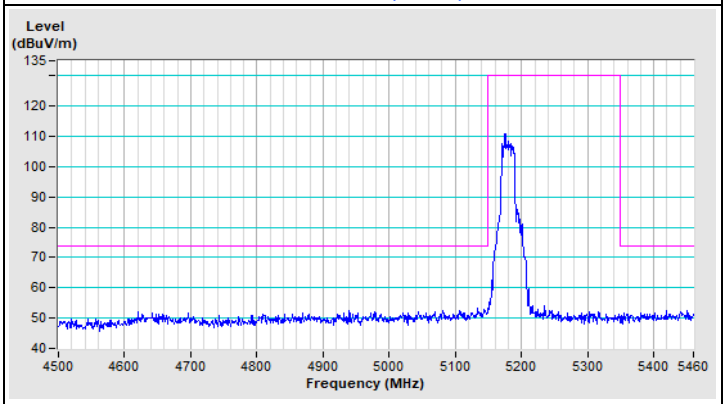
802.11ax (HE20) Channel 36



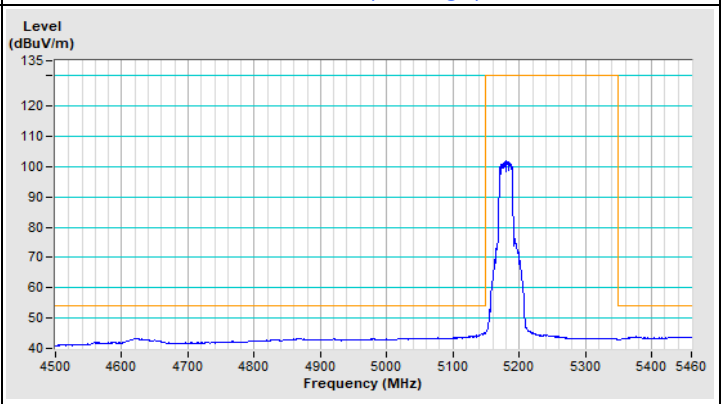
Horizontal (Peak)



Horizontal (Average)

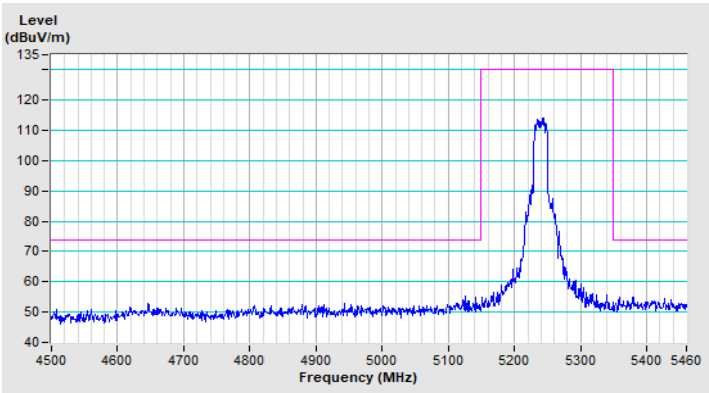


Vertical (Peak)

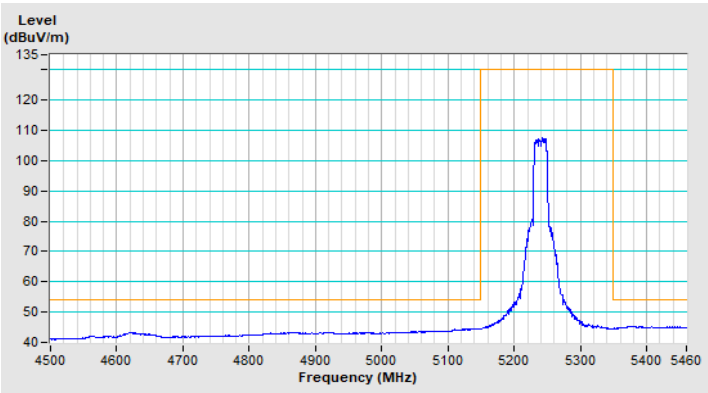


Vertical (Average)

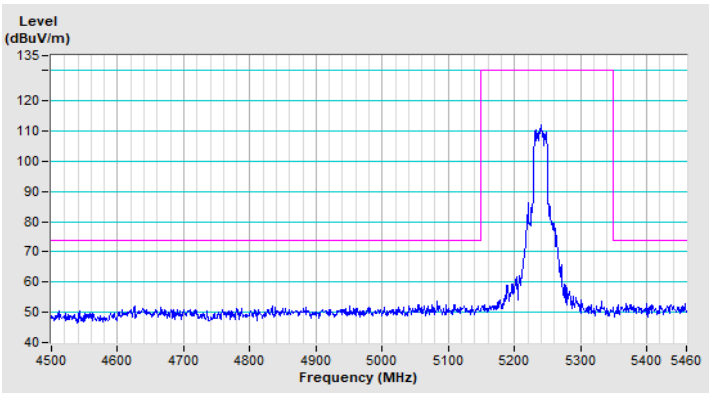
802.11ax (HE20) Channel 48



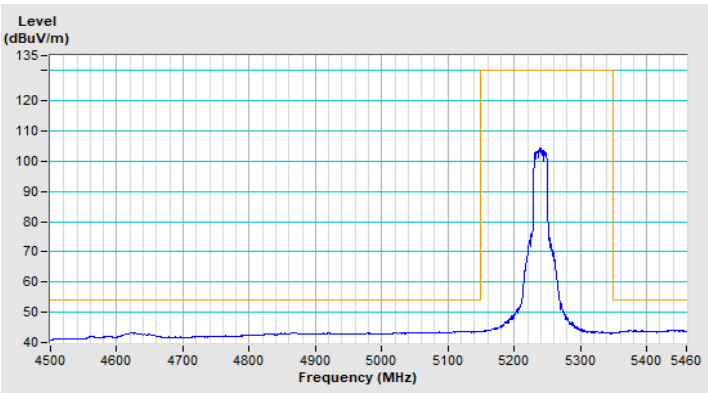
Horizontal (Peak)



Horizontal (Average)



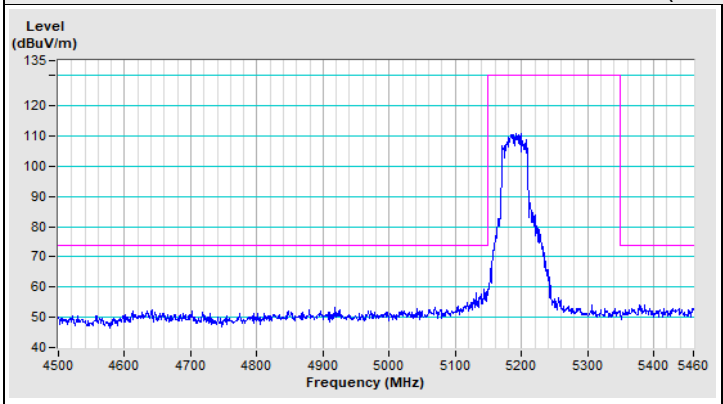
Vertical (Peak)



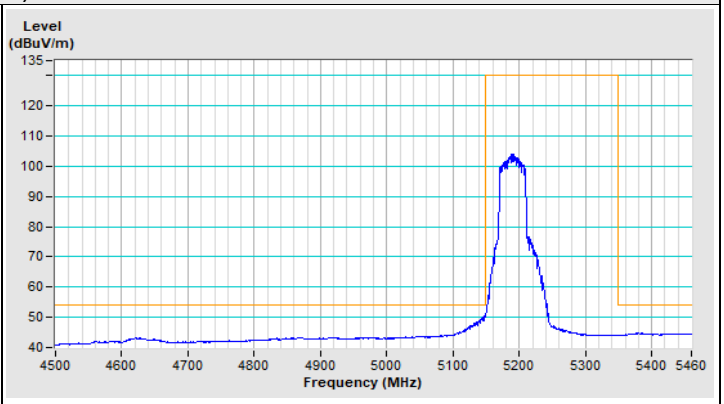
Vertical (Average)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

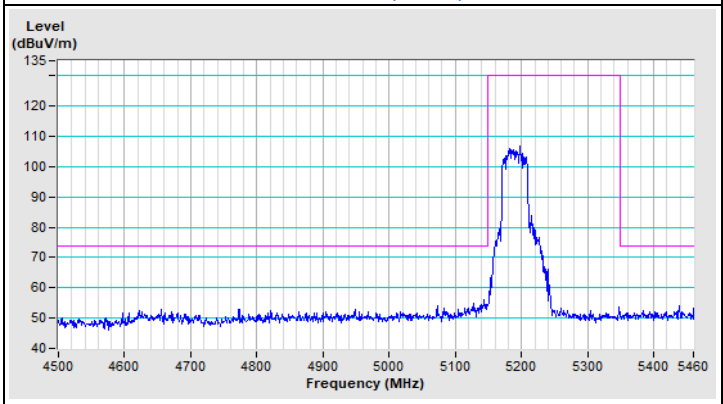
802.11ax (HE40) Channel 38



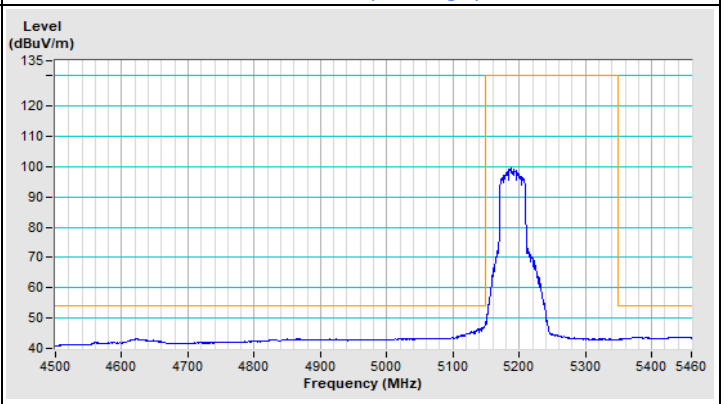
Horizontal (Peak)



Horizontal (Average)

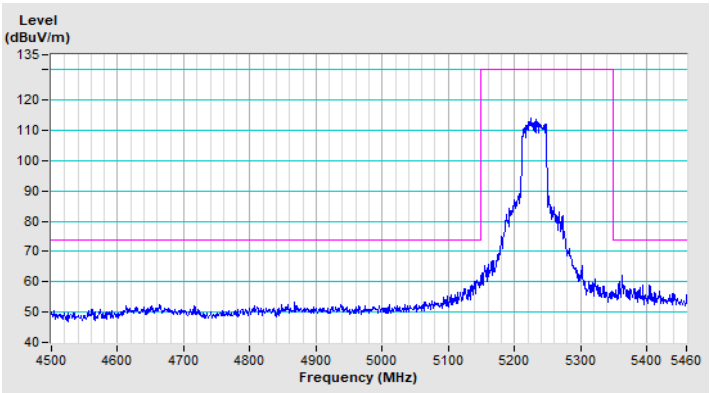


Vertical (Peak)

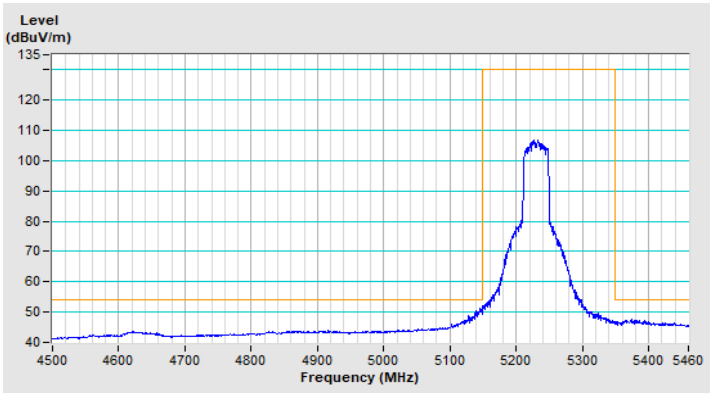


Vertical (Average)

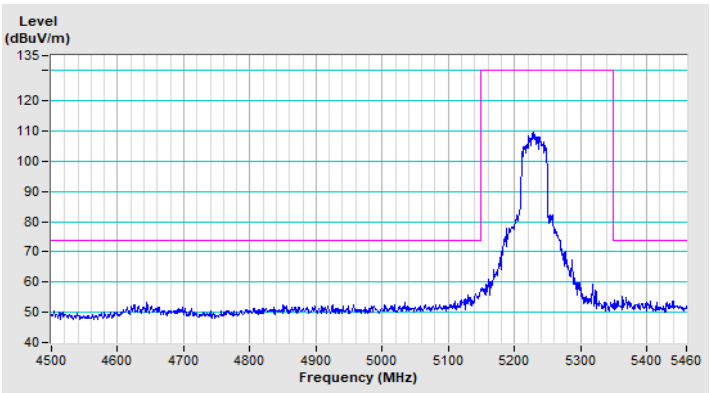
802.11ax (HE40) Channel 46



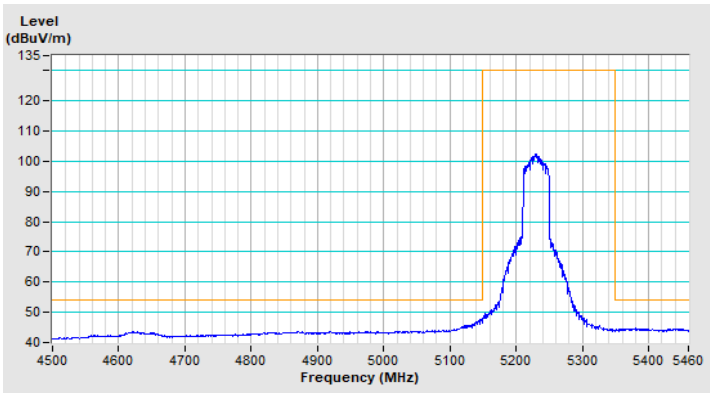
Horizontal (Peak)



Horizontal (Average)



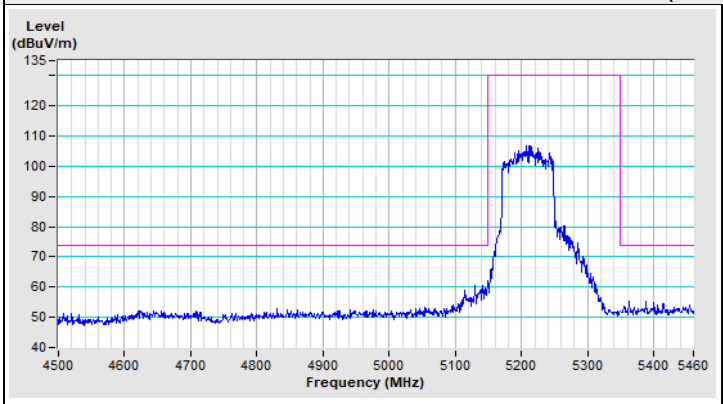
Vertical (Peak)



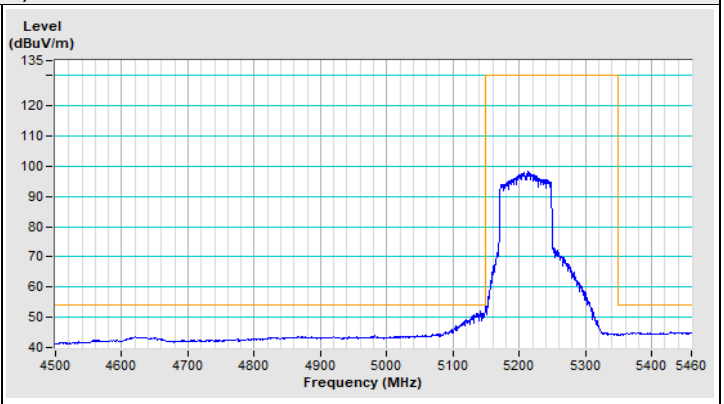
Vertical (Average)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

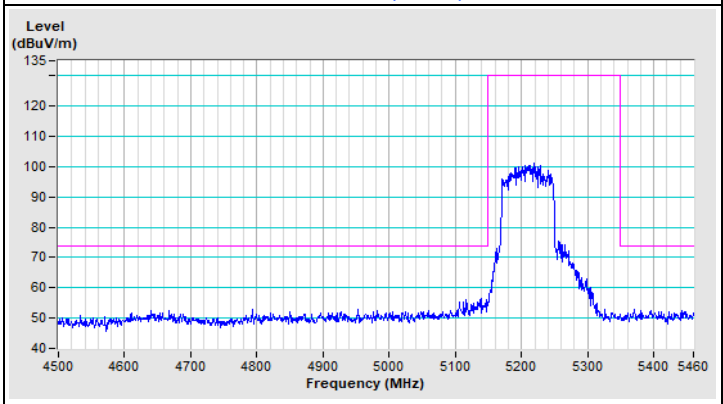
802.11ax (HE80) Channel 42



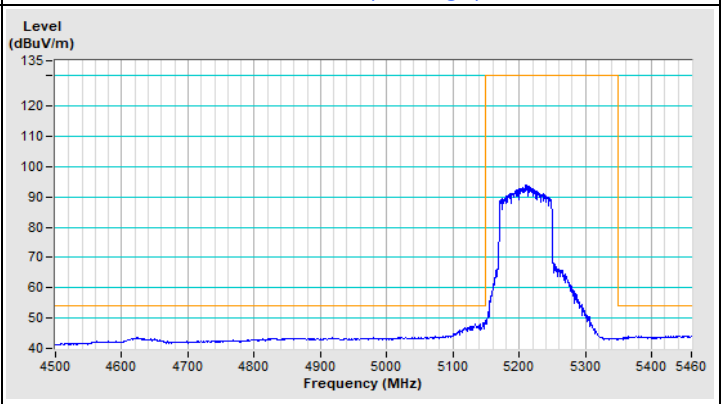
Horizontal (Peak)



Horizontal (Average)



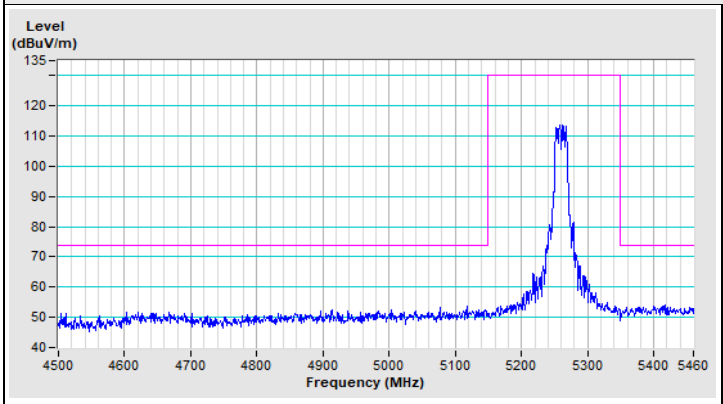
Vertical (Peak)



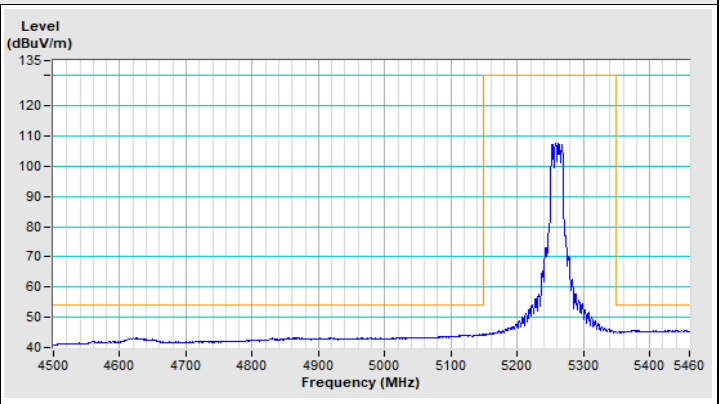
Vertical (Average)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

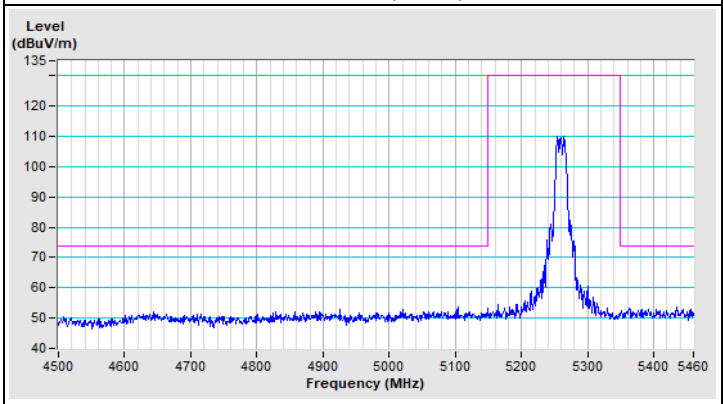
802.11a Channel 52



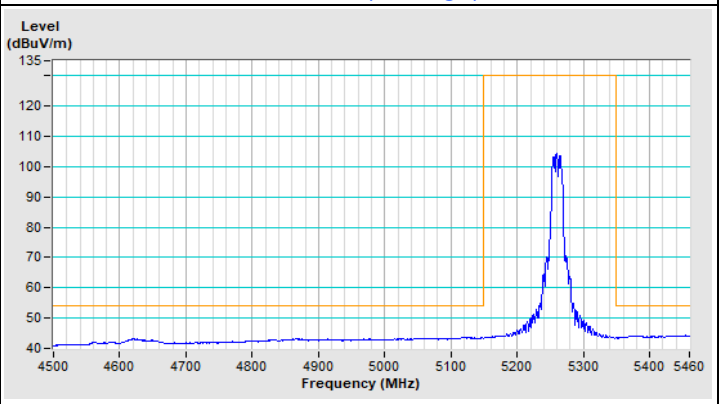
Horizontal (Peak)



Horizontal (Average)

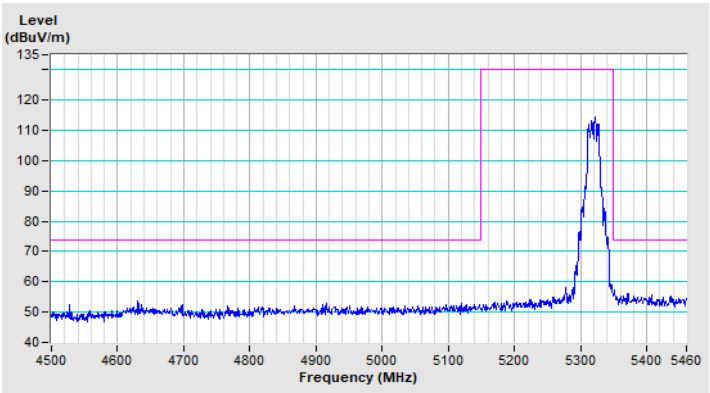


Vertical (Peak)

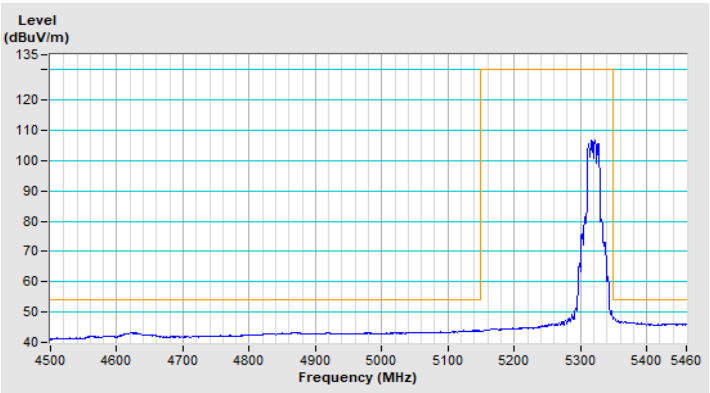


Vertical (Average)

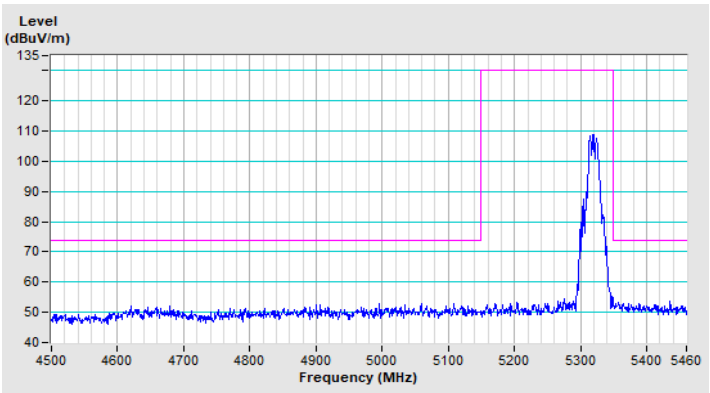
802.11a Channel 64



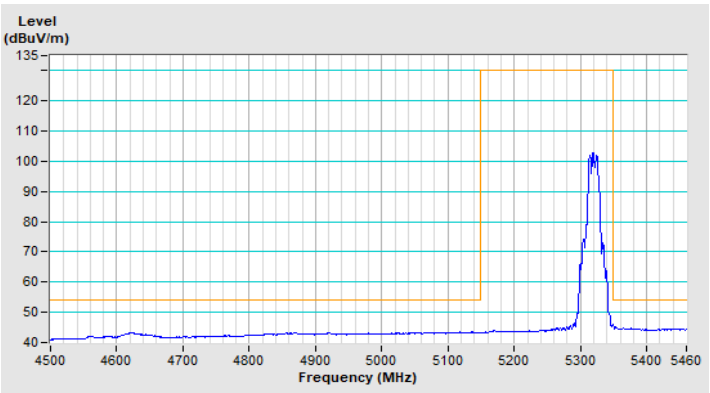
Horizontal (Peak)



Horizontal (Average)



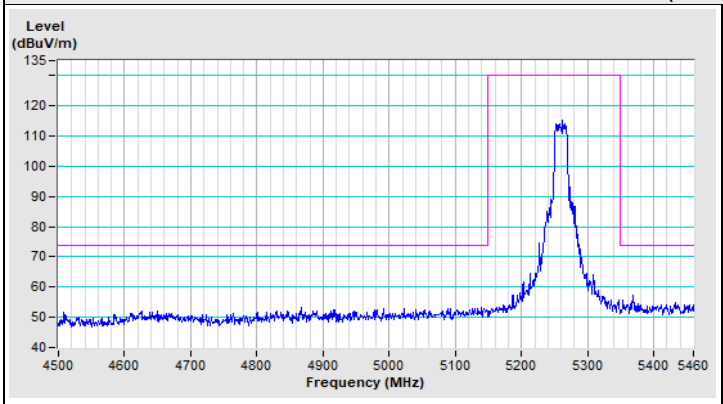
Vertical (Peak)



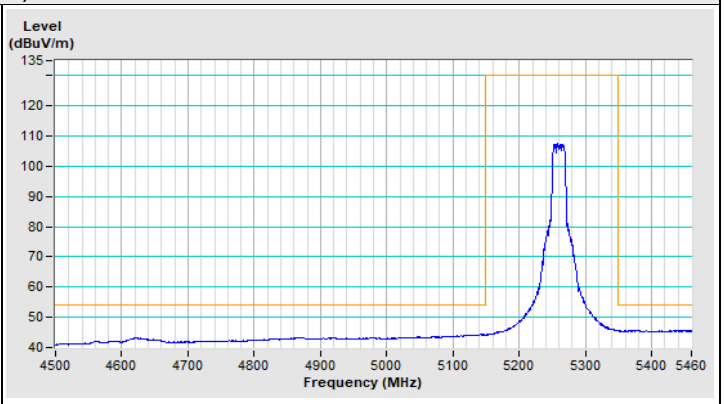
Vertical (Average)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

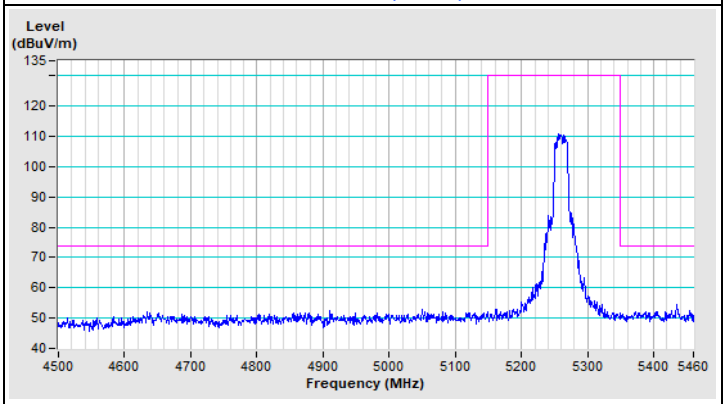
802.11ax (HE20) Channel 52



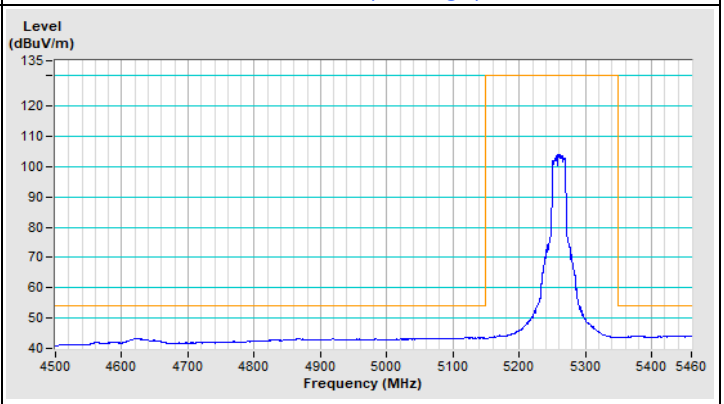
Horizontal (Peak)



Horizontal (Average)

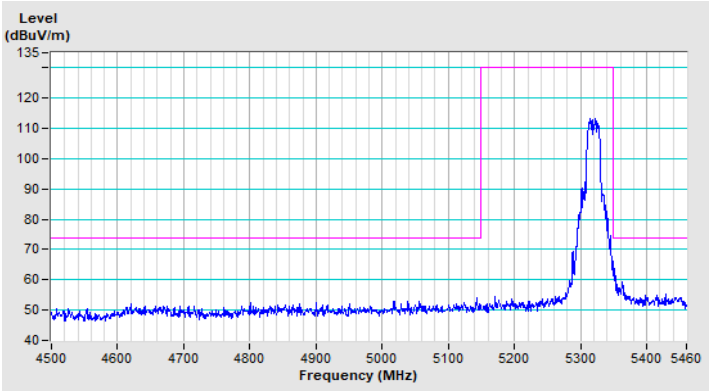


Vertical (Peak)

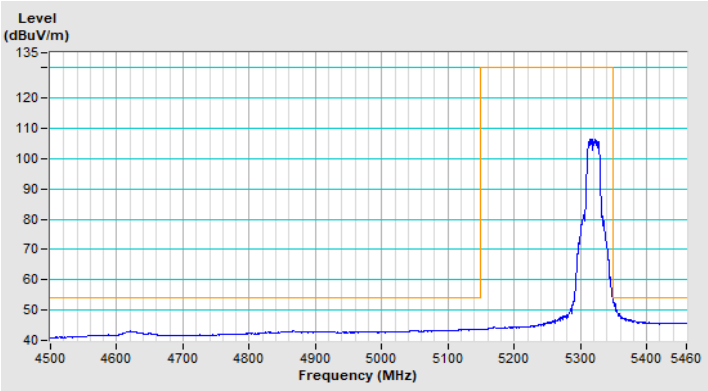


Vertical (Average)

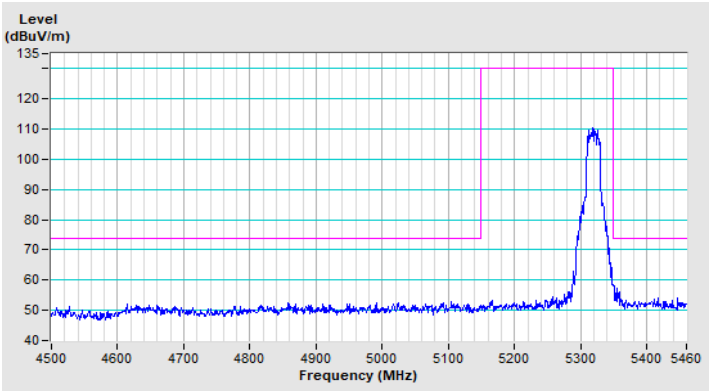
802.11ax (HE20) Channel 64



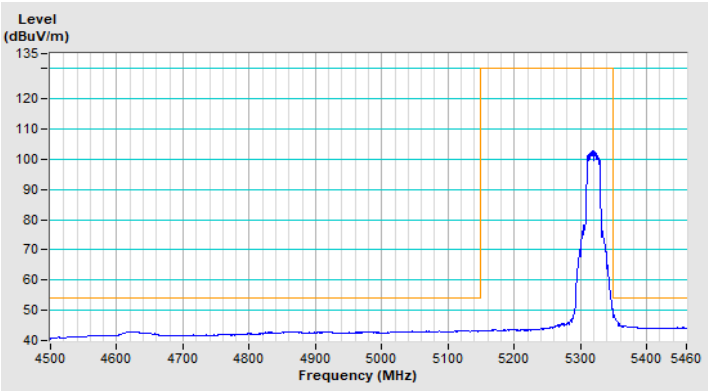
Horizontal (Peak)



Horizontal (Average)



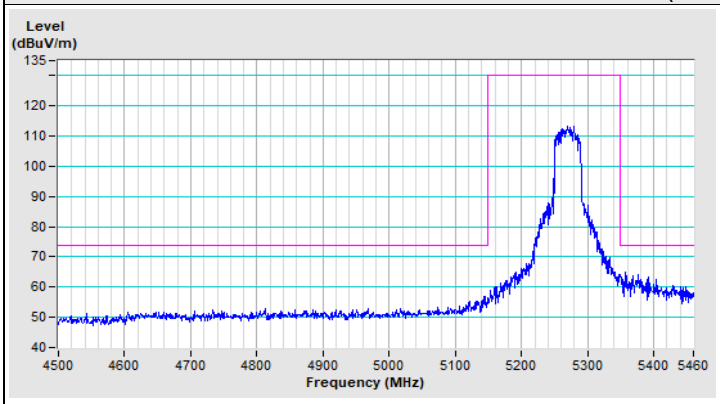
Vertical (Peak)



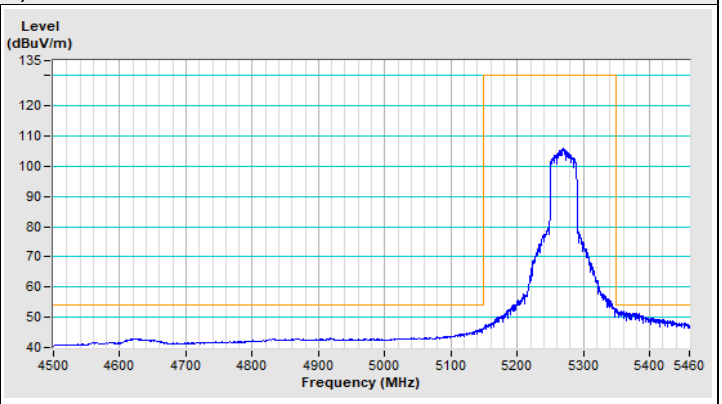
Vertical (Average)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

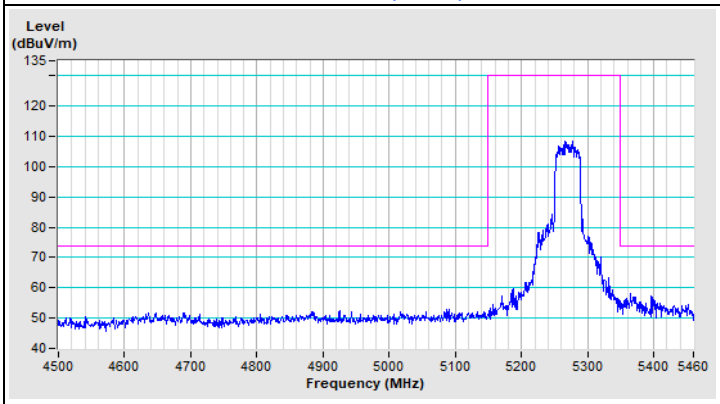
802.11ax (HE40) Channel 54



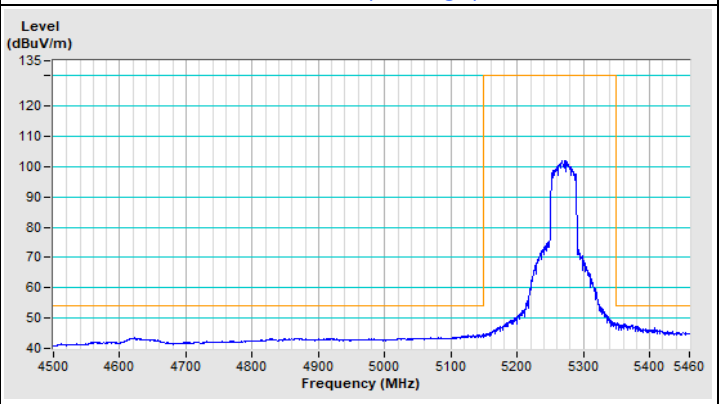
Horizontal (Peak)



Horizontal (Average)

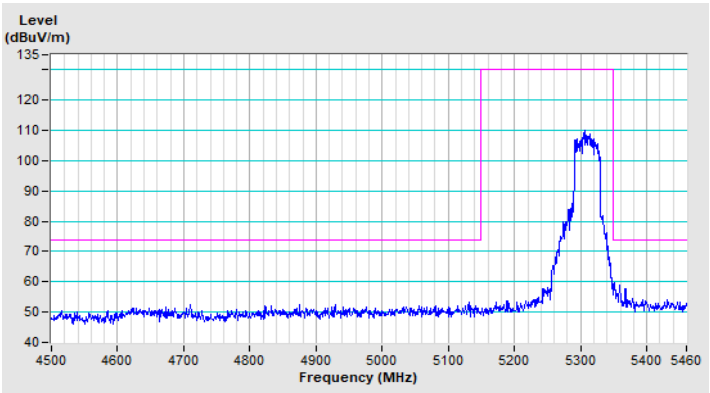


Vertical (Peak)

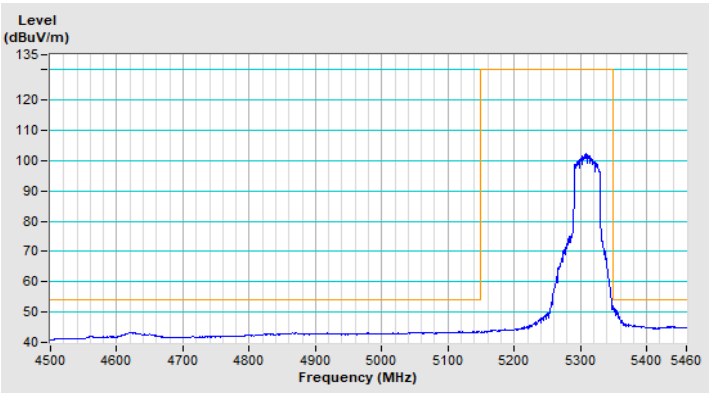


Vertical (Average)

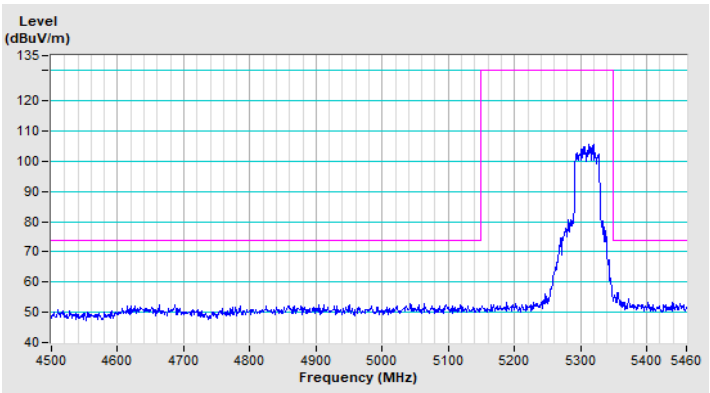
802.11ax (HE40) Channel 62



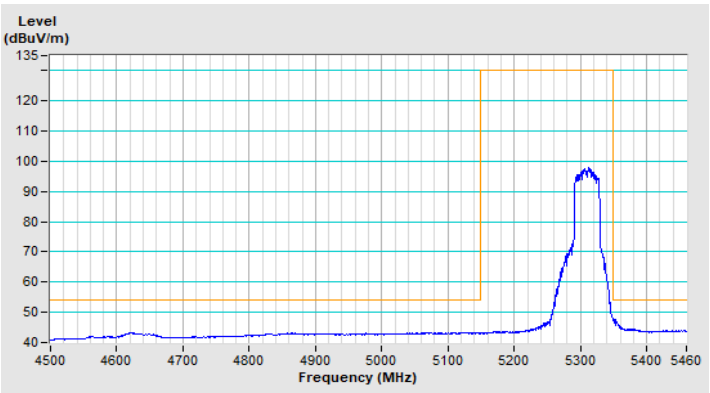
Horizontal (Peak)



Horizontal (Average)



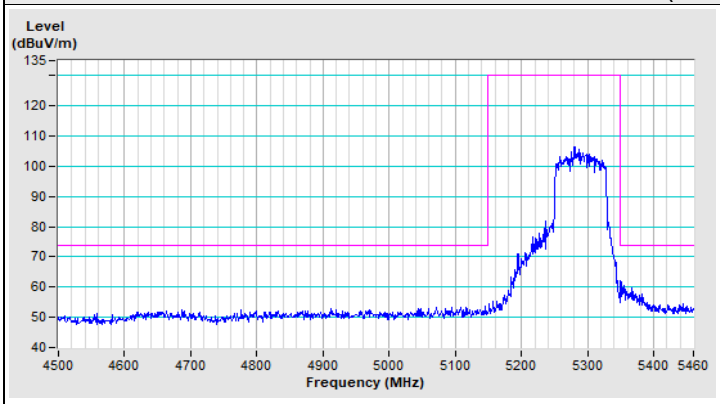
Vertical (Peak)



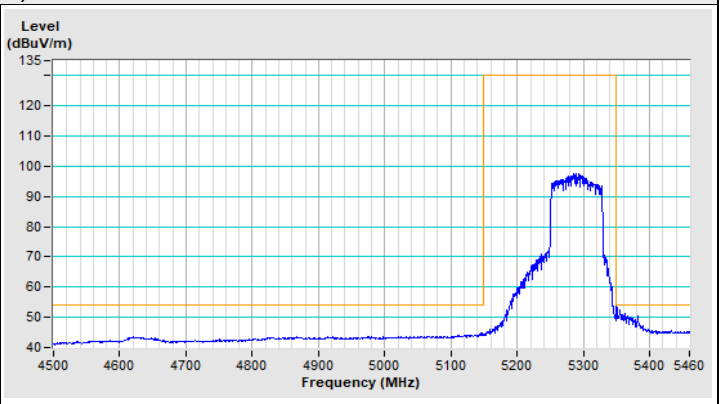
Vertical (Average)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

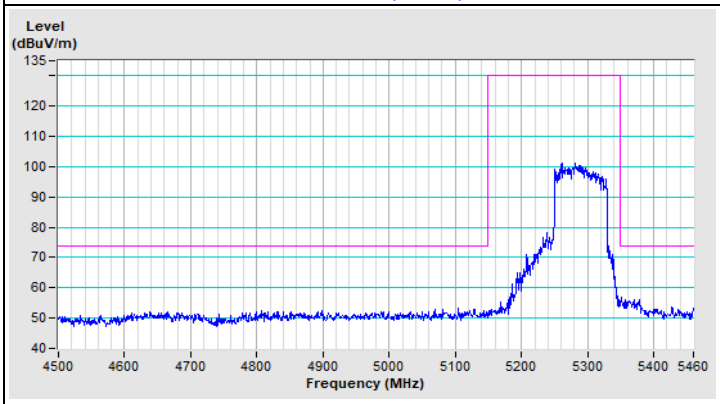
802.11ax (HE80) Channel 58



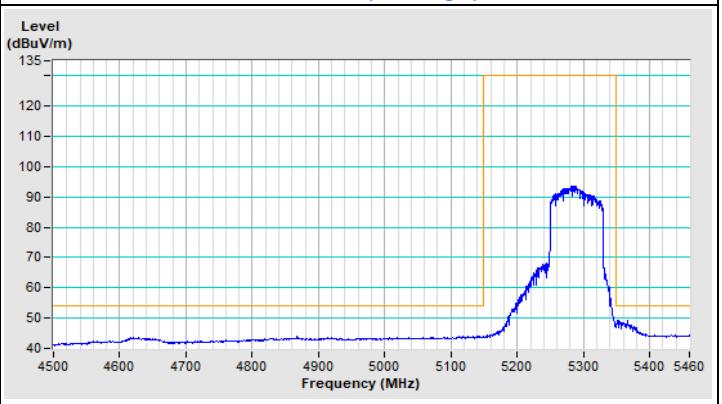
Horizontal (Peak)



Horizontal (Average)



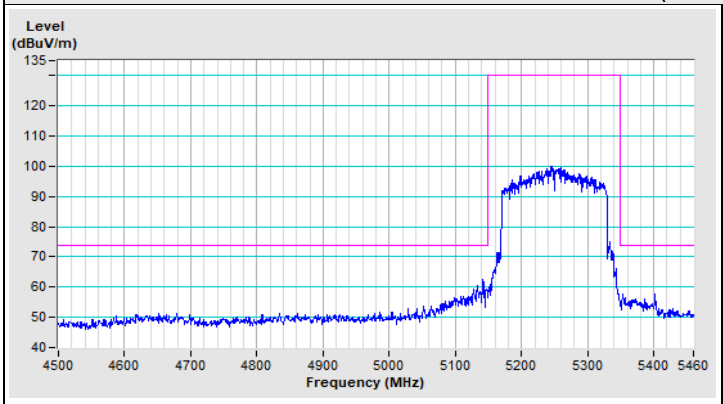
Vertical (Peak)



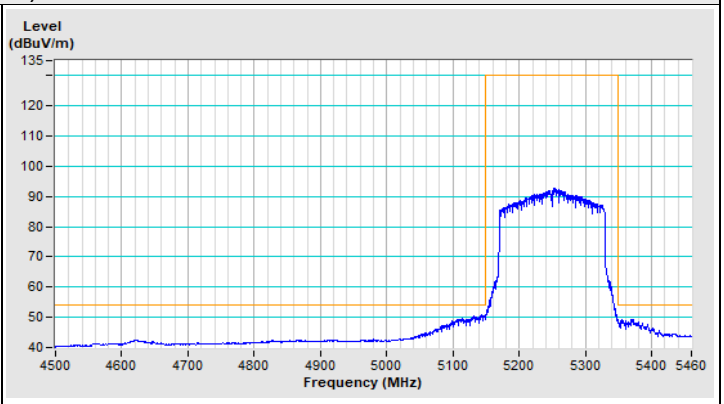
Vertical (Average)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak

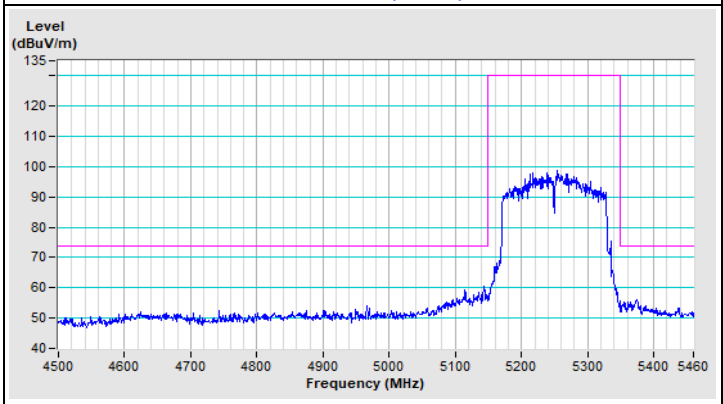
802.11ax (HE160) Channel 50



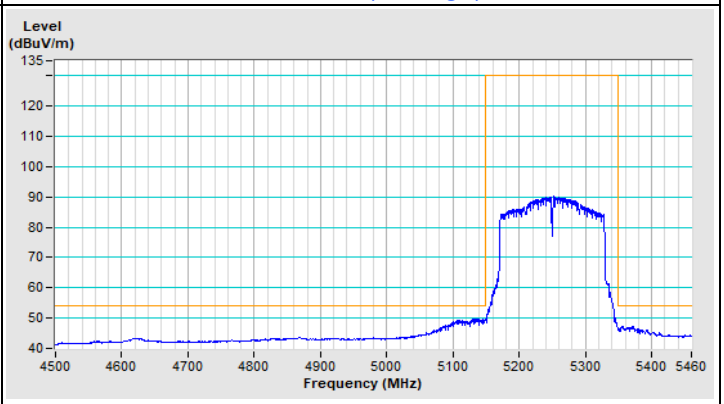
Horizontal (Peak)



Horizontal (Average)



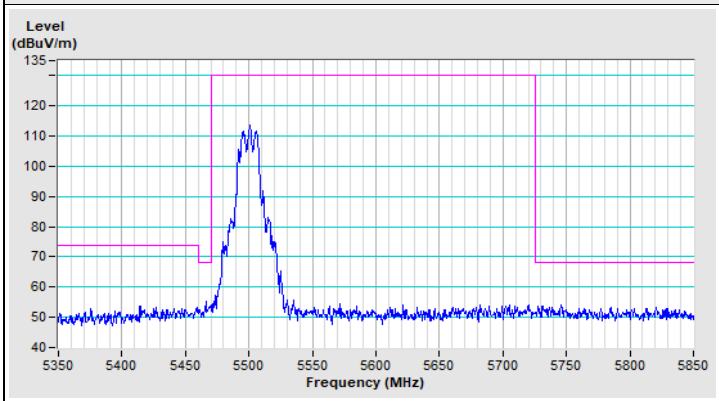
Vertical (Peak)



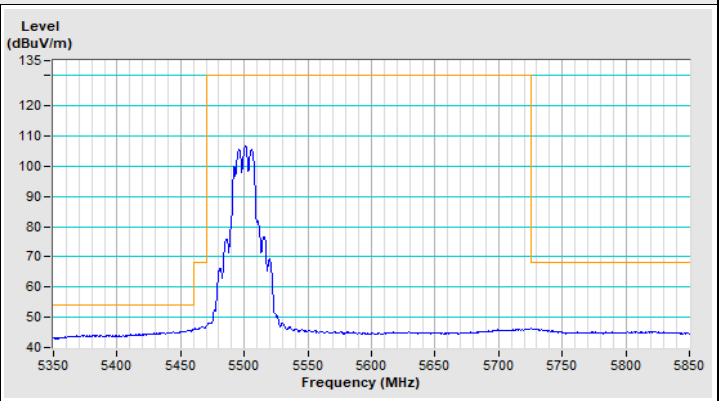
Vertical (Average)

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

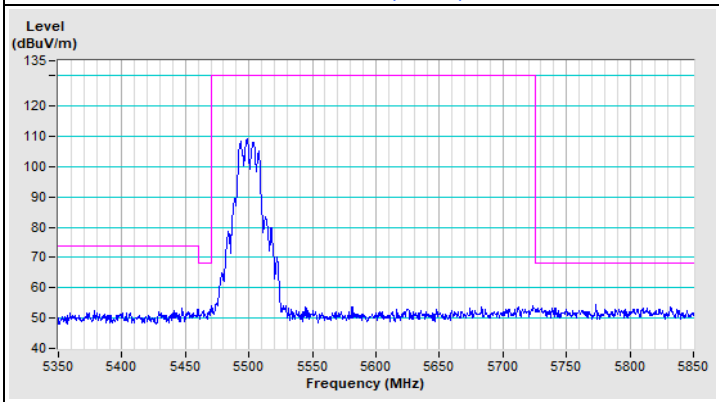
802.11a Channel 100



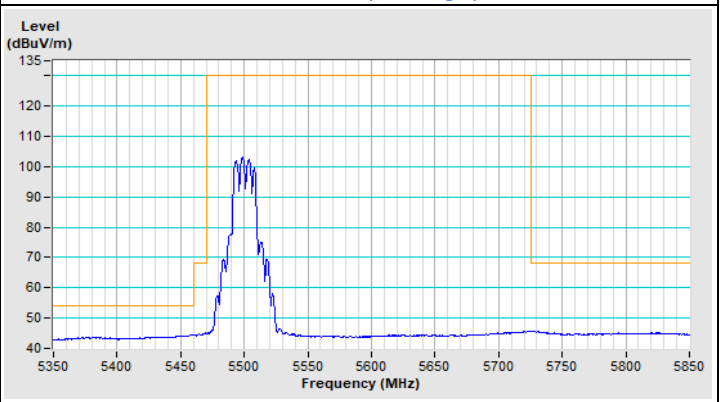
Horizontal (Peak)



Horizontal (Average)

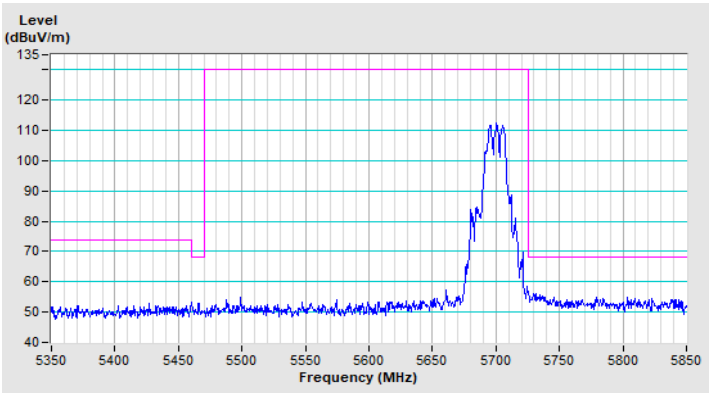


Vertical (Peak)

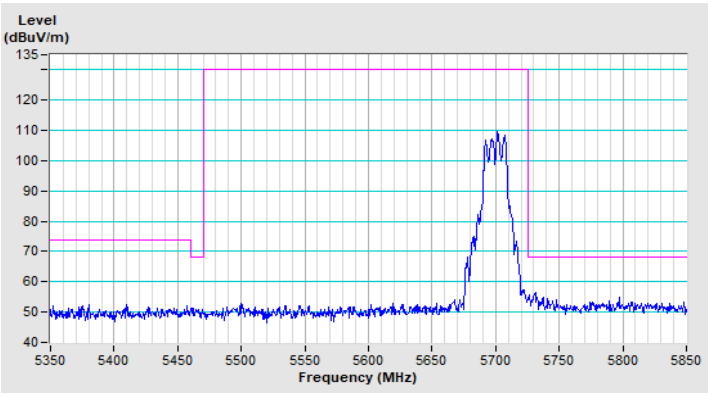


Vertical (Average)

802.11a Channel 140



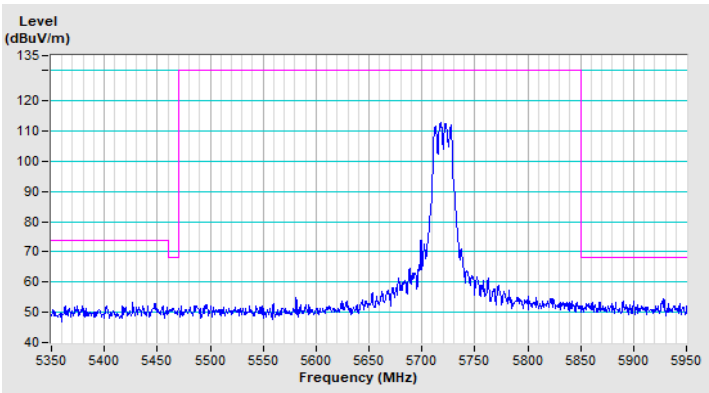
Horizontal (Peak)



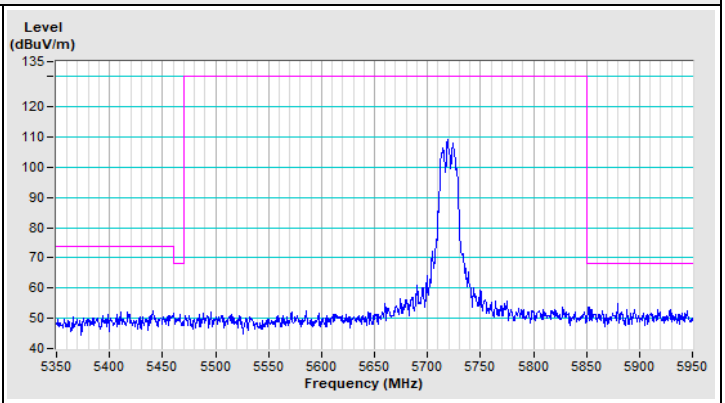
Vertical (Peak)

Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

802.11a Channel 144



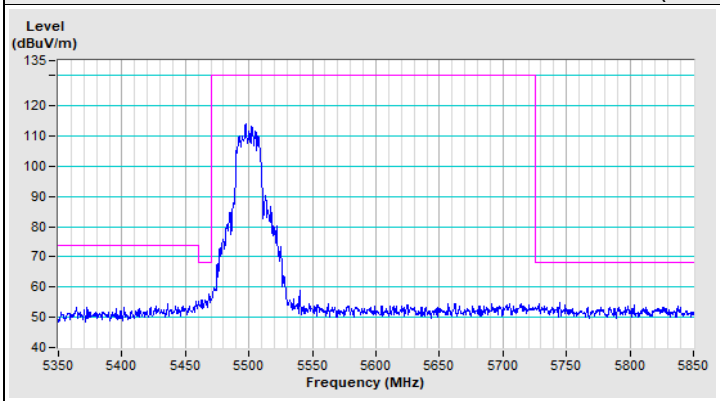
Horizontal (Peak)



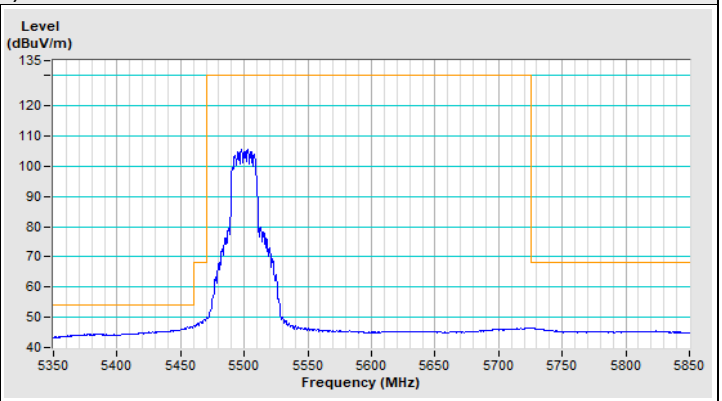
Vertical (Peak)

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

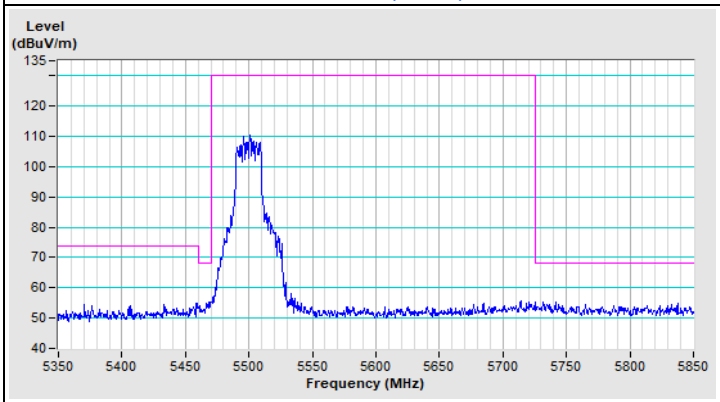
802.11ax (HE20) Channel 100



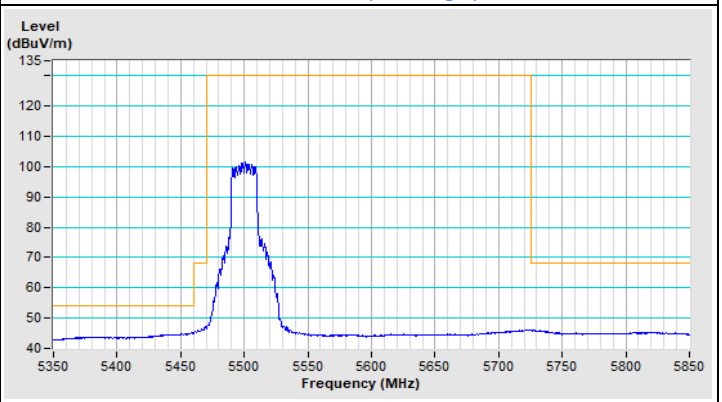
Horizontal (Peak)



Horizontal (Average)

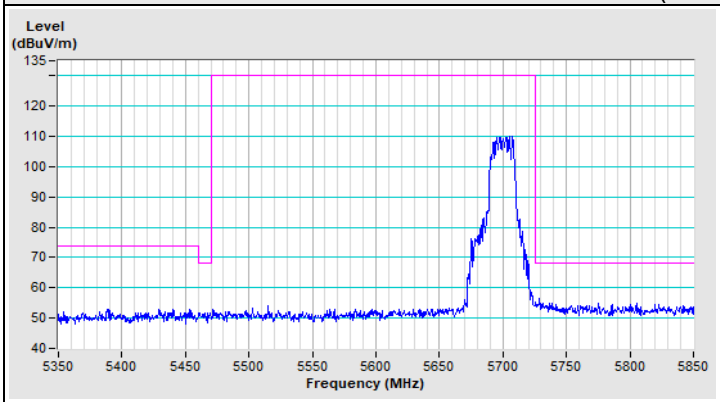


Vertical (Peak)

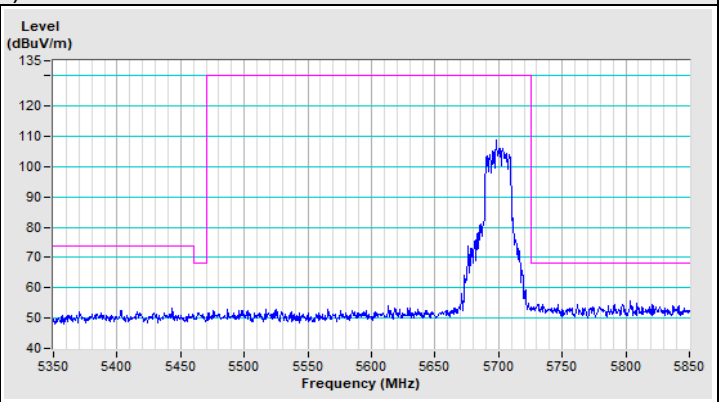


Vertical (Average)

802.11ax (HE20) Channel 140



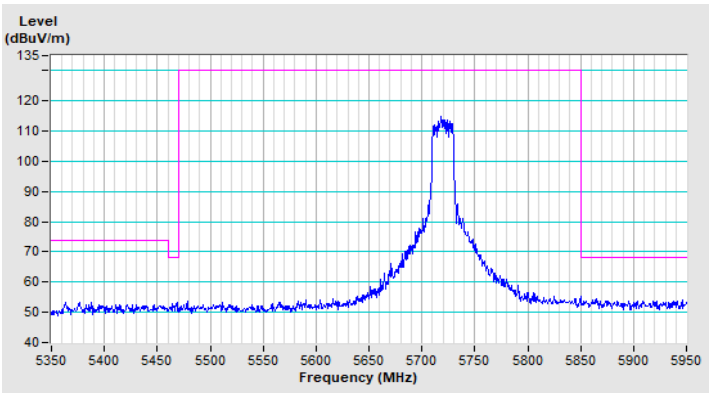
Horizontal (Peak)



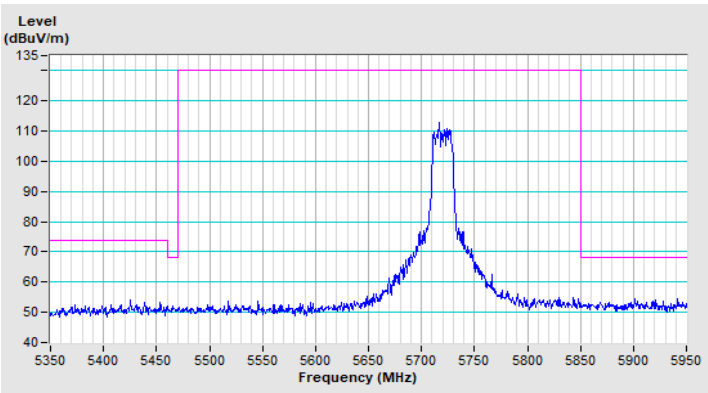
Vertical (Peak)

Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

802.11ax (HE20) Channel 144



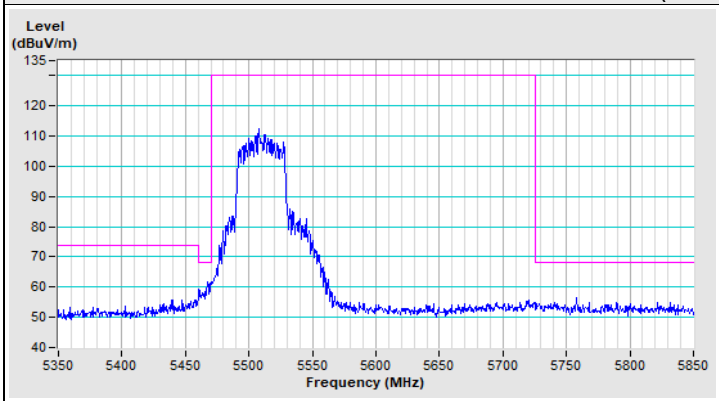
Horizontal (Peak)



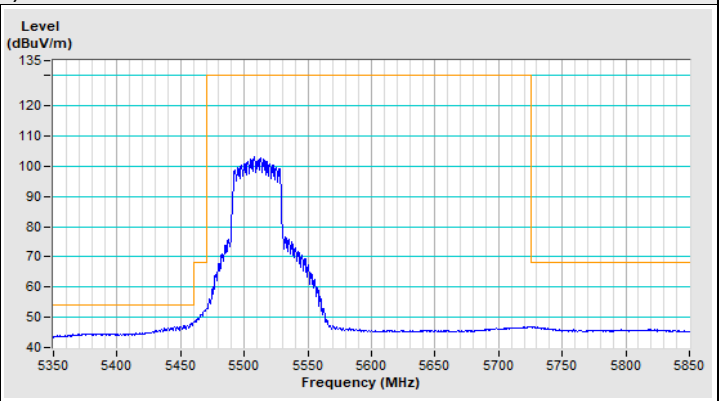
Vertical (Peak)

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

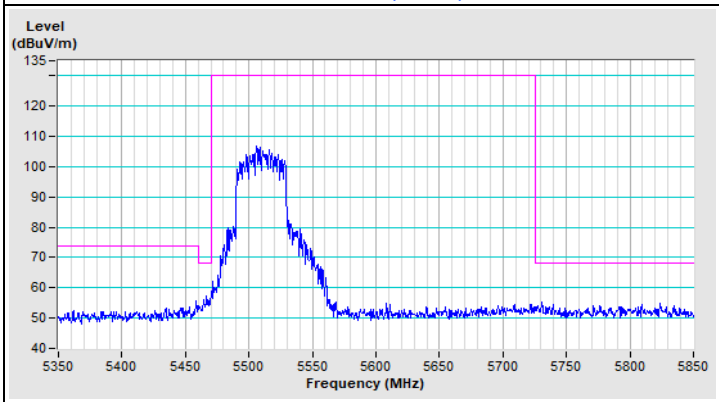
802.11ax (HE40) Channel 102



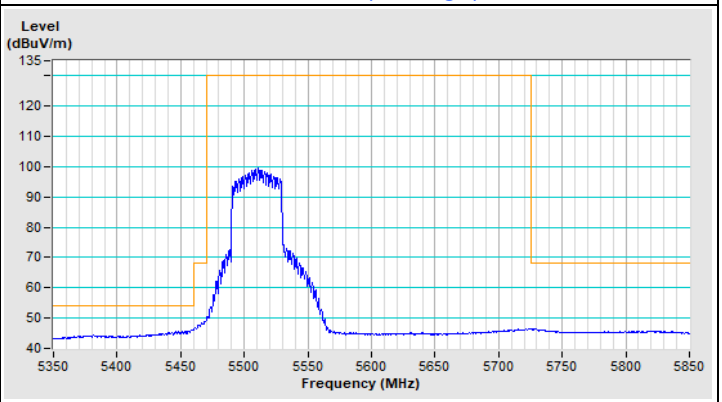
Horizontal (Peak)



Horizontal (Average)

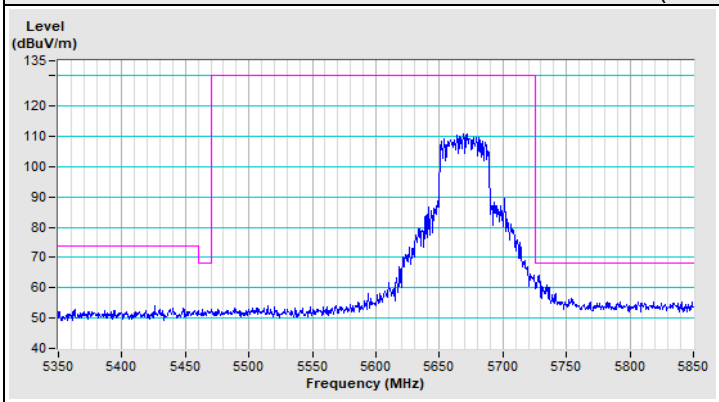


Vertical (Peak)

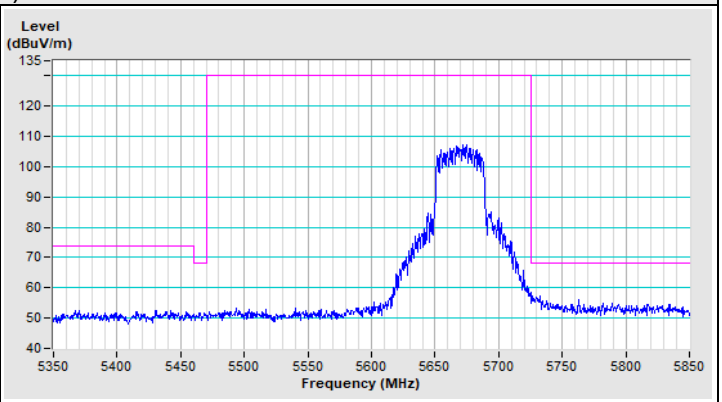


Vertical (Average)

802.11ax (HE40) Channel 134



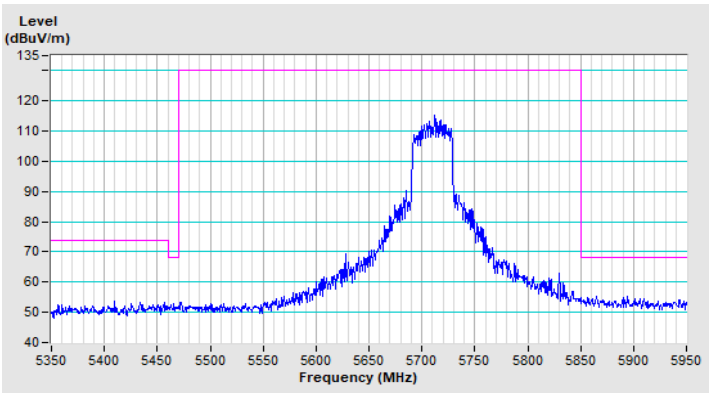
Horizontal (Peak)



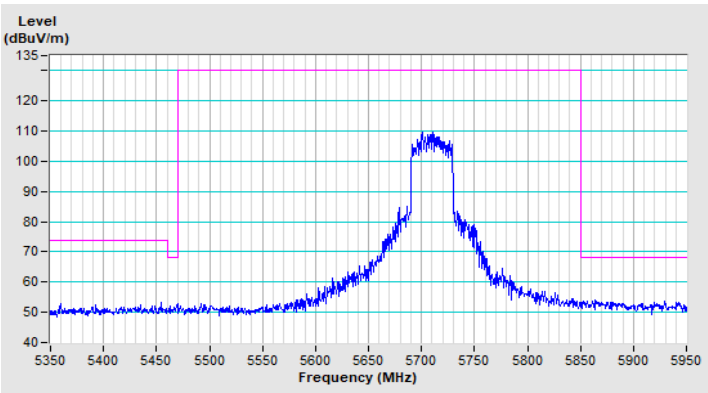
Vertical (Peak)

Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

802.11ax (HE40) Channel 142



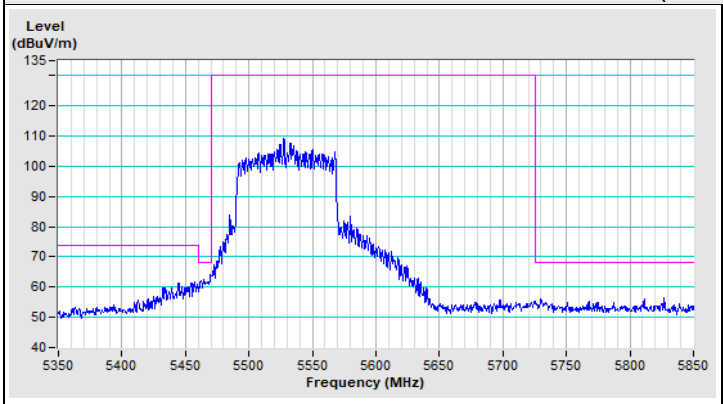
Horizontal (Peak)



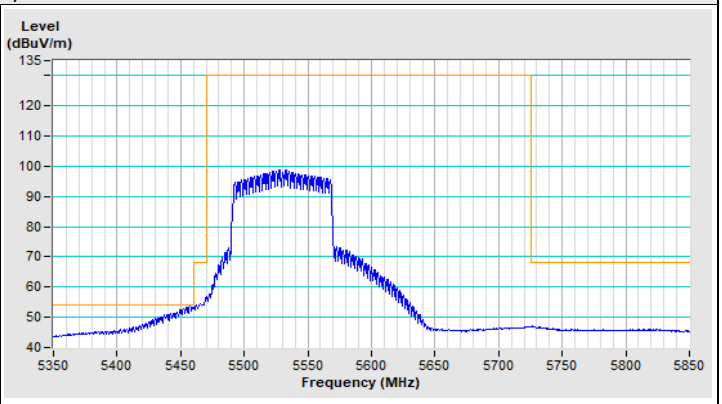
Vertical (Peak)

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

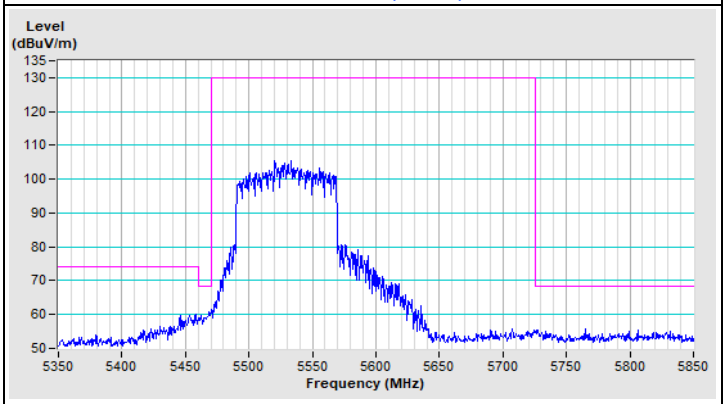
802.11ax (HE80) Channel 106



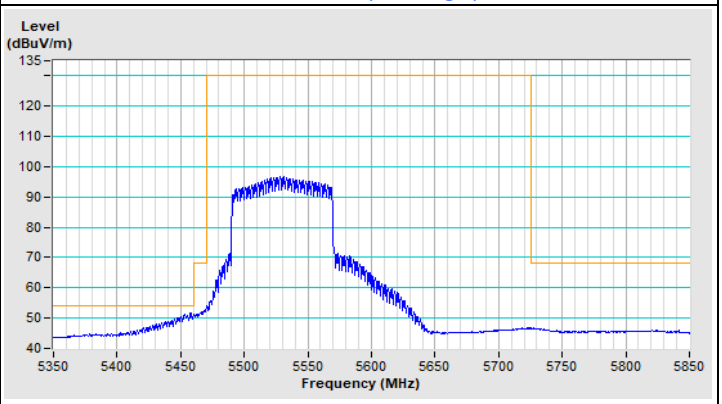
Horizontal (Peak)



Horizontal (Average)



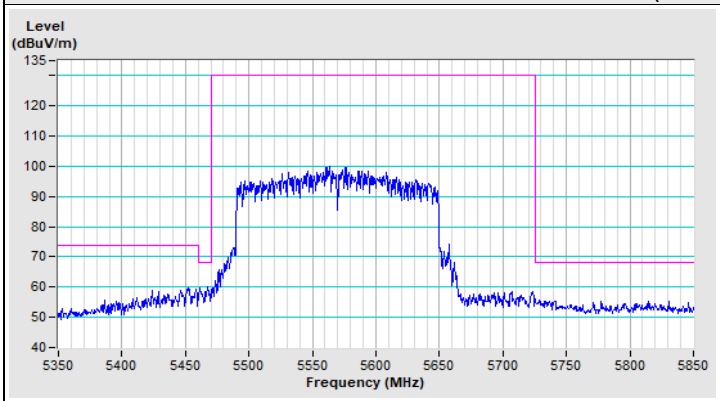
Vertical (Peak)



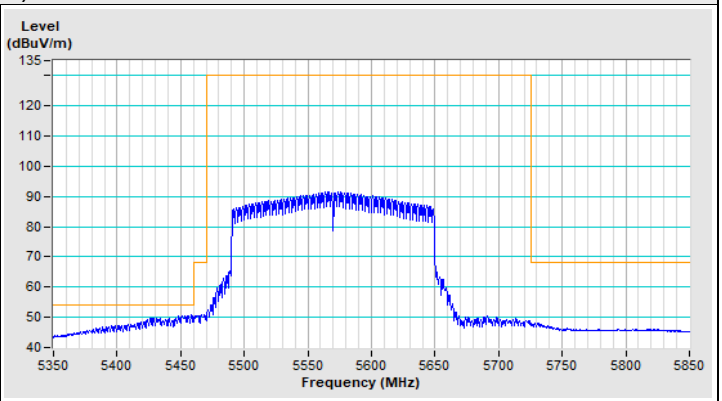
Vertical (Average)

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak

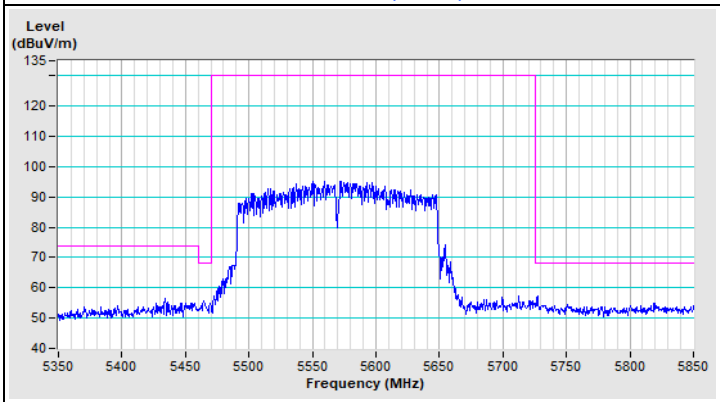
802.11ax (HE160) Channel 114



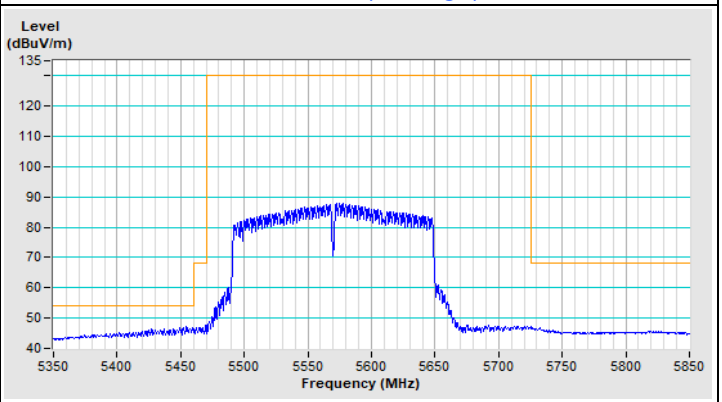
Horizontal (Peak)



Horizontal (Average)



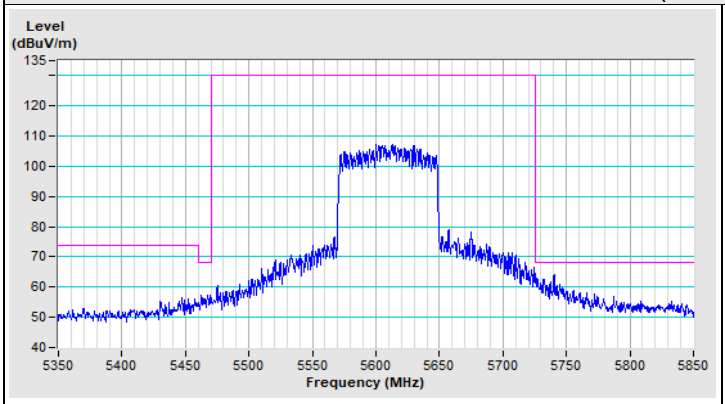
Vertical (Peak)



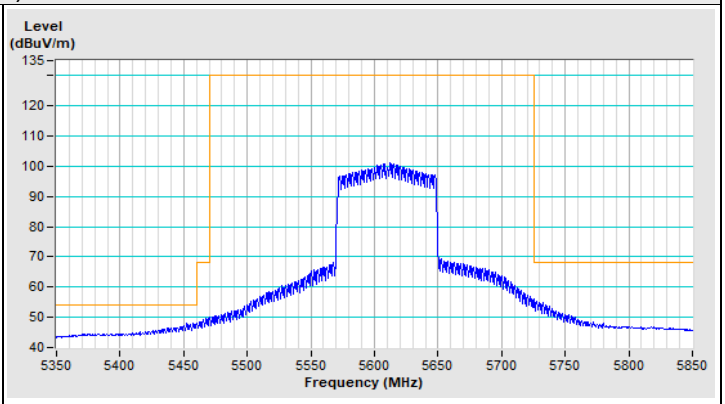
Vertical (Average)

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

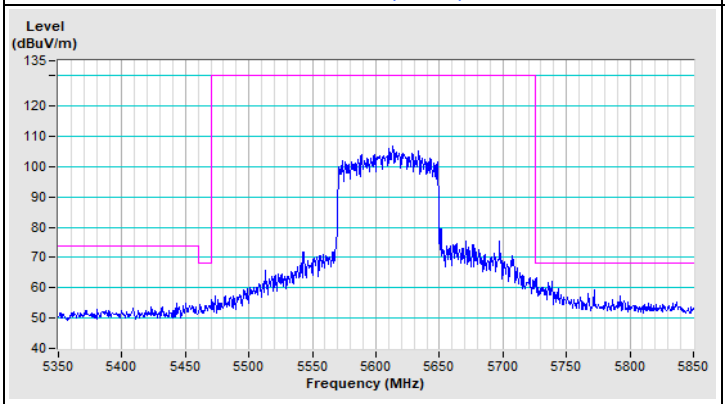
802.11ax (HE80) Channel 122



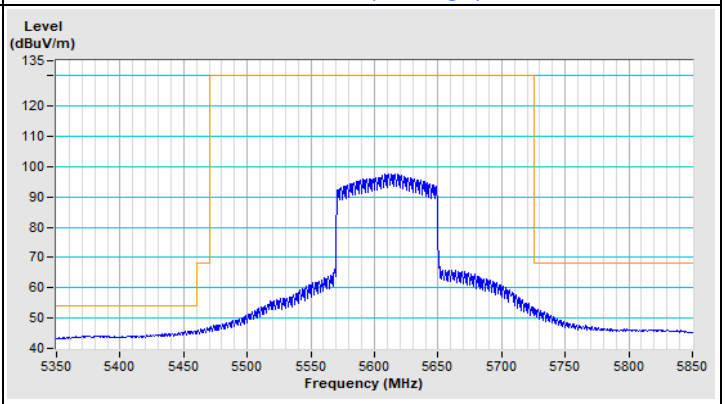
Horizontal (Peak)



Horizontal (Average)



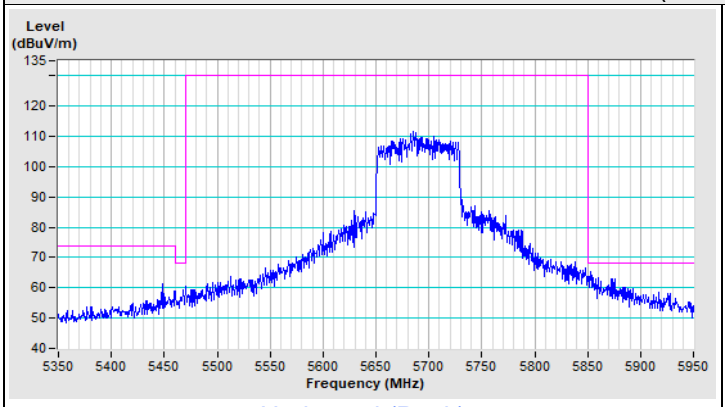
Vertical (Peak)



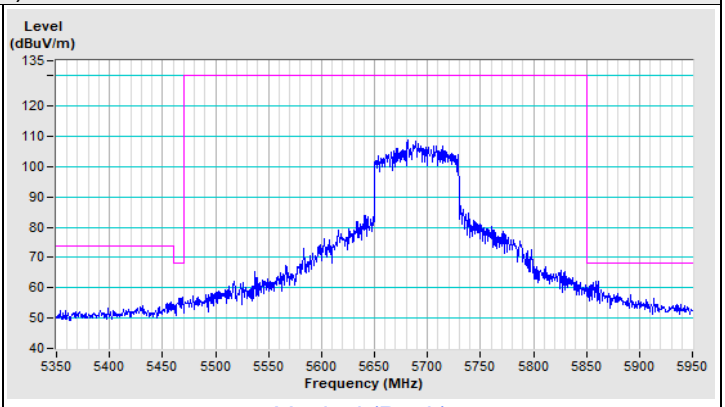
Vertical (Average)

Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

802.11ax (HE80) Channel 138



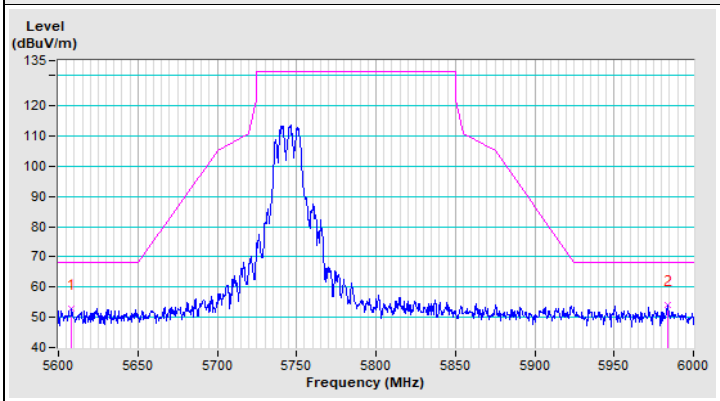
Horizontal (Peak)



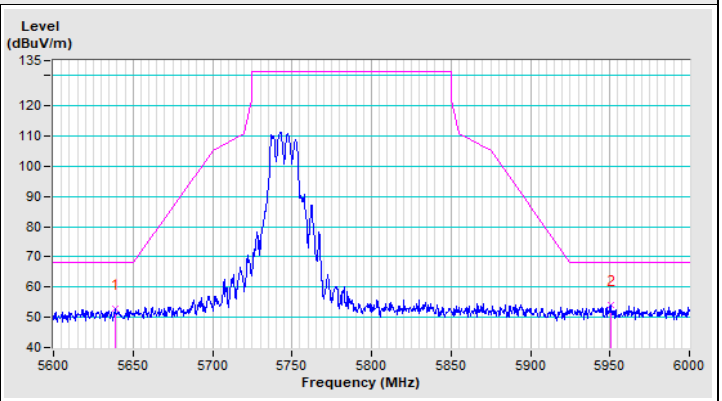
Vertical (Peak)

Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

802.11a Channel 149

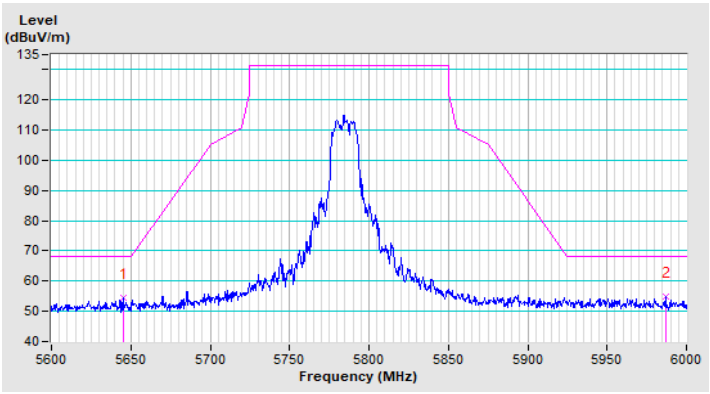


Horizontal (Peak)

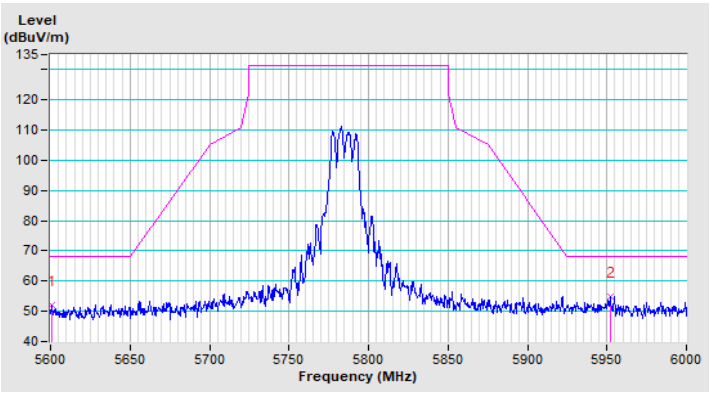


Vertical (Peak)

802.11a Channel 157

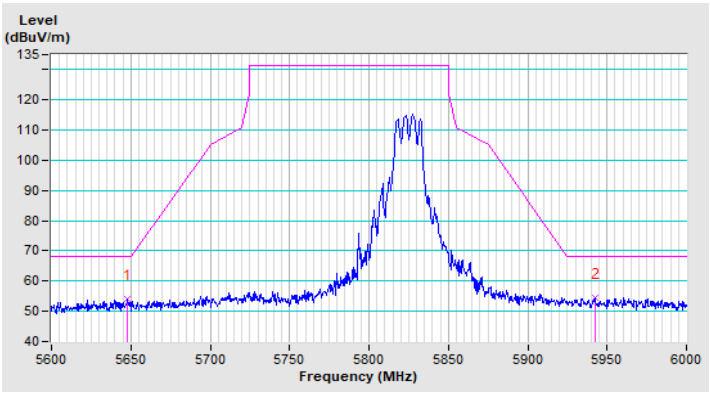


Horizontal (Peak)

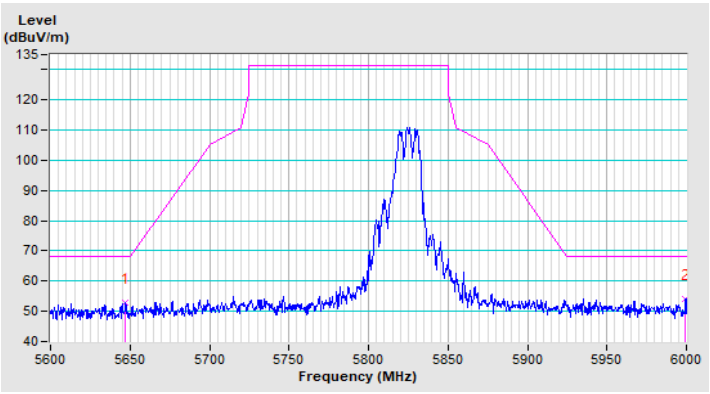


Vertical (Peak)

802.11a Channel 165



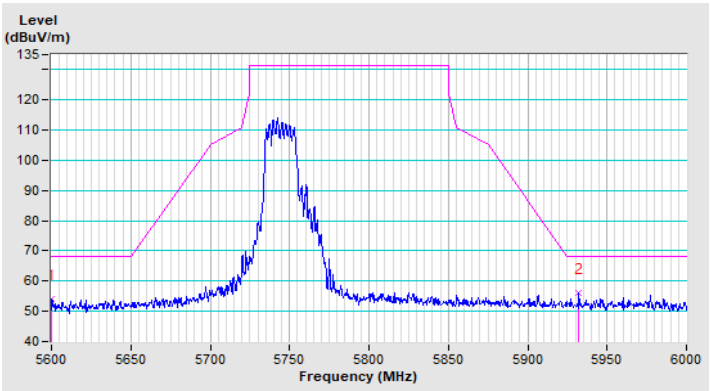
Horizontal (Peak)



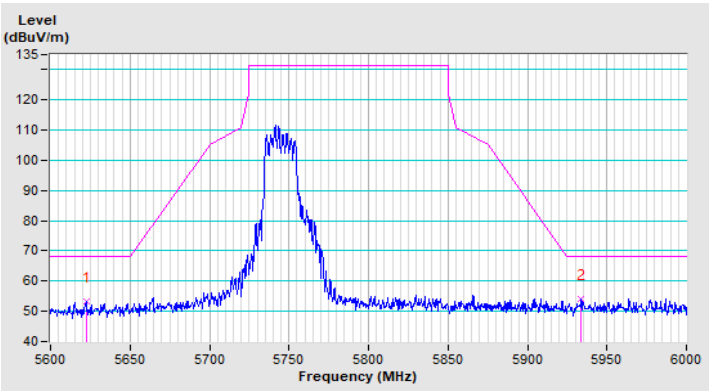
Vertical (Peak)

Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

802.11ax (HE20) Channel 149

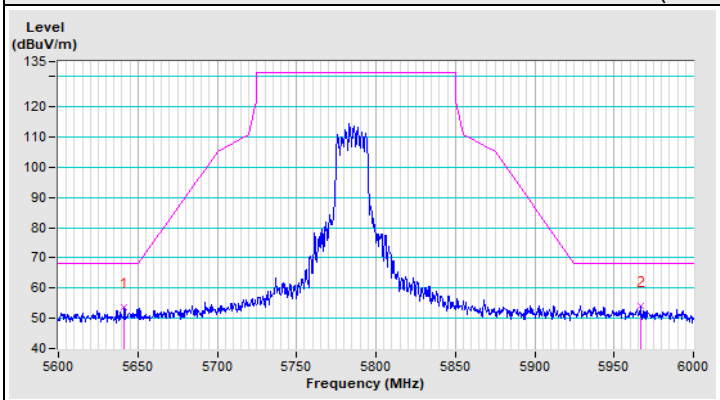


Horizontal (Peak)

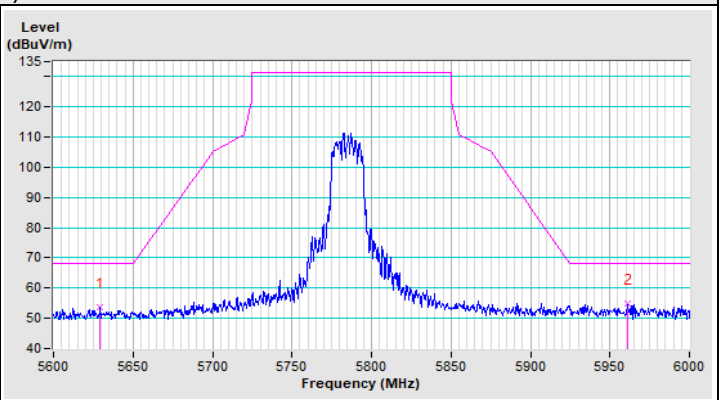


Vertical (Peak)

802.11ax (HE20) Channel 157

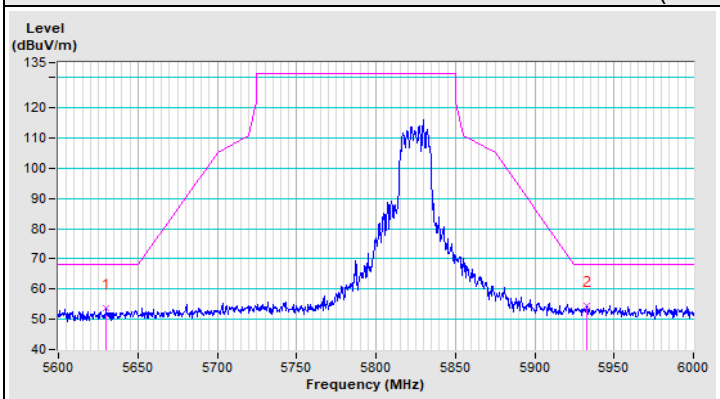


Horizontal (Peak)

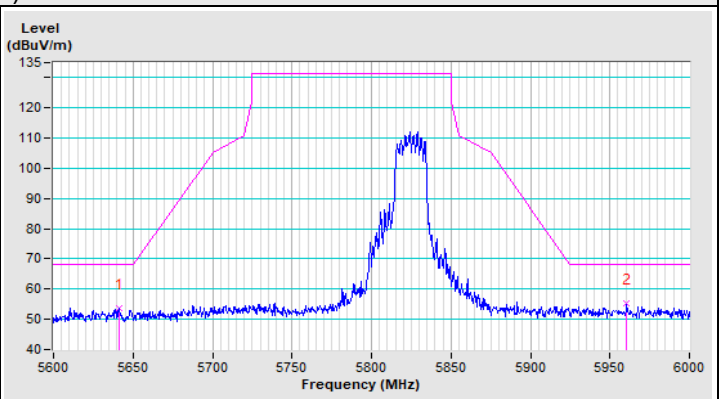


Vertical (Peak)

802.11ax (HE20) Channel 165



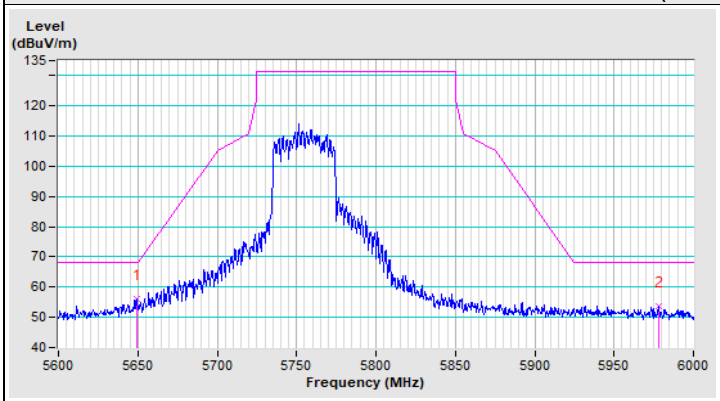
Horizontal (Peak)



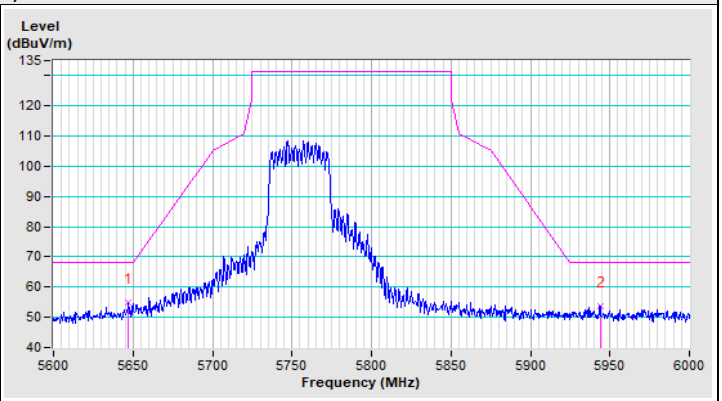
Vertical (Peak)

Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

802.11ax (HE40) Channel 151

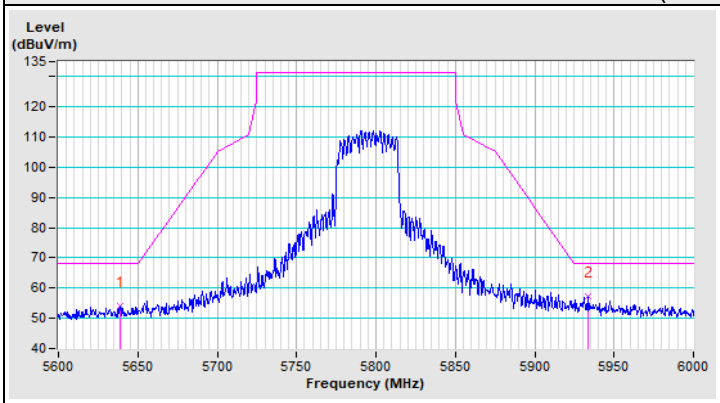


Horizontal (Peak)

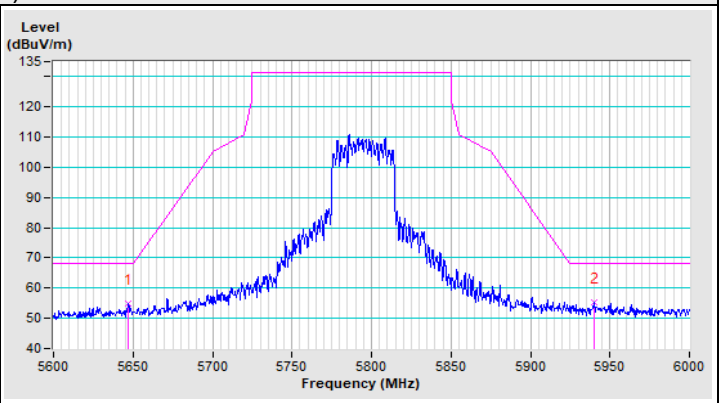


Vertical (Peak)

802.11ax (HE40) Channel 159



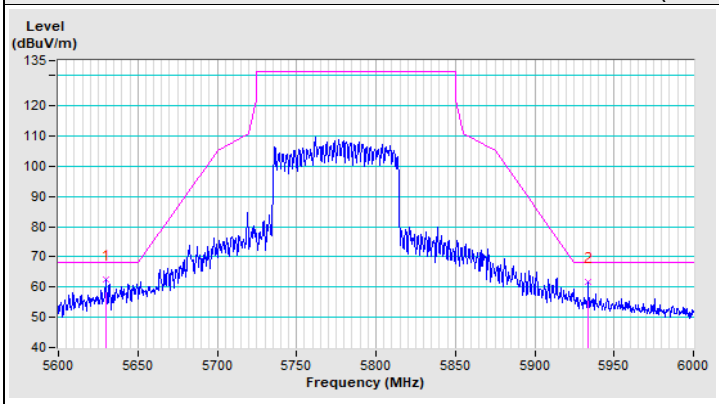
Horizontal (Peak)



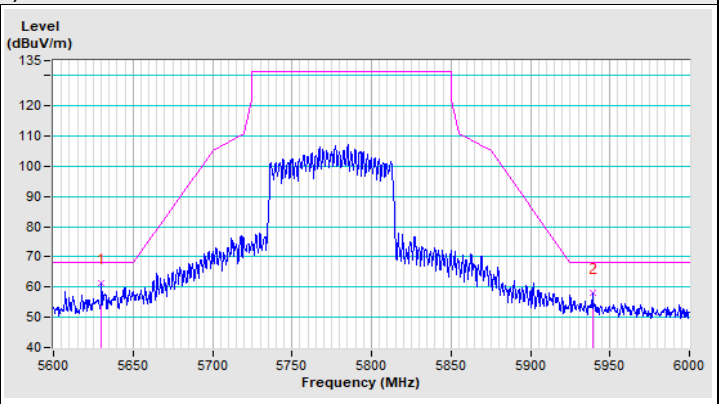
Vertical (Peak)

Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

802.11ax (HE80) Channel 155



Horizontal (Peak)



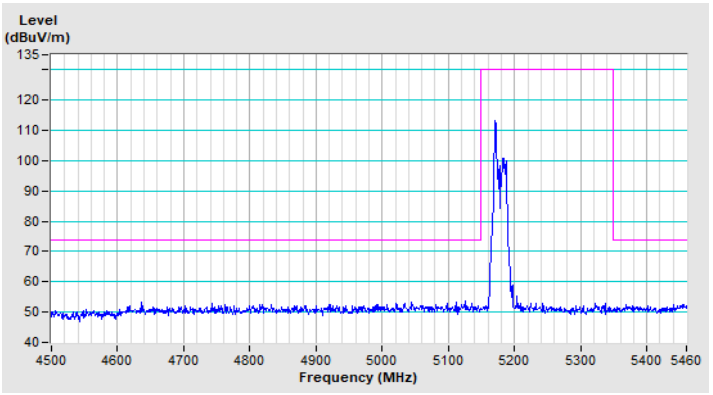
Vertical (Peak)

Plot of Band Edge

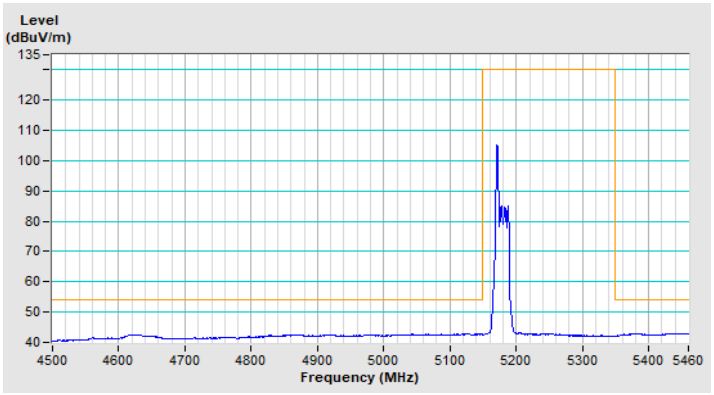
Partial RU

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

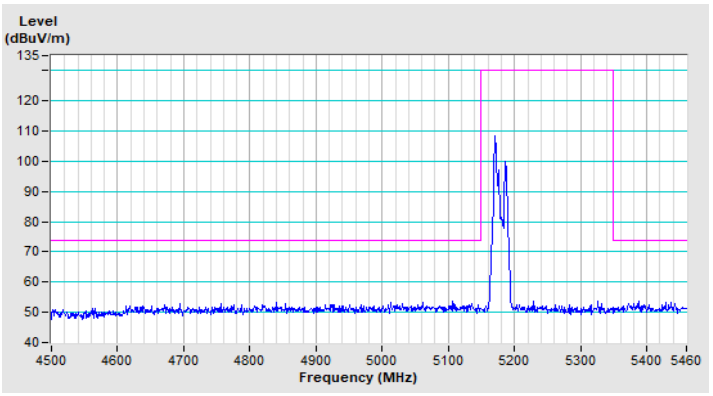
20 MHz Preamble 802.11ax (RU26) Channel 36



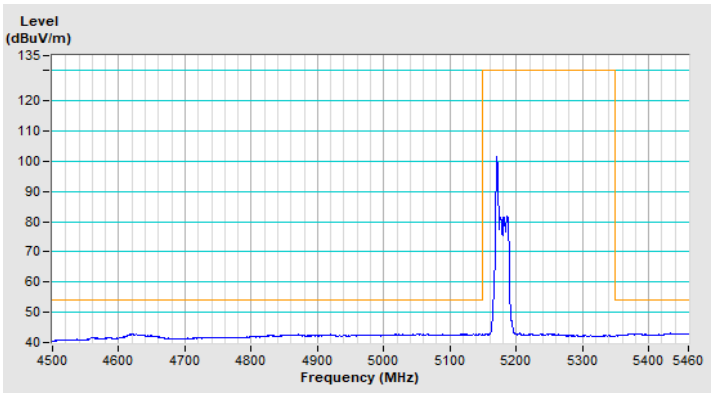
Horizontal (Peak)



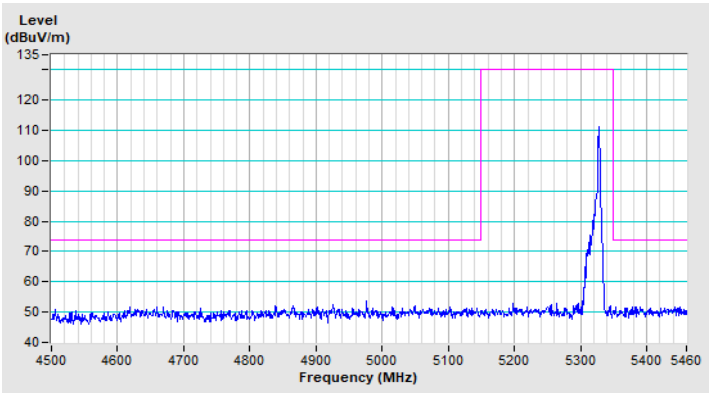
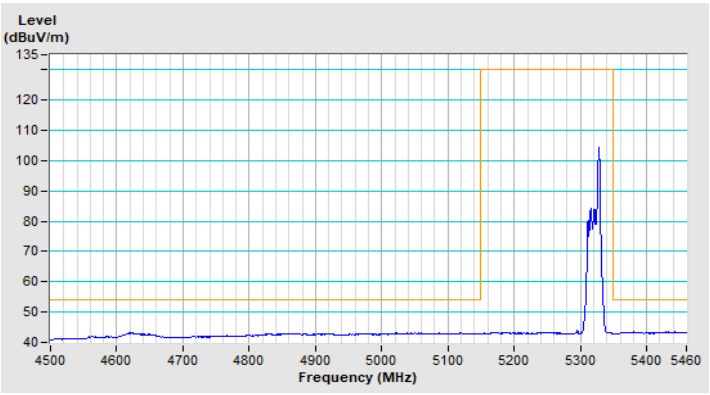
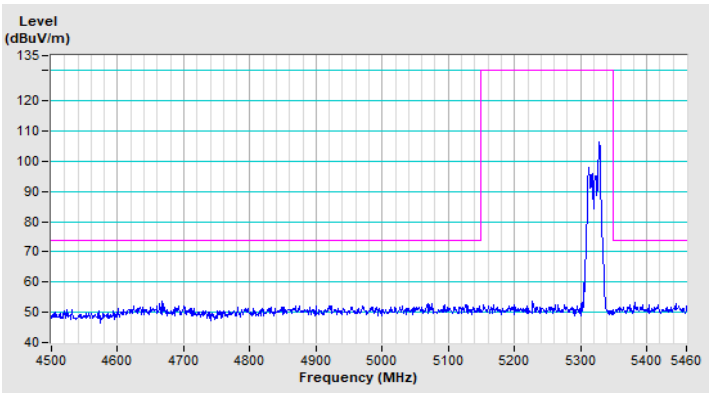
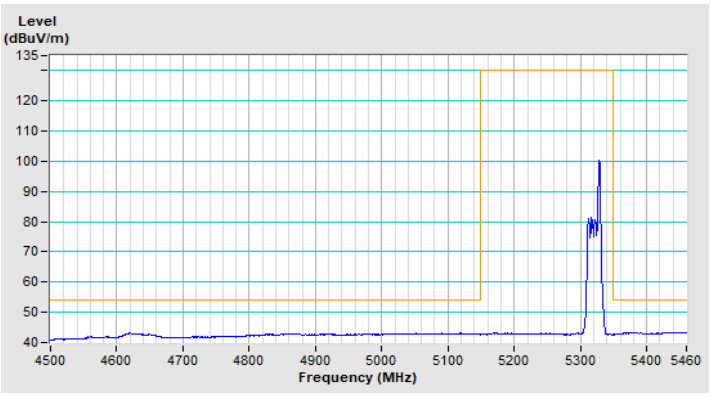
Horizontal (Average)



Vertical (Peak)

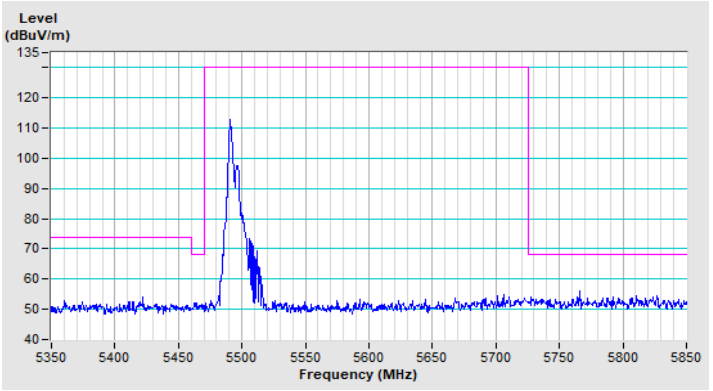


Vertical (Average)

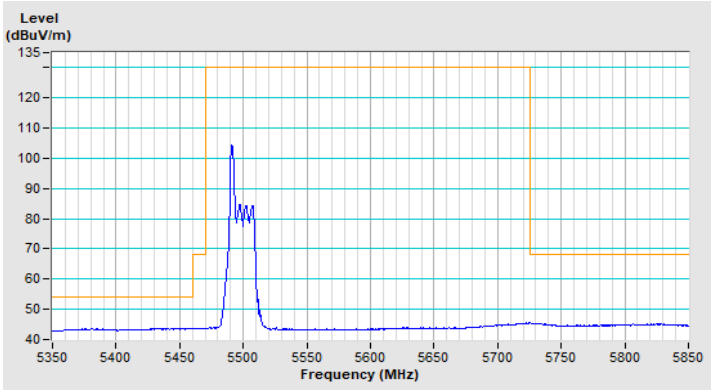
20 MHz Preamble 802.11ax (RU26) Channel 64	
	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

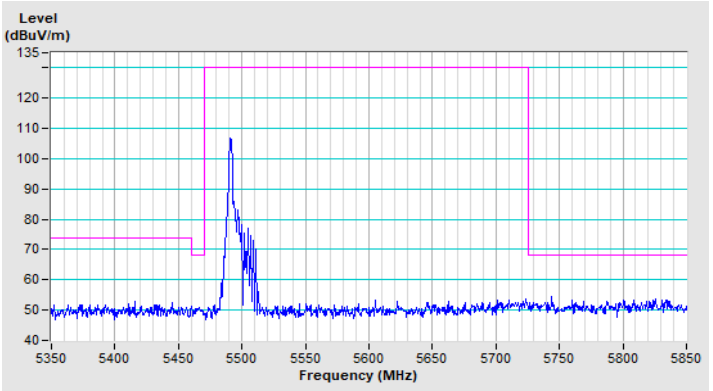
20 MHz Preamble 802.11ax (RU26) Channel 100



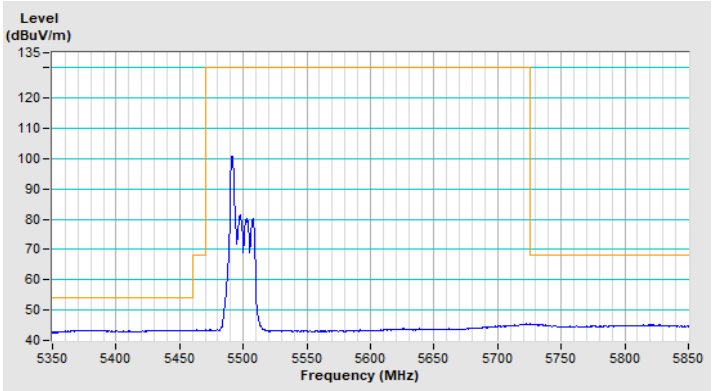
Horizontal (Peak)



Horizontal (Average)

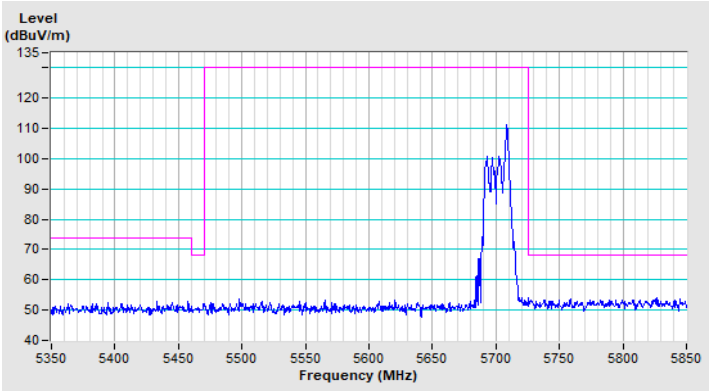


Vertical (Peak)

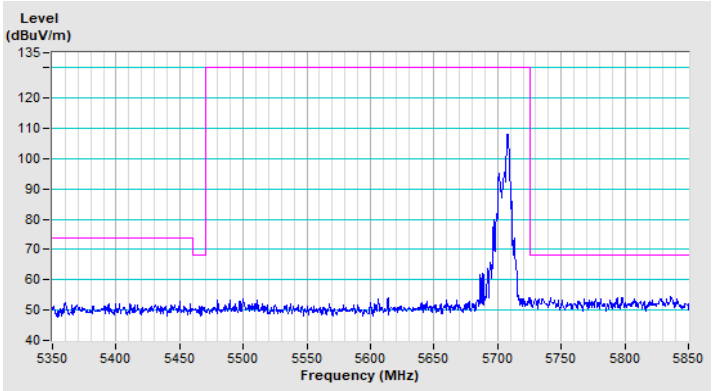


Vertical (Average)

20 MHz Preamble 802.11ax (RU26) Channel 140



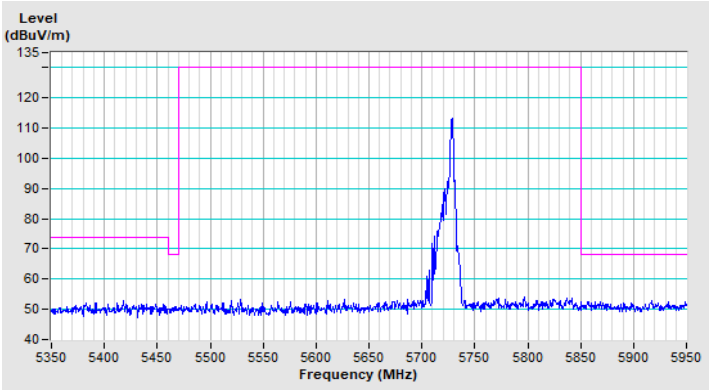
Horizontal (Peak)



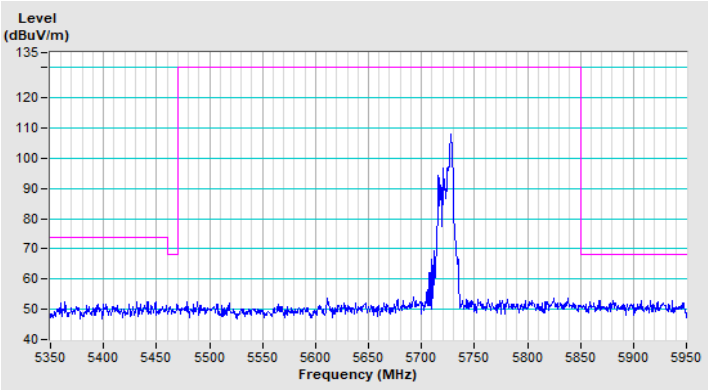
Vertical (Peak)

Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

20 MHz Preamble 802.11ax (RU26) Channel 144



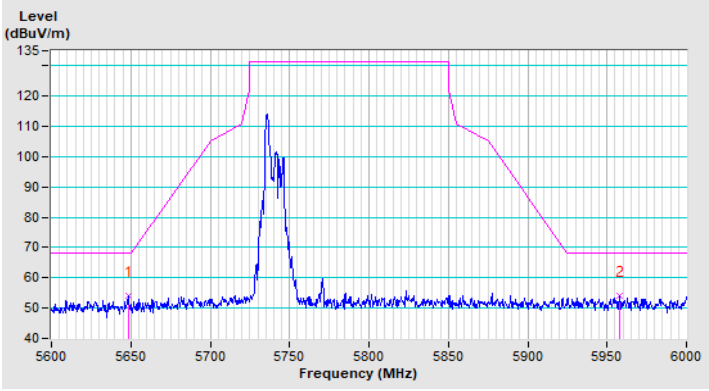
Horizontal (Peak)



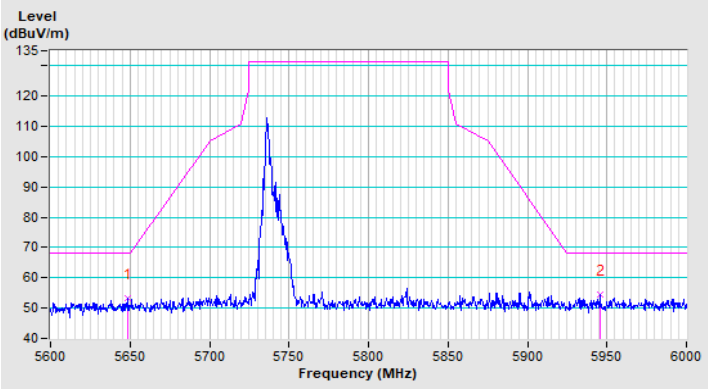
Vertical (Peak)

Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

20 MHz Preamble 802.11ax (RU26) Channel 149

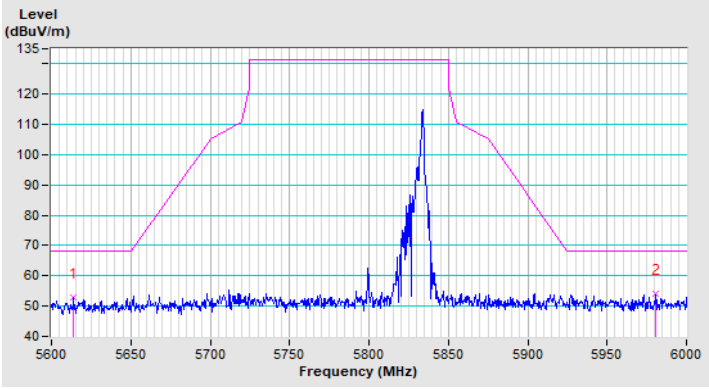


Horizontal (Peak)

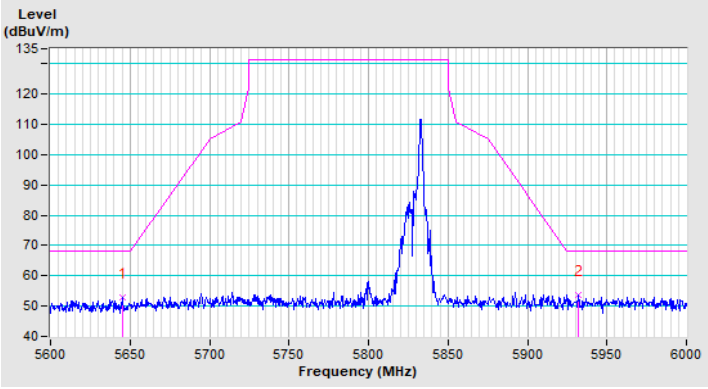


Vertical (Peak)

20 MHz Preamble 802.11ax (RU26) Channel 165



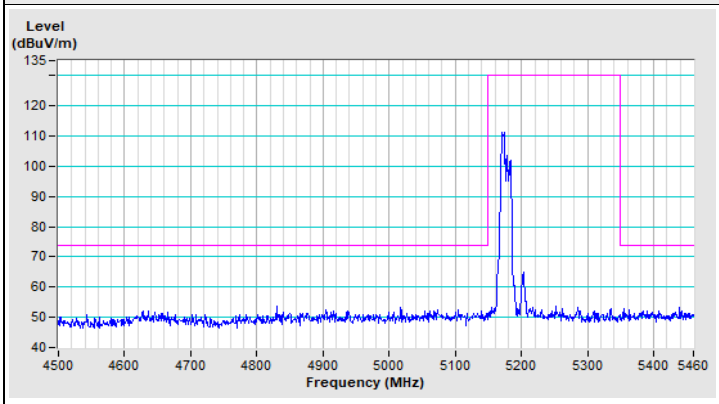
Horizontal (Peak)



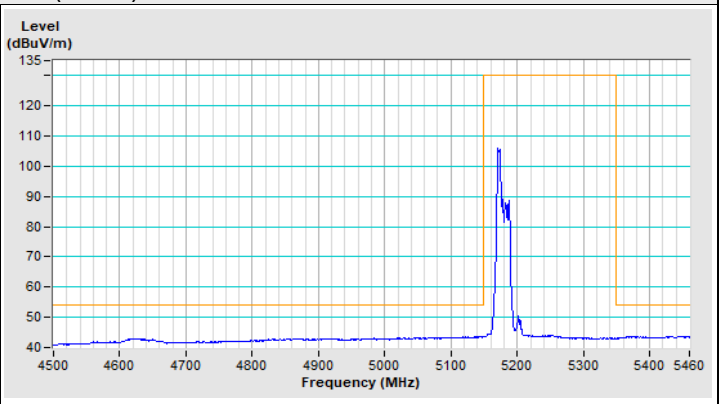
Vertical (Peak)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

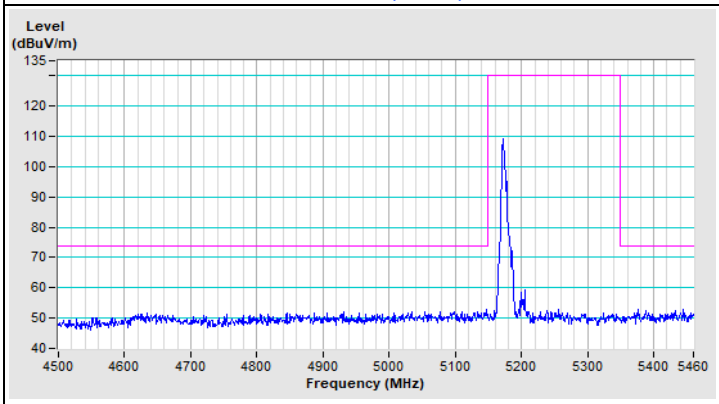
20 MHz Preamble 802.11ax (RU52) Channel 36



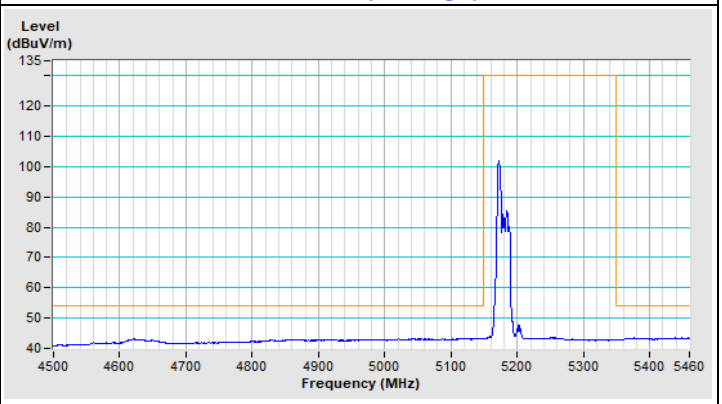
Horizontal (Peak)



Horizontal (Average)

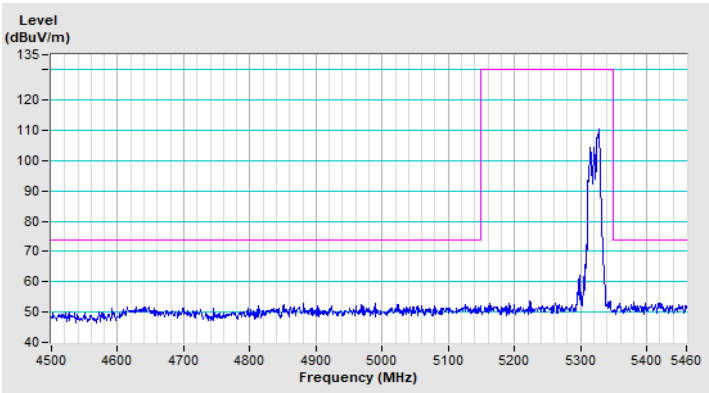


Vertical (Peak)

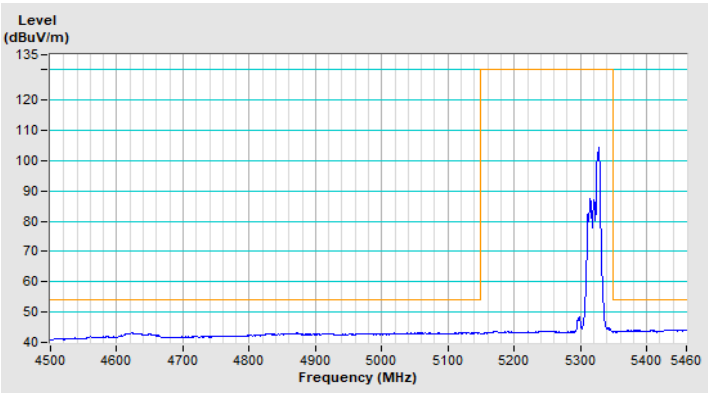


Vertical (Average)

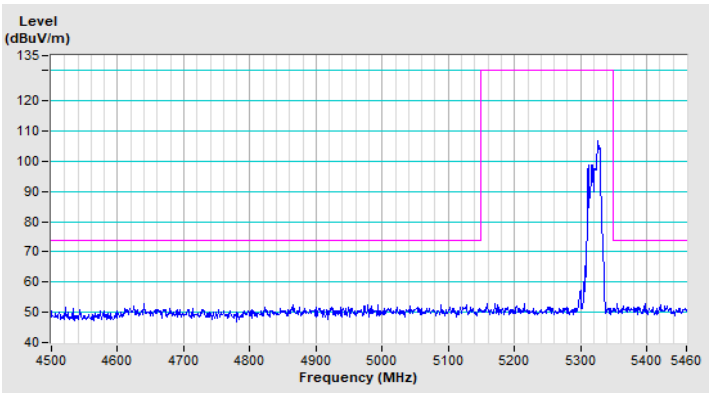
20 MHz Preamble 802.11ax (RU52) Channel 64



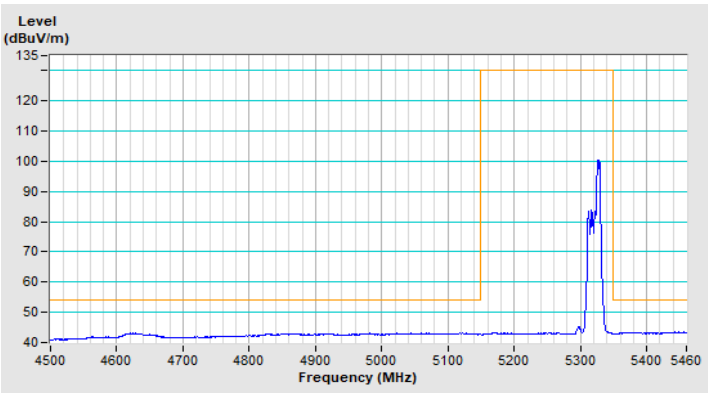
Horizontal (Peak)



Horizontal (Average)



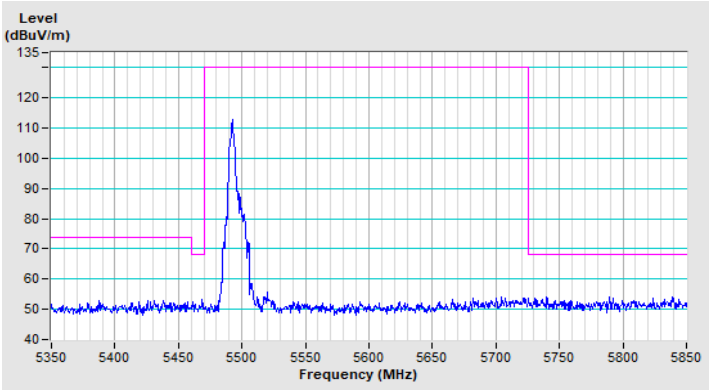
Vertical (Peak)



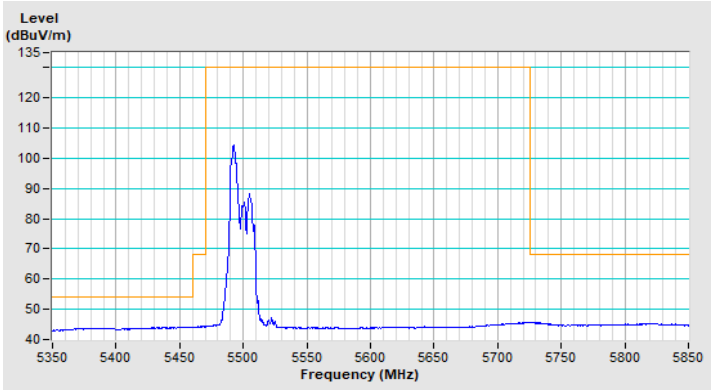
Vertical (Average)

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

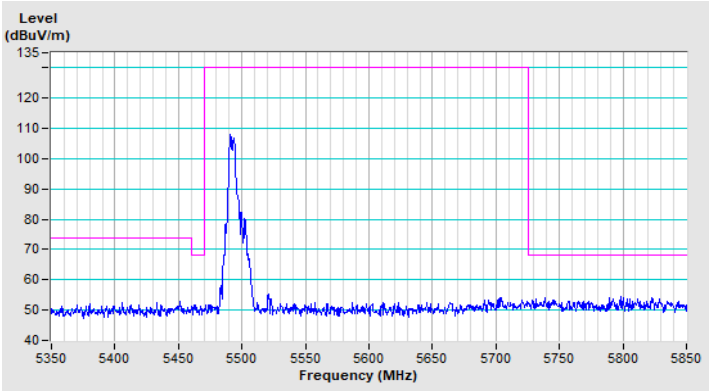
20 MHz Preamble 802.11ax (RU52) Channel 100



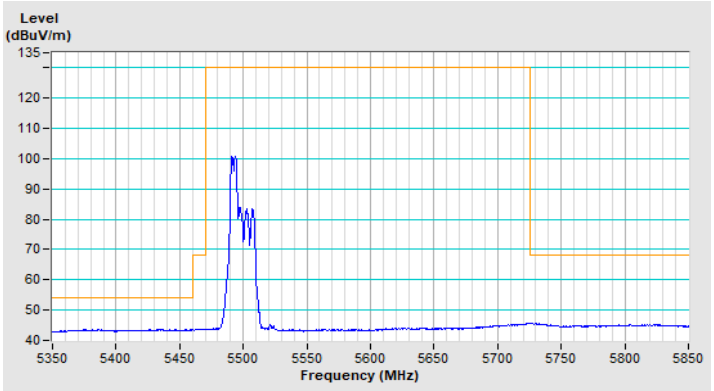
Horizontal (Peak)



Horizontal (Average)

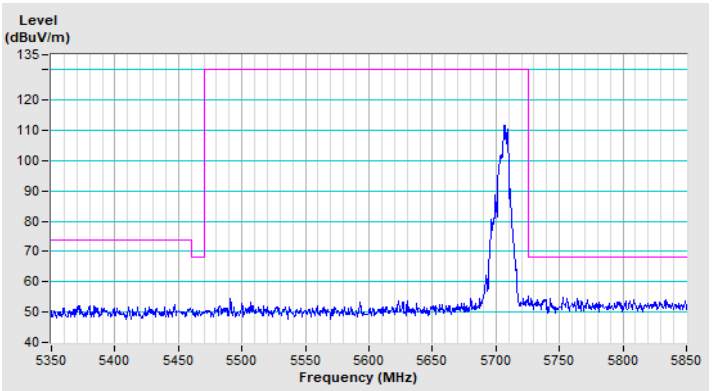


Vertical (Peak)

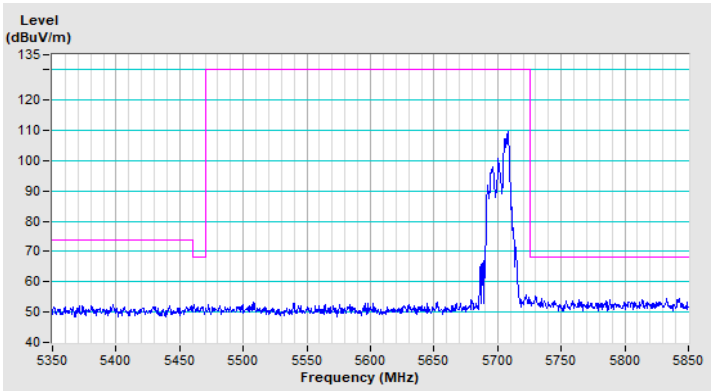


Vertical (Average)

20 MHz Preamble 802.11ax (RU52) Channel 140



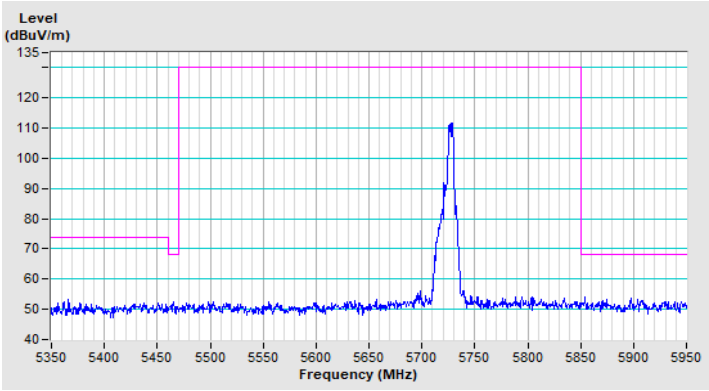
Horizontal (Peak)



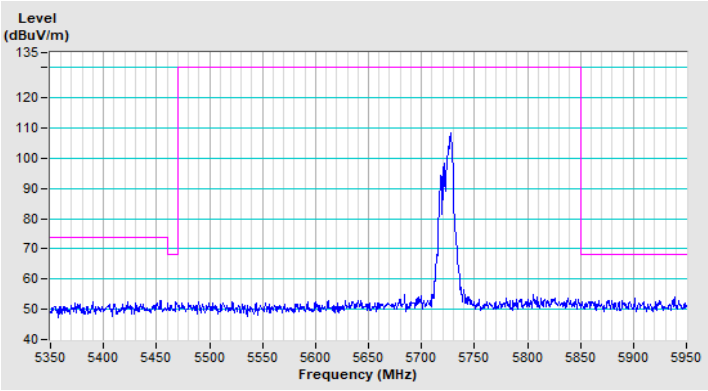
Vertical (Peak)

Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

20 MHz Preamble 802.11ax (RU52) Channel 144



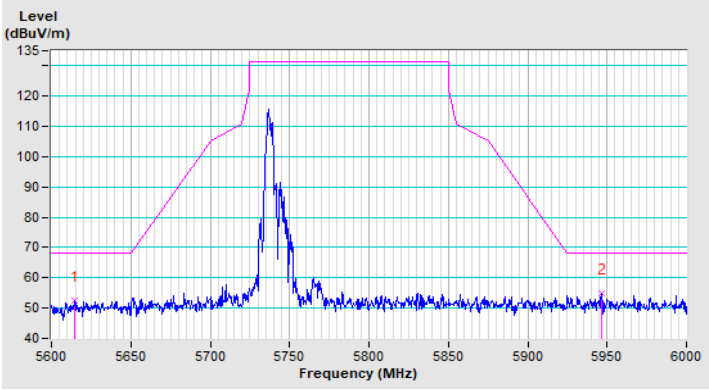
Horizontal (Peak)



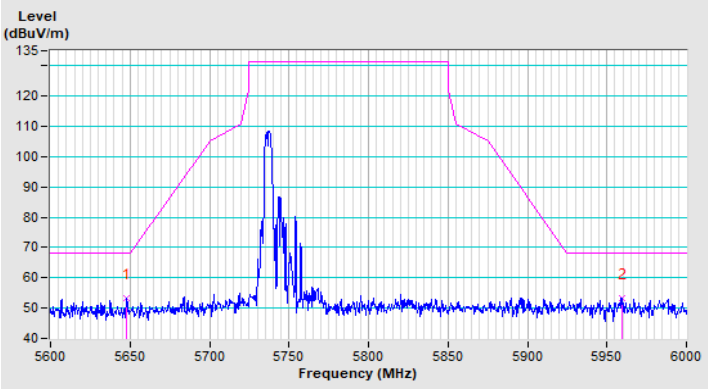
Vertical (Peak)

Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

20 MHz Preamble 802.11ax (RU52) Channel 149

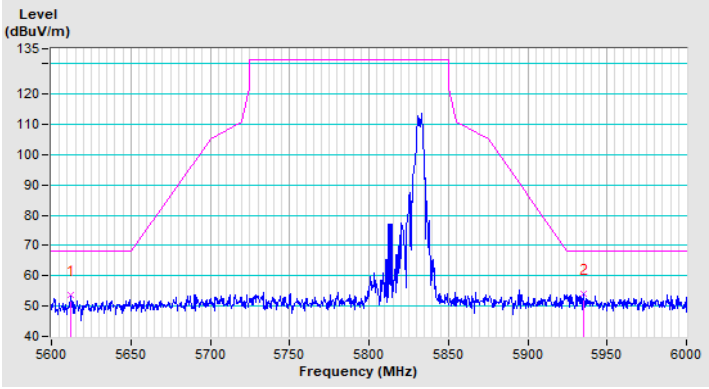


Horizontal (Peak)

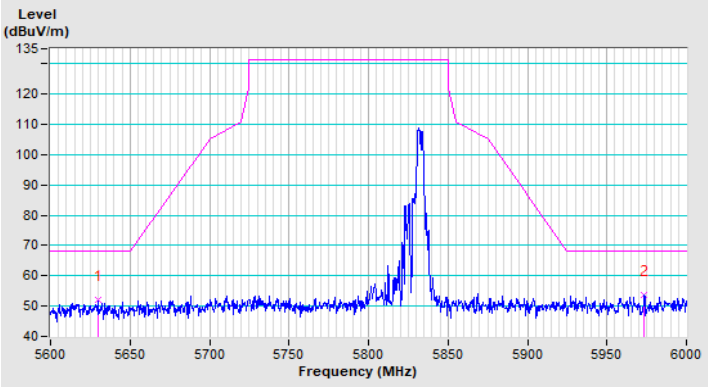


Vertical (Peak)

20 MHz Preamble 802.11ax (RU52) Channel 165



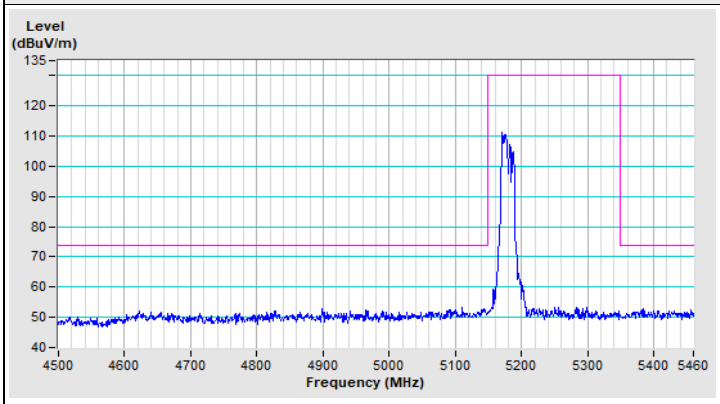
Horizontal (Peak)



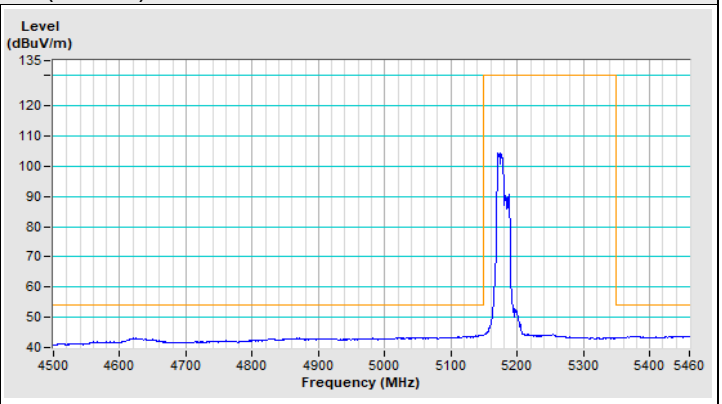
Vertical (Peak)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

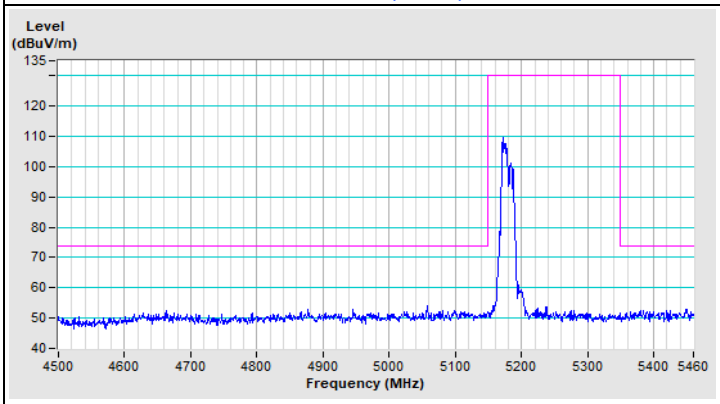
20 MHz Preamble 802.11ax (RU106) Channel 36



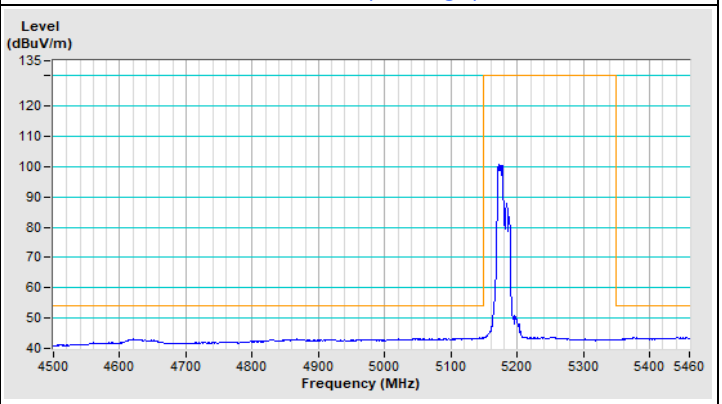
Horizontal (Peak)



Horizontal (Average)

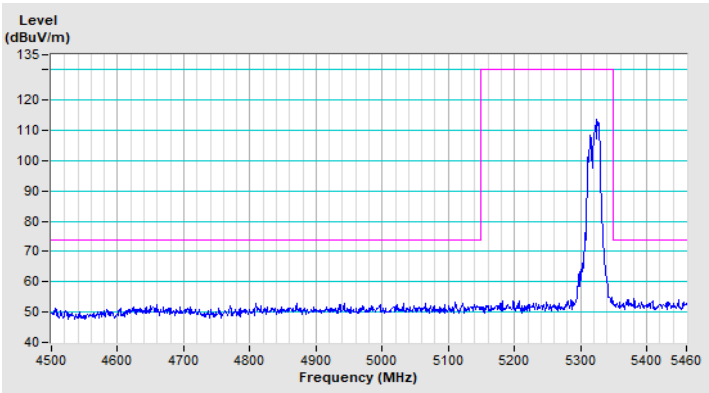


Vertical (Peak)

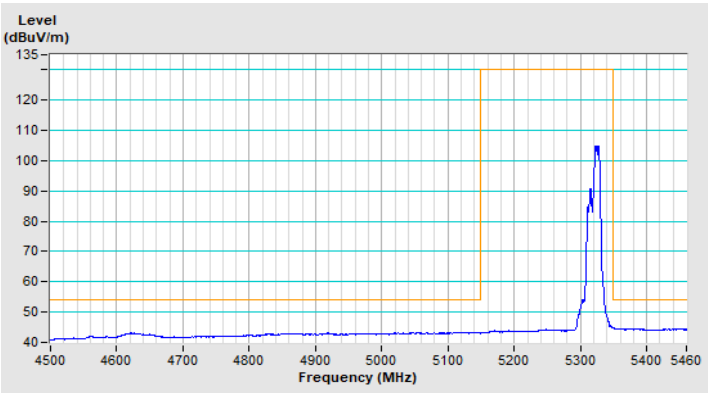


Vertical (Average)

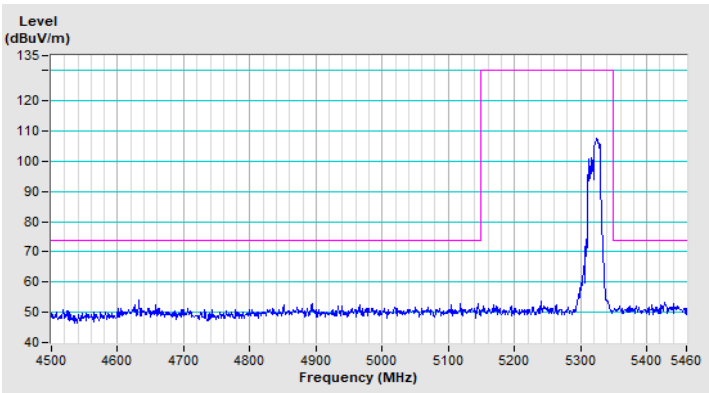
20 MHz Preamble 802.11ax (RU106) Channel 64



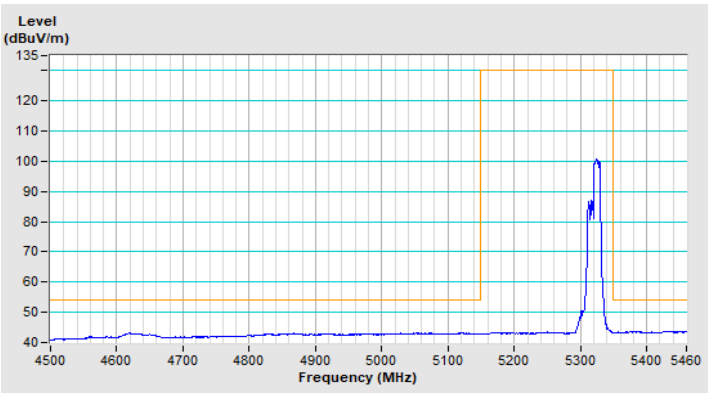
Horizontal (Peak)



Horizontal (Average)



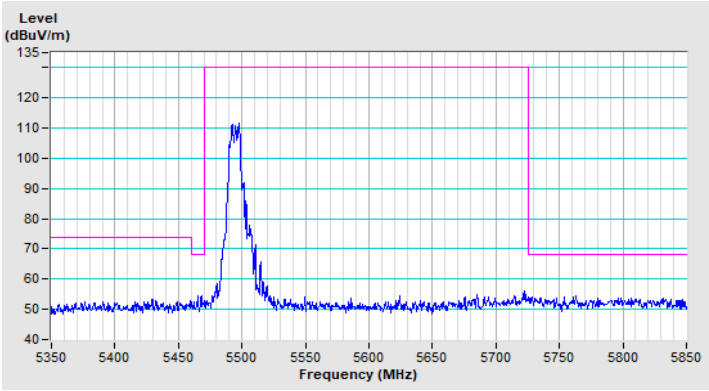
Vertical (Peak)



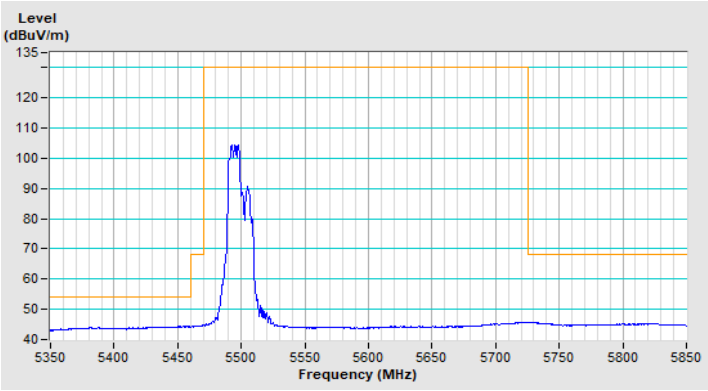
Vertical (Average)

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak

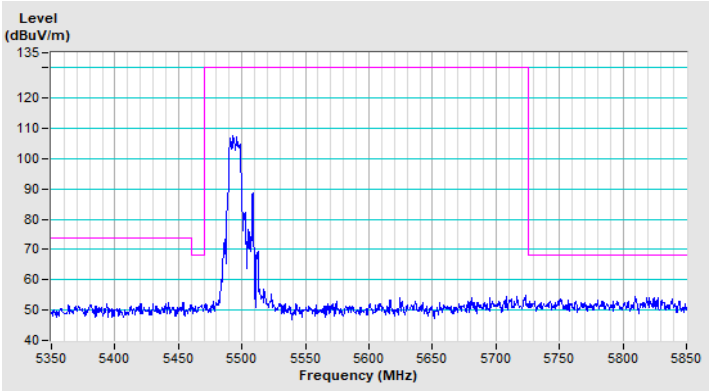
20 MHz Preamble 802.11ax (RU106) Channel 100



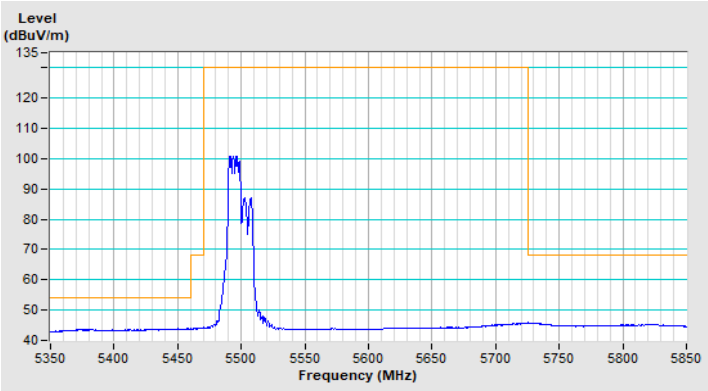
Horizontal (Peak)



Horizontal (Average)

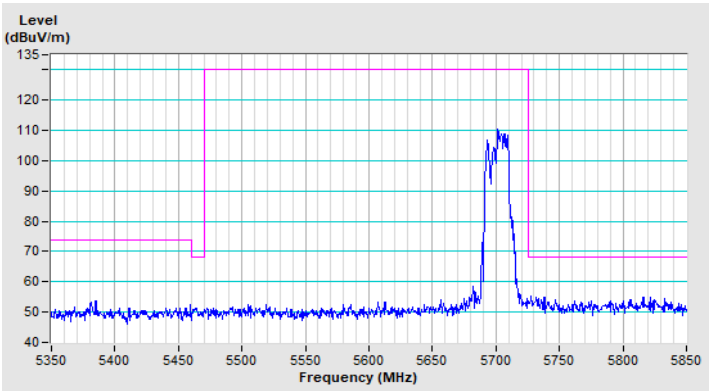


Vertical (Peak)

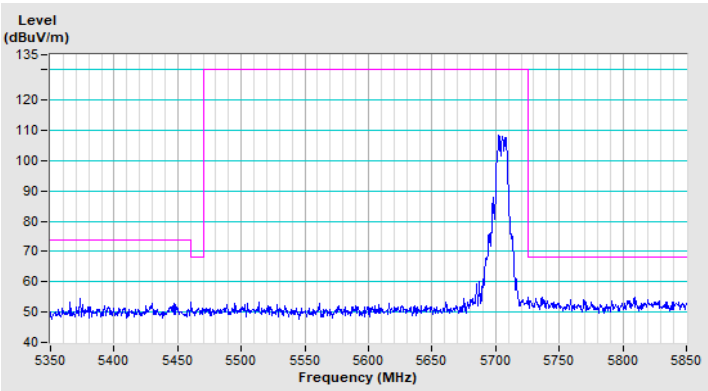


Vertical (Average)

20 MHz Preamble 802.11ax (RU106) Channel 140



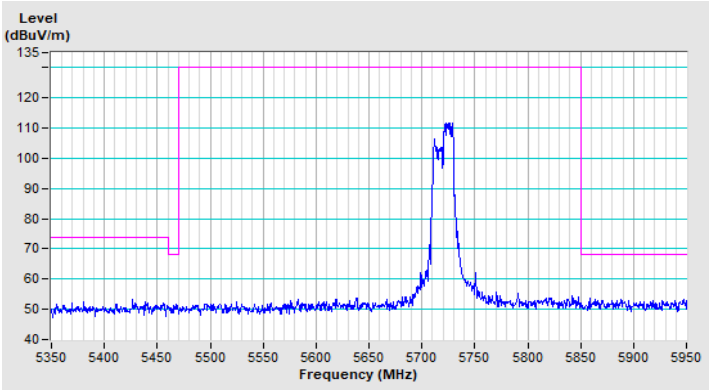
Horizontal (Peak)



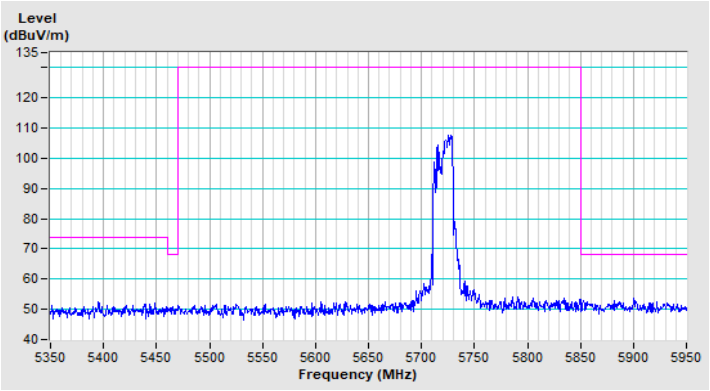
Vertical (Peak)

Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

20 MHz Preamble 802.11ax (RU106) Channel 144



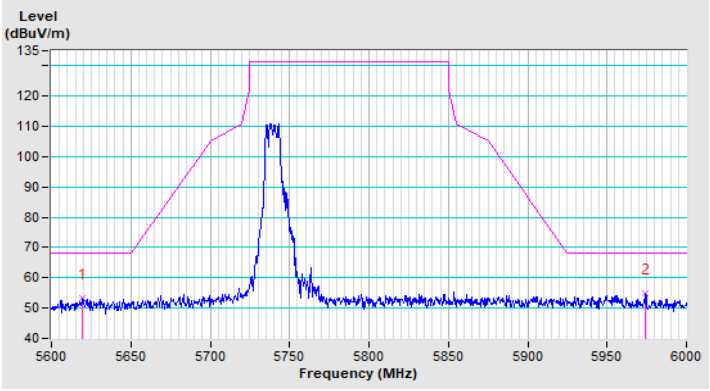
Horizontal (Peak)



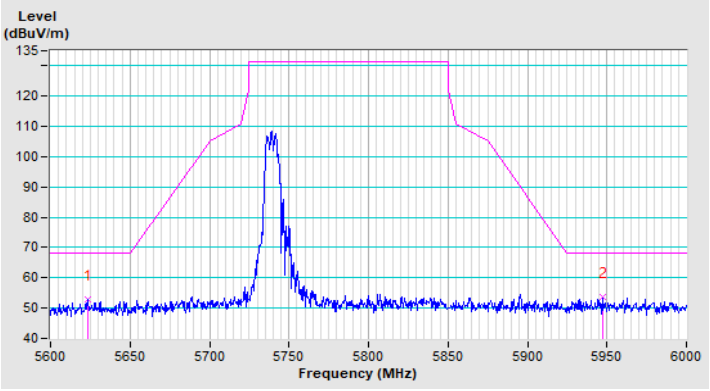
Vertical (Peak)

Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

20 MHz Preamble 802.11ax (RU106) Channel 149

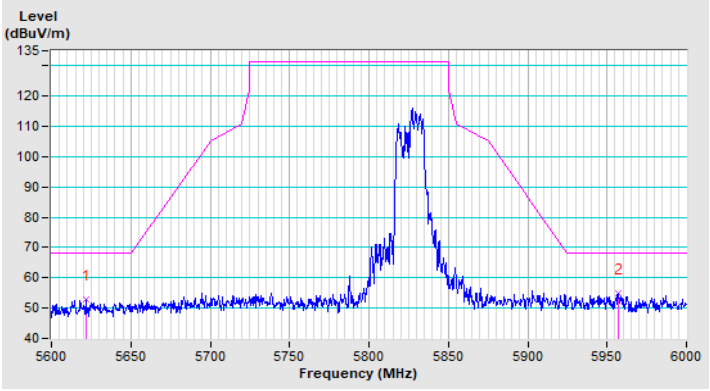


Horizontal (Peak)

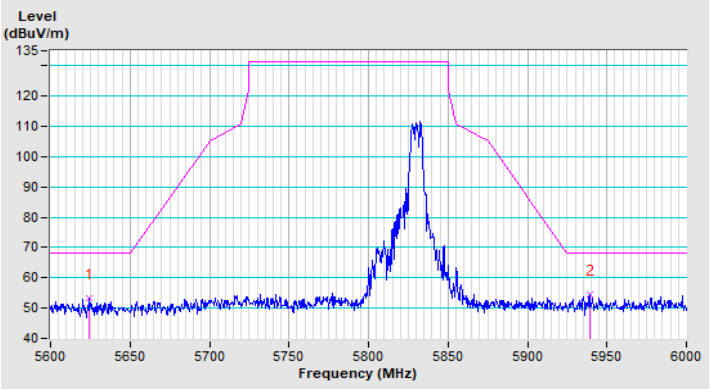


Vertical (Peak)

20 MHz Preamble 802.11ax (RU106) Channel 165



Horizontal (Peak)



Vertical (Peak)

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

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

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