FCC Test Report

Report No.:	RFBBUI-WTW-P22031043-4
FCC ID:	TX2-RTL8852B
Test Model:	RTL8852B
Received Date:	2022/3/24
Test Date:	2022/5/30 ~ 2022/7/30
Issued Date:	2022/8/23
Applicant:	Realtek Semiconductor Corp.
Address:	No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
Lab Address:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
Test Location:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
FCC Registration / Designation Number:	723255 / TW2022

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Release Control Record

Issue No.	Description	Date Issued
RFBBUI-WTW-P22031043-4	Original release.	2022/8/23

1 Certificate of Conformity

Product:	11ax RTL8852B M.2 1216 Combo module
Brand:	REALTEK
Test Model:	RTL8852B
Sample Status:	Engineering sample
Applicant:	Realtek Semiconductor Corp.
Test Date:	2022/5/30 ~ 2022/7/30
Standard:	47 CFR FCC Part 15, Subpart E (Section 15.407) ANSI C63.10: 2013

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

Prepared by : Vivian Huang , **Date:** 2022/8/23

Vivian Huang / Specialist

Approved by : , **Date:** 2022/8/23

May Chen / Manager

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
FCC Clause	Test Item	Result	Remarks
15.407(b)(8)	AC Power Conducted Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -13.08 dB at 25.87500 MHz.
15.407(b)(5)(8)	Radiated Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -1.5 dB at 5895.00 MHz.
15.407(a)(3)	Max Average Transmit Power	Pass	Meet the requirement of limit.
15.407(a)(3)	Peak Power Spectral Density	Pass	Meet the requirement of limit.
15.407(e)	6dB Bandwidth Measurement	Pass	Meet the requirement of limit.
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.403	Operational restrictions U-NII 4 devices	Pass	Declaration by applicant
15.203	Antenna Requirement	Pass	Antenna connector is i-pex(MHF) not a standard connector.

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

2.1 Measurement Uncertainty

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

Measurement	Frequency	Expanded Uncertainty (k=2) (±)
Conducted Emissions at mains ports	150kHz ~ 30MHz	1.9 dB
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.1 dB
	30MHz ~ 1GHz	5.1 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	5.0 dB
	18GHz ~ 40GHz	5.3 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	11ax RTL8852B M.2 1216 Combo module
Brand	REALTEK
Test Model	RTL8852B
Status of EUT	Engineering sample
Power Supply Rating	3.3 Vdc from host equipment
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode 1024QAM for OFDMA in 11ax mode
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: up to 54 Mbps 802.11n: up to 300 Mbps 802.11ac: up to 866.7 Mbps 802.11ax: up to 1201 Mbps
Operating Frequency	5845 ~ 5885 MHz
Number of Channel	802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 3 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 2 802.11ac (VHT80), 802.11ax (HE80): 1
EIRP	**For 2TX** **CDD Mode:** 879.023 mW (29.44 dBm) **Beamforming Mode:** 986.279 mW (29.94 dBm) **For 1TX** 558.47 mW (27.47 dBm)
Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. The EUT has below HW SKU configuration, as below table:

SKU No.	Interface	Description
1	WLAN use PCIe, BT use USB	Dual antenna port
2	WLAN use PCIe, BT use UART	Dual antenna port

Note:
1. For radiated emissions (below 1GHz) & conducted emissions: From the above HW SKUs, the worse case was found in SKU No.: 2. Therefore only the test data of the SKU was recorded in this report.
2. For radiated emissions (above 1GHz): From the above HW SKUs, the worse case was found in SKU No.: 1. Therefore only the test data of the SKU was recorded in this report.

2. Simultaneously transmission condition.

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

3. The antennas provided to the EUT, please refer to the following table:

Ant. Set	RF Chain No.	Brand	Model	Ant. Net Gain (dBi)	Frequency Range (GHz)	Ant. Type	Connector Type	Cable Length (mm)
1	Chain 0	ARISTOTLE	RFA-27-JP326-MHF4300	3.5	2.4~2.4835	PIFA	i-pex(MHF)	300
				5	5.15~5.85			
				5	5.875~7.125			
	Chain 1	ARISTOTLE	RFA-27-JP326-MHF4300	3.5	2.4~2.4835	PIFA	i-pex(MHF)	300
				5	5.15~5.85			
				5	5.875~7.125			
2	Chain 0	ARISTOTLE	RFA-27-C38H1-MHF4300	3	2.4~2.4835	Dipole	i-pex(MHF)	300
				5	5.15~5.85			
				5	5.875~7.125			
	Chain 1	ARISTOTLE	RFA-27-C38H1-MHF4300	3	2.4~2.4835	Dipole	i-pex(MHF)	300
				5	5.15~5.85			
				5	5.875~7.125			

Note:
1. From the above transmission chains, the worse case was found in transmission on Chain 0 for 1TX mode. Therefore only the test data of the mode was recorded in this report.
2. Max. gain was selected for the final test, except for the radiated emissions test the each antenna type was tested.

4. The EUT incorporates a MIMO function:

5GHz Band		
MODULATION MODE	**TX & RX CONFIGURATION**	
802.11a	2TX/1TX Diversity	2RX
802.11n (HT20)	2TX/1TX Diversity	2RX
802.11n (HT40)	2TX/1TX Diversity	2RX
802.11ac (VHT20)	2TX/1TX Diversity	2RX
802.11ac (VHT40)	2TX/1TX Diversity	2RX
802.11ac (VHT80)	2TX/1TX Diversity	2RX
802.11ax (HE20)	2TX/1TX Diversity	2RX
802.11ax (HE40)	2TX/1TX Diversity	2RX
802.11ax (HE80)	2TX/1TX Diversity	2RX
802.11ax (RU26/52/106/242/484/996)	2TX/1TX Diversity	2RX

Note:
1. The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz), 802.11ac mode for 20MHz (40MHz, 80MHz) and 802.11ax mode for 20MHz (40MHz, 80MHz), therefore the manufacturer will control the power for 802.11n/ac mode is the same as the 802.11ax or more lower than it and investigated worst case to representative mode in test report. (Final test mode refer to section 3.2.1)
2. For Partial RU, after pre-tested, only the worse cases were chosen for final test and presented in the test report. (Final test mode refer section 3.2.1)

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

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

3.2 Description of Test Modes

For U-NII-4

3 channels are provided for 802.11a, 802.11n, 802.11ac, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency
*169	5845 MHz	173	5865 MHz	177	5885 MHz

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

Channel	Frequency	Channel	Frequency
*167	5835 MHz	175	5875 MHz

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

Channel	Frequency
*171	5855 MHz

Note: *U-NII-3 & -4 span channels

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable To				Description
	RE≥1G	RE<1G	PLC	APCM	
1	√	√	√	√	2TX
2	√	√	-	√	1TX

Where **RE≥1G:** Radiated Emission above 1GHz **RE<1G:** Radiated Emission below 1GHz
PLC: Power Line Conducted Emission **APCM:** Antenna Port Conducted Measurement

Note: 1. The EUT's PIFA antenna had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane**.
2. For 20MHz bandwidth, 40MHz bandwidth and 80MHz bandwidth of RU mode, the worst case was found in 20MHz bandwidth. Therefore only the test data of the mode was recorded in this report.

Radiated Emission Measurement (Above 1GHz):

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

2TX (CDD Mode) & 1TX						
Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11a	169 to 177	169, 173, 177	OFDM	BPSK	6Mb/s	-
802.11ax (HE20)	169 to 177	169, 173, 177	OFDMA	BPSK	MCS0	-
802.11ax (HE40)	167 to 175	167, 175	OFDMA	BPSK	MCS0	-
802.11ax (HE80)	171	171	OFDMA	BPSK	MCS0	-
802.11ax (RU26)	169 to 177	169, 173, 177	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
802.11ax (RU52)	169 to 177	169, 173, 177	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
802.11ax (RU106)	169 to 177	169, 173, 177	OFDMA	BPSK	MCS0	106/53, 106/54, 106/54

Radiated Emission Measurement (Below 1GHz):

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

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11ax (HE40)	167 to 175	167	OFDMA	BPSK	MCS0

Power Line Conducted Emission Measurement:

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

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11ax (HE40)	167 to 175	167	OFDMA	BPSK	MCS0

Antenna Port Conducted Measurement:

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

2TX (CDD Mode)						
Mode	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate Parameter**	**RU Configuration**
802.11a	169 to 177	169, 173, 177	OFDM	BPSK	6Mb/s	
802.11ac (VHT20) (output power only)	169 to 177	169, 173, 177	OFDM	BPSK	MCS0	-
802.11ac (VHT40) (output power only)	167 to 175	167, 175	OFDM	BPSK	MCS0	-
802.11ac (VHT80) (output power only)	171	171	OFDM	BPSK	MCS0	-
802.11ax (HE20)	169 to 177	169, 173, 177	OFDMA	BPSK	MCS0	
802.11ax (HE40)	167 to 175	167, 175	OFDMA	BPSK	MCS0	
802.11ax (HE80)	171	171	OFDMA	BPSK	MCS0	
802.11ax (RU26)	169 to 177	169, 173, 177	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
802.11ax (RU52)	169 to 177	169, 173, 177	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
802.11ax (RU106)	169 to 177	169, 173, 177	OFDMA	BPSK	MCS0	106/53, 106/54, 106/54
Beamforming Mode (output power only)						
Mode	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate Parameter**	**RU Configuration**
802.11ac (VHT20)	169 to 177	169, 173, 177	OFDM	BPSK	MCS0	-
802.11ac (VHT40)	167 to 175	167, 175	OFDM	BPSK	MCS0	-
802.11ac (VHT80)	171	171	OFDM	BPSK	MCS0	-
802.11ax (HE20)	169 to 177	169, 173, 177	OFDMA	BPSK	MCS0	
802.11ax (HE40)	167 to 175	167, 175	OFDMA	BPSK	MCS0	
802.11ax (HE80)	171	171	OFDMA	BPSK	MCS0	
1TX						
Mode	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate Parameter**	**RU Configuration**
802.11a	169 to 177	169, 173, 177	OFDM	BPSK	6Mb/s	
802.11ac (VHT20) (output power only)	169 to 177	169, 173, 177	OFDM	BPSK	MCS0	-
802.11ac (VHT40) (output power only)	167 to 175	167, 175	OFDM	BPSK	MCS0	-
802.11ac (VHT80) (output power only)	171	171	OFDM	BPSK	MCS0	-
802.11ax (HE20)	169 to 177	169, 173, 177	OFDMA	BPSK	MCS0	
802.11ax (HE40)	167 to 175	167, 175	OFDMA	BPSK	MCS0	
802.11ax (HE80)	171	171	OFDMA	BPSK	MCS0	
802.11ax (RU26)	169 to 177	169, 173, 177	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
802.11ax (RU52)	169 to 177	169, 173, 177	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
802.11ax (RU106)	169 to 177	169, 173, 177	OFDMA	BPSK	MCS0	106/53, 106/54, 106/54

Test Condition:

Applicable To	Environmental Conditions	Input Power (System)	Tested By
RE≥1G	25deg. C, 66%RH	120Vac, 60Hz	Ryan Du
RE<1G	19deg. C, 64%RH	120Vac, 60Hz	Sampon Chen
PLC	22deg. C, 64%RH	120Vac, 60Hz	Sampon Chen
APCM	24deg. C, 64%RH	120Vac, 60Hz	John Peng

3.3 Duty Cycle of Test Signal

For Legacy mode:

For 2TX & 1TX:

Duty cycle of test signal is ≥ 98 %, duty factor is not required.

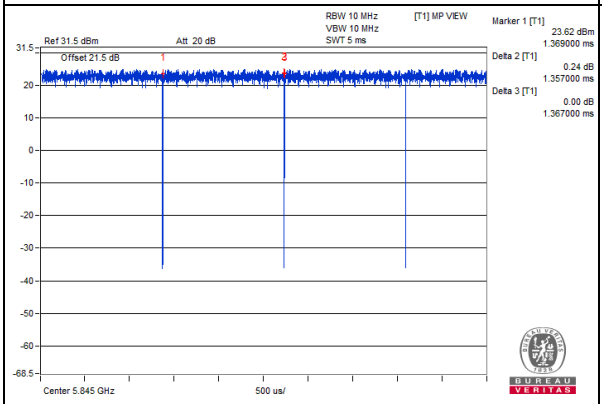
802.11a: Duty cycle = 1.357 ms/1.367 ms = 0.993

802.11ax (HE20): Duty cycle = 1.163 ms/1.172 ms = 0.992

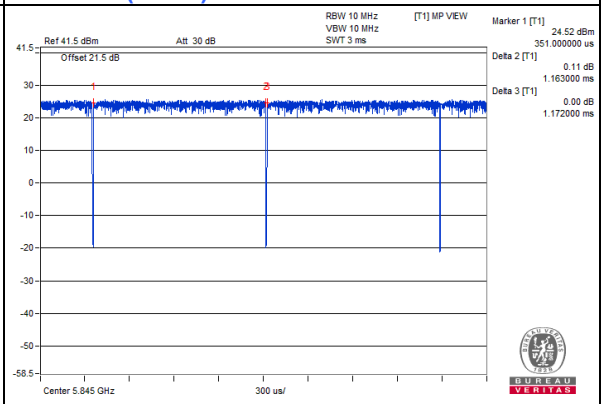
802.11ax (HE40): Duty cycle = 0.613ms/0.623 ms = 0.984

802.11ax (HE80): Duty cycle = 0.334 ms/0.34 ms = 0.982

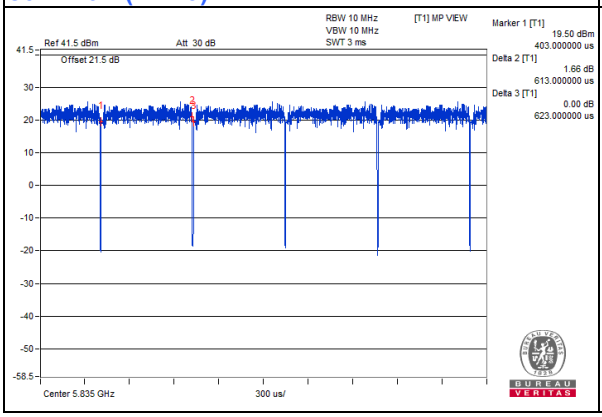
802.11a



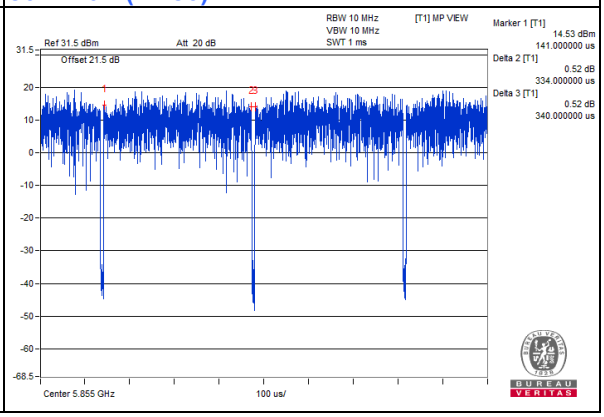
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)



For RU mode:

For 2TX:

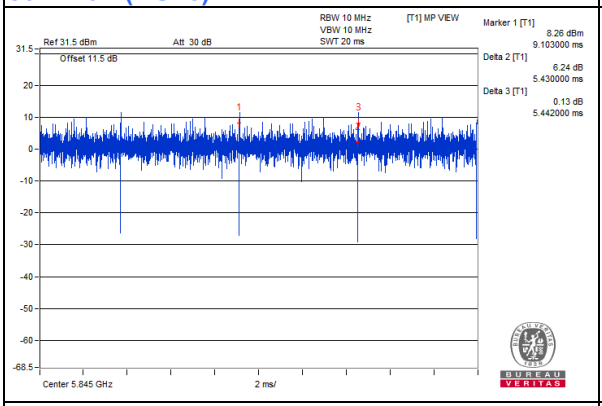
Duty cycle of test signal is ≥ 98 %, duty factor is not required.

802.11ax (RU26): Duty cycle = 5.43 ms/5.442 ms = 0.998

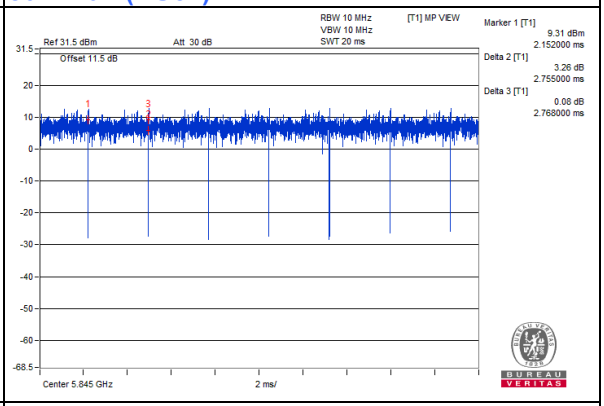
802.11ax (RU52): Duty cycle = 2.755 ms/2.768 ms = 0.995

802.11ax (RU106): Duty cycle = 1.339 ms/1.358 ms = 0.986

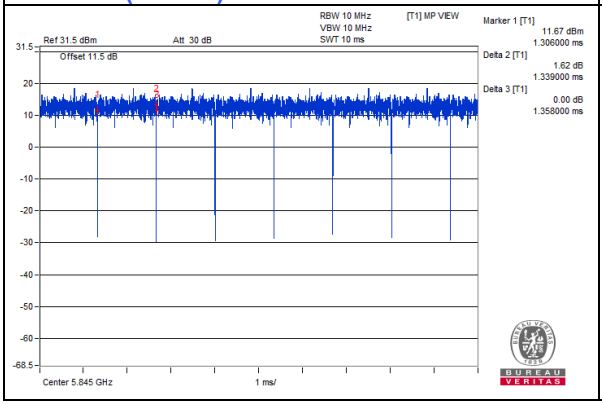
802.11ax (RU26)



802.11ax (RU52)



802.11ax (RU106)



For 1TX:

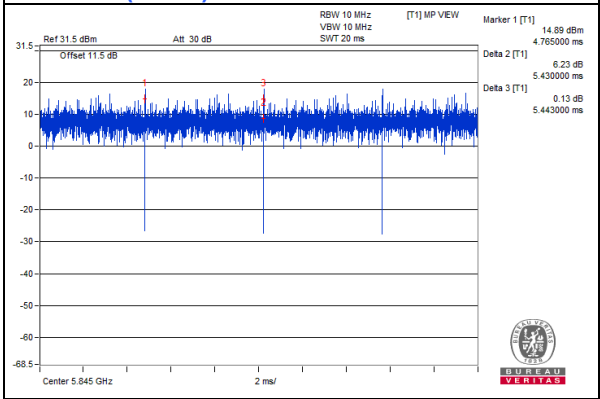
Duty cycle of test signal is ≥ 98 %, duty factor is not required.

802.11ax (RU26): Duty cycle = 5.43 ms/5.443 ms = 0.998

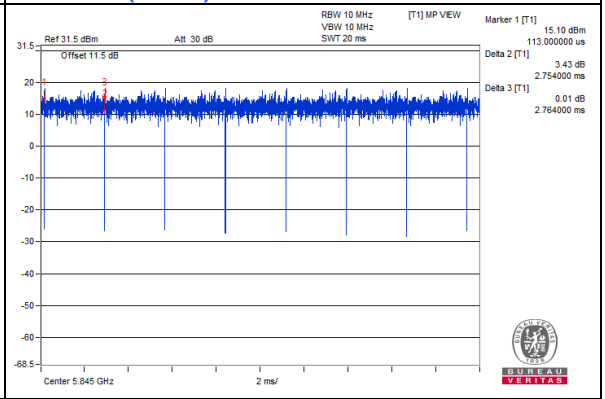
802.11ax (RU52): Duty cycle = 2.754 ms/2.764 ms = 0.996

802.11ax (RU106): Duty cycle = 1.339 ms/1.366 ms = 0.98

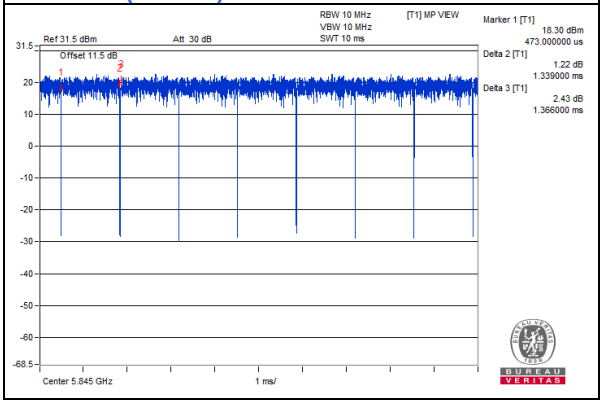
802.11ax (RU26)



802.11ax (RU52)



802.11ax (RU106)



3.4 Description of Support Units

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

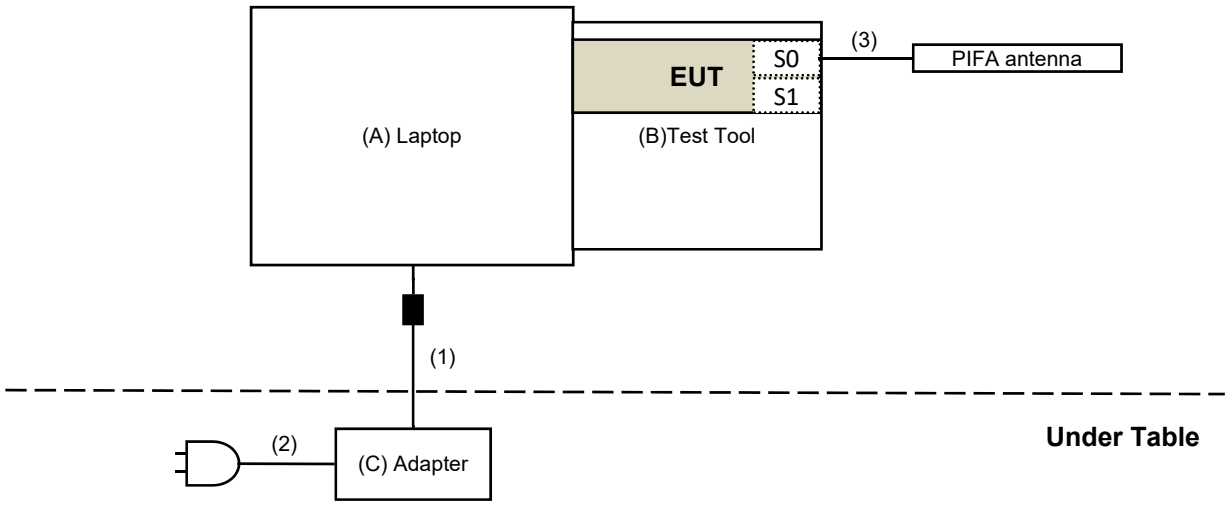
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	DELL	E6420	B92T3R1	FCC DoC	Provided by Lab
B	Test Tool	Realtek	N/A	N/A	N/A	Supplied by applicant
C	Adapter	DELL	LA65NS2-01	N/A	N/A	Provided by Lab
D	Test Tool	Realtek	N/A	N/A	N/A	Supplied by applicant
E	Test Tool	Realtek	N/A	N/A	N/A	Supplied by applicant

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	DC Cable	1	1.8	No	1	Provided by Lab
2	AC Cable	1	1	No	0	Provided by Lab
3	RF Cable	1	0.3	No	0	Supplied by applicant
4	RF Cable	1	0.3	No	0	Supplied by applicant
5	RF Cable	1	0.3	No	0	Supplied by applicant
6	RF Cable	1	0.3	No	0	Supplied by applicant
7	Data Cable	1	0.2	No	0	Supplied by applicant

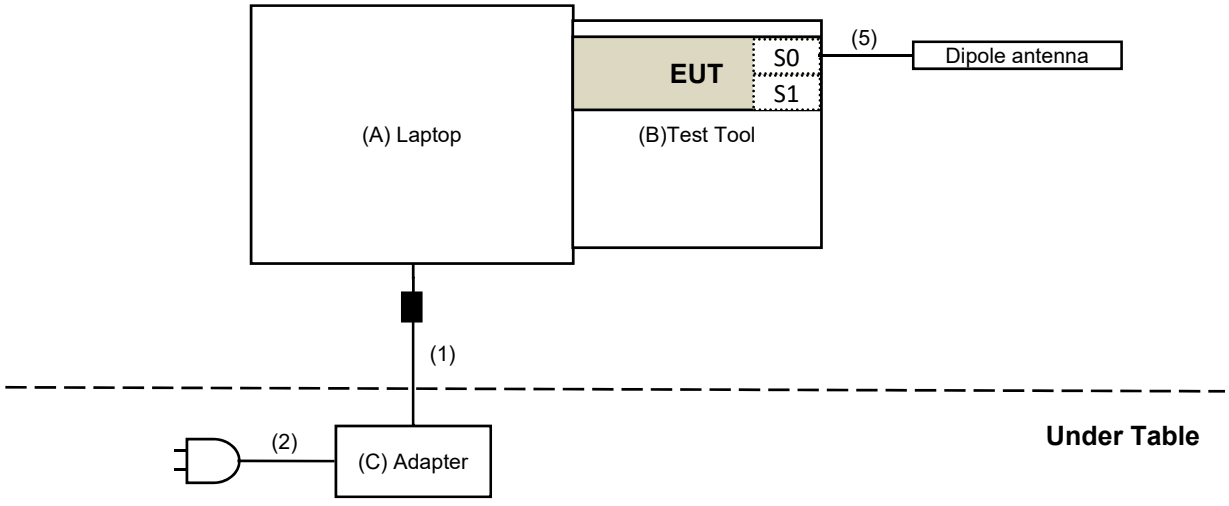
3.4.1 Configuration of System under Test

For Radiated Emission above 1 GHz test

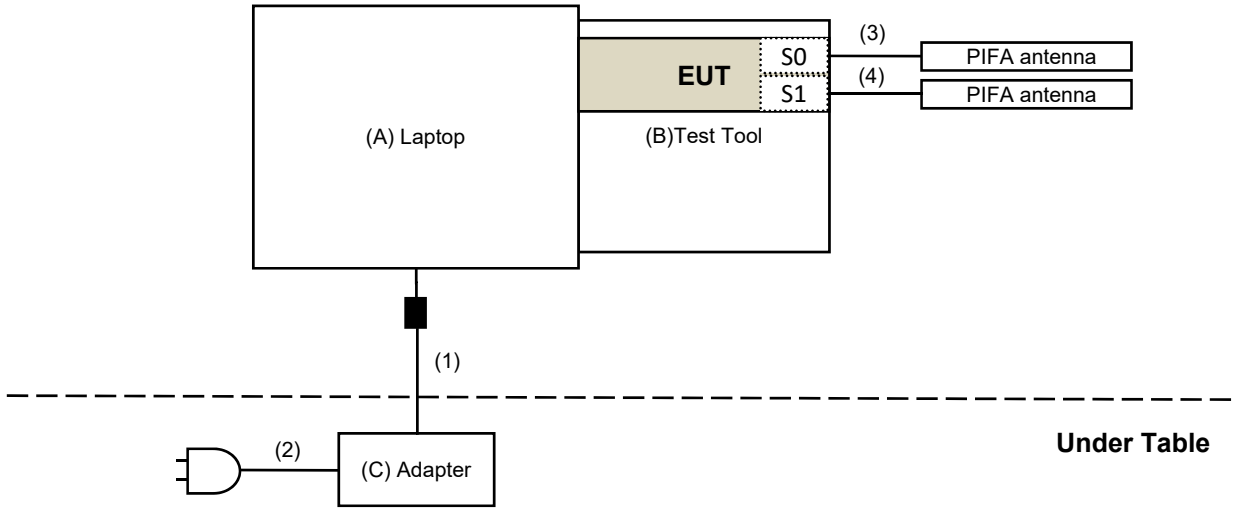
(PIFA antenna 1Tx 5.9G PCIe + USB interface + dual antenna port)



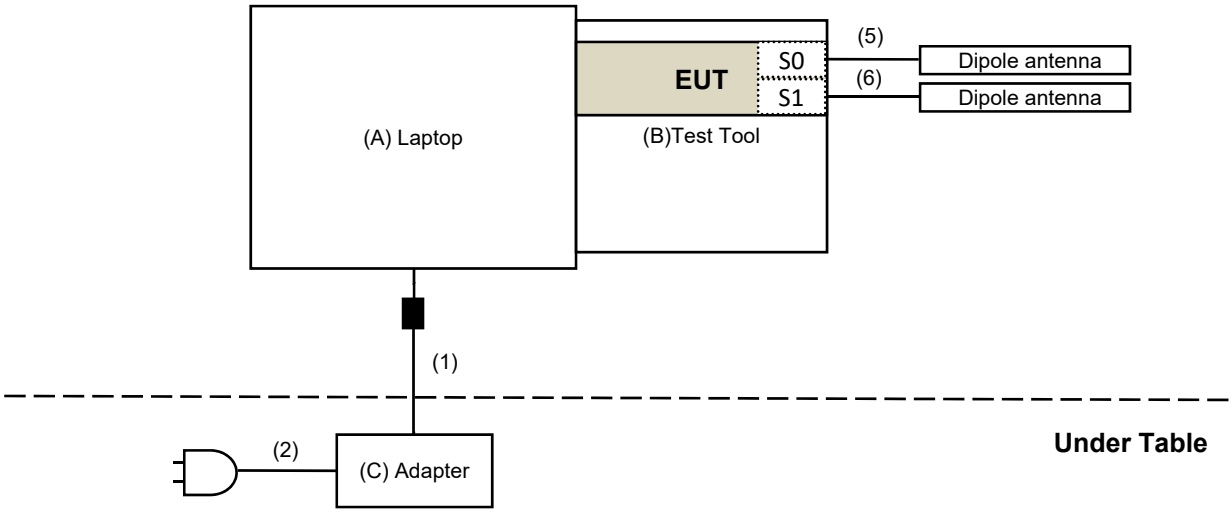
(Dipole antenna 1Tx 5.9G PCIe + USB interface + dual antenna port)



(PIFA antenna 2Tx PCIe + USB interface + dual antenna port)

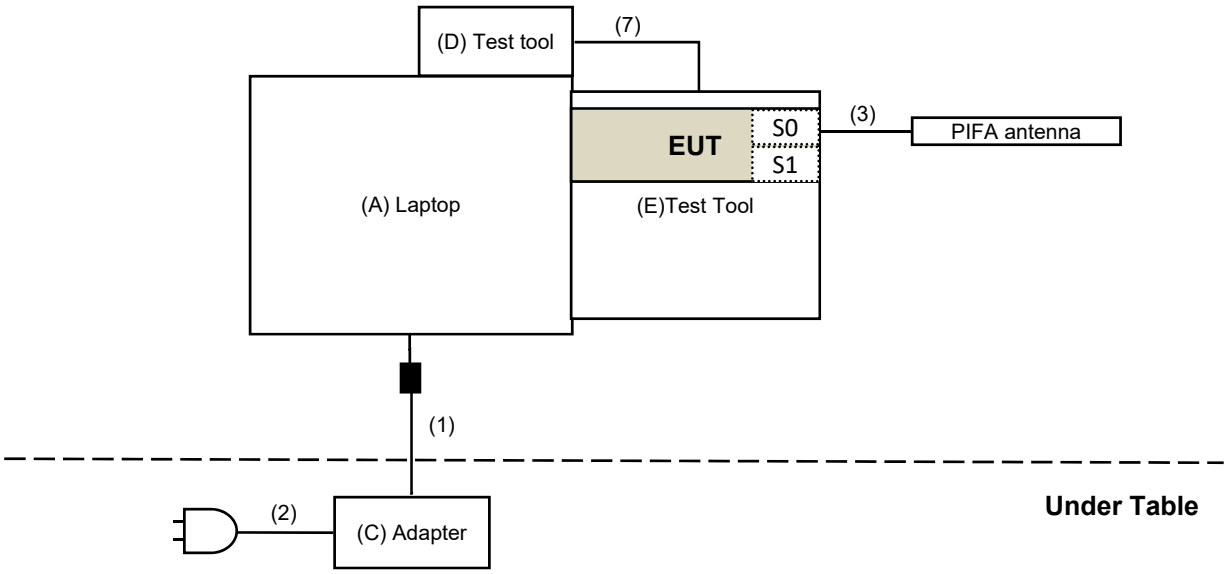


(Dipole antenna 2Tx PCIe + USB interface + dual antenna port)

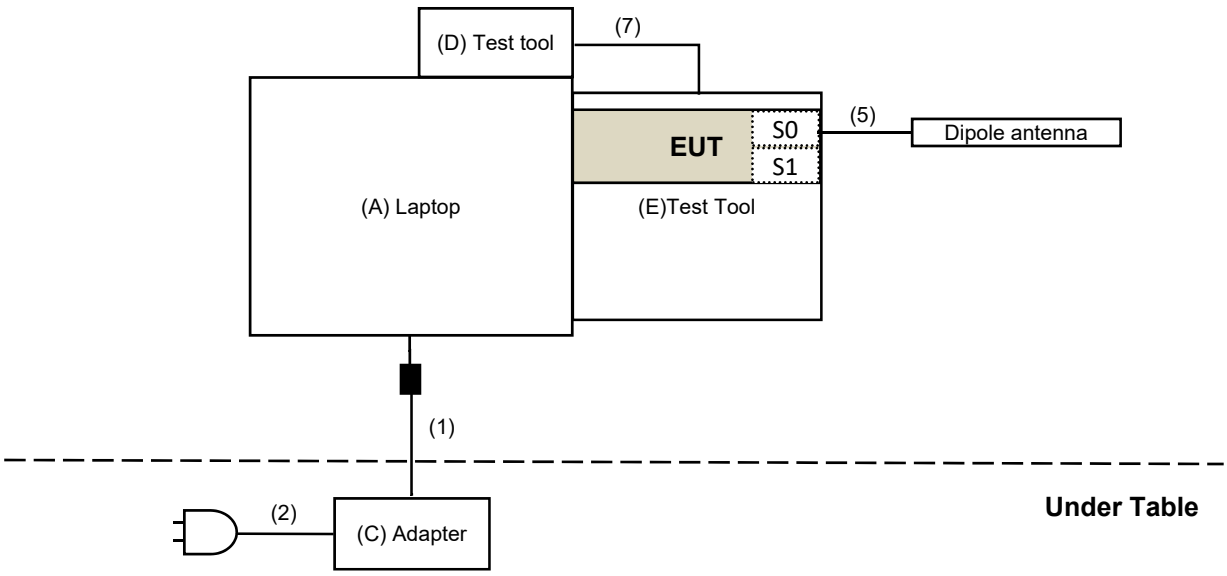


For Radiated Emission below 1 GHz test

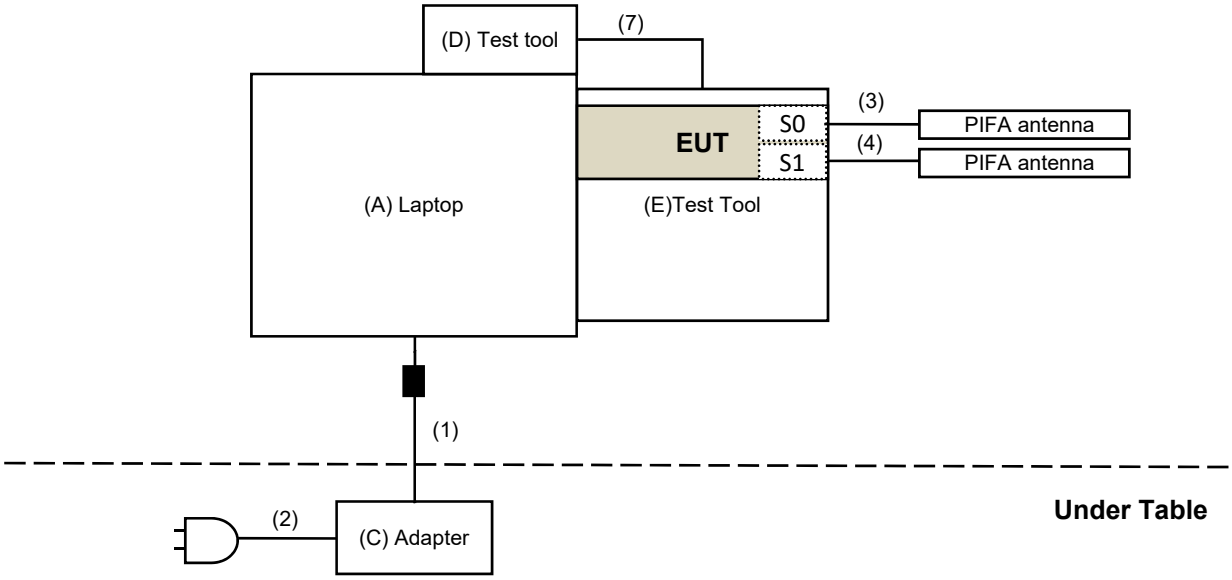
(PIFA antenna 1Tx 5.9G PCIe + UART interface + dual antenna port)



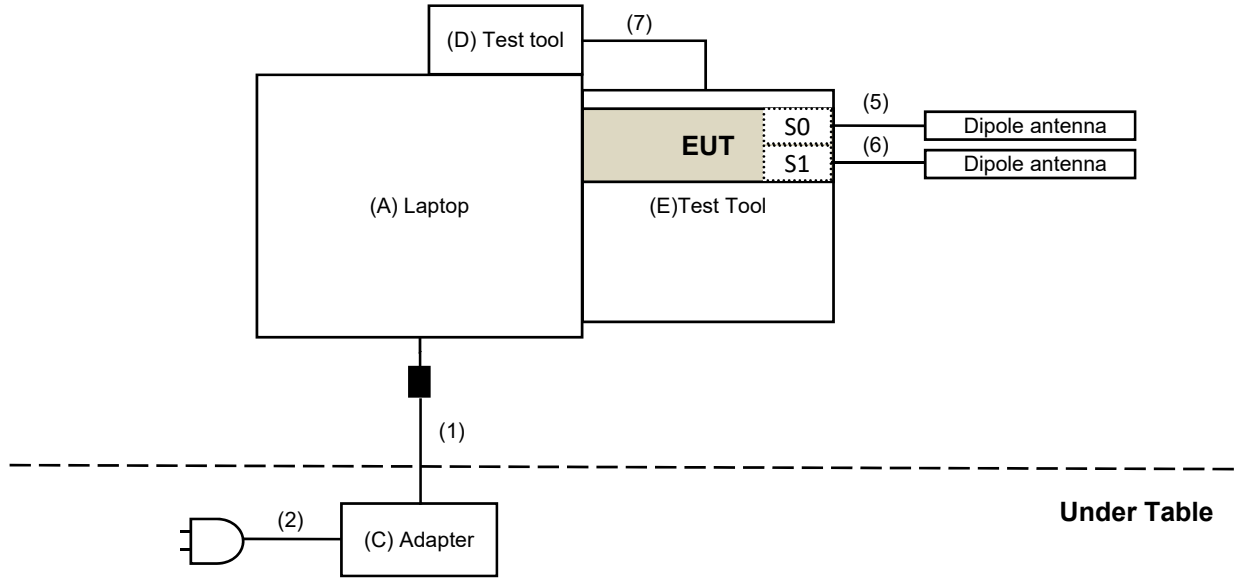
(Dipole antenna 1Tx 5.9G PCIe + UART interface + dual antenna port)



(PIFA antenna 2Tx PCIe + UART interface + dual antenna port)

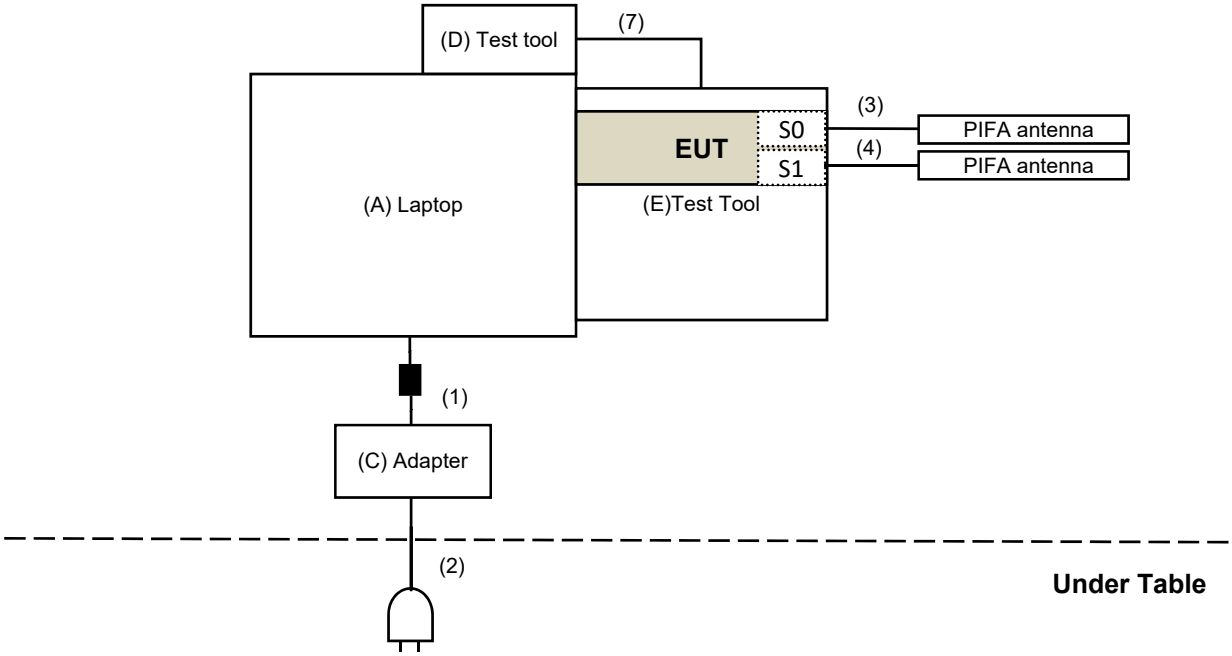


(Dipole antenna 2Tx PCIe + UART interface + dual antenna port)



For AC Power Conducted Emission test

(PIFA antenna 2Tx PCIe + UART interface + dual antenna port)



3.5 General Description of Applied Standards and References

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

Test Standard:
FCC Part 15, Subpart E (15.407)
ANSI C63.10-2013

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

References Test Guidance:
KDB 291074 D02 EMC Measurement v01
KDB 789033 D02 General UNII Test Procedure New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01

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

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

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

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

NOTE:

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

Limits of unwanted emission out of the restricted bands

(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of −7 dBm/MHz at or above 5.925 GHz.

(ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of −5 dBm/MHz and shall decrease linearly to an e.i.r.p. of −27 dBm/MHz at or above 5.925 GHz.

(iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.

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).

4.1.2 Test Instruments

For Radiated Emission & Bandedge test:

Description & Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Test Receiver R&S	ESR3	102528	2022/2/25	2023/2/24
Spectrum Analyzer Keysight	N9020B	MY60112410	2022/3/13	2023/3/12
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	NA	NA
Pre_Amplifier Agilent	8447D	2944A10636	2022/3/19	2023/3/18
LOOP ANTENNA Electro-Metrics	EM-6879	264	2022/3/18	2023/3/17
RF Coaxial Cable JYEBO	5D-FB	LOOPCAB-001	2022/1/6	2023/1/5
RF Coaxial Cable JYEBO	5D-FB	LOOPCAB-002	2022/1/6	2023/1/5
Pre_Amplifier EMCI	EMC330N	980538	2022/4/25	2023/4/24
Bilog Antenna Schwarzbeck	VULB 9168	9168-0842	2021/10/26	2022/10/25
RF Coaxial Cable COMMATE/PEWC	8D	966-5-1	2022/4/25	2023/4/24
RF Coaxial Cable COMMATE/PEWC	8D	966-5-2	2022/4/25	2023/4/24
RF Coaxial Cable COMMATE/PEWC	8D	966-5-3	2022/4/25	2023/4/24
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-02	2022/1/10	2023/1/9
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-1819	2021/11/14	2022/11/13
Pre_Amplifier EMCI	EMC12630SE	980509	2022/4/25	2023/4/24
RF Coaxial Cable EMCI	EMC104-SM-SM-1500	180503	2022/4/25	2023/4/24
RF Coaxial Cable EMCI	EMC104-SM-SM-2000	180501	2022/4/25	2023/4/24
RF Coaxial Cable EMCI	EMC104-SM-SM-6000	180506	2022/4/25	2023/4/24
Pre_Amplifier EMCI	EMC184045SE	980387	2022/1/10	2023/1/9
Horn Antenna Schwarzbeck	BBHA 9170	9170-739	2021/11/14	2022/11/13
RF Cable-Frequency range: 1-40GHz EMCI	EMC102-KM-KM-1200	160924	2022/1/10	2023/1/9
RF Coaxial Cable EMCI	EMC-KM-KM-4000	200214	2022/3/8	2023/3/7

Note: 1. The test was performed in 966 Chamber No. 5.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. Tested Date: 2022/5/30 ~ 2022/6/27

For other test items (For legacy mode):

Description & Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Spectrum Analyzer R&S	FSV40	101516	2022/3/7	2023/3/6
Power Meter Anritsu	ML2495A	1529002	2021/6/21	2022/6/20
Pulse Power Sensor Anritsu	MA2411B	1726434	2021/6/21	2022/6/20
Attenuator WOKEN	MDCS18N-10	MDCS18N-10-01	2022/4/5	2023/4/4
Software	ADT_RF Test Software V6.6.5.4	NA	NA	NA
DC POWER SUPPLY Topward	6603D	795558	NA	NA
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	2022/1/14	2023/1/13

Note: 1. The test was performed in Oven room 2.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. Tested Date: 2022/6/2

For other test items (For RU mode):

Description & Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Spectrum Analyzer R&S	FSV40	101516	2022/3/7	2023/3/6
Power Meter Anritsu	ML2495A	1529002	2022/6/22	2023/6/21
Pulse Power Sensor Anritsu	MA2411B	1726434	2022/6/22	2023/6/21
Attenuator WOKEN	MDCS18N-10	MDCS18N-10-01	2022/4/5	2023/4/4
Software	ADT_RF Test Software V6.6.5.4	NA	NA	NA
DC POWER SUPPLY Topward	6603D	795558	NA	NA
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	2022/1/14	2023/1/13

Note: 1. The test was performed in Oven room 2.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. Tested Date: 2022/7/30

4.1.3 Test Procedure

For Radiated emission below 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

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

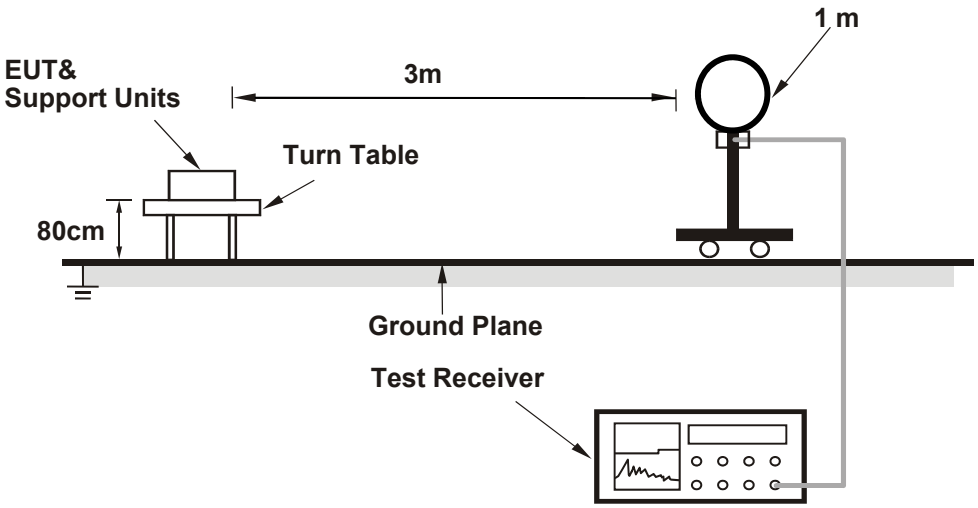
f. The test-receiver system was set to peak detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the RMS detector is unnecessary.

Note:

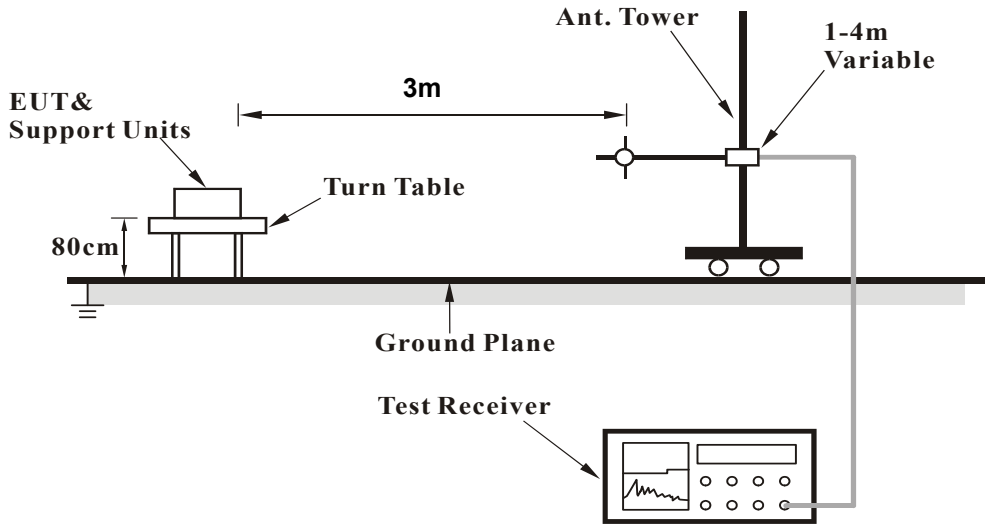
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.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

4.1.4 Test Setup

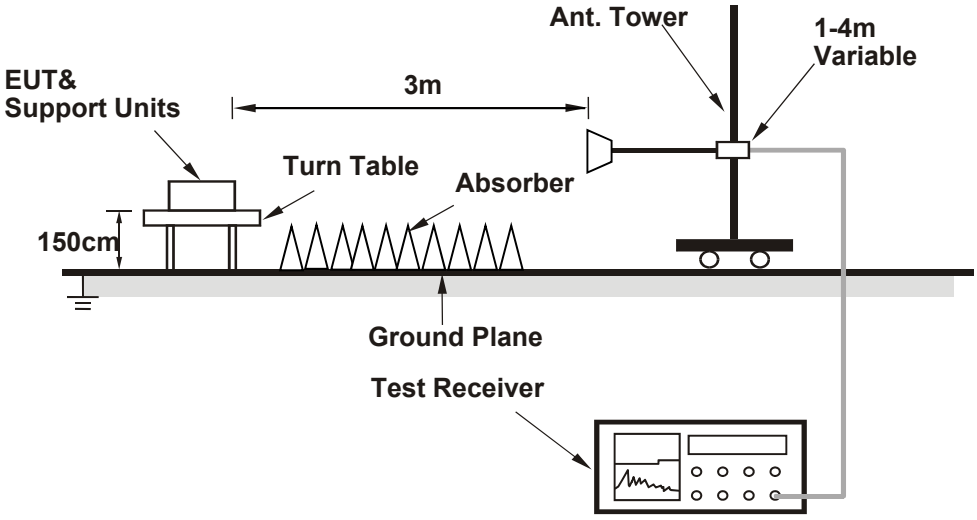
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



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

4.1.5 EUT Operating Condition

a. Placed the EUT on the testing table.
b. Controlling software (RTL8852B_PCIE_MP_Package_ALPHA_v1.0.44) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

4.1.6 Test Results (Mode 1)

Dipole Antenna

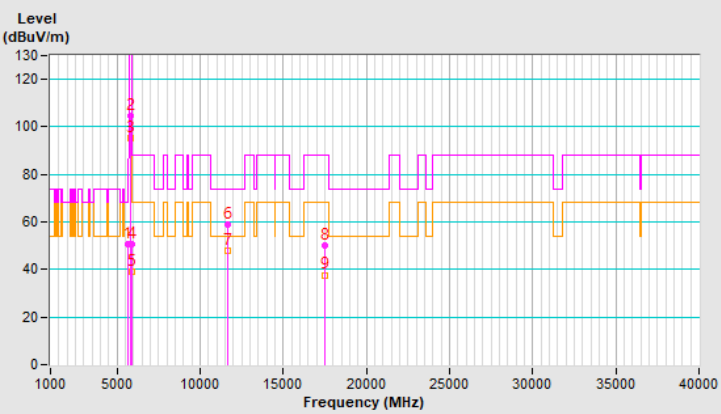
Above 1GHz Data:

RF Mode	TX 802.11a	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	25°C, 66% RH
Tested By	Ryan Du		

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	#5619.72	50.6 PK	68.2	-17.6	1.27 H	154	48.4	2.2
2	*5845.00	104.6 PK			1.27 H	154	101.8	2.8
3	*5845.00	95.5 AV			1.27 H	154	92.7	2.8
4	#5933.06	50.5 PK	88.2	-37.7	1.27 H	154	47.6	2.9
5	#5933.06	38.9 AV	68.2	-29.3	1.27 H	154	36.0	2.9
6	11690.00	59.1 PK	74.0	-14.9	1.28 H	345	47.4	11.7
7	11690.00	47.9 AV	54.0	-6.1	1.28 H	345	36.2	11.7
8	#17535.00	50.1 PK	88.2	-38.1	1.48 H	333	31.3	18.8
9	#17535.00	37.7 AV	68.2	-30.5	1.48 H	333	18.9	18.8

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.

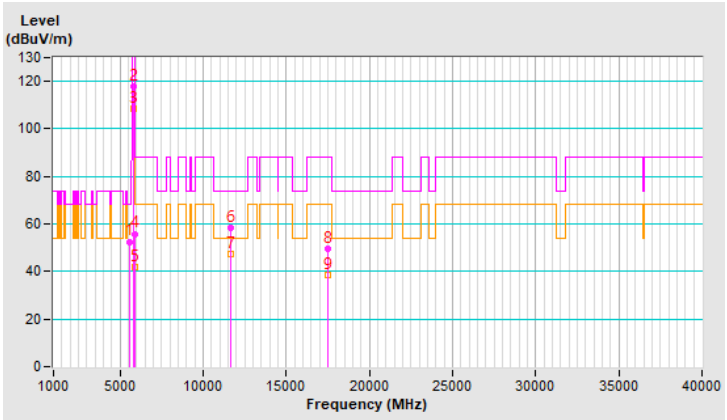


RF Mode	TX 802.11a	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5591.87	52.6 PK	68.2	-15.6	1.61 V	283	50.4	2.2
2	*5845.00	117.8 PK			1.61 V	283	115.0	2.8
3	*5845.00	108.3 AV			1.61 V	283	105.5	2.8
4	#5927.21	55.9 PK	88.2	-32.3	1.61 V	283	53.0	2.9
5	#5927.21	41.6 AV	68.2	-26.6	1.61 V	283	38.7	2.9
6	11690.00	58.6 PK	74.0	-15.4	2.05 V	291	46.9	11.7
7	11690.00	47.4 AV	54.0	-6.6	2.05 V	291	35.7	11.7
8	#17535.00	49.8 PK	88.2	-38.4	2.73 V	34	31.0	18.8
9	#17535.00	38.5 AV	68.2	-29.7	2.73 V	34	19.7	18.8

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.

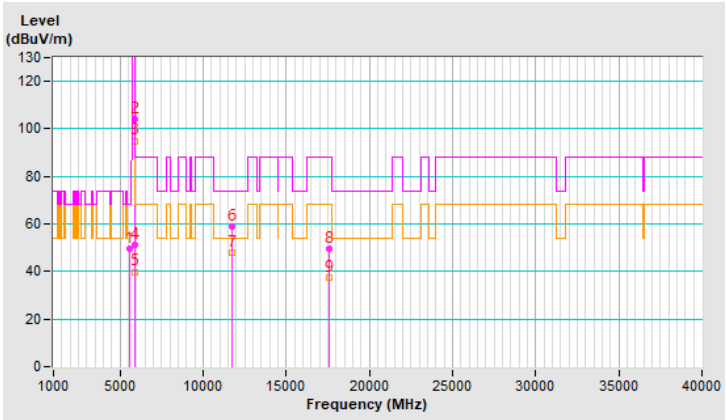


RF Mode	TX 802.11a	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5583.32	49.8 PK	68.2	-18.4	2.68 H	202	47.6	2.2
2	*5865.00	104.0 PK			2.68 H	202	101.1	2.9
3	*5865.00	95.0 AV			2.68 H	202	92.1	2.9
4	#5925.00	51.3 PK	88.2	-36.9	2.68 H	202	48.4	2.9
5	#5925.00	39.9 AV	68.2	-28.3	2.68 H	202	37.0	2.9
6	11730.00	58.7 PK	74.0	-15.3	1.29 H	340	47.2	11.5
7	11730.00	47.7 AV	54.0	-6.3	1.29 H	340	36.2	11.5
8	#17595.00	49.8 PK	88.2	-38.4	1.43 H	344	30.6	19.2
9	#17595.00	37.5 AV	68.2	-30.7	1.43 H	344	18.3	19.2

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.

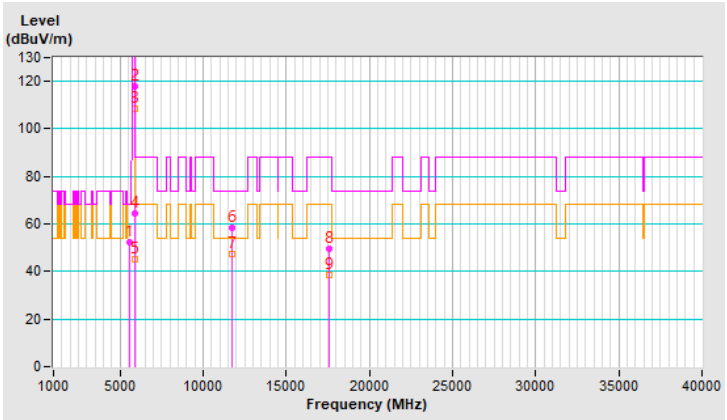


RF Mode	TX 802.11a	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5578.75	52.4 PK	68.2	-15.8	1.58 V	271	50.2	2.2
2	*5865.00	117.9 PK			1.58 V	271	115.0	2.9
3	*5865.00	108.6 AV			1.58 V	271	105.7	2.9
4	#5925.00	64.3 PK	88.2	-23.9	1.58 V	271	61.4	2.9
5	#5925.00	45.1 AV	68.2	-23.1	1.58 V	271	42.2	2.9
6	11730.00	58.2 PK	74.0	-15.8	2.12 V	317	46.7	11.5
7	11730.00	47.1 AV	54.0	-6.9	2.12 V	317	35.6	11.5
8	#17595.00	49.8 PK	88.2	-38.4	2.82 V	45	30.6	19.2
9	#17595.00	38.7 AV	68.2	-29.5	2.82 V	45	19.5	19.2

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.

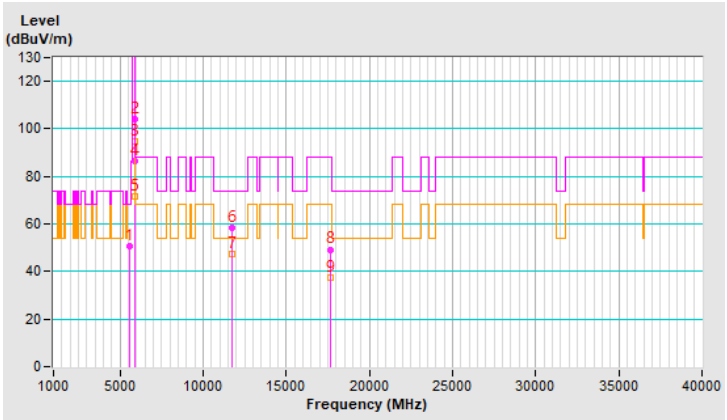


RF Mode	TX 802.11a	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5568.81	50.5 PK	68.2	-17.7	2.72 H	199	48.3	2.2
2	*5885.00	103.9 PK			2.72 H	199	101.0	2.9
3	*5885.00	94.8 AV			2.72 H	199	91.9	2.9
4	#5895.00	86.4 PK	110.2	-23.8	2.72 H	199	83.5	2.9
5	#5895.00	71.8 AV	90.2	-18.4	2.72 H	199	68.9	2.9
6	11770.00	58.6 PK	74.0	-15.4	1.16 H	344	47.1	11.5
7	11770.00	47.6 AV	54.0	-6.4	1.16 H	344	36.1	11.5
8	#17655.00	49.3 PK	88.2	-38.9	1.32 H	315	29.7	19.6
9	#17655.00	37.2 AV	68.2	-31.0	1.32 H	315	17.6	19.6

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.

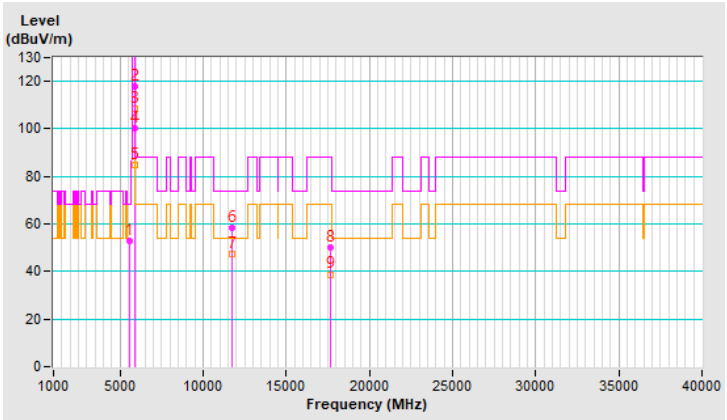


RF Mode	TX 802.11a	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5563.73	52.7 PK	68.2	-15.5	1.58 V	270	50.5	2.2
2	*5885.00	117.8 PK			1.58 V	270	114.9	2.9
3	*5885.00	108.4 AV			1.58 V	270	105.5	2.9
4	#5895.00	100.1 PK	110.2	-10.1	1.58 V	270	97.2	2.9
5	#5895.00	84.7 AV	90.2	-5.5	1.58 V	270	81.8	2.9
6	11770.00	58.5 PK	74.0	-15.5	2.12 V	308	47.0	11.5
7	11770.00	47.5 AV	54.0	-6.5	2.12 V	308	36.0	11.5
8	#17655.00	49.9 PK	88.2	-38.3	2.83 V	57	30.3	19.6
9	#17655.00	38.8 AV	68.2	-29.4	2.83 V	57	19.2	19.6

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.

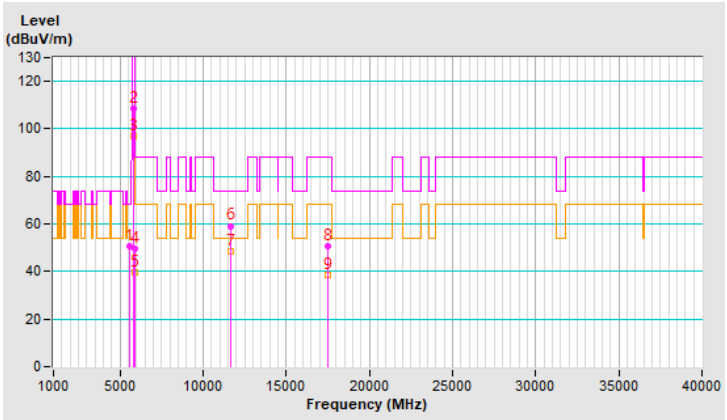


RF Mode	TX 802.11ax (HE20)	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5565.00	50.5 PK	68.2	-17.7	2.76 H	199	48.3	2.2
2	*5845.00	108.4 PK			2.76 H	199	105.6	2.8
3	*5845.00	96.7 AV			2.76 H	199	93.9	2.8
4	#5925.00	49.4 PK	88.2	-38.8	2.76 H	199	46.5	2.9
5	#5925.00	39.4 AV	68.2	-28.8	2.76 H	199	36.5	2.9
6	11690.00	59.2 PK	74.0	-14.8	1.17 H	333	47.5	11.7
7	11690.00	48.2 AV	54.0	-5.8	1.17 H	333	36.5	11.7
8	#17535.00	50.5 PK	88.2	-37.7	1.40 H	321	31.7	18.8
9	#17535.00	38.7 AV	68.2	-29.5	1.40 H	321	19.9	18.8

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.

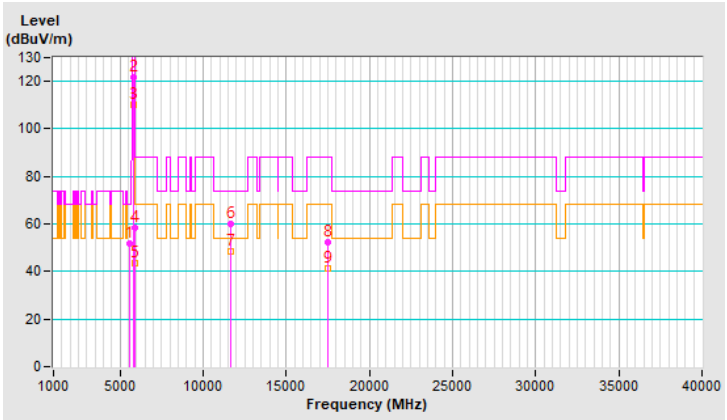


RF Mode	TX 802.11ax (HE20)	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5554.52	51.7 PK	68.2	-16.5	1.69 V	275	49.5	2.2
2	*5845.00	121.6 PK			1.69 V	275	118.8	2.8
3	*5845.00	110.0 AV			1.69 V	275	107.2	2.8
4	#5925.00	58.4 PK	88.2	-29.8	1.69 V	275	55.5	2.9
5	#5925.00	43.5 AV	68.2	-24.7	1.69 V	275	40.6	2.9
6	11690.00	60.2 PK	74.0	-13.8	2.37 V	284	48.5	11.7
7	11690.00	48.7 AV	54.0	-5.3	2.37 V	284	37.0	11.7
8	#17535.00	52.4 PK	88.2	-35.8	2.78 V	49	33.6	18.8
9	#17535.00	41.2 AV	68.2	-27.0	2.78 V	49	22.4	18.8

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.

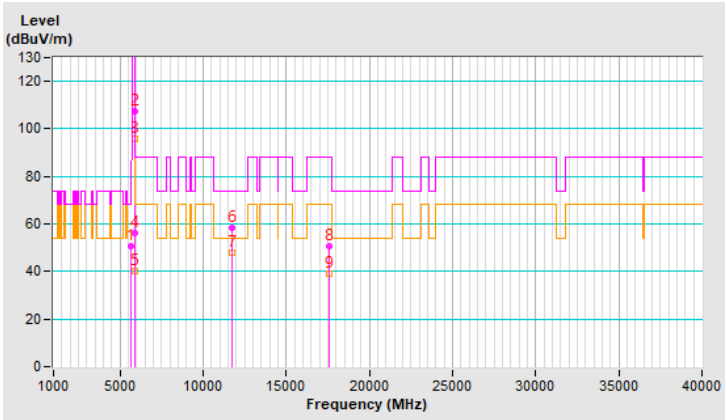


RF Mode	TX 802.11ax (HE20)	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5625.38	50.9 PK	68.2	-17.3	2.78 H	199	48.6	2.3
2	*5865.00	107.6 PK			2.78 H	199	104.7	2.9
3	*5865.00	95.9 AV			2.78 H	199	93.0	2.9
4	#5925.00	56.2 PK	88.2	-32.0	2.78 H	199	53.3	2.9
5	#5925.00	40.2 AV	68.2	-28.0	2.78 H	199	37.3	2.9
6	11730.00	58.5 PK	74.0	-15.5	1.21 H	342	47.0	11.5
7	11730.00	47.8 AV	54.0	-6.2	1.21 H	342	36.3	11.5
8	#17595.00	50.9 PK	88.2	-37.3	1.40 H	309	31.7	19.2
9	#17595.00	39.1 AV	68.2	-29.1	1.40 H	309	19.9	19.2

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.

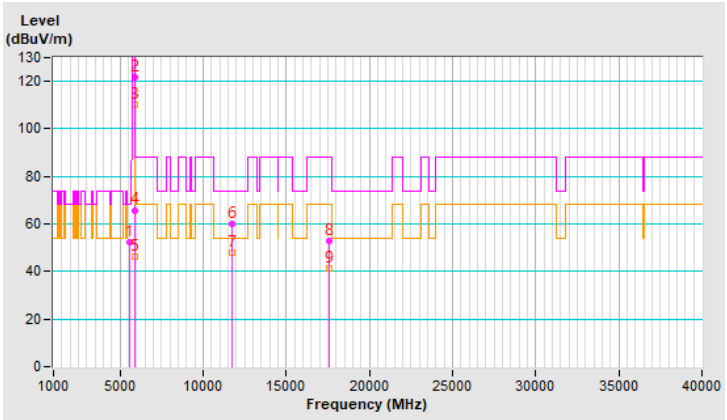


RF Mode	TX 802.11ax (HE20)	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5558.17	52.3 PK	68.2	-15.9	1.58 V	271	50.1	2.2
2	*5865.00	121.8 PK			1.58 V	271	118.9	2.9
3	*5865.00	109.9 AV			1.58 V	271	107.0	2.9
4	#5925.00	65.8 PK	88.2	-22.4	1.58 V	271	62.9	2.9
5	#5925.00	46.5 AV	68.2	-21.7	1.58 V	271	43.6	2.9
6	11730.00	59.8 PK	74.0	-14.2	2.42 V	295	48.3	11.5
7	11730.00	48.1 AV	54.0	-5.9	2.42 V	295	36.6	11.5
8	#17595.00	52.7 PK	88.2	-35.5	2.83 V	45	33.5	19.2
9	#17595.00	41.3 AV	68.2	-26.9	2.83 V	45	22.1	19.2

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.

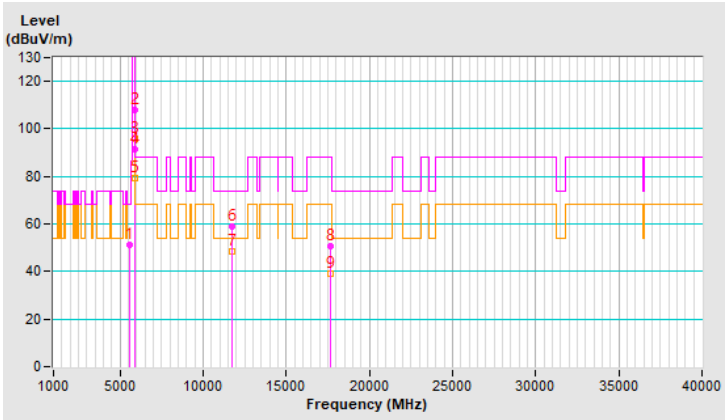


RF Mode	TX 802.11ax (HE20)	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5585.78	51.1 PK	68.2	-17.1	2.76 H	202	48.9	2.2
2	*5885.00	107.8 PK			2.76 H	202	104.9	2.9
3	*5885.00	96.0 AV			2.76 H	202	93.1	2.9
4	#5895.00	91.4 PK	110.2	-18.8	2.76 H	202	88.5	2.9
5	#5895.00	79.1 AV	90.2	-11.1	2.76 H	202	76.2	2.9
6	11770.00	59.1 PK	74.0	-14.9	1.18 H	354	47.6	11.5
7	11770.00	48.2 AV	54.0	-5.8	1.18 H	354	36.7	11.5
8	#17655.00	50.7 PK	88.2	-37.5	1.46 H	298	31.1	19.6
9	#17655.00	38.9 AV	68.2	-29.3	1.46 H	298	19.3	19.6

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.

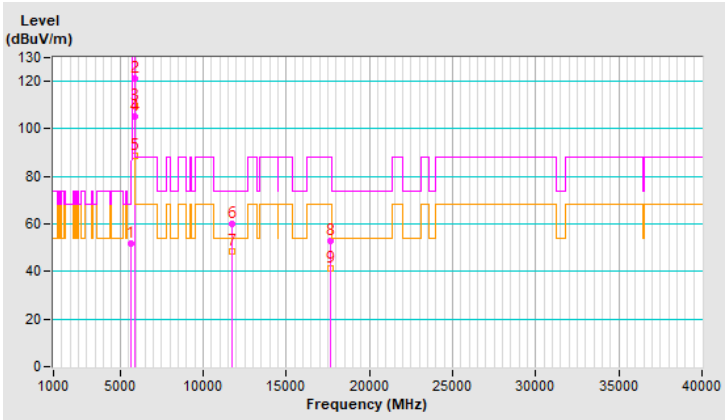


RF Mode	TX 802.11ax (HE20)	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5636.18	51.9 PK	68.2	-16.3	1.67 V	270	49.6	2.3
2	*5885.00	121.4 PK			1.67 V	270	118.5	2.9
3	*5885.00	109.8 AV			1.67 V	270	106.9	2.9
4	#5895.00	105.2 PK	110.2	-5.0	1.67 V	270	102.3	2.9
5	#5895.00	88.6 AV	90.2	-1.6	1.67 V	270	85.7	2.9
6	11770.00	60.2 PK	74.0	-13.8	2.43 V	293	48.7	11.5
7	11770.00	48.5 AV	54.0	-5.5	2.43 V	293	37.0	11.5
8	#17655.00	52.8 PK	88.2	-35.4	2.75 V	62	33.2	19.6
9	#17655.00	41.3 AV	68.2	-26.9	2.75 V	62	21.7	19.6

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.

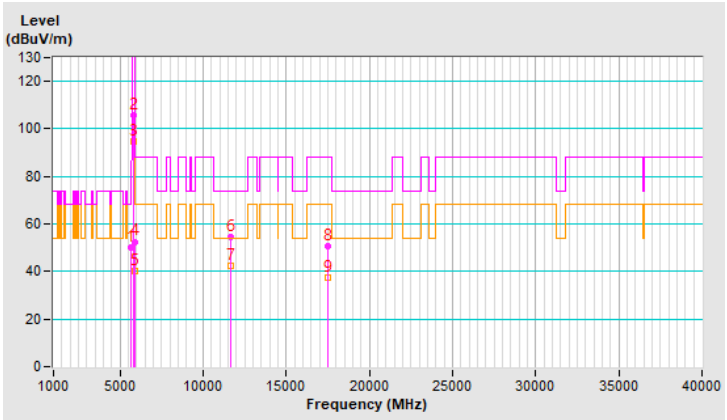


RF Mode	TX 802.11ax (HE40)	Channel	CH 167：5835 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5643.71	50.2 PK	68.2	-18.0	2.75 H	129	47.9	2.3
2	*5835.00	105.9 PK			2.75 H	129	103.1	2.8
3	*5835.00	94.6 AV			2.75 H	129	91.8	2.8
4	#5925.00	52.6 PK	88.2	-35.6	2.75 H	129	49.7	2.9
5	#5925.00	40.2 AV	68.2	-28.0	2.75 H	129	37.3	2.9
6	11670.00	54.4 PK	74.0	-19.6	1.26 H	303	42.6	11.8
7	11670.00	42.5 AV	54.0	-11.5	1.26 H	303	30.7	11.8
8	#17505.00	50.7 PK	88.2	-37.5	1.50 H	294	32.0	18.7
9	#17505.00	37.6 AV	68.2	-30.6	1.50 H	294	18.9	18.7

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.

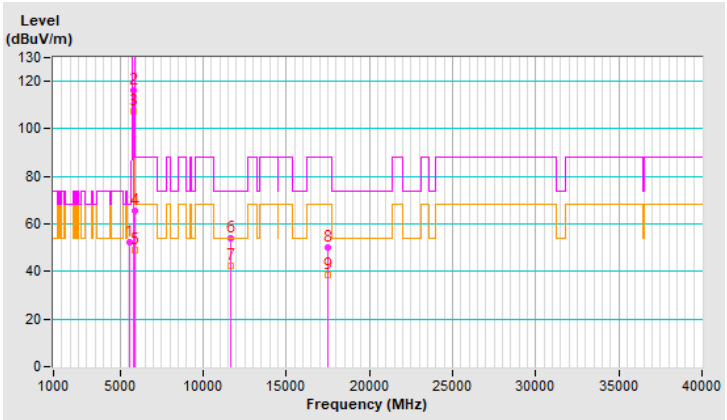


RF Mode	TX 802.11ax (HE40)	Channel	CH 167：5835 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5577.48	52.4 PK	68.2	-15.8	1.50 V	259	50.2	2.2
2	*5835.00	116.1 PK			1.50 V	259	113.3	2.8
3	*5835.00	107.2 AV			1.50 V	259	104.4	2.8
4	#5925.00	65.7 PK	88.2	-22.5	1.50 V	259	62.8	2.9
5	#5925.00	48.9 AV	68.2	-19.3	1.50 V	259	46.0	2.9
6	11670.00	54.0 PK	74.0	-20.0	2.02 V	293	42.2	11.8
7	11670.00	42.5 AV	54.0	-11.5	2.02 V	293	30.7	11.8
8	#17505.00	49.9 PK	88.2	-38.3	2.86 V	62	31.2	18.7
9	#17505.00	38.7 AV	68.2	-29.5	2.86 V	62	20.0	18.7

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.

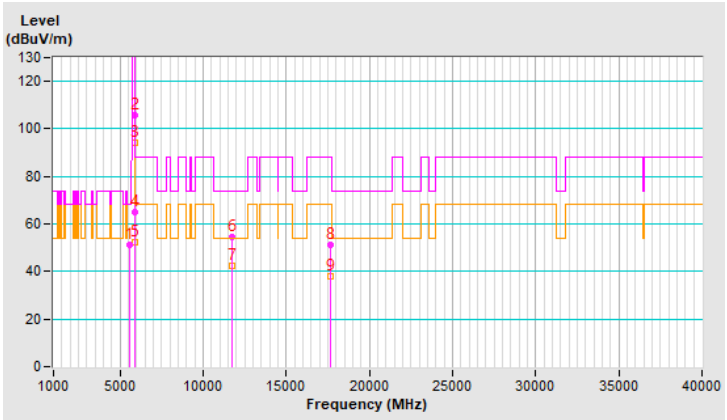


RF Mode	TX 802.11ax (HE40)	Channel	CH 175：5875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5596.91	51.2 PK	68.2	-17.0	2.74 H	198	49.0	2.2
2	*5875.00	105.8 PK			2.74 H	198	102.9	2.9
3	*5875.00	94.2 AV			2.74 H	198	91.3	2.9
4	#5925.00	65.1 PK	88.2	-23.1	2.74 H	198	62.2	2.9
5	#5925.00	52.1 AV	68.2	-16.1	2.74 H	198	49.2	2.9
6	11750.00	54.3 PK	74.0	-19.7	1.31 H	292	42.7	11.6
7	11750.00	42.2 AV	54.0	-11.8	1.31 H	292	30.6	11.6
8	#17625.00	51.0 PK	88.2	-37.2	1.52 H	282	31.6	19.4
9	#17625.00	37.8 AV	68.2	-30.4	1.52 H	282	18.4	19.4

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.

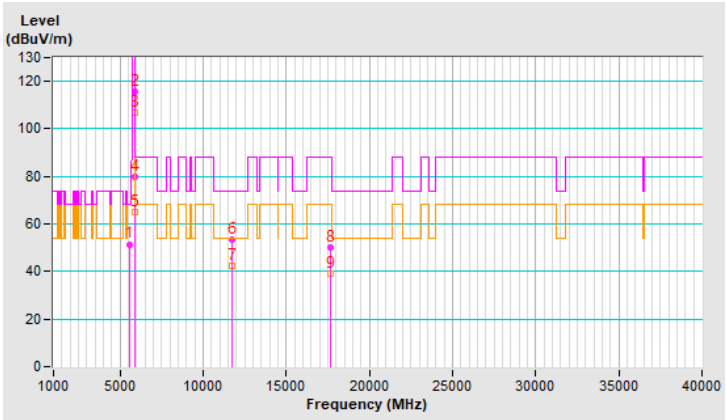


RF Mode	TX 802.11ax (HE40)	Channel	CH 175：5875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5565.79	51.5 PK	68.2	-16.7	1.59 V	270	49.3	2.2
2	*5875.00	115.8 PK			1.59 V	270	112.9	2.9
3	*5875.00	106.9 AV			1.59 V	270	104.0	2.9
4	#5925.00	79.7 PK	88.2	-8.5	1.59 V	270	76.8	2.9
5	#5925.00	64.9 AV	68.2	-3.3	1.59 V	270	62.0	2.9
6	11750.00	53.6 PK	74.0	-20.4	1.99 V	309	42.0	11.6
7	11750.00	42.3 AV	54.0	-11.7	1.99 V	309	30.7	11.6
8	#17625.00	50.0 PK	88.2	-38.2	2.88 V	71	30.6	19.4
9	#17625.00	39.0 AV	68.2	-29.2	2.88 V	71	19.6	19.4

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.

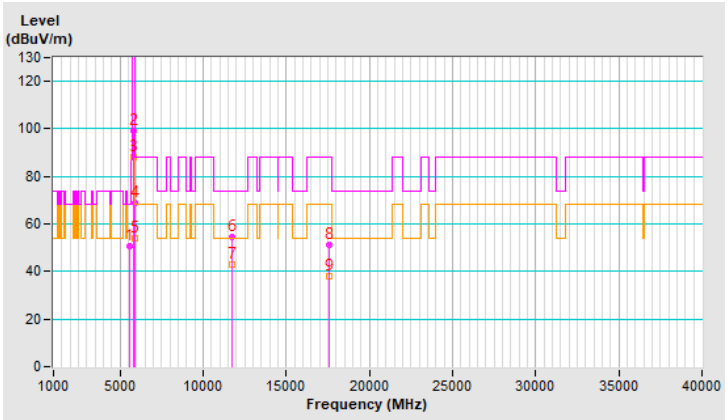


RF Mode	TX 802.11ax (HE80)	Channel	CH 171：5855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5555.38	50.9 PK	68.2	-17.3	2.73 H	199	48.7	2.2
2	*5855.00	99.1 PK			2.73 H	199	96.2	2.9
3	*5855.00	88.0 AV			2.73 H	199	85.1	2.9
4	#5925.00	69.0 PK	88.2	-19.2	2.73 H	199	66.1	2.9
5	#5925.00	54.1 AV	68.2	-14.1	2.73 H	199	51.2	2.9
6	11710.00	54.6 PK	74.0	-19.4	1.24 H	289	43.0	11.6
7	11710.00	42.7 AV	54.0	-11.3	1.24 H	289	31.1	11.6
8	#17565.00	51.1 PK	88.2	-37.1	1.51 H	282	32.1	19.0
9	#17565.00	37.9 AV	68.2	-30.3	1.51 H	282	18.9	19.0

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.

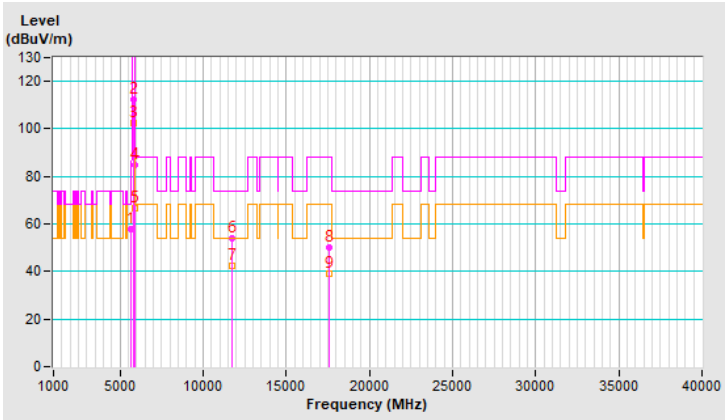


RF Mode	TX 802.11ax (HE80)	Channel	CH 171：5855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5642.51	57.7 PK	68.2	-10.5	1.61 V	271	55.4	2.3
2	*5855.00	112.4 PK			1.61 V	271	109.5	2.9
3	*5855.00	102.6 AV			1.61 V	271	99.7	2.9
4	#5925.00	84.7 PK	88.2	-3.5	1.61 V	271	81.8	2.9
5	#5925.00	66.5 AV	68.2	-1.7	1.61 V	271	63.6	2.9
6	11710.00	54.1 PK	74.0	-19.9	1.98 V	281	42.5	11.6
7	11710.00	42.6 AV	54.0	-11.4	1.98 V	281	31.0	11.6
8	#17565.00	50.1 PK	88.2	-38.1	2.87 V	59	31.1	19.0
9	#17565.00	38.9 AV	68.2	-29.3	2.87 V	59	19.9	19.0

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.

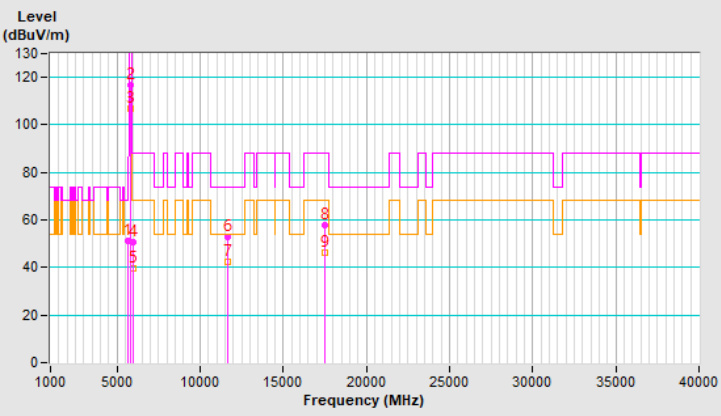


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5622.83	51.2 PK	68.2	-17.0	1.00 H	150	49.0	2.2
2	*5845.00	116.7 PK			1.00 H	150	113.9	2.8
3	*5845.00	107.0 AV			1.00 H	150	104.2	2.8
4	#5988.91	50.5 PK	88.2	-37.7	1.00 H	150	47.6	2.9
5	#5988.91	39.5 AV	68.2	-28.7	1.00 H	150	36.6	2.9
6	11690.00	52.7 PK	74.0	-21.3	2.09 H	325	41.0	11.7
7	11690.00	42.2 AV	54.0	-11.8	2.09 H	325	30.5	11.7
8	#17535.00	58.0 PK	88.2	-30.2	1.62 H	57	39.2	18.8
9	#17535.00	46.3 AV	68.2	-21.9	1.62 H	57	27.5	18.8

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.

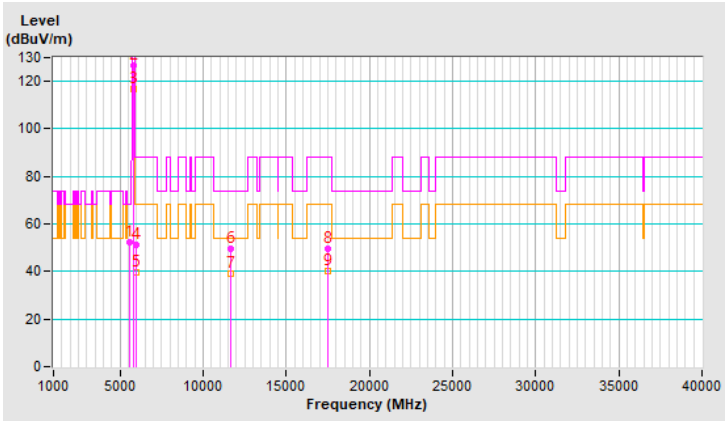


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5552.22	52.2 PK	68.2	-16.0	1.42 V	295	50.0	2.2
2	*5845.00	126.6 PK			1.42 V	295	123.8	2.8
3	*5845.00	116.8 AV			1.42 V	295	114.0	2.8
4	#5957.28	51.4 PK	88.2	-36.8	1.42 V	295	48.5	2.9
5	#5957.28	39.5 AV	68.2	-28.7	1.42 V	295	36.6	2.9
6	11690.00	49.8 PK	74.0	-24.2	2.00 V	306	38.1	11.7
7	11690.00	38.9 AV	54.0	-15.1	2.00 V	306	27.2	11.7
8	#17535.00	49.8 PK	88.2	-38.4	1.54 V	330	31.0	18.8
9	#17535.00	40.1 AV	68.2	-28.1	1.54 V	330	21.3	18.8

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.

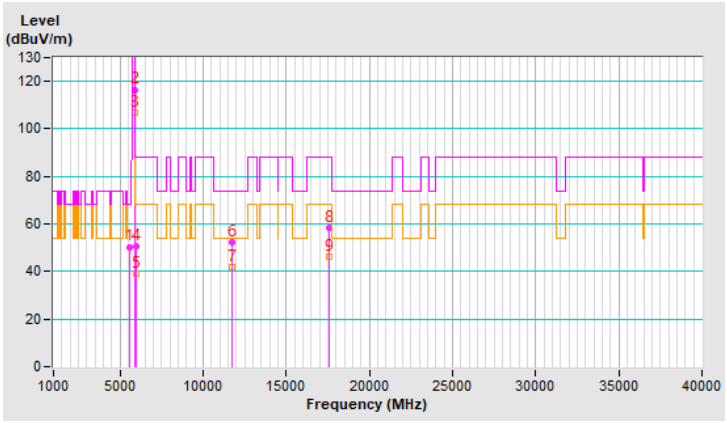


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5601.32	50.4 PK	68.2	-17.8	1.01 H	150	48.2	2.2
2	*5865.00	116.5 PK			1.01 H	150	113.6	2.9
3	*5865.00	106.9 AV			1.01 H	150	104.0	2.9
4	#5947.33	50.8 PK	88.2	-37.4	1.01 H	150	47.9	2.9
5	#5947.33	38.9 AV	68.2	-29.3	1.01 H	150	36.0	2.9
6	11730.00	52.5 PK	74.0	-21.5	2.15 H	324	41.0	11.5
7	11730.00	41.8 AV	54.0	-12.2	2.15 H	324	30.3	11.5
8	#17595.00	58.5 PK	88.2	-29.7	1.62 H	52	39.3	19.2
9	#17595.00	46.5 AV	68.2	-21.7	1.62 H	52	27.3	19.2

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.

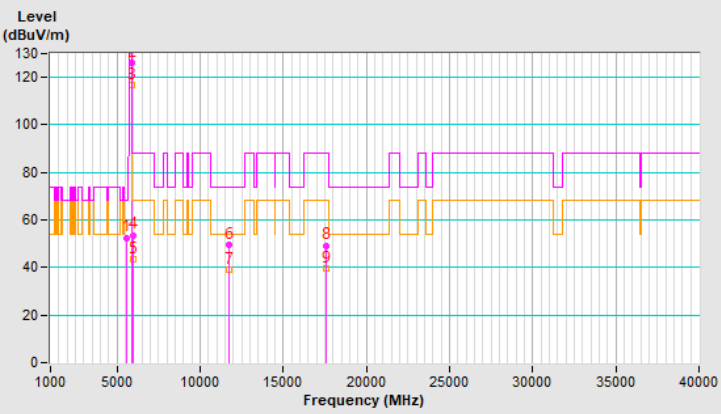


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5608.37	52.6 PK	68.2	-15.6	1.48 V	281	50.4	2.2
2	*5865.00	126.3 PK			1.48 V	281	123.4	2.9
3	*5865.00	116.6 AV			1.48 V	281	113.7	2.9
4	#5944.30	53.7 PK	88.2	-34.5	1.48 V	281	50.8	2.9
5	#5944.30	43.4 AV	68.2	-24.8	1.48 V	281	40.5	2.9
6	11730.00	49.7 PK	74.0	-24.3	2.05 V	321	38.2	11.5
7	11730.00	38.9 AV	54.0	-15.1	2.05 V	321	27.4	11.5
8	#17595.00	49.3 PK	88.2	-38.9	1.52 V	343	30.1	19.2
9	#17595.00	39.8 AV	68.2	-28.4	1.52 V	343	20.6	19.2

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.

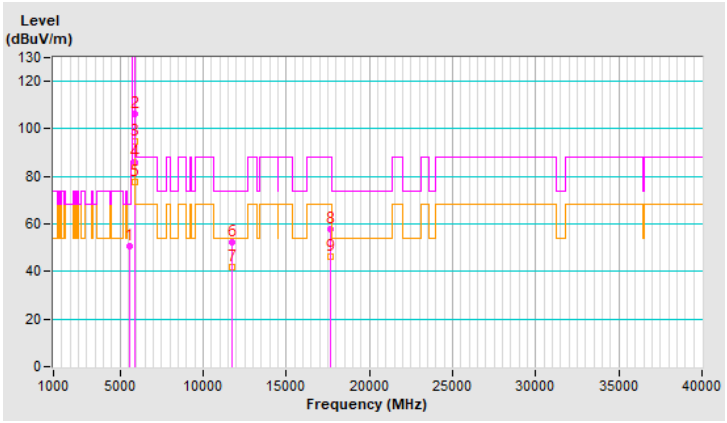


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5567.98	50.8 PK	68.2	-17.4	1.05 H	150	48.6	2.2
2	*5885.00	106.1 PK			1.05 H	150	103.2	2.9
3	*5885.00	94.8 AV			1.05 H	150	91.9	2.9
4	#5895.00	86.0 PK	110.2	-24.2	1.05 H	150	83.1	2.9
5	#5895.00	77.8 AV	90.2	-12.4	1.05 H	150	74.9	2.9
6	11770.00	52.4 PK	74.0	-21.6	2.11 H	335	40.9	11.5
7	11770.00	41.8 AV	54.0	-12.2	2.11 H	335	30.3	11.5
8	#17655.00	57.7 PK	88.2	-30.5	1.68 H	72	38.1	19.6
9	#17655.00	46.3 AV	68.2	-21.9	1.68 H	72	26.7	19.6

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.

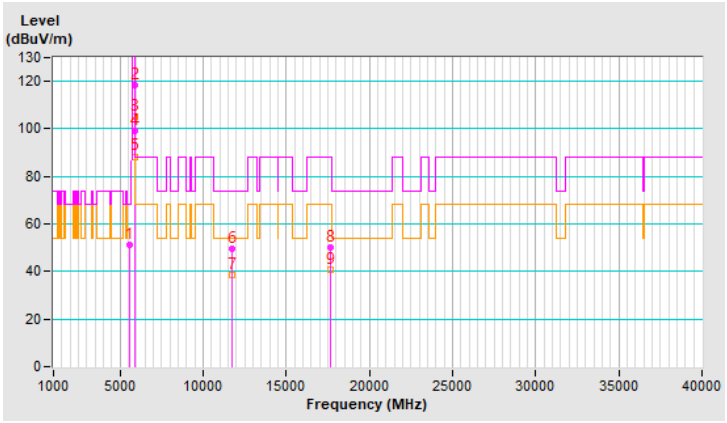


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5613.73	51.1 PK	68.2	-17.1	1.46 V	265	48.9	2.2
2	*5885.00	118.5 PK			1.46 V	265	115.6	2.9
3	*5885.00	105.4 AV			1.46 V	265	102.5	2.9
4	#5895.00	99.1 PK	110.2	-11.1	1.46 V	265	96.2	2.9
5	#5895.00	88.4 AV	90.2	-1.8	1.46 V	265	85.5	2.9
6	11770.00	49.7 PK	74.0	-24.3	2.05 V	307	38.2	11.5
7	11770.00	38.5 AV	54.0	-15.5	2.05 V	307	27.0	11.5
8	#17655.00	50.2 PK	88.2	-38.0	1.51 V	324	30.6	19.6
9	#17655.00	40.5 AV	68.2	-27.7	1.51 V	324	20.9	19.6

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.

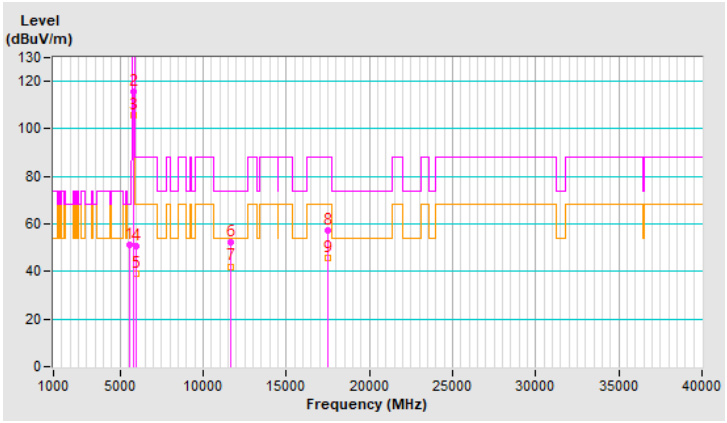


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5568.89	51.0 PK	68.2	-17.2	1.10 H	149	48.8	2.2
2	*5845.00	115.8 PK			1.10 H	149	113.0	2.8
3	*5845.00	105.9 AV			1.10 H	149	103.1	2.8
4	#5965.64	50.9 PK	88.2	-37.3	1.10 H	149	48.0	2.9
5	#5965.64	39.3 AV	68.2	-28.9	1.10 H	149	36.4	2.9
6	11690.00	52.4 PK	74.0	-21.6	2.09 H	311	40.7	11.7
7	11690.00	42.1 AV	54.0	-11.9	2.09 H	311	30.4	11.7
8	#17535.00	57.5 PK	88.2	-30.7	1.66 H	45	38.7	18.8
9	#17535.00	45.9 AV	68.2	-22.3	1.66 H	45	27.1	18.8

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.

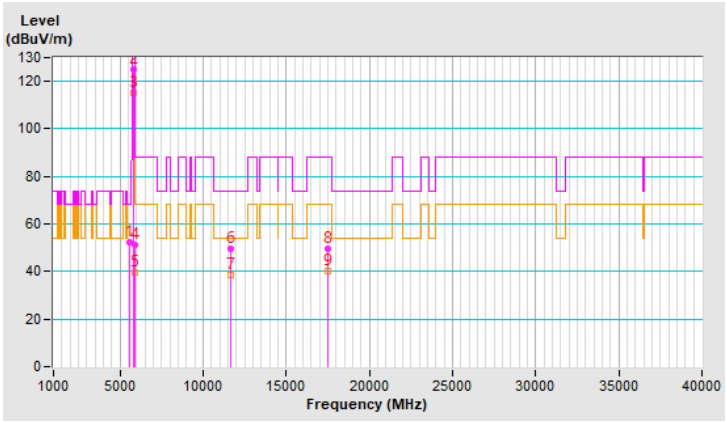


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5590.33	52.3 PK	68.2	-15.9	1.52 V	270	50.1	2.2
2	*5845.00	125.1 PK			1.52 V	270	122.3	2.8
3	*5845.00	115.2 AV			1.52 V	270	112.4	2.8
4	#5926.77	51.3 PK	88.2	-36.9	1.52 V	270	48.4	2.9
5	#5926.77	39.7 AV	68.2	-28.5	1.52 V	270	36.8	2.9
6	11690.00	49.5 PK	74.0	-24.5	1.99 V	297	37.8	11.7
7	11690.00	38.4 AV	54.0	-15.6	1.99 V	297	26.7	11.7
8	#17535.00	49.8 PK	88.2	-38.4	1.58 V	341	31.0	18.8
9	#17535.00	40.0 AV	68.2	-28.2	1.58 V	341	21.2	18.8

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.

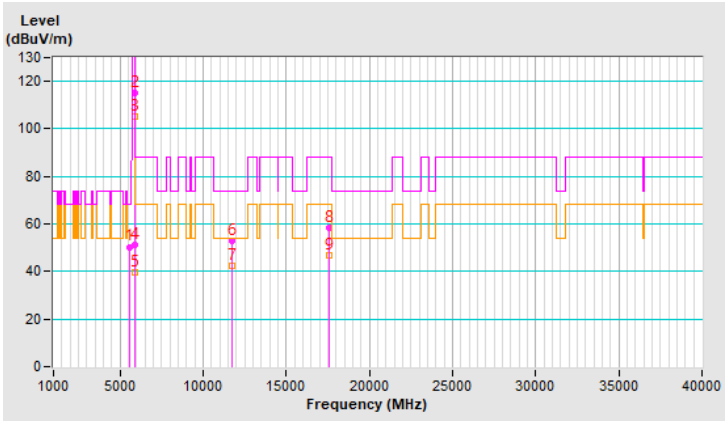


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5552.96	50.4 PK	68.2	-17.8	1.07 H	150	48.2	2.2
2	*5865.00	114.9 PK			1.07 H	150	112.0	2.9
3	*5865.00	105.1 AV			1.07 H	150	102.2	2.9
4	#5932.28	51.0 PK	88.2	-37.2	1.07 H	150	48.1	2.9
5	#5932.28	39.4 AV	68.2	-28.8	1.07 H	150	36.5	2.9
6	11730.00	52.7 PK	74.0	-21.3	2.05 H	330	41.2	11.5
7	11730.00	42.2 AV	54.0	-11.8	2.05 H	330	30.7	11.5
8	#17595.00	58.3 PK	88.2	-29.9	1.64 H	51	39.1	19.2
9	#17595.00	46.7 AV	68.2	-21.5	1.64 H	51	27.5	19.2

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.

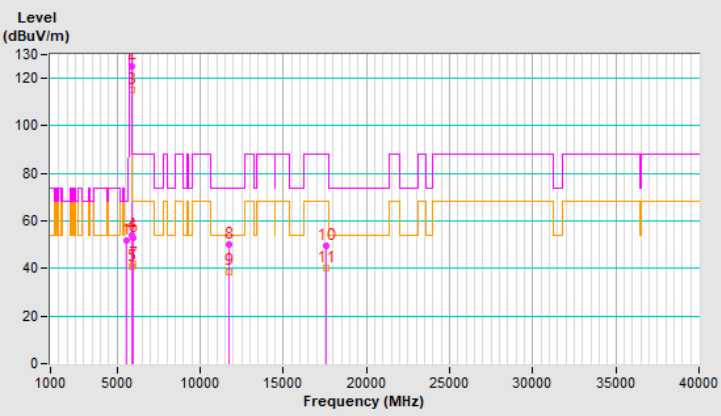


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	23°C, 68% RH
Tested By	Sampson Chen		

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	#5564.73	52.0 PK	68.2	-16.2	1.51 V	268	49.8	2.2
2	*5865.00	125.3 PK			1.51 V	268	122.4	2.9
3	*5865.00	115.3 AV			1.51 V	268	112.4	2.9
4	#5926.25	54.0 PK	88.2	-34.2	1.51 V	268	51.1	2.9
5	#5926.25	40.6 AV	68.2	-27.6	1.51 V	268	37.7	2.9
6	#5949.20	53.1 PK	88.2	-35.1	1.51 V	268	50.2	2.9
7	#5949.20	41.6 AV	68.2	-26.6	1.51 V	268	38.7	2.9
8	11730.00	49.9 PK	74.0	-24.1	2.04 V	300	38.4	11.5
9	11730.00	38.8 AV	54.0	-15.2	2.04 V	300	27.3	11.5
10	#17595.00	49.7 PK	88.2	-38.5	1.51 V	314	30.5	19.2
11	#17595.00	40.3 AV	68.2	-27.9	1.51 V	314	21.1	19.2

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.

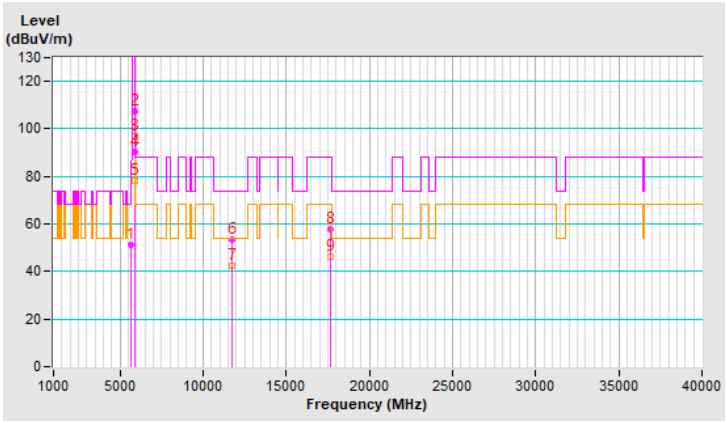


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5627.20	51.1 PK	68.2	-17.1	1.08 H	150	48.8	2.3
2	*5885.00	107.6 PK			1.08 H	150	104.7	2.9
3	*5885.00	96.8 AV			1.08 H	150	93.9	2.9
4	#5895.00	90.3 PK	110.2	-19.9	1.08 H	150	87.4	2.9
5	#5895.00	78.2 AV	90.2	-12.0	1.08 H	150	75.3	2.9
6	11770.00	53.2 PK	74.0	-20.8	2.13 H	316	41.7	11.5
7	11770.00	42.6 AV	54.0	-11.4	2.13 H	316	31.1	11.5
8	#17655.00	57.9 PK	88.2	-30.3	1.59 H	43	38.3	19.6
9	#17655.00	46.2 AV	68.2	-22.0	1.59 H	43	26.6	19.6

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.

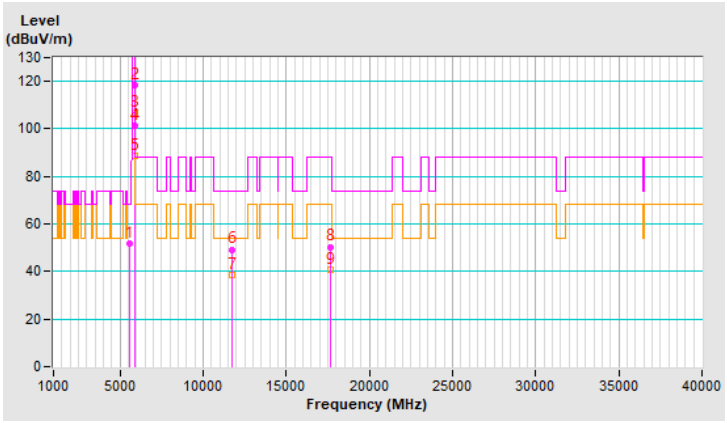


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5590.76	52.0 PK	68.2	-16.2	1.47 V	266	49.8	2.2
2	*5885.00	118.4 PK			1.47 V	266	115.5	2.9
3	*5885.00	107.0 AV			1.47 V	266	104.1	2.9
4	#5895.00	101.1 PK	110.2	-9.1	1.47 V	266	98.2	2.9
5	**#5895.00**	**88.7 AV**	**90.2**	**-1.5**	**1.47 V**	**266**	**85.8**	**2.9**
6	11770.00	49.3 PK	74.0	-24.7	2.04 V	292	37.8	11.5
7	11770.00	38.7 AV	54.0	-15.3	2.04 V	292	27.2	11.5
8	#17655.00	50.4 PK	88.2	-37.8	1.55 V	323	30.8	19.6
9	#17655.00	40.5 AV	68.2	-27.7	1.55 V	323	20.9	19.6

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.

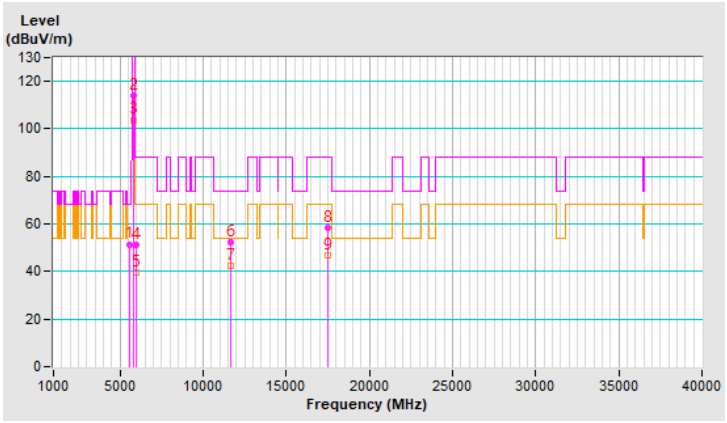


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5564.39	51.5 PK	68.2	-16.7	1.00 H	150	49.3	2.2
2	*5845.00	114.1 PK			1.00 H	150	111.3	2.8
3	*5845.00	103.8 AV			1.00 H	150	101.0	2.8
4	#5949.34	51.4 PK	88.2	-36.8	1.00 H	150	48.5	2.9
5	#5949.34	39.4 AV	68.2	-28.8	1.00 H	150	36.5	2.9
6	11690.00	52.5 PK	74.0	-21.5	2.08 H	338	40.8	11.7
7	11690.00	42.2 AV	54.0	-11.8	2.08 H	338	30.5	11.7
8	#17535.00	58.5 PK	88.2	-29.7	1.65 H	46	39.7	18.8
9	#17535.00	46.7 AV	68.2	-21.5	1.65 H	46	27.9	18.8

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.

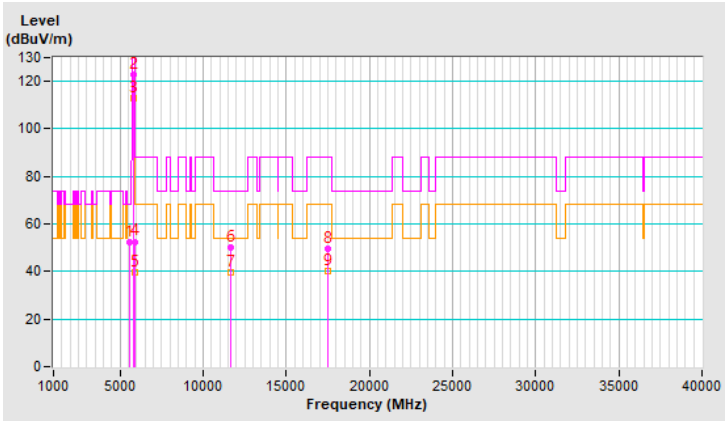


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5578.22	52.3 PK	68.2	-15.9	1.53 V	284	50.1	2.2
2	*5845.00	122.9 PK			1.53 V	284	120.1	2.8
3	*5845.00	112.8 AV			1.53 V	284	110.0	2.8
4	#5925.00	52.6 PK	88.2	-35.6	1.53 V	284	49.7	2.9
5	#5925.00	39.8 AV	68.2	-28.4	1.53 V	284	36.9	2.9
6	11690.00	50.0 PK	74.0	-24.0	1.99 V	304	38.3	11.7
7	11690.00	39.4 AV	54.0	-14.6	1.99 V	304	27.7	11.7
8	#17535.00	49.7 PK	88.2	-38.5	1.48 V	324	30.9	18.8
9	#17535.00	40.1 AV	68.2	-28.1	1.48 V	324	21.3	18.8

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.

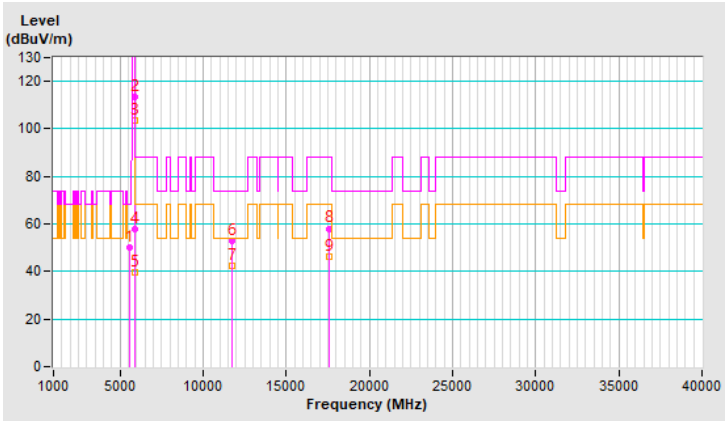


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	23°C, 68% RH
Tested By	Sampson Chen		

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	#5570.27	50.2 PK	68.2	-18.0	1.07 H	150	48.0	2.2
2	*5865.00	113.4 PK			1.07 H	150	110.5	2.9
3	*5865.00	103.7 AV			1.07 H	150	100.8	2.9
4	#5927.22	57.6 PK	88.2	-30.6	1.07 H	150	54.7	2.9
5	#5927.22	39.6 AV	68.2	-28.6	1.07 H	150	36.7	2.9
6	11730.00	52.8 PK	74.0	-21.2	2.08 H	326	41.3	11.5
7	11730.00	42.6 AV	54.0	-11.4	2.08 H	326	31.1	11.5
8	#17595.00	58.1 PK	88.2	-30.1	1.63 H	43	38.9	19.2
9	#17595.00	46.4 AV	68.2	-21.8	1.63 H	43	27.2	19.2

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.

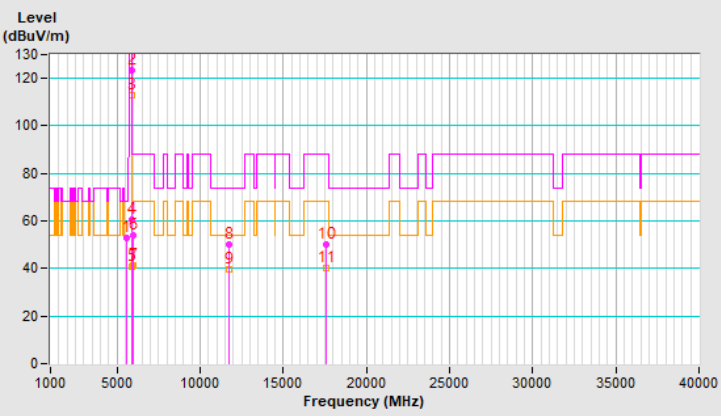


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5616.51	52.7 PK	68.2	-15.5	1.46 V	283	50.5	2.2
2	*5865.00	123.4 PK			1.46 V	283	120.5	2.9
3	*5865.00	113.1 AV			1.46 V	283	110.2	2.9
4	#5932.23	60.8 PK	88.2	-27.4	1.46 V	283	57.9	2.9
5	#5932.23	40.6 AV	68.2	-27.6	1.46 V	283	37.7	2.9
6	#5951.40	53.8 PK	88.2	-34.4	1.46 V	283	50.9	2.9
7	#5951.40	41.5 AV	68.2	-26.7	1.46 V	283	38.6	2.9
8	11730.00	50.0 PK	74.0	-24.0	1.98 V	303	38.5	11.5
9	11730.00	39.4 AV	54.0	-14.6	1.98 V	303	27.9	11.5
10	#17595.00	50.1 PK	88.2	-38.1	1.59 V	321	30.9	19.2
11	#17595.00	40.4 AV	68.2	-27.8	1.59 V	321	21.2	19.2

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.

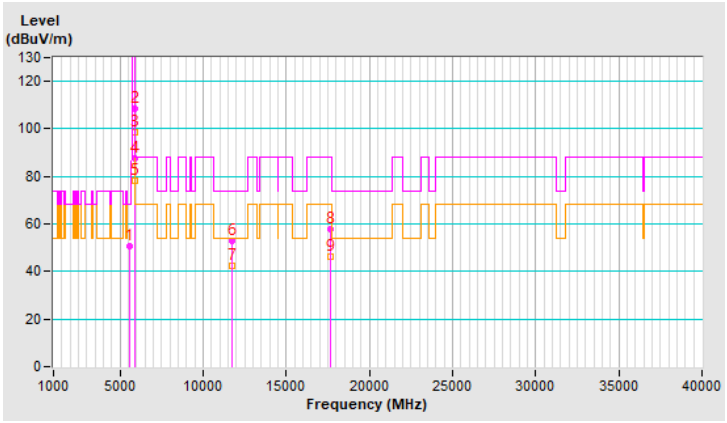


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5581.04	50.5 PK	68.2	-17.7	1.05 H	151	48.3	2.2
2	*5885.00	108.6 PK			1.05 H	151	105.7	2.9
3	*5885.00	98.5 AV			1.05 H	151	95.6	2.9
4	#5895.00	87.5 PK	110.2	-22.7	1.05 H	151	84.6	2.9
5	#5895.00	78.3 AV	90.2	-11.9	1.05 H	151	75.4	2.9
6	11770.00	52.9 PK	74.0	-21.1	2.10 H	315	41.4	11.5
7	11770.00	42.3 AV	54.0	-11.7	2.10 H	315	30.8	11.5
8	#17655.00	57.6 PK	88.2	-30.6	1.57 H	42	38.0	19.6
9	#17655.00	46.0 AV	68.2	-22.2	1.57 H	42	26.4	19.6

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.

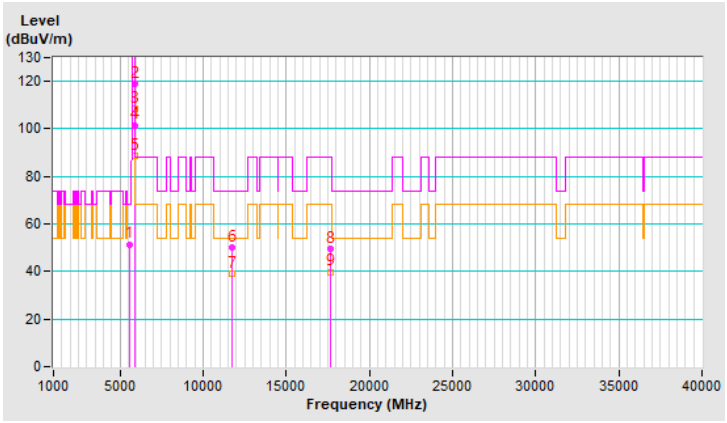


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5554.04	51.5 PK	68.2	-16.7	1.49 V	261	49.3	2.2
2	*5885.00	118.8 PK			1.49 V	261	115.9	2.9
3	*5885.00	108.3 AV			1.49 V	261	105.4	2.9
4	#5895.00	101.6 PK	110.2	-8.6	1.49 V	261	98.7	2.9
5	#5895.00	88.5 AV	90.2	-1.7	1.49 V	261	85.6	2.9
6	11770.00	50.0 PK	74.0	-24.0	2.02 V	312	38.5	11.5
7	11770.00	39.1 AV	54.0	-14.9	2.02 V	312	27.6	11.5
8	#17655.00	49.8 PK	88.2	-38.4	1.55 V	327	30.2	19.6
9	#17655.00	39.9 AV	68.2	-28.3	1.55 V	327	20.3	19.6

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.



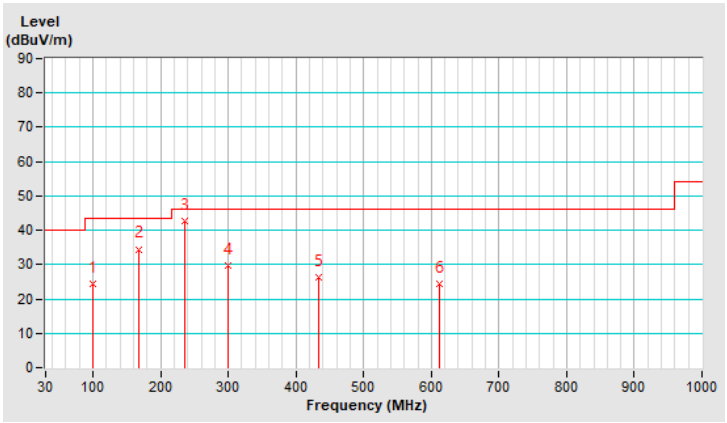
Below 1GHz Data:

RF Mode	TX 802.11ax (HE40)	Channel	CH 167：5835 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

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	100.53	24.4 QP	43.5	-19.1	3.00 H	108	41.6	-17.2
2	167.82	34.5 QP	43.5	-9.0	2.00 H	311	47.6	-13.1
3	235.20	42.6 QP	46.0	-3.4	1.50 H	98	57.4	-14.8
4	298.98	29.7 QP	46.0	-16.3	1.00 H	161	42.0	-12.3
5	434.24	26.2 QP	46.0	-19.8	3.00 H	79	34.8	-8.6
6	612.95	24.5 QP	46.0	-21.5	3.00 H	149	29.4	-4.9

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 of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

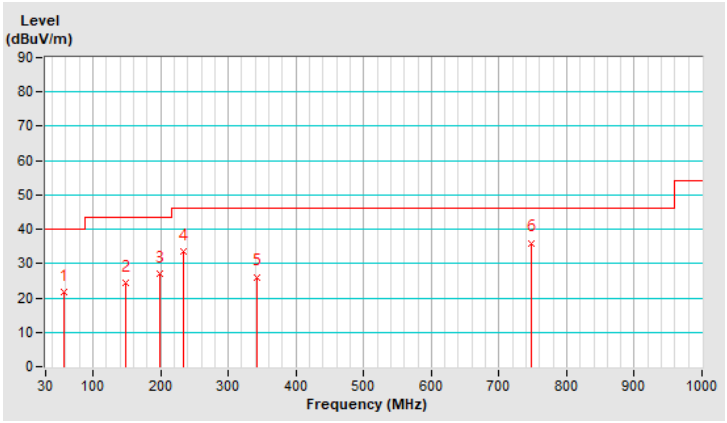


RF Mode	TX 802.11ax (HE40)	Channel	CH 167：5835 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

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	56.90	21.6 QP	40.0	-18.4	1.50 V	304	34.8	-13.2
2	147.50	24.4 QP	43.5	-19.1	1.00 V	117	37.1	-12.7
3	198.49	27.2 QP	43.5	-16.3	1.50 V	248	43.3	-16.1
4	233.22	33.4 QP	46.0	-12.6	2.00 V	39	48.4	-15.0
5	342.07	26.1 QP	46.0	-19.9	1.50 V	193	37.3	-11.2
6	747.69	36.0 QP	46.0	-10.0	3.00 V	295	38.8	-2.8

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 of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



PIFA Antenna

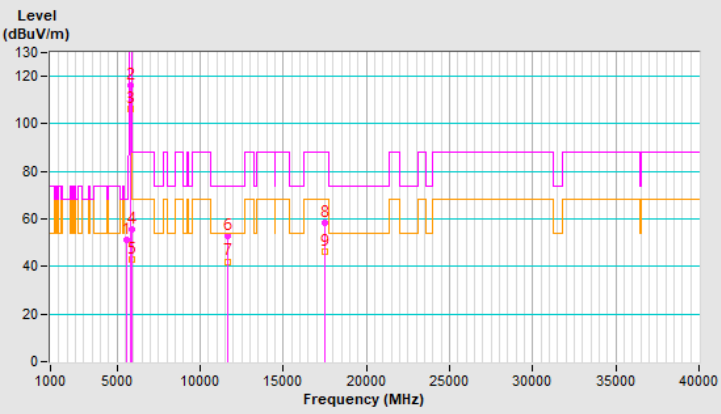
Above 1GHz Data:

RF Mode	TX 802.11a	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5583.61	51.2 PK	68.2	-17.0	1.26 H	315	49.0	2.2
2	*5845.00	116.3 PK			1.26 H	315	113.5	2.8
3	*5845.00	106.4 AV			1.26 H	315	103.6	2.8
4	#5925.00	55.5 PK	88.2	-32.7	1.26 H	315	52.6	2.9
5	#5925.00	43.0 AV	68.2	-25.2	1.26 H	315	40.1	2.9
6	11690.00	52.8 PK	74.0	-21.2	2.04 H	312	41.1	11.7
7	11690.00	42.1 AV	54.0	-11.9	2.04 H	312	30.4	11.7
8	#17535.00	58.4 PK	88.2	-29.8	1.59 H	63	39.6	18.8
9	#17535.00	46.5 AV	68.2	-21.7	1.59 H	63	27.7	18.8

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.

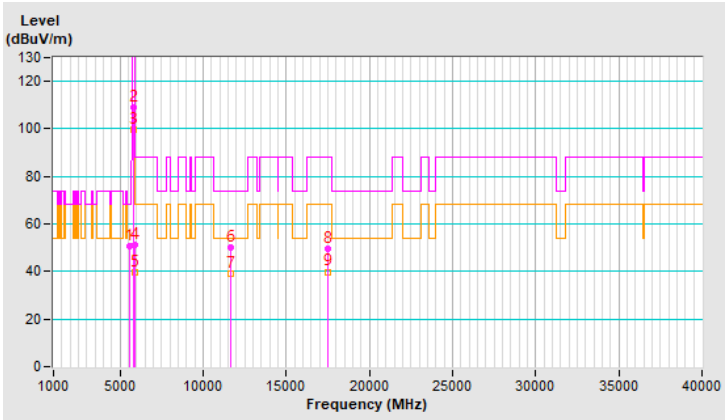


RF Mode	TX 802.11a	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5578.82	50.8 PK	68.2	-17.4	3.16 V	134	48.6	2.2
2	*5845.00	108.8 PK			3.16 V	134	106.0	2.8
3	*5845.00	99.7 AV			3.16 V	134	96.9	2.8
4	#5925.00	51.0 PK	88.2	-37.2	3.16 V	134	48.1	2.9
5	#5925.00	39.7 AV	68.2	-28.5	3.16 V	134	36.8	2.9
6	11690.00	50.0 PK	74.0	-24.0	2.01 V	317	38.3	11.7
7	11690.00	39.2 AV	54.0	-14.8	2.01 V	317	27.5	11.7
8	#17535.00	49.6 PK	88.2	-38.6	1.51 V	326	30.8	18.8
9	#17535.00	39.9 AV	68.2	-28.3	1.51 V	326	21.1	18.8

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.

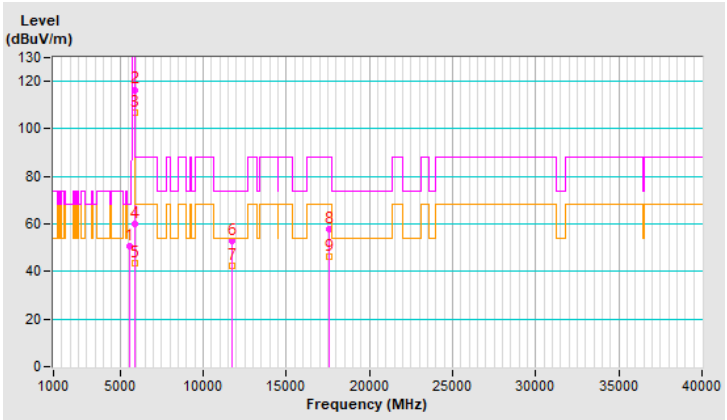


RF Mode	TX 802.11a	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5586.53	50.5 PK	68.2	-17.7	1.36 H	315	48.3	2.2
2	*5865.00	116.5 PK			1.36 H	315	113.6	2.9
3	*5865.00	106.8 AV			1.36 H	315	103.9	2.9
4	#5925.00	60.1 PK	88.2	-28.1	1.36 H	315	57.2	2.9
5	#5925.00	43.6 AV	68.2	-24.6	1.36 H	315	40.7	2.9
6	11730.00	52.7 PK	74.0	-21.3	2.05 H	312	41.2	11.5
7	11730.00	42.3 AV	54.0	-11.7	2.05 H	312	30.8	11.5
8	#17595.00	58.0 PK	88.2	-30.2	1.72 H	92	38.8	19.2
9	#17595.00	46.3 AV	68.2	-21.9	1.72 H	92	27.1	19.2

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.

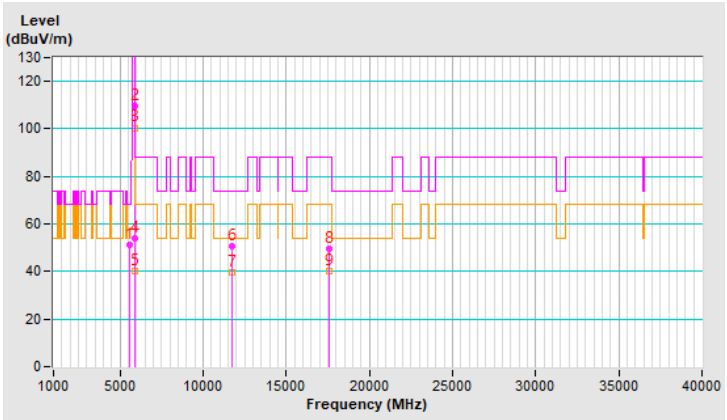


RF Mode	TX 802.11a	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5608.99	51.4 PK	68.2	-16.8	3.27 V	128	49.2	2.2
2	*5865.00	109.7 PK			3.27 V	128	106.8	2.9
3	*5865.00	100.5 AV			3.27 V	128	97.6	2.9
4	#5925.00	53.8 PK	88.2	-34.4	3.27 V	128	50.9	2.9
5	#5925.00	40.2 AV	68.2	-28.0	3.27 V	128	37.3	2.9
6	11730.00	50.5 PK	74.0	-23.5	1.97 V	321	39.0	11.5
7	11730.00	39.6 AV	54.0	-14.4	1.97 V	321	28.1	11.5
8	#17595.00	49.8 PK	88.2	-38.4	1.60 V	327	30.6	19.2
9	#17595.00	40.4 AV	68.2	-27.8	1.60 V	327	21.2	19.2

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.

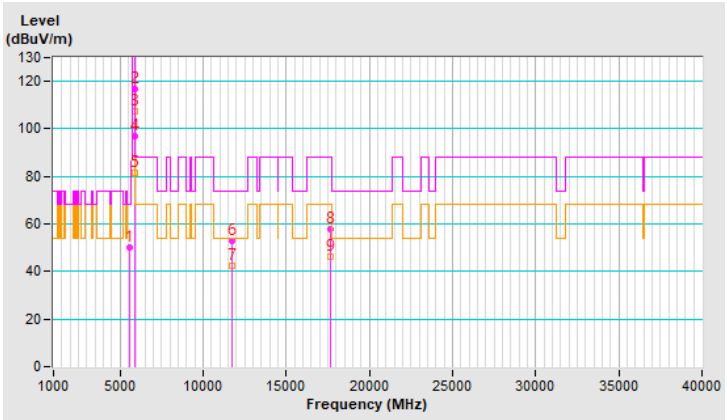


RF Mode	TX 802.11a	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5614.83	50.2 PK	68.2	-18.0	1.21 H	314	48.0	2.2
2	*5885.00	116.6 PK			1.21 H	314	113.7	2.9
3	*5885.00	107.2 AV			1.21 H	314	104.3	2.9
4	#5896.31	96.9 PK	109.2	-12.3	1.21 H	314	94.0	2.9
5	#5896.31	81.5 AV	89.2	-7.7	1.21 H	314	78.6	2.9
6	11770.00	52.7 PK	74.0	-21.3	2.02 H	306	41.2	11.5
7	11770.00	42.2 AV	54.0	-11.8	2.02 H	306	30.7	11.5
8	#17655.00	57.8 PK	88.2	-30.4	1.56 H	63	38.2	19.6
9	#17655.00	46.1 AV	68.2	-22.1	1.56 H	63	26.5	19.6

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.

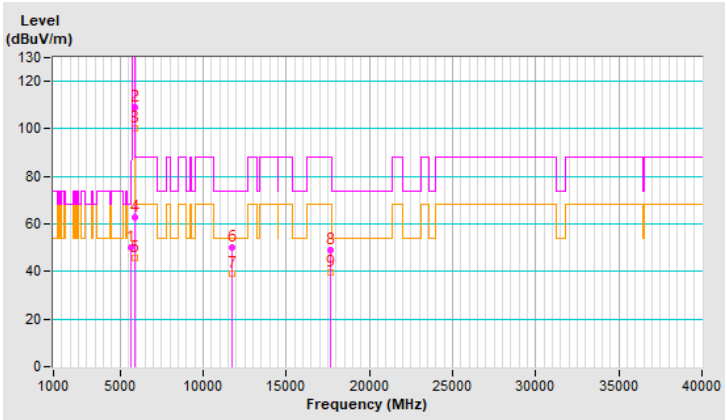


RF Mode	TX 802.11a	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5620.97	50.1 PK	68.2	-18.1	3.26 V	132	47.9	2.2
2	*5885.00	108.8 PK			3.26 V	132	105.9	2.9
3	*5885.00	100.0 AV			3.26 V	132	97.1	2.9
4	#5895.00	62.8 PK	110.2	-47.4	3.26 V	132	59.9	2.9
5	#5895.00	45.7 AV	90.2	-44.5	3.26 V	132	42.8	2.9
6	11770.00	50.0 PK	74.0	-24.0	1.96 V	318	38.5	11.5
7	11770.00	39.0 AV	54.0	-15.0	1.96 V	318	27.5	11.5
8	#17655.00	49.1 PK	88.2	-39.1	1.60 V	341	29.5	19.6
9	#17655.00	39.6 AV	68.2	-28.6	1.60 V	341	20.0	19.6

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.

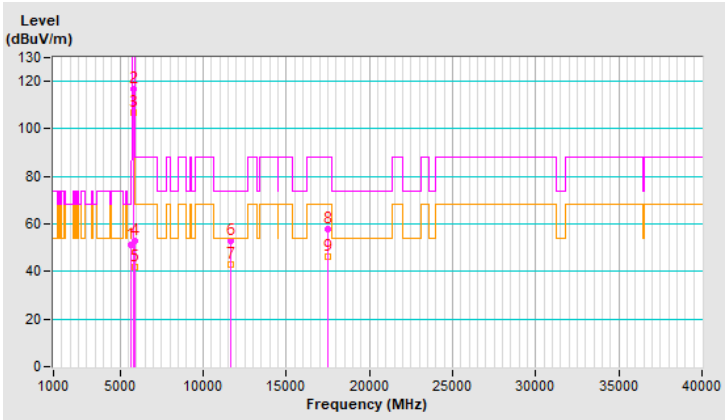


RF Mode	TX 802.11ax (HE20)	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5637.39	51.3 PK	68.2	-16.9	1.11 H	320	49.0	2.3
2	*5845.00	117.0 PK			1.11 H	320	114.2	2.8
3	*5845.00	106.6 AV			1.11 H	320	103.8	2.8
4	#5926.37	52.7 PK	88.2	-35.5	1.11 H	320	49.8	2.9
5	#5926.37	41.6 AV	68.2	-26.6	1.11 H	320	38.7	2.9
6	11690.00	53.1 PK	74.0	-20.9	2.03 H	321	41.4	11.7
7	11690.00	42.7 AV	54.0	-11.3	2.03 H	321	31.0	11.7
8	#17535.00	57.9 PK	88.2	-30.3	1.54 H	66	39.1	18.8
9	#17535.00	46.0 AV	68.2	-22.2	1.54 H	66	27.2	18.8

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.

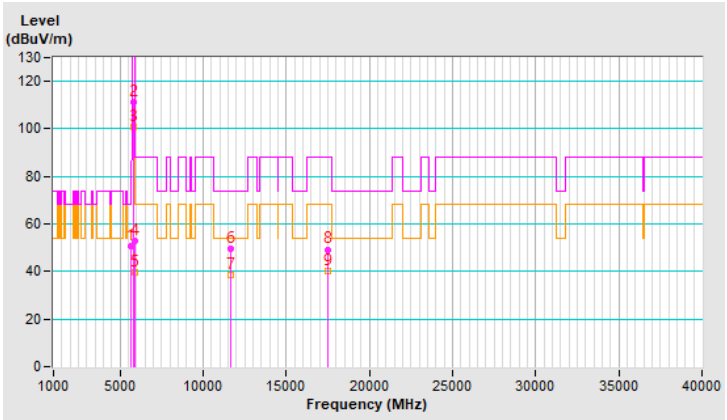


RF Mode	TX 802.11ax (HE20)	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5639.13	50.5 PK	68.2	-17.7	4.00 V	148	48.2	2.3
2	*5845.00	111.1 PK			4.00 V	148	108.3	2.8
3	*5845.00	100.7 AV			4.00 V	148	97.9	2.8
4	#5926.32	52.9 PK	88.2	-35.3	4.00 V	148	50.0	2.9
5	#5926.32	39.8 AV	68.2	-28.4	4.00 V	148	36.9	2.9
6	11690.00	49.7 PK	74.0	-24.3	2.00 V	332	38.0	11.7
7	11690.00	38.5 AV	54.0	-15.5	2.00 V	332	26.8	11.7
8	#17535.00	49.3 PK	88.2	-38.9	1.63 V	348	30.5	18.8
9	#17535.00	40.0 AV	68.2	-28.2	1.63 V	348	21.2	18.8

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.

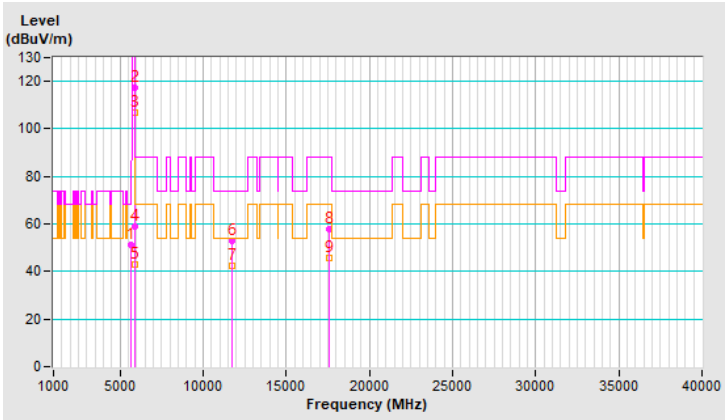


RF Mode	TX 802.11ax (HE20)	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5635.17	51.3 PK	68.2	-16.9	1.12 H	279	49.0	2.3
2	*5865.00	117.2 PK			1.12 H	279	114.3	2.9
3	*5865.00	106.7 AV			1.12 H	279	103.8	2.9
4	#5925.00	58.7 PK	88.2	-29.5	1.12 H	279	55.8	2.9
5	#5925.00	43.0 AV	68.2	-25.2	1.12 H	279	40.1	2.9
6	11730.00	52.9 PK	74.0	-21.1	2.02 H	312	41.4	11.5
7	11730.00	42.3 AV	54.0	-11.7	2.02 H	312	30.8	11.5
8	#17595.00	57.8 PK	88.2	-30.4	1.57 H	64	38.6	19.2
9	#17595.00	45.8 AV	68.2	-22.4	1.57 H	64	26.6	19.2

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.

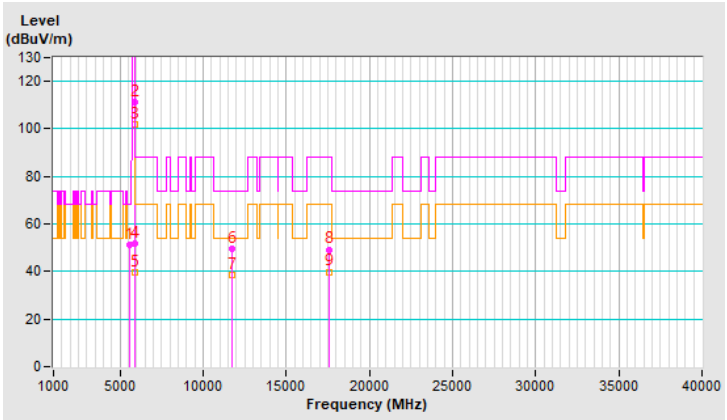


RF Mode	TX 802.11ax (HE20)	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5566.14	51.1 PK	68.2	-17.1	3.73 V	149	48.9	2.2
2	*5865.00	111.3 PK			3.73 V	149	108.4	2.9
3	*5865.00	101.9 AV			3.73 V	149	99.0	2.9
4	#5925.00	51.6 PK	88.2	-36.6	3.73 V	149	48.7	2.9
5	#5925.00	39.6 AV	68.2	-28.6	3.73 V	149	36.7	2.9
6	11730.00	49.8 PK	74.0	-24.2	1.92 V	309	38.3	11.5
7	11730.00	38.6 AV	54.0	-15.4	1.92 V	309	27.1	11.5
8	#17595.00	49.3 PK	88.2	-38.9	1.56 V	337	30.1	19.2
9	#17595.00	39.9 AV	68.2	-28.3	1.56 V	337	20.7	19.2

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.

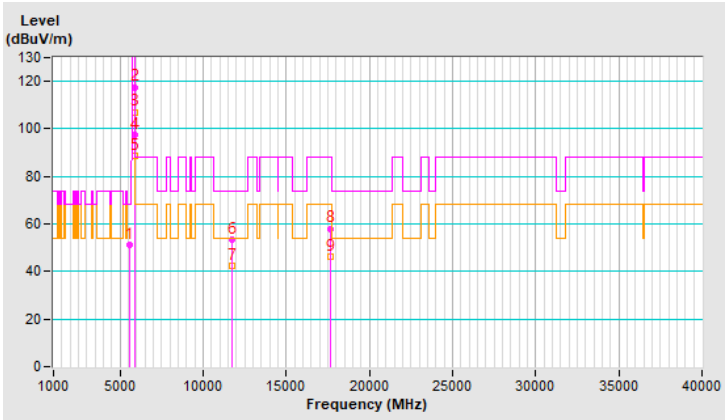


RF Mode	TX 802.11ax (HE20)	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5617.69	51.3 PK	68.2	-16.9	1.11 H	272	49.1	2.2
2	*5885.00	117.6 PK			1.11 H	272	114.7	2.9
3	*5885.00	107.1 AV			1.11 H	272	104.2	2.9
4	#5895.00	97.7 PK	110.2	-12.5	1.11 H	272	94.8	2.9
5	#5895.00	88.5 AV	90.2	-1.7	1.11 H	272	85.6	2.9
6	11770.00	53.2 PK	74.0	-20.8	2.04 H	306	41.7	11.5
7	11770.00	42.5 AV	54.0	-11.5	2.04 H	306	31.0	11.5
8	#17655.00	58.1 PK	88.2	-30.1	1.61 H	59	38.5	19.6
9	#17655.00	46.2 AV	68.2	-22.0	1.61 H	59	26.6	19.6

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.

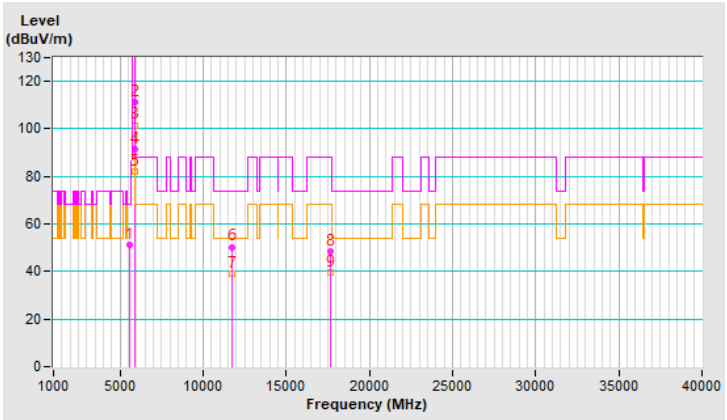


RF Mode	TX 802.11ax (HE20)	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5609.14	51.3 PK	68.2	-16.9	3.93 V	147	49.1	2.2
2	*5885.00	111.0 PK			3.93 V	147	108.1	2.9
3	*5885.00	101.6 AV			3.93 V	147	98.7	2.9
4	#5895.00	91.2 PK	110.2	-19.0	3.93 V	147	88.3	2.9
5	#5895.00	82.2 AV	90.2	-8.0	3.93 V	147	79.3	2.9
6	11770.00	50.4 PK	74.0	-23.6	1.90 V	329	38.9	11.5
7	11770.00	39.2 AV	54.0	-14.8	1.90 V	329	27.7	11.5
8	#17655.00	48.7 PK	88.2	-39.5	1.63 V	345	29.1	19.6
9	#17655.00	39.5 AV	68.2	-28.7	1.63 V	345	19.9	19.6

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.

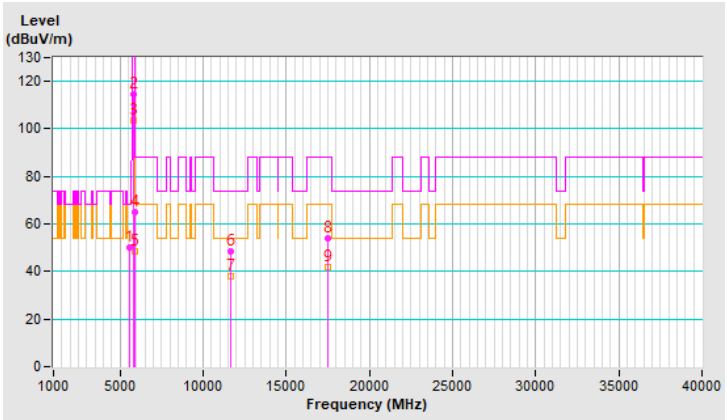


RF Mode	TX 802.11ax (HE40)	Channel	CH 167：5835 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5564.81	50.2 PK	68.2	-18.0	1.13 H	319	48.0	2.2
2	*5835.00	114.6 PK			1.13 H	319	111.8	2.8
3	*5835.00	103.4 AV			1.13 H	319	100.6	2.8
4	#5925.00	64.9 PK	88.2	-23.3	1.13 H	319	62.0	2.9
5	#5925.00	48.7 AV	68.2	-19.5	1.13 H	319	45.8	2.9
6	11670.00	48.7 PK	74.0	-25.3	1.99 H	309	36.9	11.8
7	11670.00	38.1 AV	54.0	-15.9	1.99 H	309	26.3	11.8
8	#17505.00	53.8 PK	88.2	-34.4	1.52 H	52	35.1	18.7
9	#17505.00	41.6 AV	68.2	-26.6	1.52 H	52	22.9	18.7

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.

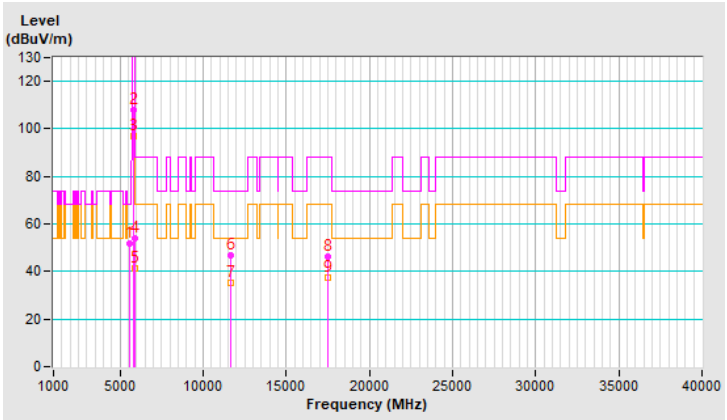


RF Mode	TX 802.11ax (HE40)	Channel	CH 167：5835 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5588.43	51.7 PK	68.2	-16.5	2.82 V	152	49.5	2.2
2	*5835.00	108.1 PK			2.82 V	152	105.3	2.8
3	*5835.00	96.8 AV			2.82 V	152	94.0	2.8
4	#5925.00	54.1 PK	88.2	-34.1	2.82 V	152	51.2	2.9
5	#5925.00	41.5 AV	68.2	-26.7	2.82 V	152	38.6	2.9
6	11670.00	46.6 PK	74.0	-27.4	1.90 V	308	34.8	11.8
7	11670.00	35.4 AV	54.0	-18.6	1.90 V	308	23.6	11.8
8	#17505.00	46.5 PK	88.2	-41.7	1.56 V	324	27.8	18.7
9	#17505.00	37.3 AV	68.2	-30.9	1.56 V	324	18.6	18.7

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.

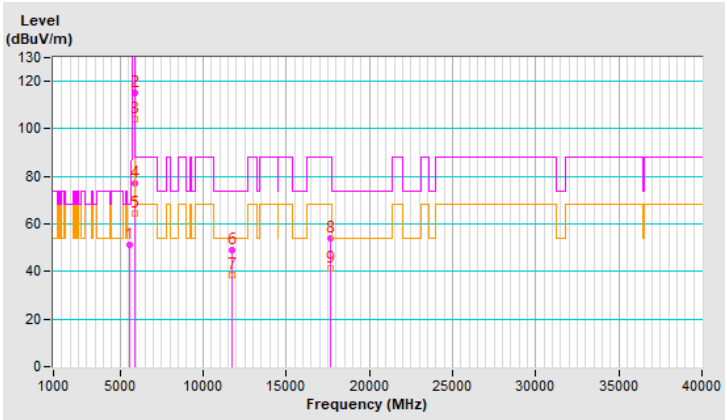


RF Mode	TX 802.11ax (HE40)	Channel	CH 175：5875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5574.57	51.4 PK	68.2	-16.8	1.03 H	272	49.2	2.2
2	*5875.00	115.2 PK			1.03 H	272	112.3	2.9
3	*5875.00	104.0 AV			1.03 H	272	101.1	2.9
4	#5925.00	77.3 PK	88.2	-10.9	1.03 H	272	74.4	2.9
5	#5925.00	64.4 AV	68.2	-3.8	1.03 H	272	61.5	2.9
6	11750.00	48.9 PK	74.0	-25.1	2.04 H	315	37.3	11.6
7	11750.00	38.3 AV	54.0	-15.7	2.04 H	315	26.7	11.6
8	#17625.00	53.9 PK	88.2	-34.3	1.49 H	36	34.5	19.4
9	#17625.00	41.5 AV	68.2	-26.7	1.49 H	36	22.1	19.4

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.

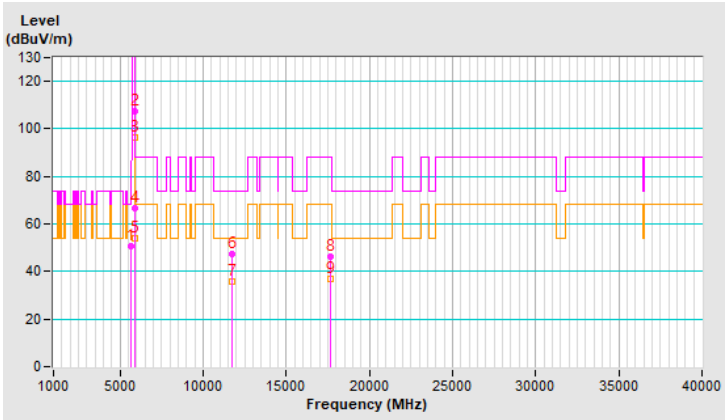


RF Mode	TX 802.11ax (HE40)	Channel	CH 175：5875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5625.92	50.8 PK	68.2	-17.4	3.08 V	125	48.5	2.3
2	*5875.00	107.6 PK			3.08 V	125	104.7	2.9
3	*5875.00	96.4 AV			3.08 V	125	93.5	2.9
4	#5925.00	66.8 PK	88.2	-21.4	3.08 V	125	63.9	2.9
5	#5925.00	54.0 AV	68.2	-14.2	3.08 V	125	51.1	2.9
6	11750.00	47.3 PK	74.0	-26.7	1.93 V	309	35.7	11.6
7	11750.00	35.8 AV	54.0	-18.2	1.93 V	309	24.2	11.6
8	#17625.00	46.4 PK	88.2	-41.8	1.57 V	332	27.0	19.4
9	#17625.00	37.1 AV	68.2	-31.1	1.57 V	332	17.7	19.4

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.

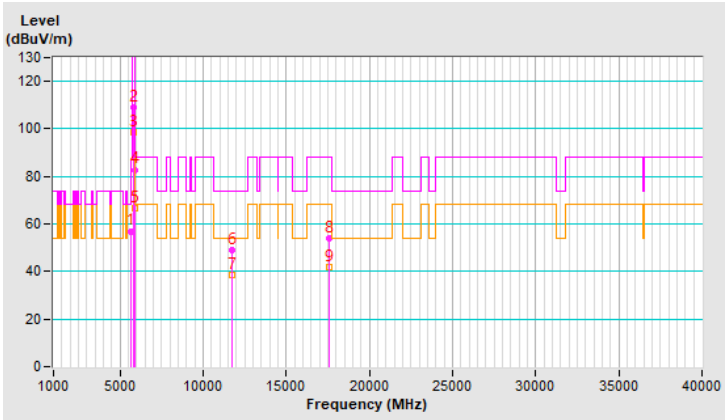


RF Mode	TX 802.11ax (HE80)	Channel	CH 171：5855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5644.38	57.0 PK	68.2	-11.2	1.02 H	271	54.7	2.3
2	*5855.00	109.0 PK			1.02 H	271	106.1	2.9
3	*5855.00	98.5 AV			1.02 H	271	95.6	2.9
4	#5931.56	82.9 PK	88.2	-5.3	1.02 H	271	80.0	2.9
5	**#5931.56**	**66.5 AV**	**68.2**	**-1.7**	**1.02 H**	**271**	**63.6**	**2.9**
6	11710.00	49.1 PK	74.0	-24.9	1.97 H	308	37.5	11.6
7	11710.00	38.6 AV	54.0	-15.4	1.97 H	308	27.0	11.6
8	#17565.00	54.0 PK	88.2	-34.2	1.54 H	56	35.0	19.0
9	#17565.00	41.8 AV	68.2	-26.4	1.54 H	56	22.8	19.0

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.

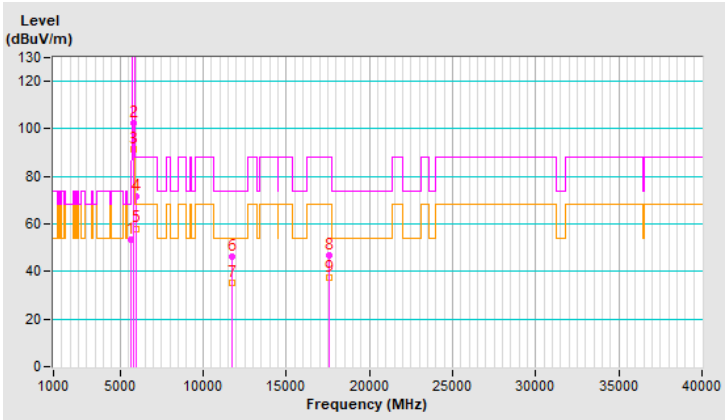


RF Mode	TX 802.11ax (HE80)	Channel	CH 171：5855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5620.31	53.6 PK	68.2	-14.6	3.14 V	133	51.4	2.2
2	*5855.00	102.4 PK			3.14 V	133	99.5	2.9
3	*5855.00	91.4 AV			3.14 V	133	88.5	2.9
4	#5938.59	71.7 PK	88.2	-16.5	3.14 V	133	68.8	2.9
5	#5938.59	58.1 AV	68.2	-10.1	3.14 V	133	55.2	2.9
6	11710.00	46.5 PK	74.0	-27.5	1.90 V	315	34.9	11.6
7	11710.00	35.4 AV	54.0	-18.6	1.90 V	315	23.8	11.6
8	#17565.00	46.7 PK	88.2	-41.5	1.60 V	338	27.7	19.0
9	#17565.00	37.6 AV	68.2	-30.6	1.60 V	338	18.6	19.0

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.

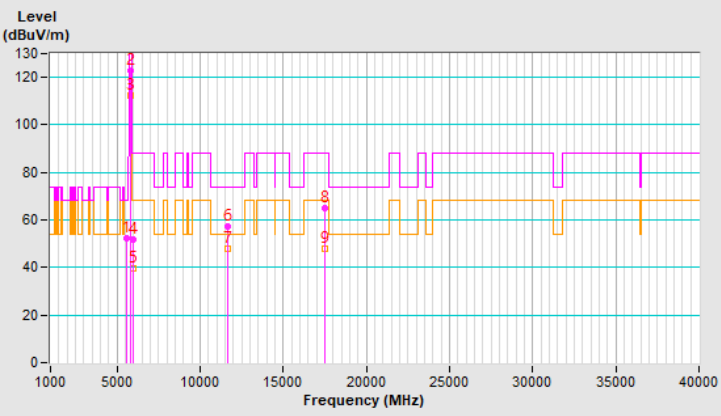


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5568.00	52.1 PK	68.2	-16.1	1.99 H	277	49.9	2.2
2	*5845.00	122.7 PK			1.99 H	277	119.9	2.8
3	*5845.00	112.2 AV			1.99 H	277	109.4	2.8
4	#5949.90	51.7 PK	88.2	-36.5	1.99 H	277	48.8	2.9
5	#5949.90	39.4 AV	68.2	-28.8	1.99 H	277	36.5	2.9
6	11690.00	57.1 PK	74.0	-16.9	1.49 H	278	45.4	11.7
7	11690.00	47.7 AV	54.0	-6.3	1.49 H	278	36.0	11.7
8	#17535.00	64.9 PK	88.2	-23.3	3.64 H	304	46.1	18.8
9	#17535.00	48.0 AV	68.2	-20.2	3.64 H	304	29.2	18.8

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.

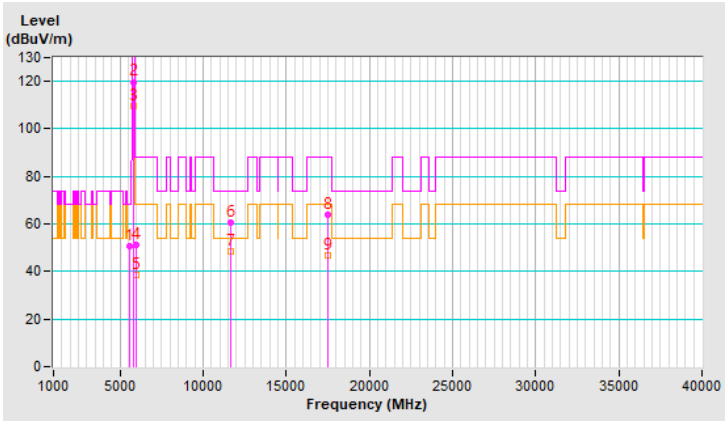


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5603.53	50.9 PK	68.2	-17.3	3.59 V	145	48.7	2.2
2	*5845.00	119.8 PK			3.59 V	145	117.0	2.8
3	*5845.00	109.5 AV			3.59 V	145	106.7	2.8
4	#5955.20	51.2 PK	88.2	-37.0	3.59 V	145	48.3	2.9
5	#5955.20	38.7 AV	68.2	-29.5	3.59 V	145	35.8	2.9
6	11690.00	60.5 PK	74.0	-13.5	3.49 V	311	48.8	11.7
7	11690.00	48.4 AV	54.0	-5.6	3.49 V	311	36.7	11.7
8	#17535.00	63.8 PK	88.2	-24.4	2.54 V	360	45.0	18.8
9	#17535.00	46.7 AV	68.2	-21.5	2.54 V	360	27.9	18.8

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.

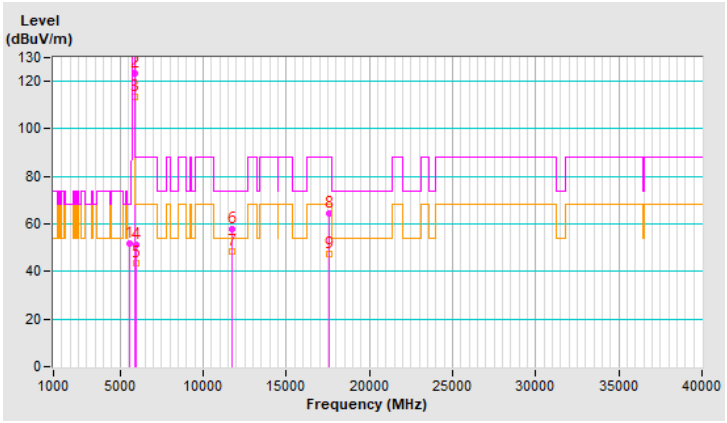


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5582.10	51.9 PK	68.2	-16.3	1.86 H	277	49.7	2.2
2	*5865.00	123.2 PK			1.86 H	277	120.3	2.9
3	*5865.00	113.7 AV			1.86 H	277	110.8	2.9
4	#5945.75	51.3 PK	88.2	-36.9	1.86 H	277	48.4	2.9
5	#5945.75	43.3 AV	68.2	-24.9	1.86 H	277	40.4	2.9
6	11730.00	57.6 PK	74.0	-16.4	1.57 H	285	46.1	11.5
7	11730.00	48.2 AV	54.0	-5.8	1.57 H	285	36.7	11.5
8	#17595.00	64.5 PK	88.2	-23.7	3.62 H	307	45.3	19.2
9	#17595.00	47.6 AV	68.2	-20.6	3.62 H	307	28.4	19.2

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.

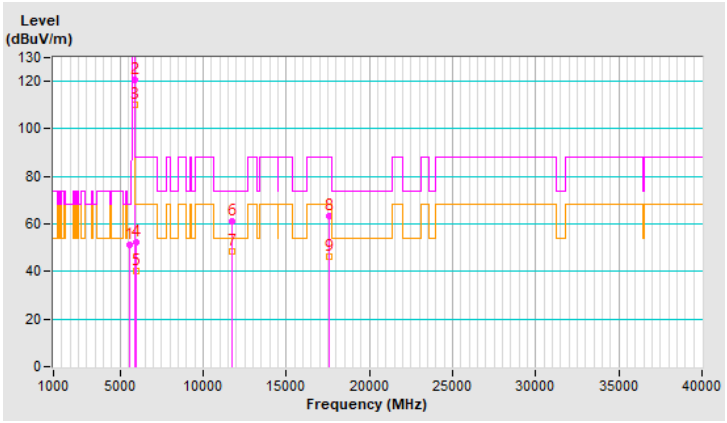


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5586.25	51.1 PK	68.2	-17.1	3.56 V	128	48.9	2.2
2	*5865.00	120.5 PK			3.56 V	128	117.6	2.9
3	*5865.00	109.9 AV			3.56 V	128	107.0	2.9
4	#5944.35	52.1 PK	88.2	-36.1	3.56 V	128	49.2	2.9
5	#5944.35	40.4 AV	68.2	-27.8	3.56 V	128	37.5	2.9
6	11730.00	60.9 PK	74.0	-13.1	3.53 V	311	49.4	11.5
7	11730.00	48.7 AV	54.0	-5.3	3.53 V	311	37.2	11.5
8	#17595.00	63.5 PK	88.2	-24.7	2.59 V	360	44.3	19.2
9	#17595.00	46.3 AV	68.2	-21.9	2.59 V	360	27.1	19.2

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.

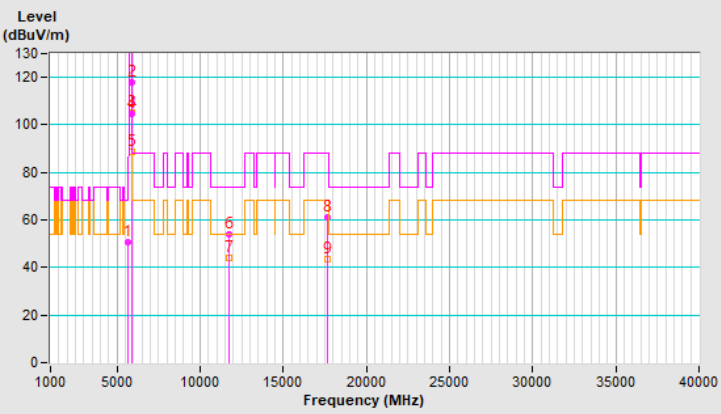


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	23°C, 68% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5631.07	50.9 PK	68.2	-17.3	2.02 H	275	48.6	2.3
2	*5885.00	117.9 PK			2.02 H	275	115.0	2.9
3	*5885.00	105.2 AV			2.02 H	275	102.3	2.9
4	#5895.00	104.4 PK	110.2	-5.8	2.02 H	275	101.5	2.9
5	#5895.00	88.6 AV	90.2	-1.6	2.02 H	275	85.7	2.9
6	11770.00	53.9 PK	74.0	-20.1	1.51 H	292	42.4	11.5
7	11770.00	44.2 AV	54.0	-9.8	1.51 H	292	32.7	11.5
8	#17655.00	61.0 PK	88.2	-27.2	3.66 H	305	41.4	19.6
9	#17655.00	43.4 AV	68.2	-24.8	3.66 H	305	23.8	19.6

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.

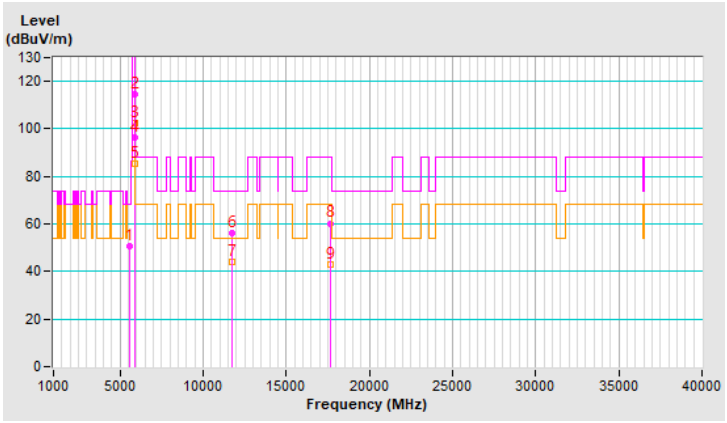


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5586.09	50.8 PK	68.2	-17.4	3.54 V	129	48.6	2.2
2	*5885.00	114.5 PK			3.54 V	129	111.6	2.9
3	*5885.00	102.2 AV			3.54 V	129	99.3	2.9
4	#5895.00	96.5 PK	110.2	-13.7	3.54 V	129	93.6	2.9
5	#5895.00	85.5 AV	90.2	-4.7	3.54 V	129	82.6	2.9
6	11770.00	56.3 PK	74.0	-17.7	3.52 V	302	44.8	11.5
7	11770.00	44.3 AV	54.0	-9.7	3.52 V	302	32.8	11.5
8	#17655.00	60.3 PK	88.2	-27.9	2.62 V	360	40.7	19.6
9	#17655.00	42.9 AV	68.2	-25.3	2.62 V	360	23.3	19.6

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.

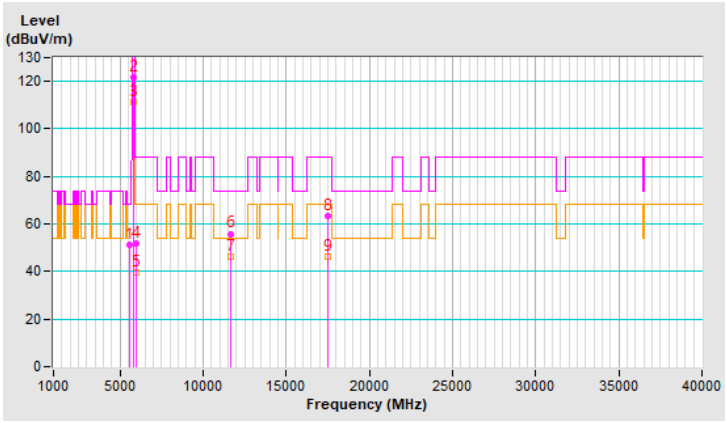


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5550.72	51.4 PK	68.2	-16.8	2.02 H	271	49.2	2.2
2	*5845.00	121.8 PK			2.02 H	271	119.0	2.8
3	*5845.00	111.0 AV			2.02 H	271	108.2	2.8
4	#5950.60	51.6 PK	88.2	-36.6	2.02 H	271	48.7	2.9
5	#5950.60	39.7 AV	68.2	-28.5	2.02 H	271	36.8	2.9
6	11690.00	55.9 PK	74.0	-18.1	1.13 H	313	44.2	11.7
7	11690.00	46.0 AV	54.0	-8.0	1.13 H	313	34.3	11.7
8	#17535.00	63.4 PK	88.2	-24.8	3.50 H	278	44.6	18.8
9	#17535.00	46.0 AV	68.2	-22.2	3.50 H	278	27.2	18.8

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.

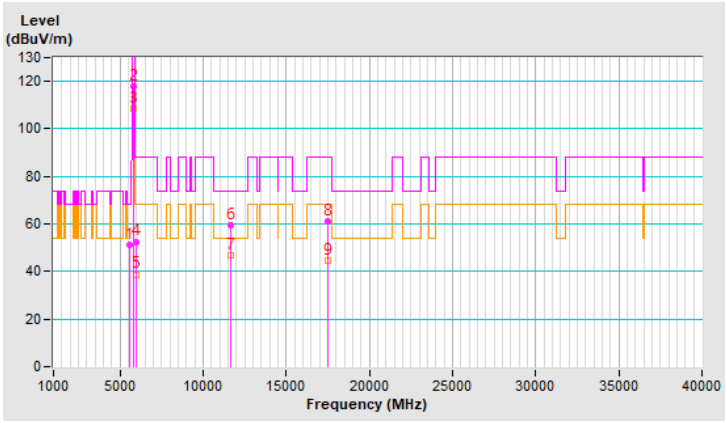


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5567.14	51.4 PK	68.2	-16.8	3.55 V	147	49.2	2.2
2	*5845.00	118.0 PK			3.55 V	147	115.2	2.8
3	*5845.00	108.5 AV			3.55 V	147	105.7	2.8
4	#5958.54	52.6 PK	88.2	-35.6	3.55 V	147	49.7	2.9
5	#5958.54	38.8 AV	68.2	-29.4	3.55 V	147	35.9	2.9
6	11690.00	59.3 PK	74.0	-14.7	3.31 V	296	47.6	11.7
7	11690.00	46.9 AV	54.0	-7.1	3.31 V	296	35.2	11.7
8	#17535.00	61.0 PK	88.2	-27.2	2.39 V	330	42.2	18.8
9	#17535.00	44.4 AV	68.2	-23.8	2.39 V	330	25.6	18.8

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.

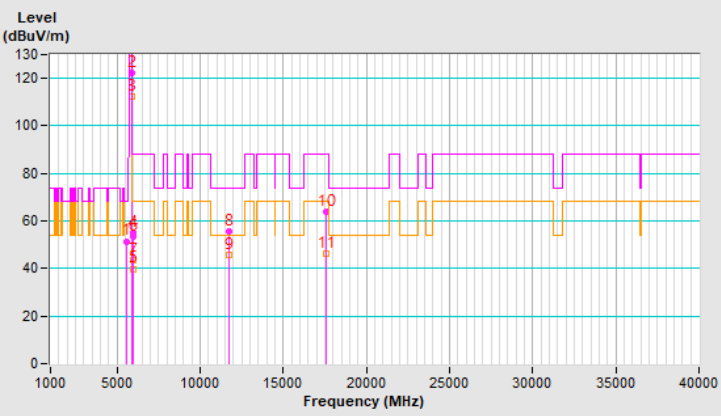


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5575.99	51.5 PK	68.2	-16.7	1.82 H	278	49.3	2.2
2	*5865.00	122.2 PK			1.82 H	278	119.3	2.9
3	*5865.00	112.5 AV			1.82 H	278	109.6	2.9
4	#5935.09	55.0 PK	88.2	-33.2	1.82 H	278	52.1	2.9
5	#5935.09	39.9 AV	68.2	-28.3	1.82 H	278	37.0	2.9
6	#5946.80	53.3 PK	88.2	-34.9	1.82 H	278	50.4	2.9
7	#5946.80	43.6 AV	68.2	-24.6	1.82 H	278	40.7	2.9
8	11730.00	55.8 PK	74.0	-18.2	1.18 H	295	44.3	11.5
9	11730.00	45.7 AV	54.0	-8.3	1.18 H	295	34.2	11.5
10	#17595.00	63.8 PK	88.2	-24.4	3.46 H	295	44.6	19.2
11	#17595.00	46.2 AV	68.2	-22.0	3.46 H	295	27.0	19.2

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.

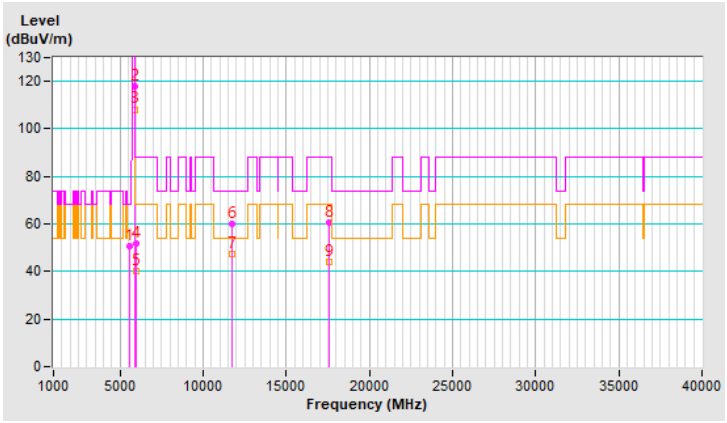


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5598.69	50.9 PK	68.2	-17.3	3.69 V	117	48.7	2.2
2	*5865.00	117.7 PK			3.69 V	117	114.8	2.9
3	*5865.00	108.2 AV			3.69 V	117	105.3	2.9
4	#5947.70	51.8 PK	88.2	-36.4	3.69 V	117	48.9	2.9
5	#5947.70	40.3 AV	68.2	-27.9	3.69 V	117	37.4	2.9
6	11730.00	60.0 PK	74.0	-14.0	3.33 V	300	48.5	11.5
7	11730.00	47.2 AV	54.0	-6.8	3.33 V	300	35.7	11.5
8	#17595.00	60.6 PK	88.2	-27.6	2.40 V	336	41.4	19.2
9	#17595.00	44.1 AV	68.2	-24.1	2.40 V	336	24.9	19.2

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.

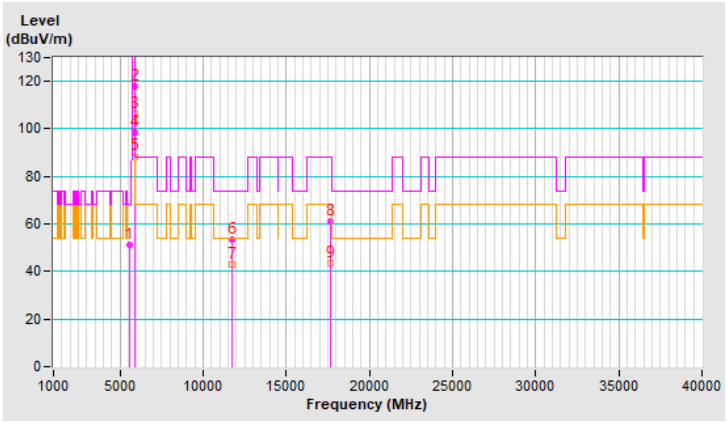


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5608.43	51.3 PK	68.2	-16.9	1.94 H	273	49.1	2.2
2	*5885.00	118.1 PK			1.94 H	273	115.2	2.9
3	*5885.00	106.5 AV			1.94 H	273	103.6	2.9
4	#5895.00	98.4 PK	110.2	-11.8	1.94 H	273	95.5	2.9
5	#5895.00	88.4 AV	90.2	-1.8	1.94 H	273	85.5	2.9
6	11770.00	53.5 PK	74.0	-20.5	1.15 H	305	42.0	11.5
7	11770.00	42.9 AV	54.0	-11.1	1.15 H	305	31.4	11.5
8	#17655.00	61.0 PK	88.2	-27.2	3.51 H	285	41.4	19.6
9	#17655.00	43.5 AV	68.2	-24.7	3.51 H	285	23.9	19.6

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.

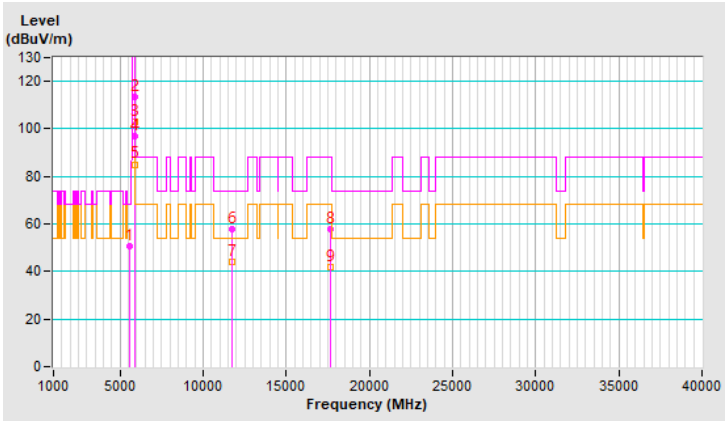


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5563.02	50.9 PK	68.2	-17.3	3.49 V	125	48.7	2.2
2	*5885.00	113.3 PK			3.49 V	125	110.4	2.9
3	*5885.00	103.2 AV			3.49 V	125	100.3	2.9
4	#5895.00	97.1 PK	110.2	-13.1	3.49 V	125	94.2	2.9
5	#5895.00	85.1 AV	90.2	-5.1	3.49 V	125	82.2	2.9
6	11770.00	57.6 PK	74.0	-16.4	3.28 V	287	46.1	11.5
7	11770.00	44.3 AV	54.0	-9.7	3.28 V	287	32.8	11.5
8	#17655.00	58.0 PK	88.2	-30.2	2.46 V	338	38.4	19.6
9	#17655.00	41.9 AV	68.2	-26.3	2.46 V	338	22.3	19.6

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.

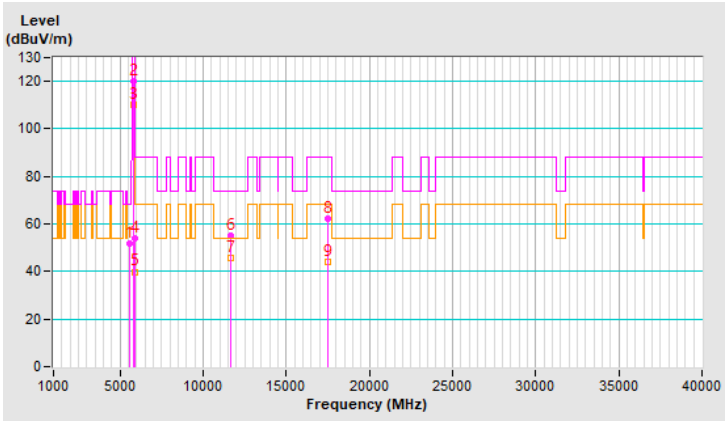


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5591.99	51.8 PK	68.2	-16.4	1.94 H	268	49.6	2.2
2	*5845.00	120.2 PK			1.94 H	268	117.4	2.8
3	*5845.00	110.2 AV			1.94 H	268	107.4	2.8
4	#5925.00	54.1 PK	88.2	-34.1	1.94 H	268	51.2	2.9
5	#5925.00	39.9 AV	68.2	-28.3	1.94 H	268	37.0	2.9
6	11690.00	55.3 PK	74.0	-18.7	1.06 H	279	43.6	11.7
7	11690.00	45.6 AV	54.0	-8.4	1.06 H	279	33.9	11.7
8	#17535.00	62.4 PK	88.2	-25.8	3.24 H	249	43.6	18.8
9	#17535.00	44.0 AV	68.2	-24.2	3.24 H	249	25.2	18.8

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.

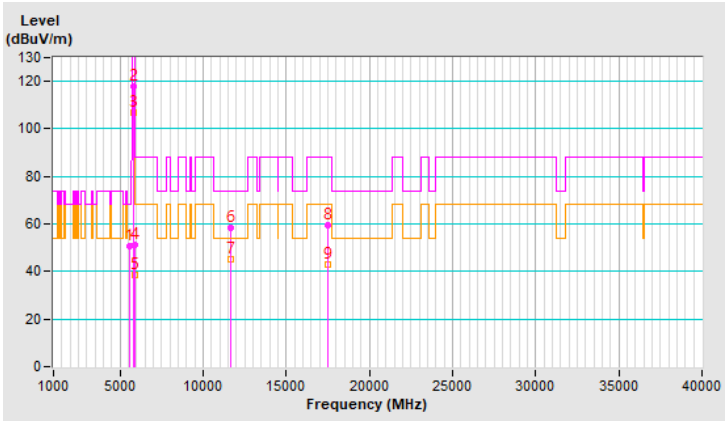


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5589.63	50.6 PK	68.2	-17.6	3.44 V	122	48.4	2.2
2	*5845.00	117.7 PK			3.44 V	122	114.9	2.8
3	*5845.00	106.8 AV			3.44 V	122	104.0	2.8
4	#5925.00	51.0 PK	88.2	-37.2	3.44 V	122	48.1	2.9
5	#5925.00	38.7 AV	68.2	-29.5	3.44 V	122	35.8	2.9
6	11690.00	58.3 PK	74.0	-15.7	3.20 V	237	46.6	11.7
7	11690.00	44.9 AV	54.0	-9.1	3.20 V	237	33.2	11.7
8	#17535.00	59.6 PK	88.2	-28.6	2.09 V	276	40.8	18.8
9	#17535.00	42.7 AV	68.2	-25.5	2.09 V	276	23.9	18.8

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.

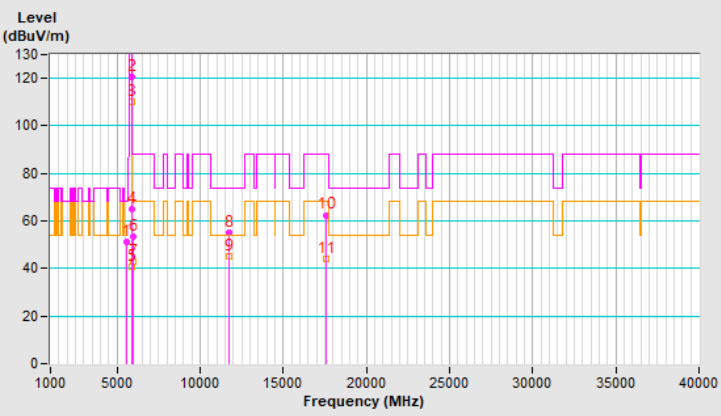


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	23°C, 68% RH
Tested By	Sampson Chen		

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	#5580.72	51.4 PK	68.2	-16.8	1.80 H	270	49.2	2.2
2	*5865.00	120.6 PK			1.80 H	270	117.7	2.9
3	*5865.00	110.3 AV			1.80 H	270	107.4	2.9
4	#5926.86	64.9 PK	88.2	-23.3	1.80 H	270	62.0	2.9
5	#5926.86	40.7 AV	68.2	-27.5	1.80 H	270	37.8	2.9
6	#5947.70	53.6 PK	88.2	-34.6	1.80 H	270	50.7	2.9
7	#5947.70	42.8 AV	68.2	-25.4	1.80 H	270	39.9	2.9
8	11730.00	54.9 PK	74.0	-19.1	1.03 H	278	43.4	11.5
9	11730.00	45.0 AV	54.0	-9.0	1.03 H	278	33.5	11.5
10	#17595.00	62.5 PK	88.2	-25.7	3.22 H	276	43.3	19.2
11	#17595.00	44.2 AV	68.2	-24.0	3.22 H	276	25.0	19.2

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.

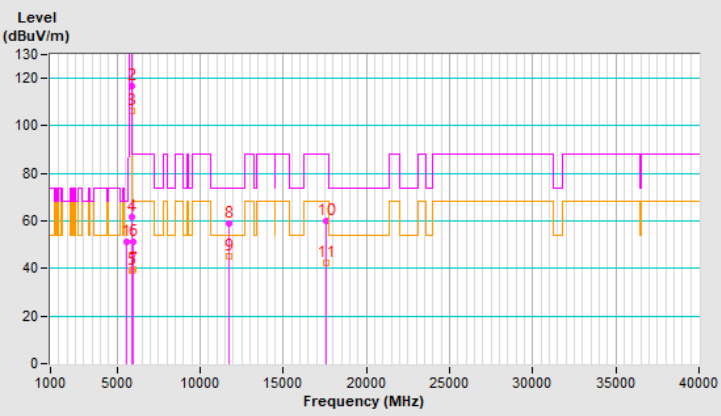


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	23°C, 68% RH
Tested By	Sampson Chen		

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	#5599.93	51.1 PK	68.2	-17.1	3.61 V	111	48.9	2.2
2	*5865.00	117.0 PK			3.61 V	111	114.1	2.9
3	*5865.00	106.2 AV			3.61 V	111	103.3	2.9
4	#5925.00	61.9 PK	88.2	-26.3	3.61 V	111	59.0	2.9
5	#5925.00	39.2 AV	68.2	-29.0	3.61 V	111	36.3	2.9
6	#5947.70	51.3 PK	88.2	-36.9	3.61 V	111	48.4	2.9
7	#5947.70	39.8 AV	68.2	-28.4	3.61 V	111	36.9	2.9
8	11730.00	58.8 PK	74.0	-15.2	3.12 V	241	47.3	11.5
9	11730.00	44.9 AV	54.0	-9.1	3.12 V	241	33.4	11.5
10	#17595.00	59.8 PK	88.2	-28.4	2.11 V	299	40.6	19.2
11	#17595.00	42.6 AV	68.2	-25.6	2.11 V	299	23.4	19.2

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.

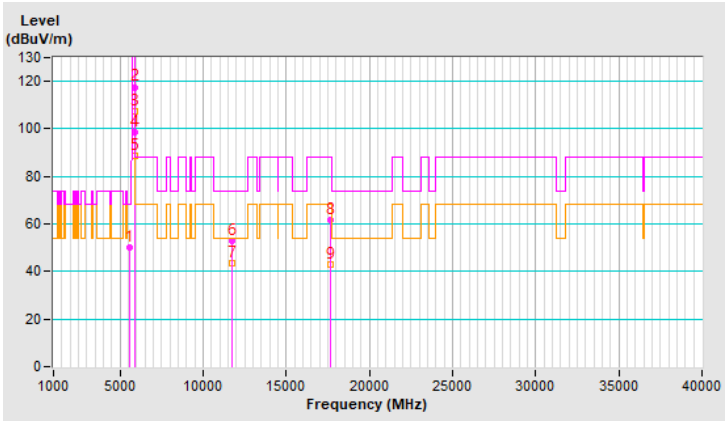


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	23°C, 68% RH
Tested By	Sampson Chen		

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	#5609.78	50.2 PK	68.2	-18.0	1.91 H	280	48.0	2.2
2	*5885.00	117.6 PK			1.91 H	280	114.7	2.9
3	*5885.00	107.5 AV			1.91 H	280	104.6	2.9
4	#5895.00	98.6 PK	110.2	-11.6	1.91 H	280	95.7	2.9
5	**#5895.00**	**88.7 AV**	**90.2**	**-1.5**	**1.91 H**	**280**	**85.8**	**2.9**
6	11770.00	52.9 PK	74.0	-21.1	1.01 H	263	41.4	11.5
7	11770.00	43.4 AV	54.0	-10.6	1.01 H	263	31.9	11.5
8	#17655.00	61.4 PK	88.2	-26.8	3.23 H	289	41.8	19.6
9	#17655.00	43.1 AV	68.2	-25.1	3.23 H	289	23.5	19.6

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.

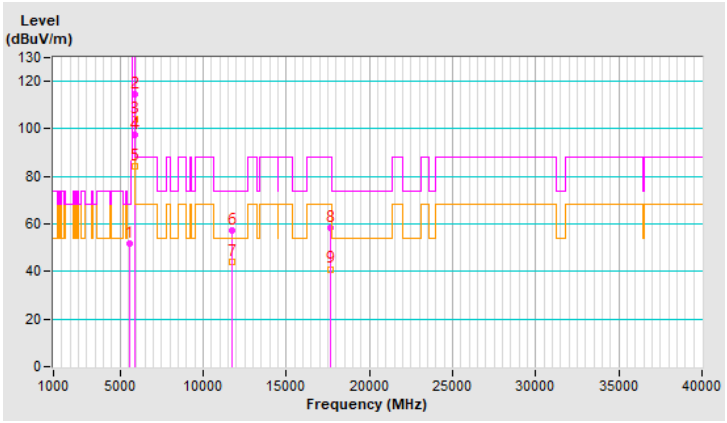


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5591.53	51.9 PK	68.2	-16.3	3.43 V	133	49.7	2.2
2	*5885.00	114.5 PK			3.43 V	133	111.6	2.9
3	*5885.00	104.0 AV			3.43 V	133	101.1	2.9
4	#5895.00	97.3 PK	110.2	-12.9	3.43 V	133	94.4	2.9
5	#5895.00	84.5 AV	90.2	-5.7	3.43 V	133	81.6	2.9
6	11770.00	57.4 PK	74.0	-16.6	3.07 V	233	45.9	11.5
7	11770.00	43.8 AV	54.0	-10.2	3.07 V	233	32.3	11.5
8	#17655.00	58.4 PK	88.2	-29.8	2.13 V	294	38.8	19.6
9	#17655.00	41.0 AV	68.2	-27.2	2.13 V	294	21.4	19.6

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.



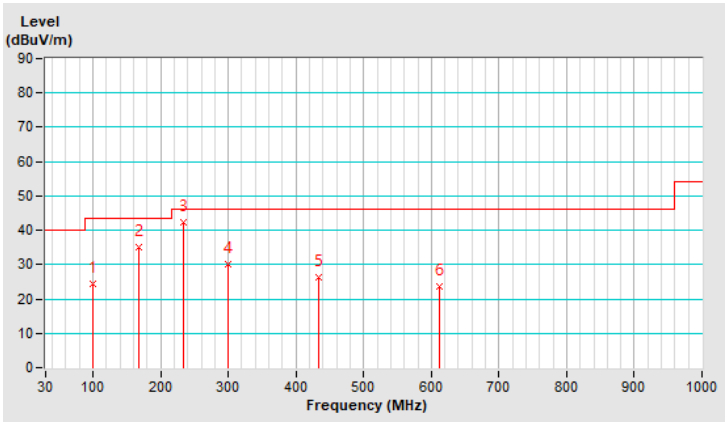
Below 1GHz Data:

RF Mode	TX 802.11ax (HE40)	Channel	CH 167：5835 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

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	100.22	24.3 QP	43.5	-19.2	3.00 H	99	41.6	-17.3
2	168.13	35.0 QP	43.5	-8.5	2.00 H	325	48.1	-13.1
3	234.48	42.2 QP	46.0	-3.8	1.50 H	121	57.1	-14.9
4	299.93	30.0 QP	46.0	-16.0	1.00 H	146	42.3	-12.3
5	434.33	26.3 QP	46.0	-19.7	3.00 H	74	34.9	-8.6
6	612.13	23.7 QP	46.0	-22.3	3.00 H	147	28.6	-4.9

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 of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

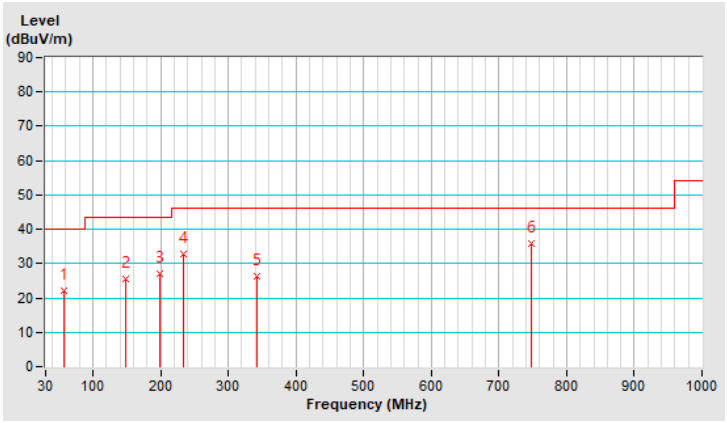


RF Mode	TX 802.11ax (HE40)	Channel	CH 167：5835 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

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	57.62	22.0 QP	40.0	-18.0	1.50 V	320	35.2	-13.2
2	148.61	25.6 QP	43.5	-17.9	1.00 V	100	38.3	-12.7
3	198.10	27.0 QP	43.5	-16.5	1.50 V	226	43.1	-16.1
4	232.89	32.8 QP	46.0	-13.2	2.00 V	62	47.9	-15.1
5	342.20	26.2 QP	46.0	-19.8	1.50 V	186	37.4	-11.2
6	747.45	35.9 QP	46.0	-10.1	3.00 V	284	38.7	-2.8

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 of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



4.1.7 Test Results (Mode 2)

Dipole Antenna

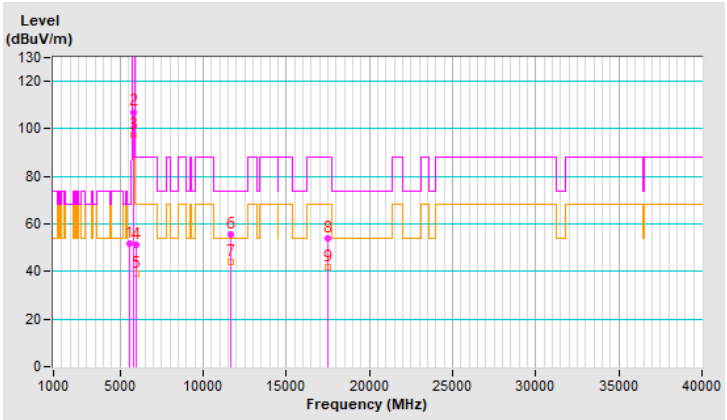
Above 1GHz Data:

RF Mode	TX 802.11a	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5577.27	51.6 PK	68.2	-16.6	2.91 H	110	49.4	2.2
2	*5845.00	107.1 PK			2.91 H	110	104.3	2.8
3	*5845.00	97.6 AV			2.91 H	110	94.8	2.8
4	#6008.01	51.3 PK	88.2	-36.9	2.91 H	110	48.4	2.9
5	#6008.01	38.9 AV	68.2	-29.3	2.91 H	110	36.0	2.9
6	11690.00	55.8 PK	74.0	-18.2	1.14 H	274	44.1	11.7
7	11690.00	43.9 AV	54.0	-10.1	1.14 H	274	32.2	11.7
8	#17535.00	54.1 PK	88.2	-34.1	1.37 H	330	35.3	18.8
9	#17535.00	41.7 AV	68.2	-26.5	1.37 H	330	22.9	18.8

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.

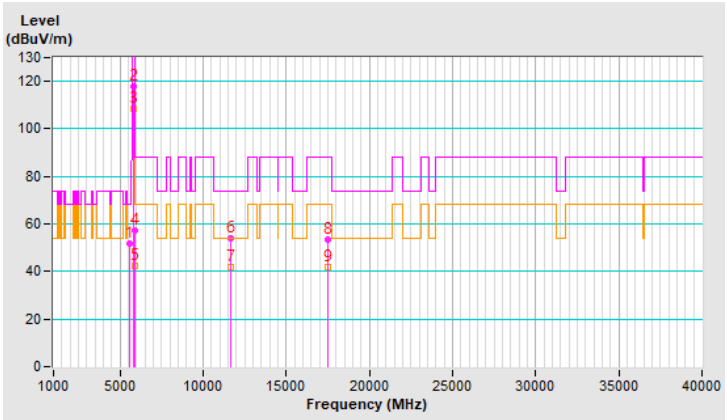


RF Mode	TX 802.11a	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	51.7 PK	68.2	-16.5	2.98 V	92	49.5	2.2
2	*5845.00	117.9 PK			2.98 V	92	115.1	2.8
3	*5845.00	108.5 AV			2.98 V	92	105.7	2.8
4	#5925.00	57.2 PK	88.2	-31.0	2.98 V	92	54.3	2.9
5	#5925.00	42.6 AV	68.2	-25.6	2.98 V	92	39.7	2.9
6	11690.00	54.0 PK	74.0	-20.0	1.48 V	309	42.3	11.7
7	11690.00	41.8 AV	54.0	-12.2	1.48 V	309	30.1	11.7
8	#17535.00	53.2 PK	88.2	-35.0	3.94 V	23	34.4	18.8
9	#17535.00	41.8 AV	68.2	-26.4	3.94 V	23	23.0	18.8

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.

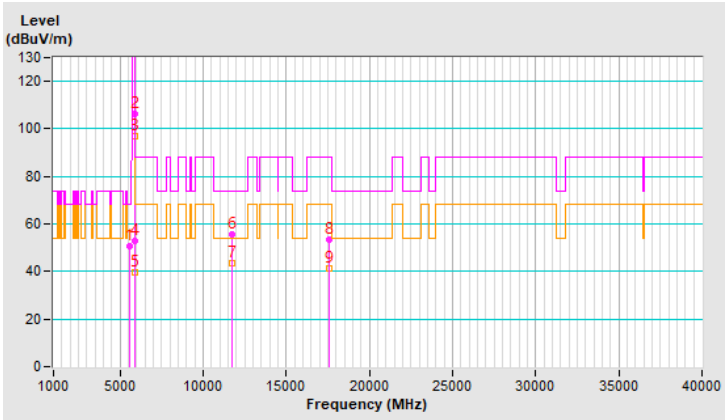


RF Mode	TX 802.11a	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5582.63	50.9 PK	68.2	-17.3	2.86 H	110	48.7	2.2
2	*5865.00	106.5 PK			2.86 H	110	103.6	2.9
3	*5865.00	97.1 AV			2.86 H	110	94.2	2.9
4	#5926.13	53.0 PK	88.2	-35.2	2.86 H	110	50.1	2.9
5	#5926.13	39.5 AV	68.2	-28.7	2.86 H	110	36.6	2.9
6	11730.00	55.4 PK	74.0	-18.6	1.21 H	296	43.9	11.5
7	11730.00	43.6 AV	54.0	-10.4	1.21 H	296	32.1	11.5
8	#17595.00	53.3 PK	88.2	-34.9	1.33 H	349	34.1	19.2
9	#17595.00	41.2 AV	68.2	-27.0	1.33 H	349	22.0	19.2

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.

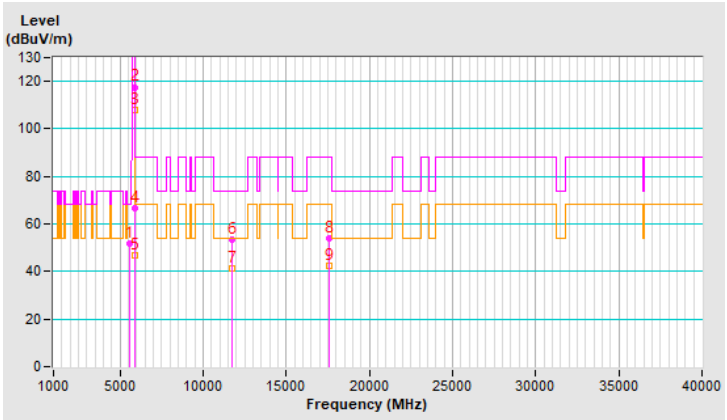


RF Mode	TX 802.11a	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5598.33	51.8 PK	68.2	-16.4	2.94 V	87	49.6	2.2
2	*5865.00	117.6 PK			2.94 V	87	114.7	2.9
3	*5865.00	108.1 AV			2.94 V	87	105.2	2.9
4	#5928.98	66.6 PK	88.2	-21.6	2.94 V	87	63.7	2.9
5	#5928.98	47.0 AV	68.2	-21.2	2.94 V	87	44.1	2.9
6	11730.00	53.6 PK	74.0	-20.4	1.53 V	336	42.1	11.5
7	11730.00	41.5 AV	54.0	-12.5	1.53 V	336	30.0	11.5
8	#17595.00	53.9 PK	88.2	-34.3	3.76 V	45	34.7	19.2
9	#17595.00	42.3 AV	68.2	-25.9	3.76 V	45	23.1	19.2

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.

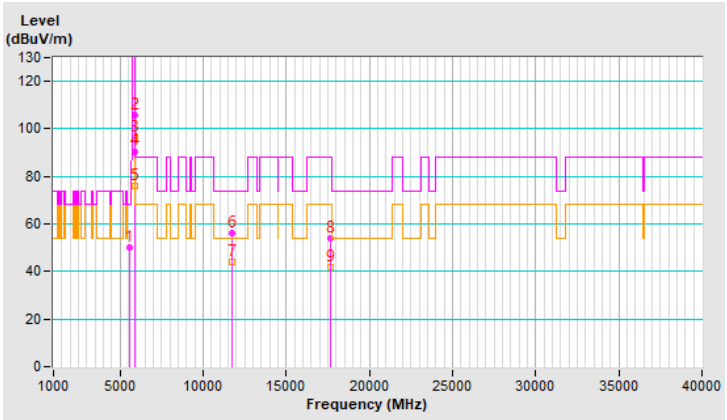


RF Mode	TX 802.11a	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5552.89	50.3 PK	68.2	-17.9	2.83 H	104	48.1	2.2
2	*5885.00	105.8 PK			2.83 H	104	102.9	2.9
3	*5885.00	96.5 AV			2.83 H	104	93.6	2.9
4	#5895.00	90.6 PK	110.2	-19.6	2.83 H	104	87.7	2.9
5	#5895.00	75.8 AV	90.2	-14.4	2.83 H	104	72.9	2.9
6	11770.00	56.3 PK	74.0	-17.7	1.14 H	299	44.8	11.5
7	11770.00	44.2 AV	54.0	-9.8	1.14 H	299	32.7	11.5
8	#17655.00	54.0 PK	88.2	-34.2	1.44 H	344	34.4	19.6
9	#17655.00	41.8 AV	68.2	-26.4	1.44 H	344	22.2	19.6

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.

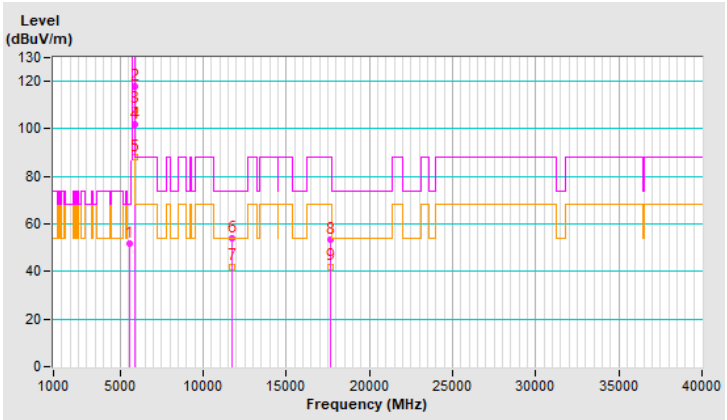


RF Mode	TX 802.11a	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5600.40	51.6 PK	68.2	-16.6	2.92 V	93	49.4	2.2
2	*5885.00	117.7 PK			2.92 V	93	114.8	2.9
3	*5885.00	108.2 AV			2.92 V	93	105.3	2.9
4	#5895.00	102.0 PK	110.2	-8.2	2.92 V	93	99.1	2.9
5	#5895.00	88.0 AV	90.2	-2.2	2.92 V	93	85.1	2.9
6	11770.00	54.1 PK	74.0	-19.9	1.53 V	326	42.6	11.5
7	11770.00	42.1 AV	54.0	-11.9	1.53 V	326	30.6	11.5
8	#17655.00	53.5 PK	88.2	-34.7	3.90 V	16	33.9	19.6
9	#17655.00	42.1 AV	68.2	-26.1	3.90 V	16	22.5	19.6

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.

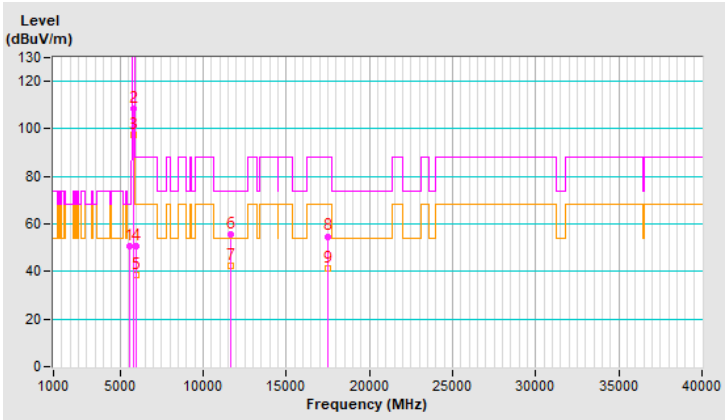


RF Mode	TX 802.11ax (HE20)	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5591.46	50.6 PK	68.2	-17.6	2.80 H	101	48.4	2.2
2	*5845.00	108.3 PK			2.80 H	101	105.5	2.8
3	*5845.00	97.3 AV			2.80 H	101	94.5	2.8
4	#5992.36	50.7 PK	88.2	-37.5	2.80 H	101	47.8	2.9
5	#5992.36	38.5 AV	68.2	-29.7	2.80 H	101	35.6	2.9
6	11690.00	55.7 PK	74.0	-18.3	1.14 H	267	44.0	11.7
7	11690.00	42.4 AV	54.0	-11.6	1.14 H	267	30.7	11.7
8	#17535.00	54.8 PK	88.2	-33.4	1.25 H	331	36.0	18.8
9	#17535.00	41.3 AV	68.2	-26.9	1.25 H	331	22.5	18.8

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.

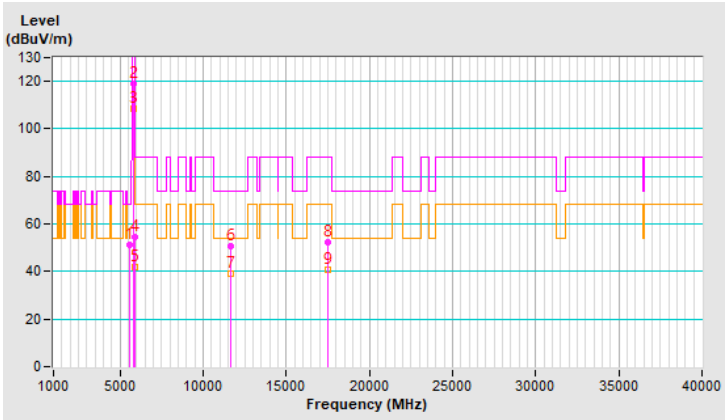


RF Mode	TX 802.11ax (HE20)	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5598.12	51.3 PK	68.2	-16.9	2.96 V	89	49.1	2.2
2	*5845.00	119.2 PK			2.96 V	89	116.4	2.8
3	*5845.00	108.3 AV			2.96 V	89	105.5	2.8
4	#5926.92	54.6 PK	88.2	-33.6	2.96 V	89	51.7	2.9
5	#5926.92	42.0 AV	68.2	-26.2	2.96 V	89	39.1	2.9
6	11690.00	50.5 PK	74.0	-23.5	1.57 V	327	38.8	11.7
7	11690.00	38.9 AV	54.0	-15.1	1.57 V	327	27.2	11.7
8	#17535.00	52.4 PK	88.2	-35.8	3.92 V	25	33.6	18.8
9	#17535.00	40.7 AV	68.2	-27.5	3.92 V	25	21.9	18.8

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.

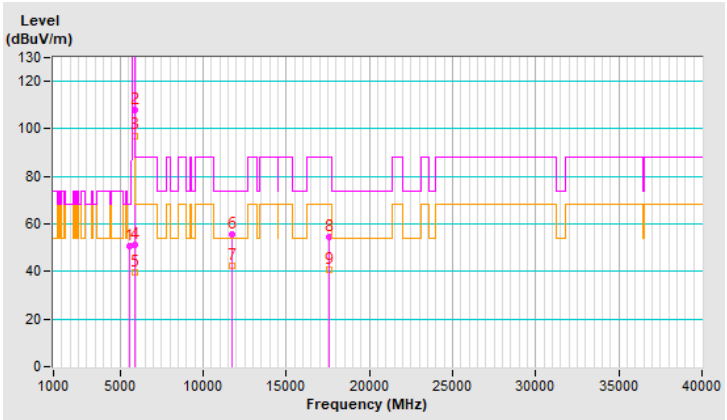


RF Mode	TX 802.11ax (HE20)	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5577.69	50.7 PK	68.2	-17.5	2.76 H	100	48.5	2.2
2	*5865.00	107.8 PK			2.76 H	100	104.9	2.9
3	*5865.00	97.2 AV			2.76 H	100	94.3	2.9
4	#5928.09	51.4 PK	88.2	-36.8	2.76 H	100	48.5	2.9
5	#5928.09	39.6 AV	68.2	-28.6	2.76 H	100	36.7	2.9
6	11730.00	55.7 PK	74.0	-18.3	1.14 H	270	44.2	11.5
7	11730.00	42.3 AV	54.0	-11.7	1.14 H	270	30.8	11.5
8	#17595.00	54.4 PK	88.2	-33.8	1.30 H	333	35.2	19.2
9	#17595.00	40.8 AV	68.2	-27.4	1.30 H	333	21.6	19.2

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.

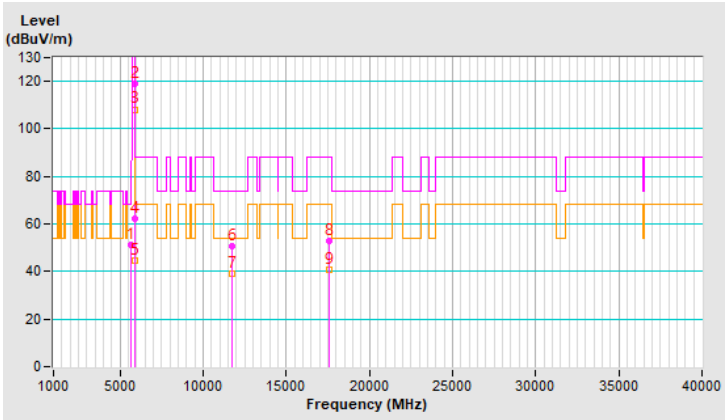


RF Mode	TX 802.11ax (HE20)	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5641.30	51.3 PK	68.2	-16.9	3.00 V	98	49.0	2.3
2	*5865.00	119.0 PK			3.00 V	98	116.1	2.9
3	*5865.00	108.2 AV			3.00 V	98	105.3	2.9
4	#5925.00	62.2 PK	88.2	-26.0	3.00 V	98	59.3	2.9
5	#5925.00	44.8 AV	68.2	-23.4	3.00 V	98	41.9	2.9
6	11730.00	50.9 PK	74.0	-23.1	1.61 V	341	39.4	11.5
7	11730.00	39.1 AV	54.0	-14.9	1.61 V	341	27.6	11.5
8	#17595.00	52.7 PK	88.2	-35.5	3.97 V	41	33.5	19.2
9	#17595.00	40.9 AV	68.2	-27.3	3.97 V	41	21.7	19.2

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.

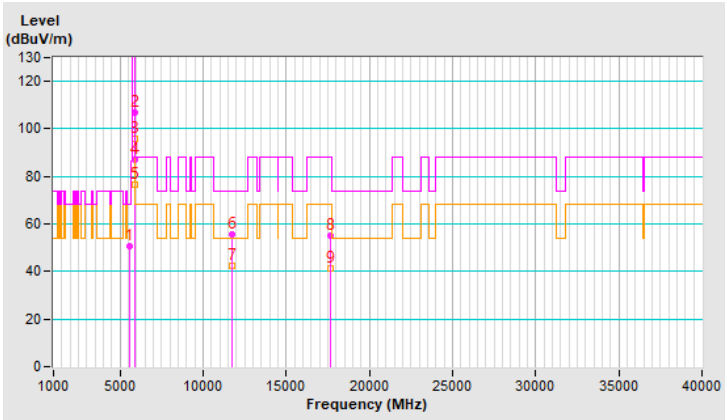


RF Mode	TX 802.11ax (HE20)	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5578.48	50.5 PK	68.2	-17.7	2.88 H	107	48.3	2.2
2	*5885.00	106.9 PK			2.88 H	107	104.0	2.9
3	*5885.00	96.0 AV			2.88 H	107	93.1	2.9
4	#5895.00	86.8 PK	110.2	-23.4	2.88 H	107	83.9	2.9
5	#5895.00	76.5 AV	90.2	-13.7	2.88 H	107	73.6	2.9
6	11770.00	55.5 PK	74.0	-18.5	1.17 H	273	44.0	11.5
7	11770.00	42.2 AV	54.0	-11.8	1.17 H	273	30.7	11.5
8	#17655.00	54.9 PK	88.2	-33.3	1.21 H	341	35.3	19.6
9	#17655.00	41.4 AV	68.2	-26.8	1.21 H	341	21.8	19.6

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.

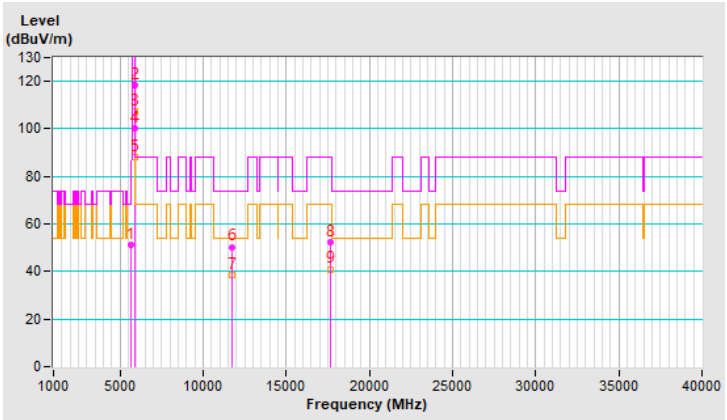


RF Mode	TX 802.11ax (HE20)	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5624.12	51.1 PK	68.2	-17.1	2.98 V	100	48.9	2.2
2	*5885.00	118.3 PK			2.98 V	100	115.4	2.9
3	*5885.00	107.6 AV			2.98 V	100	104.7	2.9
4	#5895.00	100.3 PK	110.2	-9.9	2.98 V	100	97.4	2.9
5	#5895.00	88.3 AV	90.2	-1.9	2.98 V	100	85.4	2.9
6	11770.00	50.4 PK	74.0	-23.6	1.63 V	342	38.9	11.5
7	11770.00	38.6 AV	54.0	-15.4	1.63 V	342	27.1	11.5
8	#17655.00	52.5 PK	88.2	-35.7	3.86 V	29	32.9	19.6
9	#17655.00	41.0 AV	68.2	-27.2	3.86 V	29	21.4	19.6

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.

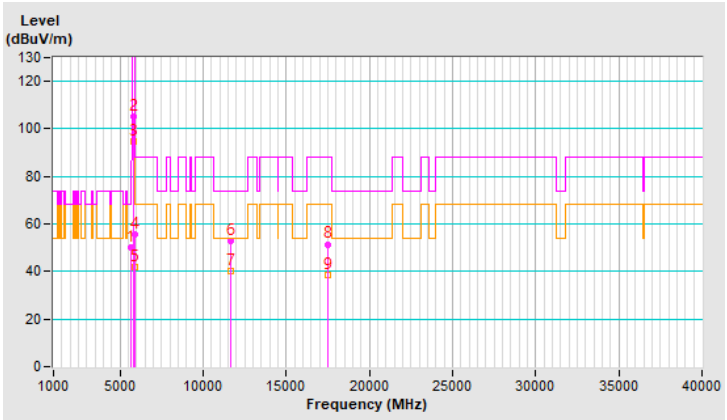


RF Mode	TX 802.11ax (HE40)	Channel	CH 167：5835 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5631.21	50.3 PK	68.2	-17.9	2.79 H	102	48.0	2.3
2	*5835.00	105.4 PK			2.79 H	102	102.6	2.8
3	*5835.00	94.6 AV			2.79 H	102	91.8	2.8
4	#5925.00	55.4 PK	88.2	-32.8	2.79 H	102	52.5	2.9
5	#5925.00	42.0 AV	68.2	-26.2	2.79 H	102	39.1	2.9
6	11670.00	52.9 PK	74.0	-21.1	1.19 H	259	41.1	11.8
7	11670.00	40.4 AV	54.0	-13.6	1.19 H	259	28.6	11.8
8	#17505.00	51.5 PK	88.2	-36.7	1.28 H	348	32.8	18.7
9	#17505.00	38.7 AV	68.2	-29.5	1.28 H	348	20.0	18.7

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.

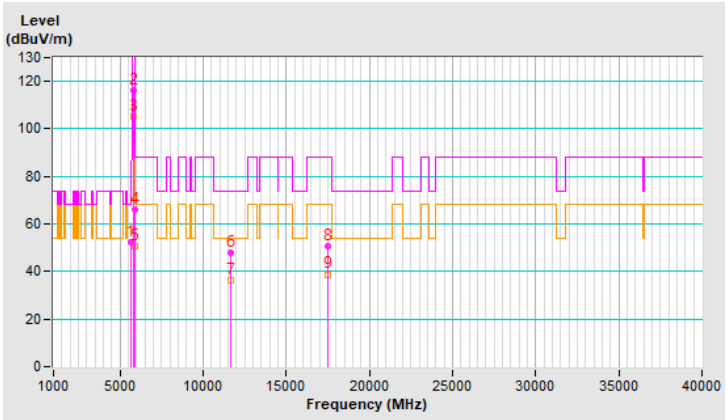


RF Mode	TX 802.11ax (HE40)	Channel	CH 167：5835 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5651.36	52.3 PK	69.2	-16.9	3.02 V	81	50.0	2.3
2	*5835.00	116.3 PK			3.02 V	81	113.5	2.8
3	*5835.00	105.4 AV			3.02 V	81	102.6	2.8
4	#5925.00	66.3 PK	88.2	-21.9	3.02 V	81	63.4	2.9
5	#5925.00	50.6 AV	68.2	-17.6	3.02 V	81	47.7	2.9
6	11670.00	47.9 PK	74.0	-26.1	1.57 V	327	36.1	11.8
7	11670.00	36.4 AV	54.0	-17.6	1.57 V	327	24.6	11.8
8	#17505.00	50.7 PK	88.2	-37.5	4.00 V	18	32.0	18.7
9	#17505.00	38.8 AV	68.2	-29.4	4.00 V	18	20.1	18.7

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.

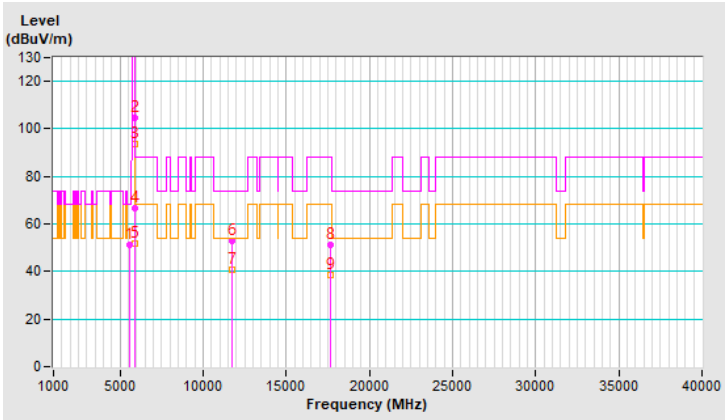


RF Mode	TX 802.11ax (HE40)	Channel	CH 175：5875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5550.43	51.4 PK	68.2	-16.8	2.75 H	98	49.2	2.2
2	*5875.00	104.6 PK			2.75 H	98	101.7	2.9
3	*5875.00	93.6 AV			2.75 H	98	90.7	2.9
4	#5925.00	66.8 PK	88.2	-21.4	2.75 H	98	63.9	2.9
5	#5925.00	51.7 AV	68.2	-16.5	2.75 H	98	48.8	2.9
6	11750.00	53.1 PK	74.0	-20.9	1.14 H	271	41.5	11.6
7	11750.00	40.7 AV	54.0	-13.3	1.14 H	271	29.1	11.6
8	#17625.00	51.2 PK	88.2	-37.0	1.25 H	339	31.8	19.4
9	#17625.00	38.6 AV	68.2	-29.6	1.25 H	339	19.2	19.4

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.

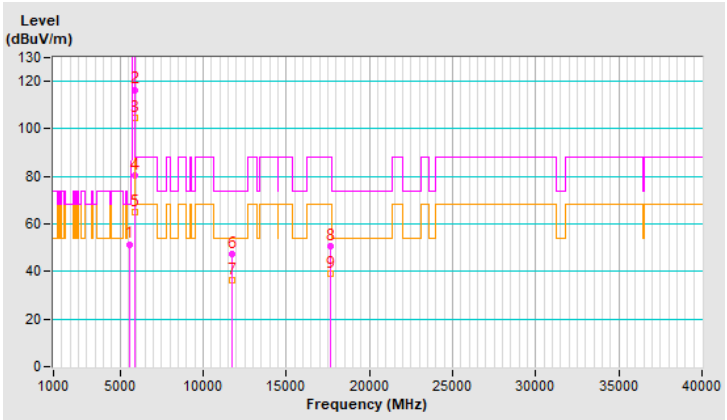


RF Mode	TX 802.11ax (HE40)	Channel	CH 175：5875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5557.59	51.5 PK	68.2	-16.7	2.89 V	89	49.3	2.2
2	*5875.00	116.5 PK			2.89 V	89	113.6	2.9
3	*5875.00	104.6 AV			2.89 V	89	101.7	2.9
4	#5925.00	80.6 PK	88.2	-7.6	2.89 V	89	77.7	2.9
5	#5925.00	64.8 AV	68.2	-3.4	2.89 V	89	61.9	2.9
6	11750.00	47.5 PK	74.0	-26.5	1.53 V	313	35.9	11.6
7	11750.00	36.2 AV	54.0	-17.8	1.53 V	313	24.6	11.6
8	#17625.00	50.6 PK	88.2	-37.6	3.96 V	18	31.2	19.4
9	#17625.00	39.0 AV	68.2	-29.2	3.96 V	18	19.6	19.4

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.

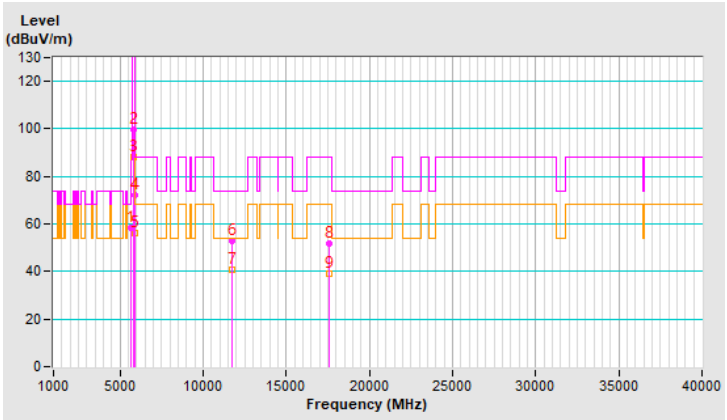


RF Mode	TX 802.11ax (HE80)	Channel	CH 171：5855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5636.97	58.5 PK	68.2	-9.7	2.90 H	109	56.2	2.3
2	*5855.00	99.8 PK			2.90 H	109	96.9	2.9
3	*5855.00	88.1 AV			2.90 H	109	85.2	2.9
4	#5925.00	72.0 PK	88.2	-16.2	2.90 H	109	69.1	2.9
5	#5925.00	56.4 AV	68.2	-11.8	2.90 H	109	53.5	2.9
6	11710.00	53.1 PK	74.0	-20.9	1.18 H	268	41.5	11.6
7	11710.00	40.7 AV	54.0	-13.3	1.18 H	268	29.1	11.6
8	#17565.00	52.0 PK	88.2	-36.2	1.26 H	358	33.0	19.0
9	#17565.00	39.0 AV	68.2	-29.2	1.26 H	358	20.0	19.0

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.

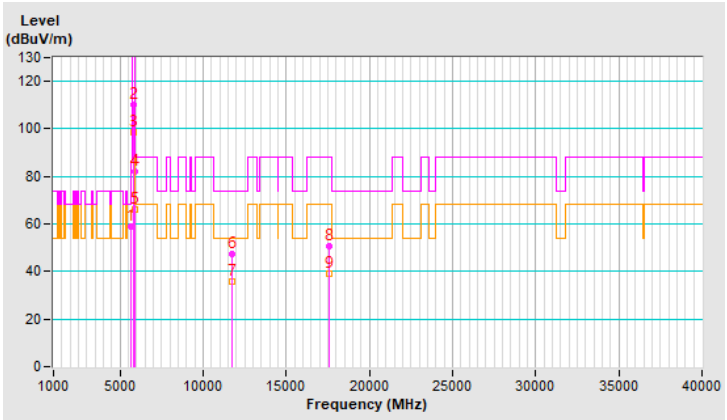


RF Mode	TX 802.11ax (HE80)	Channel	CH 171：5855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5640.73	58.9 PK	68.2	-9.3	2.91 V	102	56.6	2.3
2	*5855.00	110.4 PK			2.91 V	102	107.5	2.9
3	*5855.00	98.6 AV			2.91 V	102	95.7	2.9
4	#5925.00	82.2 PK	88.2	-6.0	2.91 V	102	79.3	2.9
5	#5925.00	66.3 AV	68.2	-1.9	2.91 V	102	63.4	2.9
6	11710.00	47.3 PK	74.0	-26.7	1.52 V	315	35.7	11.6
7	11710.00	36.0 AV	54.0	-18.0	1.52 V	315	24.4	11.6
8	#17565.00	50.8 PK	88.2	-37.4	3.82 V	16	31.8	19.0
9	#17565.00	39.3 AV	68.2	-28.9	3.82 V	16	20.3	19.0

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.

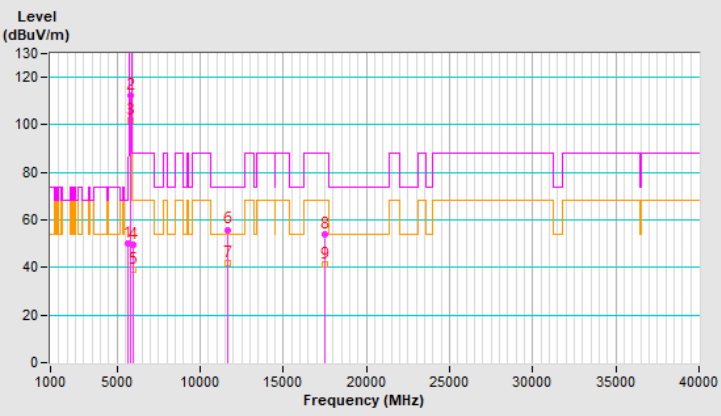


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	23°C, 68% RH
Tested By	Sampson Chen		

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	#5623.28	49.9 PK	68.2	-18.3	1.06 H	224	47.7	2.2
2	*5845.00	112.2 PK			1.06 H	224	109.4	2.8
3	*5845.00	102.0 AV			1.06 H	224	99.2	2.8
4	#5947.05	49.7 PK	88.2	-38.5	1.06 H	224	46.8	2.9
5	#5947.05	39.3 AV	68.2	-28.9	1.06 H	224	36.4	2.9
6	11690.00	55.9 PK	74.0	-18.1	1.55 H	244	44.2	11.7
7	11690.00	42.0 AV	54.0	-12.0	1.55 H	244	30.3	11.7
8	#17535.00	53.8 PK	88.2	-34.4	1.30 H	300	35.0	18.8
9	#17535.00	41.1 AV	68.2	-27.1	1.30 H	300	22.3	18.8

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.

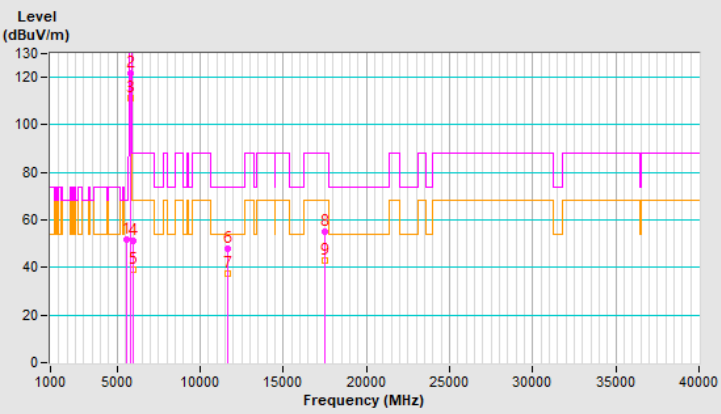


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5611.82	51.8 PK	68.2	-16.4	1.45 V	275	49.6	2.2
2	*5845.00	121.5 PK			1.45 V	275	118.7	2.8
3	*5845.00	111.2 AV			1.45 V	275	108.4	2.8
4	#5967.51	51.1 PK	88.2	-37.1	1.45 V	275	48.2	2.9
5	#5967.51	39.1 AV	68.2	-29.1	1.45 V	275	36.2	2.9
6	11690.00	47.9 PK	74.0	-26.1	1.66 V	301	36.2	11.7
7	11690.00	37.4 AV	54.0	-16.6	1.66 V	301	25.7	11.7
8	#17535.00	55.0 PK	88.2	-33.2	2.27 V	255	36.2	18.8
9	#17535.00	42.7 AV	68.2	-25.5	2.27 V	255	23.9	18.8

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.

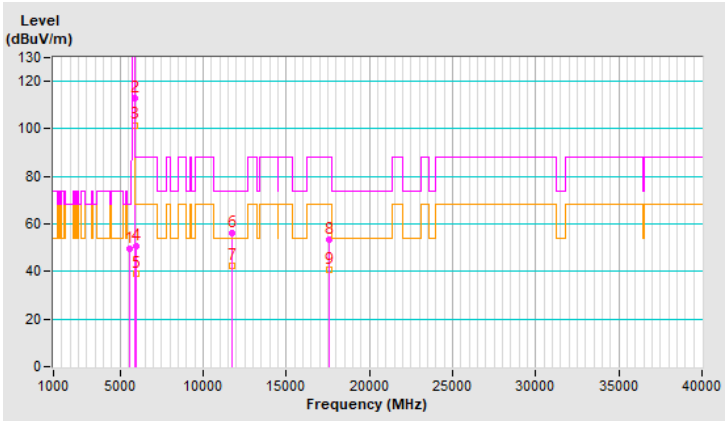


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5565.86	49.5 PK	68.2	-18.7	1.02 H	227	47.3	2.2
2	*5865.00	112.7 PK			1.02 H	227	109.8	2.9
3	*5865.00	101.6 AV			1.02 H	227	98.7	2.9
4	#5947.95	50.7 PK	88.2	-37.5	1.02 H	227	47.8	2.9
5	#5947.95	39.3 AV	68.2	-28.9	1.02 H	227	36.4	2.9
6	11730.00	56.4 PK	74.0	-17.6	1.52 H	242	44.9	11.5
7	11730.00	42.4 AV	54.0	-11.6	1.52 H	242	30.9	11.5
8	#17595.00	53.5 PK	88.2	-34.7	1.30 H	310	34.3	19.2
9	#17595.00	40.7 AV	68.2	-27.5	1.30 H	310	21.5	19.2

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.

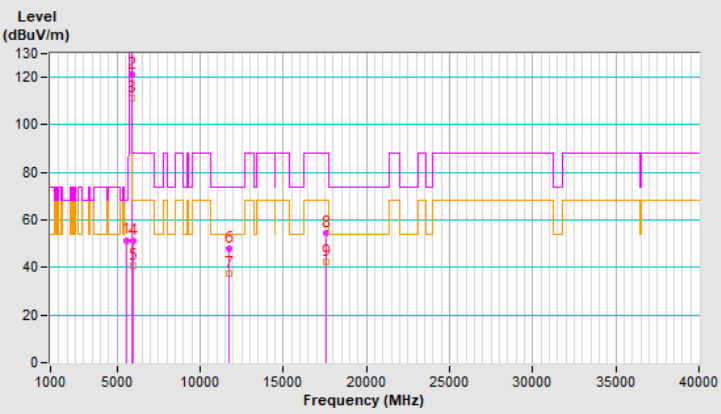


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5591.79	51.5 PK	68.2	-16.7	1.36 V	257	49.3	2.2
2	*5865.00	121.2 PK			1.36 V	257	118.3	2.9
3	*5865.00	111.1 AV			1.36 V	257	108.2	2.9
4	#5944.20	51.4 PK	88.2	-36.8	1.36 V	257	48.5	2.9
5	#5944.20	40.5 AV	68.2	-27.7	1.36 V	257	37.6	2.9
6	11730.00	47.8 PK	74.0	-26.2	1.72 V	290	36.3	11.5
7	11730.00	37.4 AV	54.0	-16.6	1.72 V	290	25.9	11.5
8	#17595.00	54.6 PK	88.2	-33.6	2.22 V	242	35.4	19.2
9	#17595.00	42.6 AV	68.2	-25.6	2.22 V	242	23.4	19.2

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.

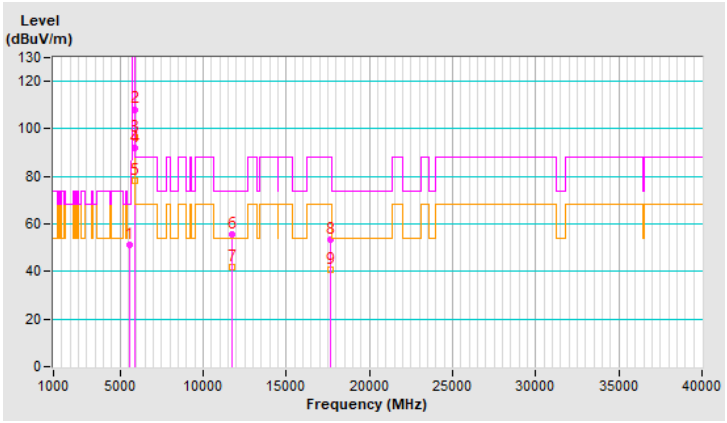


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5562.29	51.1 PK	68.2	-17.1	1.01 H	228	48.9	2.2
2	*5885.00	108.2 PK			1.01 H	228	105.3	2.9
3	*5885.00	96.5 AV			1.01 H	228	93.6	2.9
4	#5895.00	91.9 PK	110.2	-18.3	1.01 H	228	89.0	2.9
5	#5895.00	78.1 AV	90.2	-12.1	1.01 H	228	75.2	2.9
6	11770.00	55.5 PK	74.0	-18.5	1.54 H	258	44.0	11.5
7	11770.00	41.6 AV	54.0	-12.4	1.54 H	258	30.1	11.5
8	#17655.00	53.4 PK	88.2	-34.8	1.24 H	289	33.8	19.6
9	#17655.00	40.7 AV	68.2	-27.5	1.24 H	289	21.1	19.6

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.

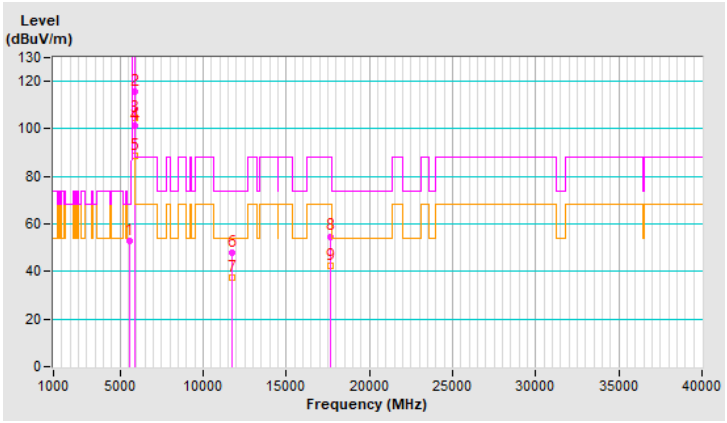


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5603.56	53.0 PK	68.2	-15.2	1.40 V	272	50.8	2.2
2	*5885.00	115.5 PK			1.40 V	272	112.6	2.9
3	*5885.00	104.8 AV			1.40 V	272	101.9	2.9
4	#5895.00	101.1 PK	110.2	-9.1	1.40 V	272	98.2	2.9
5	#5895.00	88.5 AV	90.2	-1.7	1.40 V	272	85.6	2.9
6	11770.00	48.0 PK	74.0	-26.0	1.70 V	314	36.5	11.5
7	11770.00	37.6 AV	54.0	-16.4	1.70 V	314	26.1	11.5
8	#17655.00	54.8 PK	88.2	-33.4	2.23 V	255	35.2	19.6
9	#17655.00	42.6 AV	68.2	-25.6	2.23 V	255	23.0	19.6

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.

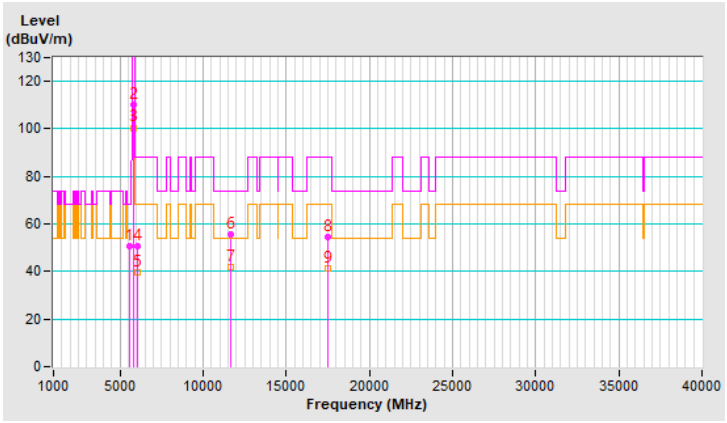


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5565.32	50.6 PK	68.2	-17.6	1.04 H	225	48.4	2.2
2	*5845.00	110.3 PK			1.04 H	225	107.5	2.8
3	*5845.00	100.5 AV			1.04 H	225	97.7	2.8
4	#6022.95	50.8 PK	88.2	-37.4	1.04 H	225	47.8	3.0
5	#6022.95	39.4 AV	68.2	-28.8	1.04 H	225	36.4	3.0
6	11690.00	55.8 PK	74.0	-18.2	1.52 H	259	44.1	11.7
7	11690.00	41.9 AV	54.0	-12.1	1.52 H	259	30.2	11.7
8	#17535.00	54.3 PK	88.2	-33.9	1.29 H	297	35.5	18.8
9	#17535.00	41.3 AV	68.2	-26.9	1.29 H	297	22.5	18.8

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.

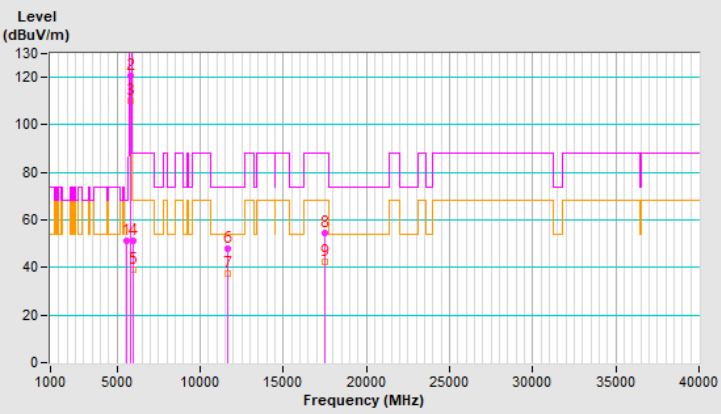


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5607.37	51.2 PK	68.2	-17.0	1.34 V	258	49.0	2.2
2	*5845.00	120.4 PK			1.34 V	258	117.6	2.8
3	*5845.00	109.9 AV			1.34 V	258	107.1	2.8
4	#5987.21	51.0 PK	88.2	-37.2	1.34 V	258	48.1	2.9
5	#5987.21	39.1 AV	68.2	-29.1	1.34 V	258	36.2	2.9
6	11690.00	47.9 PK	74.0	-26.1	1.64 V	309	36.2	11.7
7	11690.00	37.5 AV	54.0	-16.5	1.64 V	309	25.8	11.7
8	#17535.00	54.7 PK	88.2	-33.5	2.26 V	245	35.9	18.8
9	#17535.00	42.5 AV	68.2	-25.7	2.26 V	245	23.7	18.8

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.

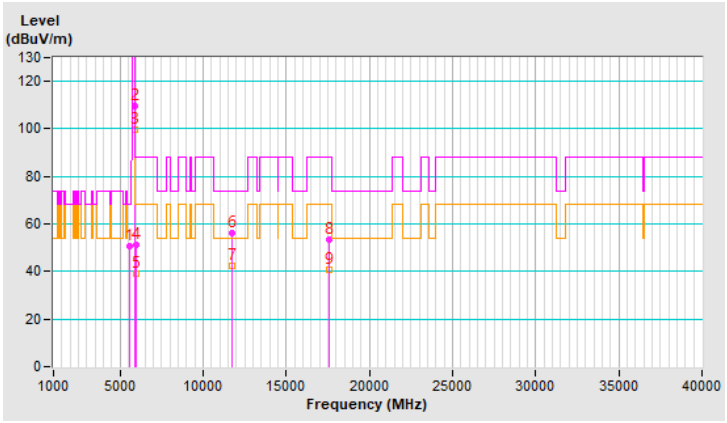


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5594.72	50.5 PK	68.2	-17.7	1.01 H	227	48.3	2.2
2	*5865.00	109.6 PK			1.01 H	227	106.7	2.9
3	*5865.00	99.7 AV			1.01 H	227	96.8	2.9
4	#5974.58	51.2 PK	88.2	-37.0	1.01 H	227	48.3	2.9
5	#5974.58	39.3 AV	68.2	-28.9	1.01 H	227	36.4	2.9
6	11730.00	56.4 PK	74.0	-17.6	1.55 H	240	44.9	11.5
7	11730.00	42.3 AV	54.0	-11.7	1.55 H	240	30.8	11.5
8	#17595.00	53.6 PK	88.2	-34.6	1.33 H	314	34.4	19.2
9	#17595.00	40.8 AV	68.2	-27.4	1.33 H	314	21.6	19.2

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.

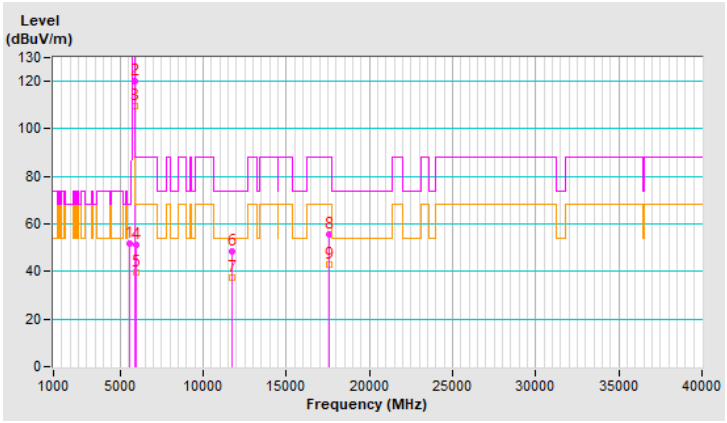


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5576.26	52.0 PK	68.2	-16.2	1.43 V	261	49.8	2.2
2	*5865.00	120.1 PK			1.43 V	261	117.2	2.9
3	*5865.00	109.4 AV			1.43 V	261	106.5	2.9
4	#5947.40	51.1 PK	88.2	-37.1	1.43 V	261	48.2	2.9
5	#5947.40	39.8 AV	68.2	-28.4	1.43 V	261	36.9	2.9
6	11730.00	48.2 PK	74.0	-25.8	1.70 V	296	36.7	11.5
7	11730.00	37.6 AV	54.0	-16.4	1.70 V	296	26.1	11.5
8	#17595.00	55.6 PK	88.2	-32.6	2.27 V	267	36.4	19.2
9	#17595.00	43.1 AV	68.2	-25.1	2.27 V	267	23.9	19.2

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.

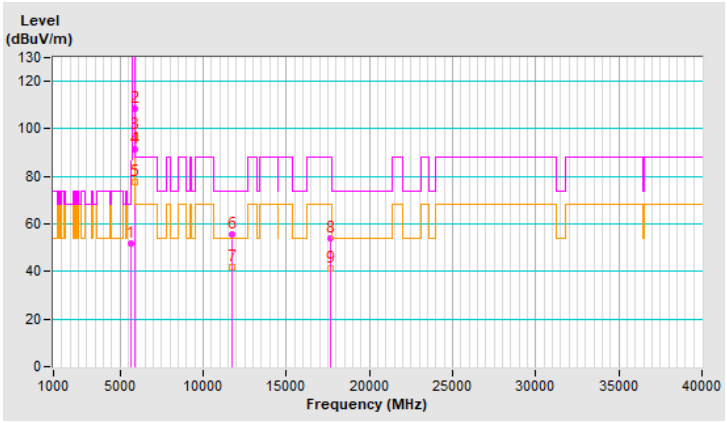


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5631.15	51.8 PK	68.2	-16.4	1.01 H	227	49.5	2.3
2	*5885.00	108.5 PK			1.01 H	227	105.6	2.9
3	*5885.00	97.2 AV			1.01 H	227	94.3	2.9
4	#5895.00	91.4 PK	110.2	-18.8	1.01 H	227	88.5	2.9
5	#5895.00	77.5 AV	90.2	-12.7	1.01 H	227	74.6	2.9
6	11770.00	55.7 PK	74.0	-18.3	1.49 H	238	44.2	11.5
7	11770.00	41.9 AV	54.0	-12.1	1.49 H	238	30.4	11.5
8	#17655.00	54.0 PK	88.2	-34.2	1.28 H	301	34.4	19.6
9	#17655.00	41.4 AV	68.2	-26.8	1.28 H	301	21.8	19.6

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.

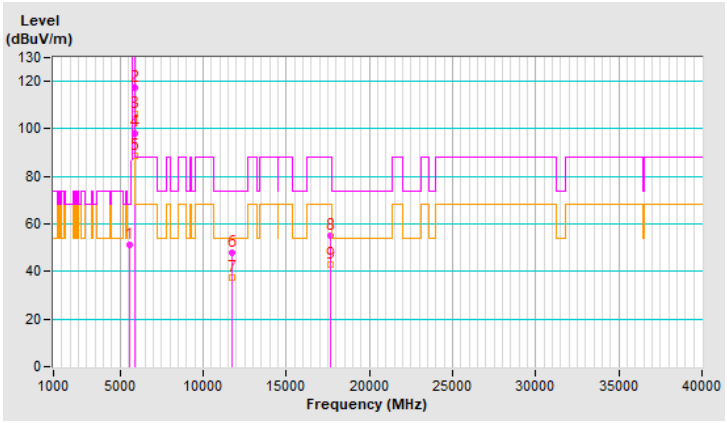


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5562.36	51.0 PK	68.2	-17.2	1.41 V	278	48.8	2.2
2	*5885.00	117.3 PK			1.41 V	278	114.4	2.9
3	*5885.00	106.3 AV			1.41 V	278	103.4	2.9
4	#5895.00	98.3 PK	110.2	-11.9	1.41 V	278	95.4	2.9
5	#5895.00	88.6 AV	90.2	-1.6	1.41 V	278	85.7	2.9
6	11770.00	47.7 PK	74.0	-26.3	1.62 V	288	36.2	11.5
7	11770.00	37.3 AV	54.0	-16.7	1.62 V	288	25.8	11.5
8	#17655.00	55.2 PK	88.2	-33.0	2.26 V	266	35.6	19.6
9	#17655.00	43.0 AV	68.2	-25.2	2.26 V	266	23.4	19.6

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.

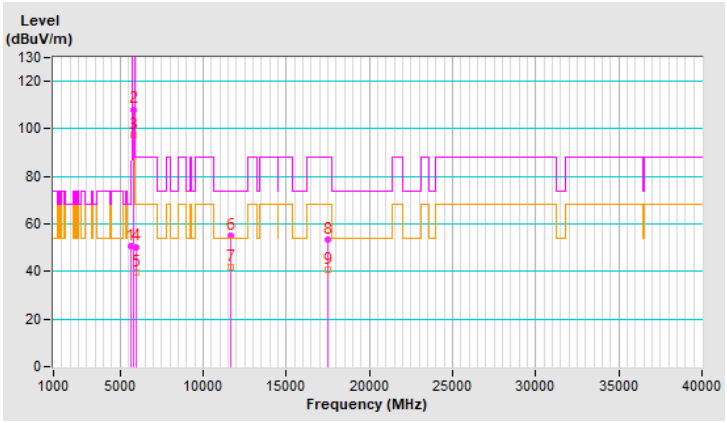


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5619.15	50.5 PK	68.2	-17.7	1.04 H	225	48.3	2.2
2	*5845.00	108.2 PK			1.04 H	225	105.4	2.8
3	*5845.00	97.6 AV			1.04 H	225	94.8	2.8
4	#5968.69	50.4 PK	88.2	-37.8	1.04 H	225	47.5	2.9
5	#5968.69	39.4 AV	68.2	-28.8	1.04 H	225	36.5	2.9
6	11690.00	55.3 PK	74.0	-18.7	1.51 H	256	43.6	11.7
7	11690.00	41.7 AV	54.0	-12.3	1.51 H	256	30.0	11.7
8	#17535.00	53.2 PK	88.2	-35.0	1.27 H	303	34.4	18.8
9	#17535.00	40.6 AV	68.2	-27.6	1.27 H	303	21.8	18.8

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.

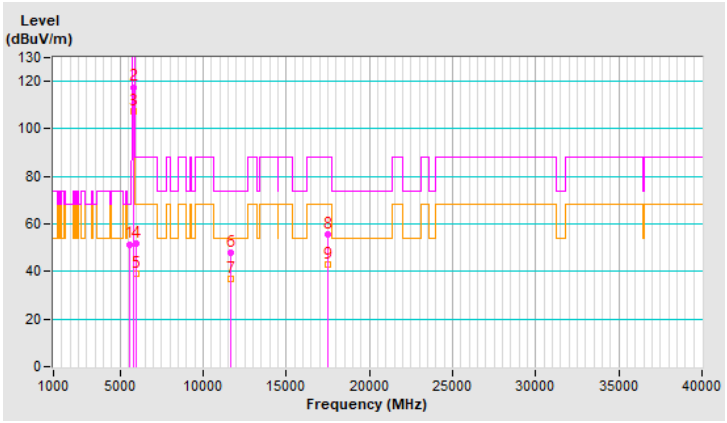


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5592.89	51.5 PK	68.2	-16.7	1.24 V	285	49.3	2.2
2	*5845.00	117.6 PK			1.24 V	285	114.8	2.8
3	*5845.00	107.2 AV			1.24 V	285	104.4	2.8
4	#5941.28	51.8 PK	88.2	-36.4	1.24 V	285	48.9	2.9
5	#5941.28	39.1 AV	68.2	-29.1	1.24 V	285	36.2	2.9
6	11690.00	47.7 PK	74.0	-26.3	1.70 V	315	36.0	11.7
7	11690.00	37.0 AV	54.0	-17.0	1.70 V	315	25.3	11.7
8	#17535.00	55.4 PK	88.2	-32.8	2.24 V	262	36.6	18.8
9	#17535.00	43.1 AV	68.2	-25.1	2.24 V	262	24.3	18.8

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.

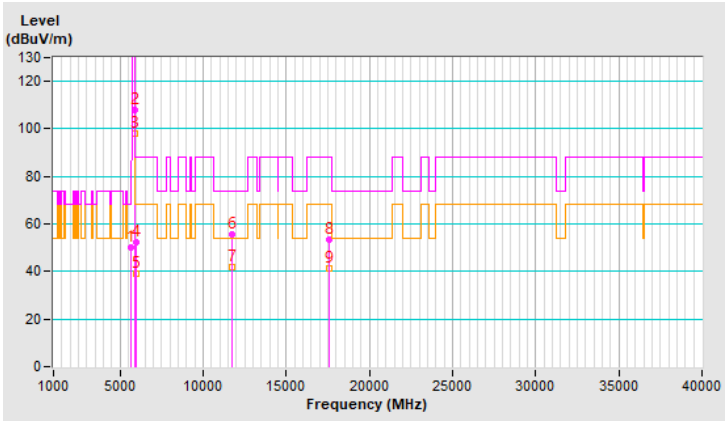


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5636.43	49.9 PK	68.2	-18.3	1.04 H	228	47.6	2.3
2	*5865.00	108.1 PK			1.04 H	228	105.2	2.9
3	*5865.00	97.8 AV			1.04 H	228	94.9	2.9
4	#5939.80	52.2 PK	88.2	-36.0	1.04 H	228	49.3	2.9
5	#5939.80	39.3 AV	68.2	-28.9	1.04 H	228	36.4	2.9
6	11730.00	55.5 PK	74.0	-18.5	1.49 H	234	44.0	11.5
7	11730.00	41.7 AV	54.0	-12.3	1.49 H	234	30.2	11.5
8	#17595.00	53.5 PK	88.2	-34.7	1.27 H	302	34.3	19.2
9	#17595.00	41.1 AV	68.2	-27.1	1.27 H	302	21.9	19.2

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.

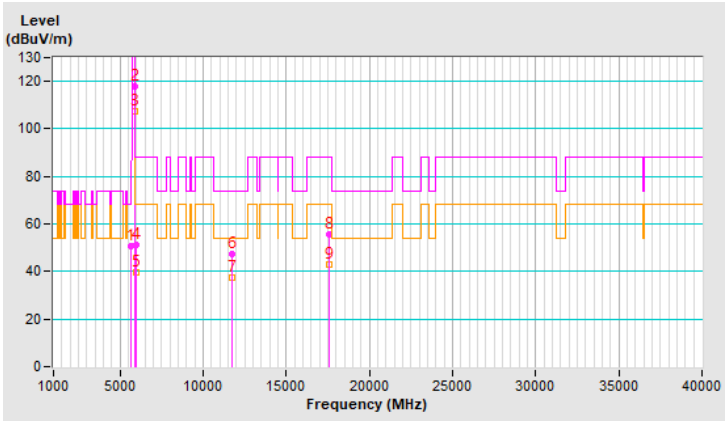


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5624.57	50.8 PK	68.2	-17.4	1.18 V	254	48.6	2.2
2	*5865.00	117.9 PK			1.18 V	254	115.0	2.9
3	*5865.00	107.4 AV			1.18 V	254	104.5	2.9
4	#5947.20	51.2 PK	88.2	-37.0	1.18 V	254	48.3	2.9
5	#5947.20	39.6 AV	68.2	-28.6	1.18 V	254	36.7	2.9
6	11730.00	47.5 PK	74.0	-26.5	1.66 V	302	36.0	11.5
7	11730.00	37.2 AV	54.0	-16.8	1.66 V	302	25.7	11.5
8	#17595.00	55.5 PK	88.2	-32.7	2.25 V	257	36.3	19.2
9	#17595.00	43.1 AV	68.2	-25.1	2.25 V	257	23.9	19.2

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.

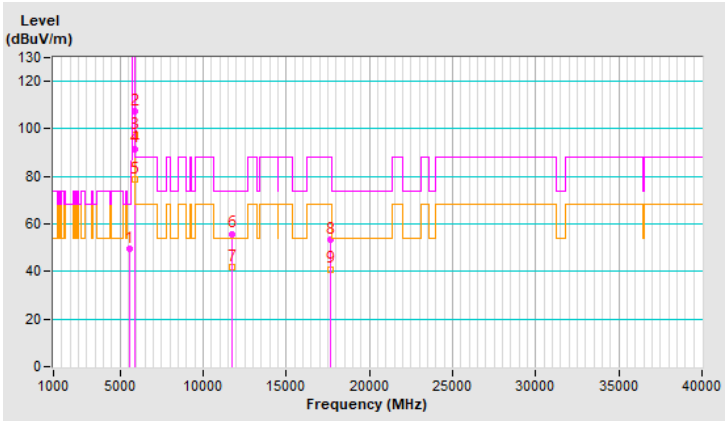


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5565.24	49.6 PK	68.2	-18.6	1.01 H	227	47.4	2.2
2	*5885.00	107.3 PK			1.01 H	227	104.4	2.9
3	*5885.00	97.7 AV			1.01 H	227	94.8	2.9
4	#5895.00	91.7 PK	110.2	-18.5	1.01 H	227	88.8	2.9
5	#5895.00	78.5 AV	90.2	-11.7	1.01 H	227	75.6	2.9
6	11770.00	55.9 PK	74.0	-18.1	1.57 H	243	44.4	11.5
7	11770.00	41.9 AV	54.0	-12.1	1.57 H	243	30.4	11.5
8	#17655.00	53.4 PK	88.2	-34.8	1.35 H	294	33.8	19.6
9	#17655.00	41.0 AV	68.2	-27.2	1.35 H	294	21.4	19.6

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.

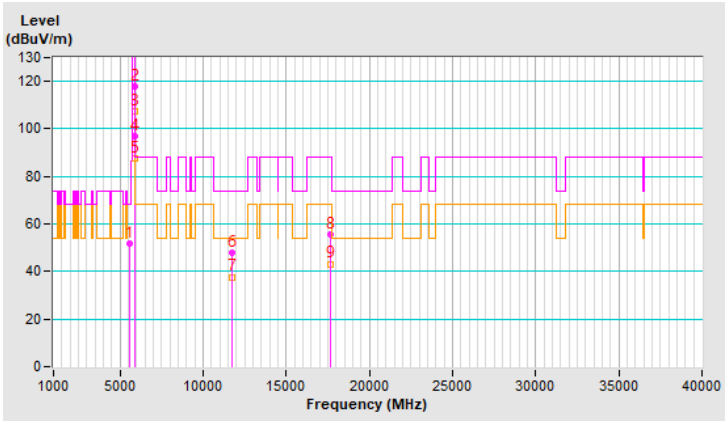


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5565.24	51.7 PK	68.2	-16.5	1.23 V	261	49.5	2.2
2	*5885.00	118.1 PK			1.23 V	261	115.2	2.9
3	*5885.00	107.5 AV			1.23 V	261	104.6	2.9
4	#5895.00	96.9 PK	110.2	-13.3	1.23 V	261	94.0	2.9
5	#5895.00	87.5 AV	90.2	-2.7	1.23 V	261	84.6	2.9
6	11770.00	48.0 PK	74.0	-26.0	1.65 V	293	36.5	11.5
7	11770.00	37.7 AV	54.0	-16.3	1.65 V	293	26.2	11.5
8	#17655.00	55.4 PK	88.2	-32.8	2.32 V	247	35.8	19.6
9	#17655.00	43.2 AV	68.2	-25.0	2.32 V	247	23.6	19.6

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.



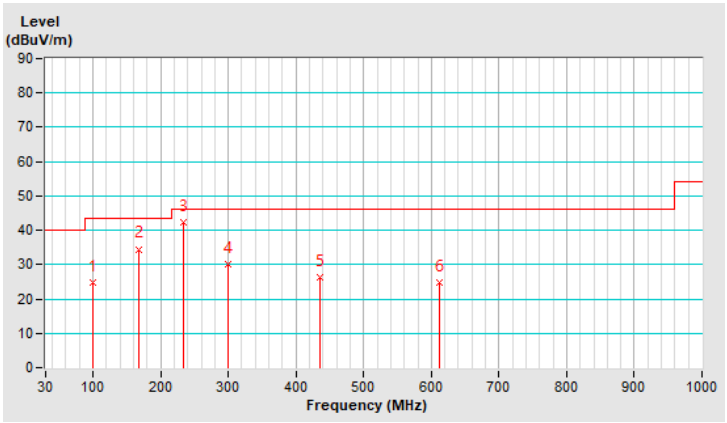
Below 1GHz Data:

RF Mode	TX 802.11a	Channel	CH 169：5845 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

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	100.67	24.6 QP	43.5	-18.9	3.00 H	101	41.8	-17.2
2	167.53	34.5 QP	43.5	-9.0	2.00 H	294	47.6	-13.1
3	234.22	42.3 QP	46.0	-3.7	1.50 H	121	57.2	-14.9
4	299.84	30.2 QP	46.0	-15.8	1.00 H	148	42.5	-12.3
5	434.74	26.4 QP	46.0	-19.6	3.00 H	97	35.0	-8.6
6	612.91	24.7 QP	46.0	-21.3	3.00 H	153	29.6	-4.9

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 of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

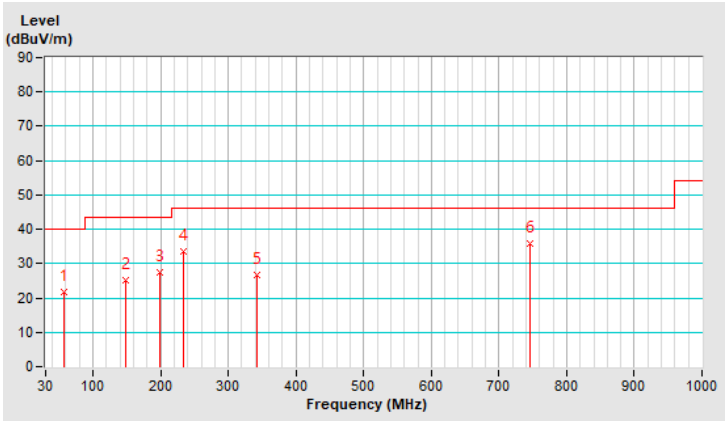


RF Mode	TX 802.11a	Channel	CH 169：5845 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

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	57.31	21.6 QP	40.0	-18.4	1.50 V	314	34.8	-13.2
2	148.12	25.0 QP	43.5	-18.5	1.00 V	126	37.7	-12.7
3	198.45	27.4 QP	43.5	-16.1	1.50 V	243	43.5	-16.1
4	233.13	33.4 QP	46.0	-12.6	2.00 V	61	48.4	-15.0
5	342.72	26.8 QP	46.0	-19.2	1.50 V	179	38.1	-11.3
6	746.74	35.8 QP	46.0	-10.2	3.00 V	283	38.6	-2.8

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 of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



PIFA Antenna

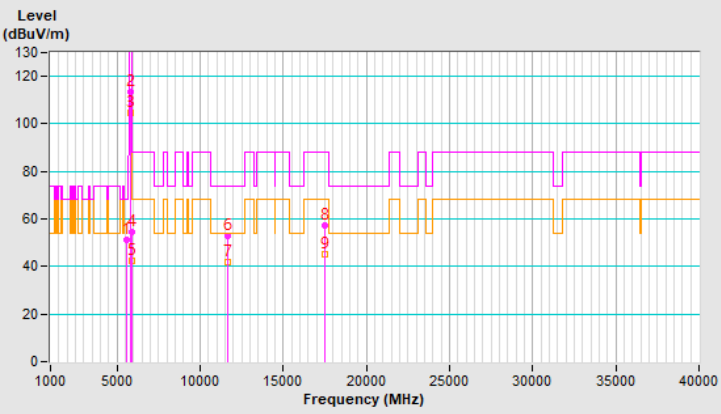
Above 1GHz Data:

RF Mode	TX 802.11a	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5580.53	51.4 PK	68.2	-16.8	2.00 H	287	49.2	2.2
2	*5845.00	113.7 PK			2.00 H	287	110.9	2.8
3	*5845.00	104.7 AV			2.00 H	287	101.9	2.8
4	#5925.00	54.6 PK	88.2	-33.6	2.00 H	287	51.7	2.9
5	#5925.00	42.6 AV	68.2	-25.6	2.00 H	287	39.7	2.9
6	11690.00	52.7 PK	74.0	-21.3	1.47 H	294	41.0	11.7
7	11690.00	41.6 AV	54.0	-12.4	1.47 H	294	29.9	11.7
8	#17535.00	57.5 PK	88.2	-30.7	2.98 H	66	38.7	18.8
9	#17535.00	45.1 AV	68.2	-23.1	2.98 H	66	26.3	18.8

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.

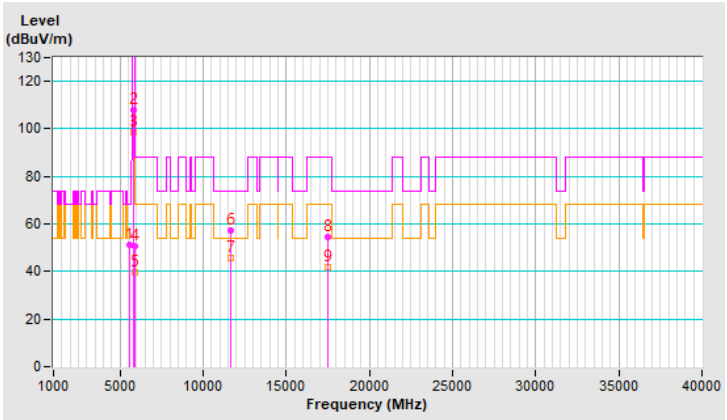


RF Mode	TX 802.11a	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5613.88	51.1 PK	68.2	-17.1	3.90 V	135	48.9	2.2
2	*5845.00	107.8 PK			3.90 V	135	105.0	2.8
3	*5845.00	98.8 AV			3.90 V	135	96.0	2.8
4	#5925.00	50.8 PK	88.2	-37.4	3.90 V	135	47.9	2.9
5	#5925.00	39.8 AV	68.2	-28.4	3.90 V	135	36.9	2.9
6	11690.00	57.3 PK	74.0	-16.7	1.16 V	303	45.6	11.7
7	11690.00	45.6 AV	54.0	-8.4	1.16 V	303	33.9	11.7
8	#17535.00	54.7 PK	88.2	-33.5	3.40 V	196	35.9	18.8
9	#17535.00	41.8 AV	68.2	-26.4	3.40 V	196	23.0	18.8

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.

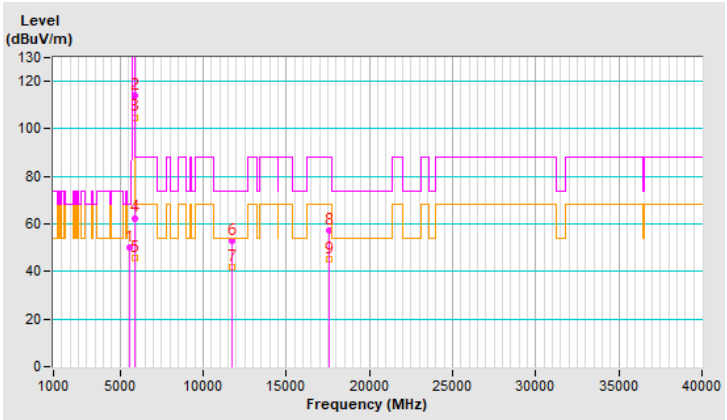


RF Mode	TX 802.11a	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5558.99	50.1 PK	68.2	-18.1	1.96 H	287	47.9	2.2
2	*5865.00	114.0 PK			1.96 H	287	111.1	2.9
3	*5865.00	104.9 AV			1.96 H	287	102.0	2.9
4	#5925.00	62.5 PK	88.2	-25.7	1.96 H	287	59.6	2.9
5	#5925.00	45.7 AV	68.2	-22.5	1.96 H	287	42.8	2.9
6	11730.00	52.9 PK	74.0	-21.1	1.47 H	299	41.4	11.5
7	11730.00	41.8 AV	54.0	-12.2	1.47 H	299	30.3	11.5
8	#17595.00	57.5 PK	88.2	-30.7	2.97 H	72	38.3	19.2
9	#17595.00	44.9 AV	68.2	-23.3	2.97 H	72	25.7	19.2

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.

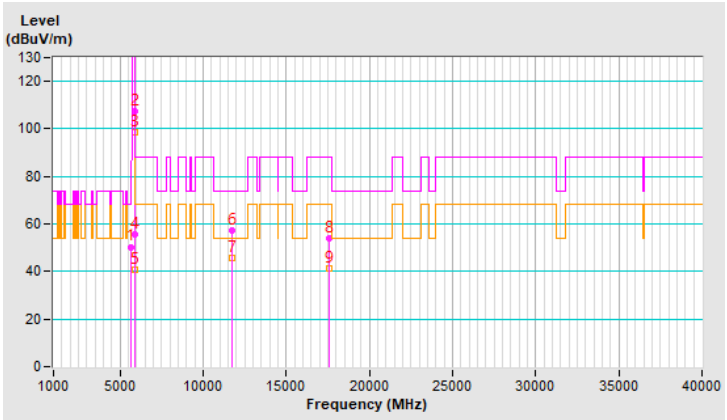


RF Mode	TX 802.11a	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5647.05	50.4 PK	68.2	-17.8	3.92 V	156	48.1	2.3
2	*5865.00	107.5 PK			3.92 V	156	104.6	2.9
3	*5865.00	98.4 AV			3.92 V	156	95.5	2.9
4	#5925.76	55.6 PK	88.2	-32.6	3.92 V	156	52.7	2.9
5	#5925.76	40.5 AV	68.2	-27.7	3.92 V	156	37.6	2.9
6	11730.00	57.2 PK	74.0	-16.8	1.15 V	328	45.7	11.5
7	11730.00	45.7 AV	54.0	-8.3	1.15 V	328	34.2	11.5
8	#17595.00	54.2 PK	88.2	-34.0	3.37 V	191	35.0	19.2
9	#17595.00	41.4 AV	68.2	-26.8	3.37 V	191	22.2	19.2

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.

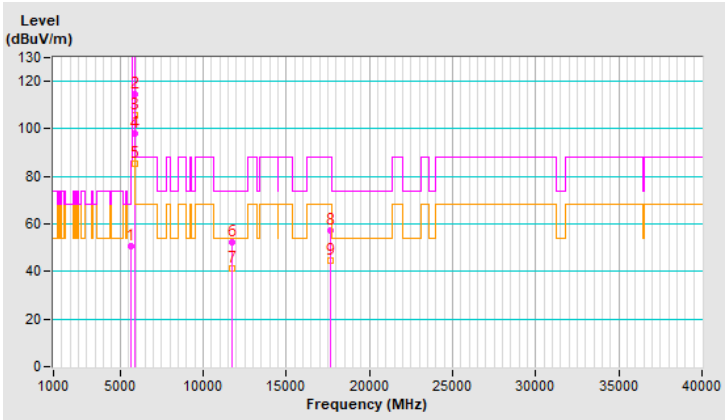


RF Mode	TX 802.11a	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5620.94	50.8 PK	68.2	-17.4	1.95 H	285	48.6	2.2
2	*5885.00	114.8 PK			1.95 H	285	111.9	2.9
3	*5885.00	105.8 AV			1.95 H	285	102.9	2.9
4	#5895.00	97.8 PK	110.2	-12.4	1.95 H	285	94.9	2.9
5	#5895.00	85.6 AV	90.2	-4.6	1.95 H	285	82.7	2.9
6	11770.00	52.5 PK	74.0	-21.5	1.52 H	306	41.0	11.5
7	11770.00	41.3 AV	54.0	-12.7	1.52 H	306	29.8	11.5
8	#17655.00	57.1 PK	88.2	-31.1	2.96 H	61	37.5	19.6
9	#17655.00	44.8 AV	68.2	-23.4	2.96 H	61	25.2	19.6

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.

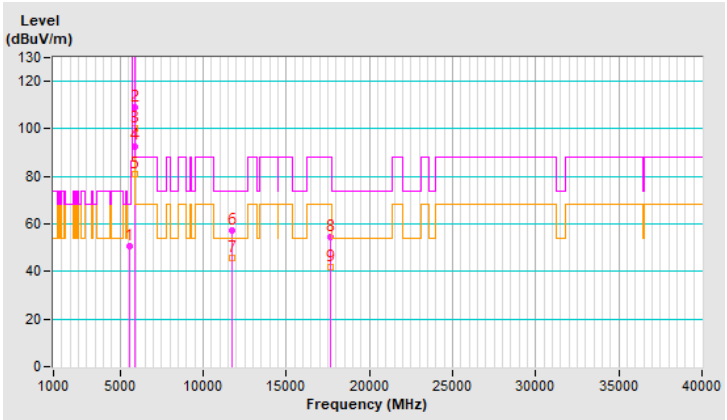


RF Mode	TX 802.11a	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5578.68	50.7 PK	68.2	-17.5	3.92 V	124	48.5	2.2
2	*5885.00	109.2 PK			3.92 V	124	106.3	2.9
3	*5885.00	100.2 AV			3.92 V	124	97.3	2.9
4	#5895.00	92.8 PK	110.2	-17.4	3.92 V	124	89.9	2.9
5	#5895.00	80.8 AV	90.2	-9.4	3.92 V	124	77.9	2.9
6	11770.00	57.5 PK	74.0	-16.5	1.22 V	299	46.0	11.5
7	11770.00	45.7 AV	54.0	-8.3	1.22 V	299	34.2	11.5
8	#17655.00	54.7 PK	88.2	-33.5	3.53 V	218	35.1	19.6
9	#17655.00	41.9 AV	68.2	-26.3	3.53 V	218	22.3	19.6

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.

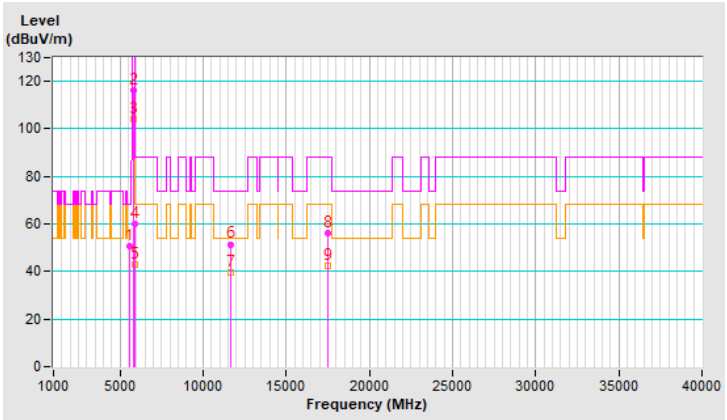


RF Mode	TX 802.11ax (HE20)	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5570.16	50.5 PK	68.2	-17.7	1.97 H	284	48.3	2.2
2	*5845.00	116.1 PK			1.97 H	284	113.3	2.8
3	*5845.00	104.3 AV			1.97 H	284	101.5	2.8
4	#5925.00	59.9 PK	88.2	-28.3	1.97 H	284	57.0	2.9
5	#5925.00	42.8 AV	68.2	-25.4	1.97 H	284	39.9	2.9
6	11690.00	51.5 PK	74.0	-22.5	1.50 H	321	39.8	11.7
7	11690.00	39.8 AV	54.0	-14.2	1.50 H	321	28.1	11.7
8	#17535.00	56.4 PK	88.2	-31.8	2.96 H	63	37.6	18.8
9	#17535.00	42.6 AV	68.2	-25.6	2.96 H	63	23.8	18.8

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.

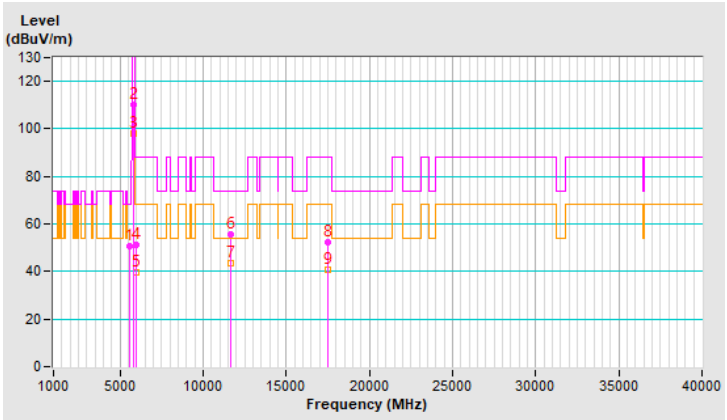


RF Mode	TX 802.11ax (HE20)	Channel	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5575.78	50.5 PK	68.2	-17.7	3.89 V	135	48.3	2.2
2	*5845.00	110.3 PK			3.89 V	135	107.5	2.8
3	*5845.00	98.1 AV			3.89 V	135	95.3	2.8
4	#5949.23	51.0 PK	88.2	-37.2	3.89 V	135	48.1	2.9
5	#5949.23	39.5 AV	68.2	-28.7	3.89 V	135	36.6	2.9
6	11690.00	55.4 PK	74.0	-18.6	1.20 V	315	43.7	11.7
7	11690.00	43.7 AV	54.0	-10.3	1.20 V	315	32.0	11.7
8	#17535.00	52.3 PK	88.2	-35.9	3.48 V	215	33.5	18.8
9	#17535.00	40.6 AV	68.2	-27.6	3.48 V	215	21.8	18.8

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.

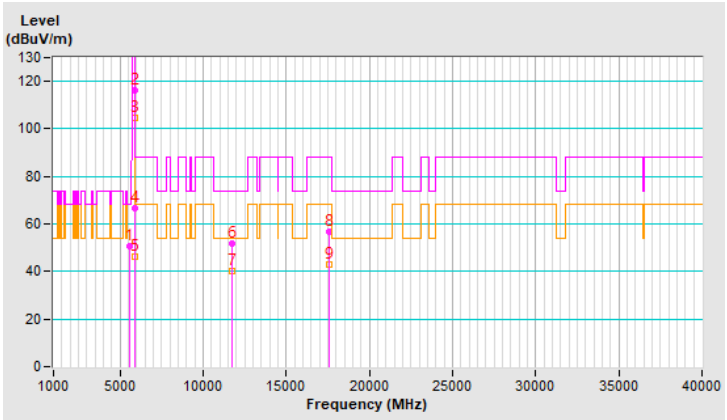


RF Mode	TX 802.11ax (HE20)	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5582.37	50.7 PK	68.2	-17.5	1.98 H	287	48.5	2.2
2	*5865.00	116.4 PK			1.98 H	287	113.5	2.9
3	*5865.00	104.6 AV			1.98 H	287	101.7	2.9
4	#5925.00	66.5 PK	88.2	-21.7	1.98 H	287	63.6	2.9
5	#5925.00	46.5 AV	68.2	-21.7	1.98 H	287	43.6	2.9
6	11730.00	51.9 PK	74.0	-22.1	1.47 H	330	40.4	11.5
7	11730.00	40.0 AV	54.0	-14.0	1.47 H	330	28.5	11.5
8	#17595.00	56.9 PK	88.2	-31.3	2.91 H	60	37.7	19.2
9	#17595.00	43.1 AV	68.2	-25.1	2.91 H	60	23.9	19.2

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.

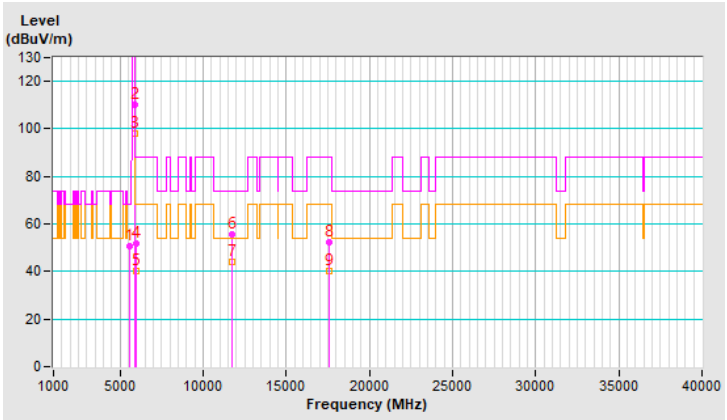


RF Mode	TX 802.11ax (HE20)	Channel	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5590.98	50.5 PK	68.2	-17.7	3.91 V	155	48.3	2.2
2	*5865.00	110.1 PK			3.91 V	155	107.2	2.9
3	*5865.00	98.0 AV			3.91 V	155	95.1	2.9
4	#5948.92	51.7 PK	88.2	-36.5	3.91 V	155	48.8	2.9
5	#5948.92	40.3 AV	68.2	-27.9	3.91 V	155	37.4	2.9
6	11730.00	55.8 PK	74.0	-18.2	1.24 V	307	44.3	11.5
7	11730.00	44.1 AV	54.0	-9.9	1.24 V	307	32.6	11.5
8	#17595.00	52.2 PK	88.2	-36.0	3.53 V	227	33.0	19.2
9	#17595.00	40.3 AV	68.2	-27.9	3.53 V	227	21.1	19.2

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.

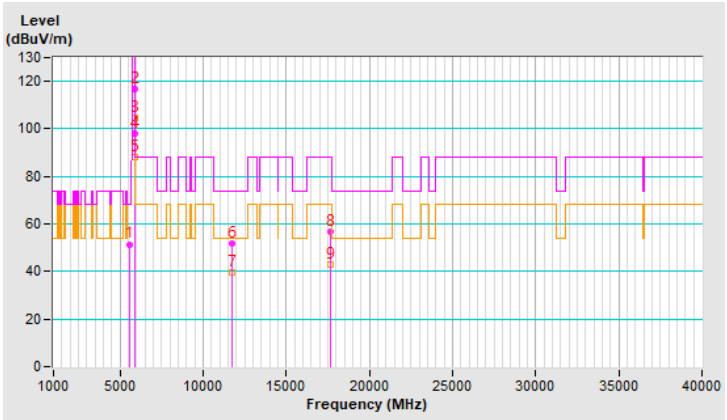


RF Mode	TX 802.11ax (HE20)	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5584.13	51.5 PK	68.2	-16.7	1.97 H	288	49.3	2.2
2	*5885.00	116.7 PK			1.97 H	288	113.8	2.9
3	*5885.00	104.7 AV			1.97 H	288	101.8	2.9
4	#5895.00	97.8 PK	110.2	-12.4	1.97 H	288	94.9	2.9
5	#5895.00	88.3 AV	90.2	-1.9	1.97 H	288	85.4	2.9
6	11770.00	51.6 PK	74.0	-22.4	1.48 H	310	40.1	11.5
7	11770.00	39.7 AV	54.0	-14.3	1.48 H	310	28.2	11.5
8	#17655.00	56.7 PK	88.2	-31.5	2.90 H	58	37.1	19.6
9	#17655.00	43.1 AV	68.2	-25.1	2.90 H	58	23.5	19.6

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.

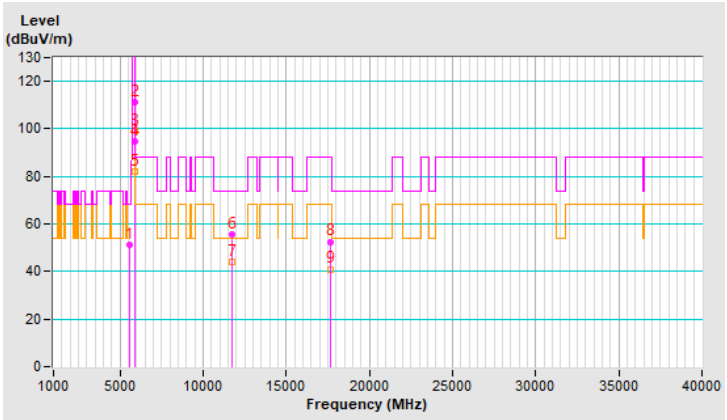


RF Mode	TX 802.11ax (HE20)	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5597.87	51.0 PK	68.2	-17.2	3.92 V	124	48.8	2.2
2	*5885.00	111.0 PK			3.92 V	124	108.1	2.9
3	*5885.00	99.2 AV			3.92 V	124	96.3	2.9
4	#5895.00	94.7 PK	110.2	-15.5	3.92 V	124	91.8	2.9
5	#5895.00	82.1 AV	90.2	-8.1	3.92 V	124	79.2	2.9
6	11770.00	55.6 PK	74.0	-18.4	1.16 V	314	44.1	11.5
7	11770.00	44.0 AV	54.0	-10.0	1.16 V	314	32.5	11.5
8	#17655.00	52.6 PK	88.2	-35.6	3.43 V	201	33.0	19.6
9	#17655.00	41.0 AV	68.2	-27.2	3.43 V	201	21.4	19.6

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.

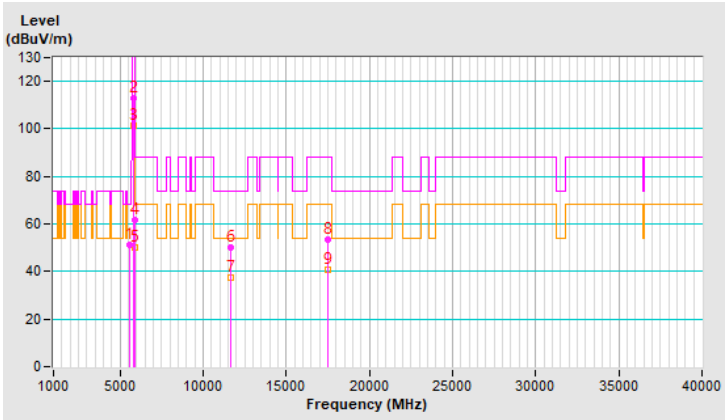


RF Mode	TX 802.11ax (HE40)	Channel	CH 167：5835 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5552.46	51.0 PK	68.2	-17.2	2.00 H	286	48.8	2.2
2	*5835.00	113.1 PK			2.00 H	286	110.3	2.8
3	*5835.00	101.3 AV			2.00 H	286	98.5	2.8
4	#5925.00	61.6 PK	88.2	-26.6	2.00 H	286	58.7	2.9
5	#5925.00	50.0 AV	68.2	-18.2	2.00 H	286	47.1	2.9
6	11670.00	49.9 PK	74.0	-24.1	1.48 H	317	38.1	11.8
7	11670.00	37.6 AV	54.0	-16.4	1.48 H	317	25.8	11.8
8	#17505.00	53.5 PK	88.2	-34.7	2.96 H	74	34.8	18.7
9	#17505.00	40.6 AV	68.2	-27.6	2.96 H	74	21.9	18.7

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.

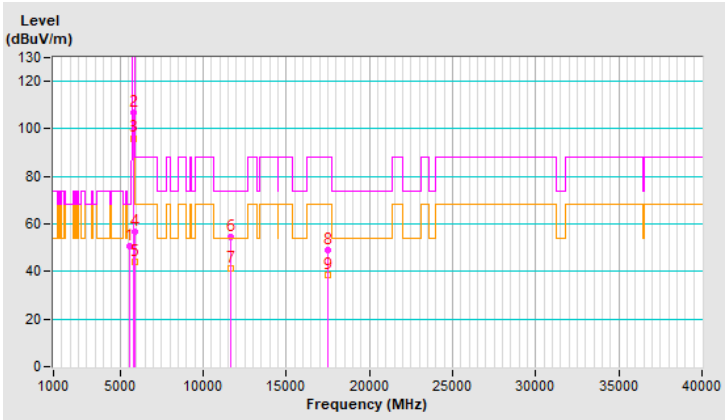


RF Mode	TX 802.11ax (HE40)	Channel	CH 167：5835 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5554.64	50.8 PK	68.2	-17.4	3.92 V	135	48.6	2.2
2	*5835.00	106.9 PK			3.92 V	135	104.1	2.8
3	*5835.00	96.1 AV			3.92 V	135	93.3	2.8
4	#5925.00	56.9 PK	88.2	-31.3	3.92 V	135	54.0	2.9
5	#5925.00	43.9 AV	68.2	-24.3	3.92 V	135	41.0	2.9
6	11670.00	54.6 PK	74.0	-19.4	1.19 V	306	42.8	11.8
7	11670.00	41.3 AV	54.0	-12.7	1.19 V	306	29.5	11.8
8	#17505.00	49.2 PK	88.2	-39.0	3.44 V	203	30.5	18.7
9	#17505.00	38.3 AV	68.2	-29.9	3.44 V	203	19.6	18.7

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.

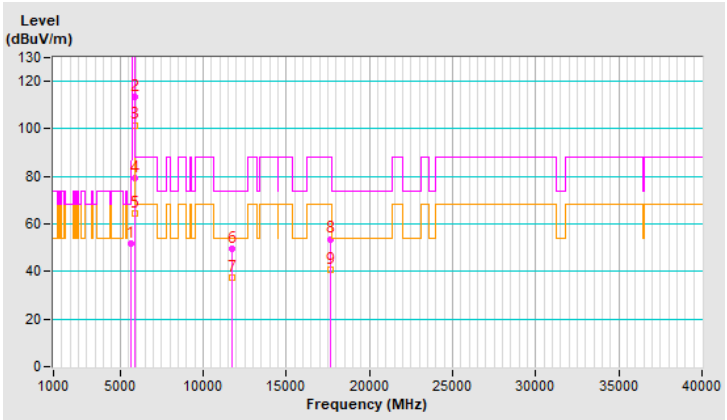


RF Mode	TX 802.11ax (HE40)	Channel	CH 175：5875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5642.84	51.6 PK	68.2	-16.6	2.00 H	289	49.3	2.3
2	*5875.00	113.2 PK			2.00 H	289	110.3	2.9
3	*5875.00	101.6 AV			2.00 H	289	98.7	2.9
4	#5925.00	79.5 PK	88.2	-8.7	2.00 H	289	76.6	2.9
5	#5925.00	64.2 AV	68.2	-4.0	2.00 H	289	61.3	2.9
6	11750.00	49.6 PK	74.0	-24.4	1.45 H	319	38.0	11.6
7	11750.00	37.4 AV	54.0	-16.6	1.45 H	319	25.8	11.6
8	#17625.00	53.7 PK	88.2	-34.5	2.92 H	80	34.3	19.4
9	#17625.00	40.7 AV	68.2	-27.5	2.92 H	80	21.3	19.4

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.

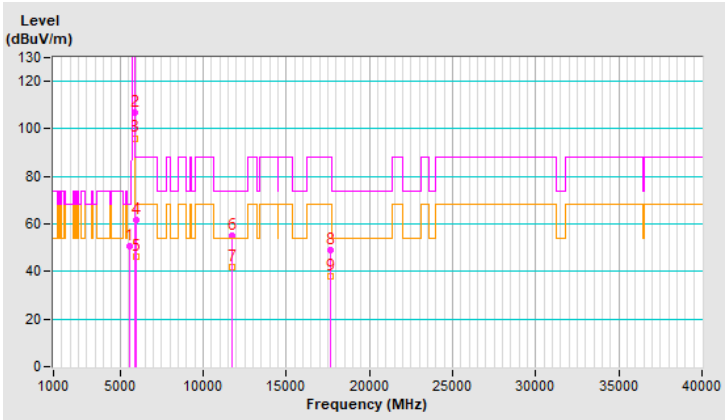


RF Mode	TX 802.11ax (HE40)	Channel	CH 175：5875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5605.37	50.6 PK	68.2	-17.6	3.89 V	156	48.4	2.2
2	*5875.00	106.7 PK			3.89 V	156	103.8	2.9
3	*5875.00	96.1 AV			3.89 V	156	93.2	2.9
4	#5952.41	61.8 PK	88.2	-26.4	3.89 V	156	58.9	2.9
5	#5952.41	46.3 AV	68.2	-21.9	3.89 V	156	43.4	2.9
6	11750.00	55.2 PK	74.0	-18.8	1.21 V	307	43.6	11.6
7	11750.00	41.6 AV	54.0	-12.4	1.21 V	307	30.0	11.6
8	#17625.00	49.0 PK	88.2	-39.2	3.42 V	202	29.6	19.4
9	#17625.00	37.9 AV	68.2	-30.3	3.42 V	202	18.5	19.4

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.

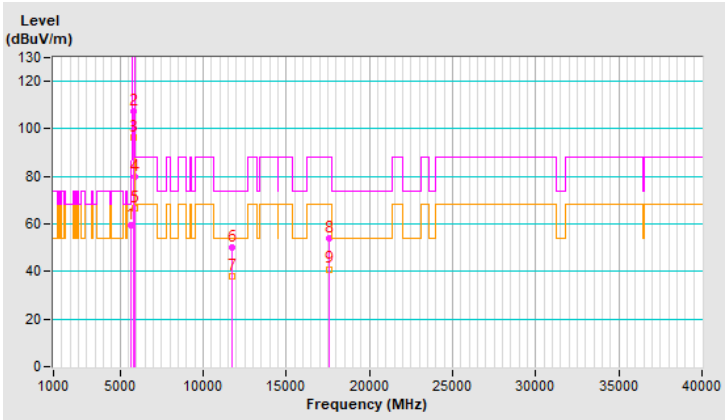


RF Mode	TX 802.11ax (HE80)	Channel	CH 171：5855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5638.42	59.7 PK	68.2	-8.5	2.00 H	287	57.4	2.3
2	*5855.00	107.4 PK			2.00 H	287	104.5	2.9
3	*5855.00	96.5 AV			2.00 H	287	93.6	2.9
4	#5925.00	79.6 PK	88.2	-8.6	2.00 H	287	76.7	2.9
5	#5925.00	66.6 AV	68.2	-1.6	2.00 H	287	63.7	2.9
6	11710.00	50.2 PK	74.0	-23.8	1.45 H	317	38.6	11.6
7	11710.00	37.9 AV	54.0	-16.1	1.45 H	317	26.3	11.6
8	#17565.00	53.9 PK	88.2	-34.3	2.99 H	65	34.9	19.0
9	#17565.00	41.0 AV	68.2	-27.2	2.99 H	65	22.0	19.0

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.

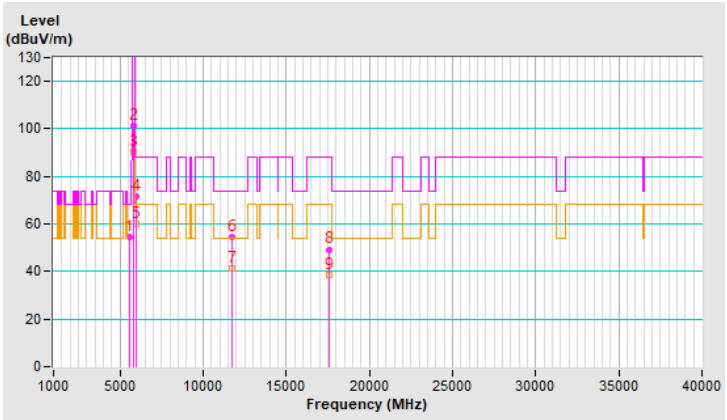


RF Mode	TX 802.11ax (HE80)	Channel	CH 171：5855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Ryan Du		

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	#5615.54	54.4 PK	68.2	-13.8	3.91 V	135	52.2	2.2
2	*5855.00	101.2 PK			3.91 V	135	98.3	2.9
3	*5855.00	90.3 AV			3.91 V	135	87.4	2.9
4	#5939.12	71.8 PK	88.2	-16.4	3.91 V	135	68.9	2.9
5	#5939.12	60.0 AV	68.2	-8.2	3.91 V	135	57.1	2.9
6	11710.00	54.6 PK	74.0	-19.4	1.28 V	311	43.0	11.6
7	11710.00	41.1 AV	54.0	-12.9	1.28 V	311	29.5	11.6
8	#17565.00	49.3 PK	88.2	-38.9	3.50 V	213	30.3	19.0
9	#17565.00	38.3 AV	68.2	-29.9	3.50 V	213	19.3	19.0

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.

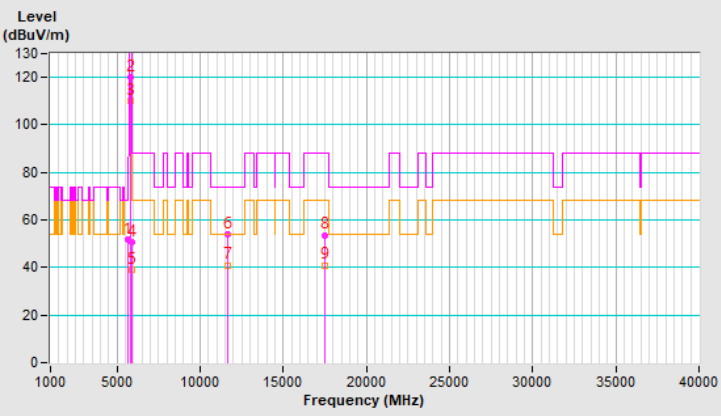


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5643.72	52.0 PK	68.2	-16.2	1.96 H	292	49.7	2.3
2	*5845.00	120.3 PK			1.96 H	292	117.5	2.8
3	*5845.00	110.1 AV			1.96 H	292	107.3	2.8
4	#5925.00	50.7 PK	88.2	-37.5	1.96 H	292	47.8	2.9
5	#5925.00	39.1 AV	68.2	-29.1	1.96 H	292	36.2	2.9
6	11690.00	54.1 PK	74.0	-19.9	1.61 H	248	42.4	11.7
7	11690.00	41.0 AV	54.0	-13.0	1.61 H	248	29.3	11.7
8	#17535.00	53.7 PK	88.2	-34.5	1.40 H	291	34.9	18.8
9	#17535.00	41.0 AV	68.2	-27.2	1.40 H	291	22.2	18.8

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.

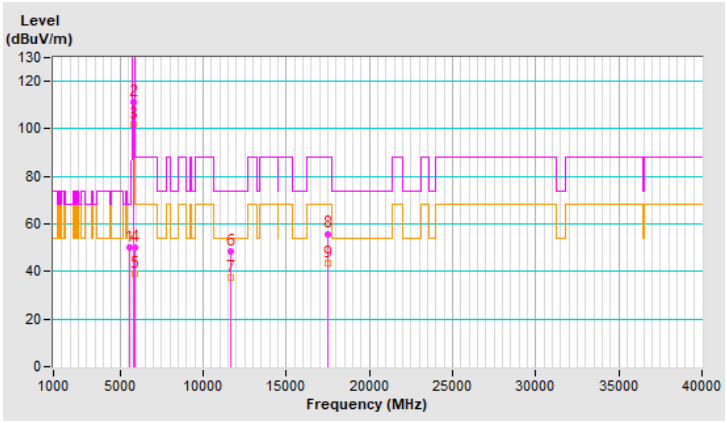


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5601.64	50.2 PK	68.2	-18.0	1.34 V	135	48.0	2.2
2	*5845.00	111.4 PK			1.34 V	135	108.6	2.8
3	*5845.00	101.8 AV			1.34 V	135	99.0	2.8
4	#5933.31	50.2 PK	88.2	-38.0	1.34 V	135	47.3	2.9
5	#5933.31	38.9 AV	68.2	-29.3	1.34 V	135	36.0	2.9
6	11690.00	48.2 PK	74.0	-25.8	1.84 V	294	36.5	11.7
7	11690.00	37.5 AV	54.0	-16.5	1.84 V	294	25.8	11.7
8	#17535.00	55.9 PK	88.2	-32.3	2.31 V	263	37.1	18.8
9	#17535.00	43.3 AV	68.2	-24.9	2.31 V	263	24.5	18.8

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.

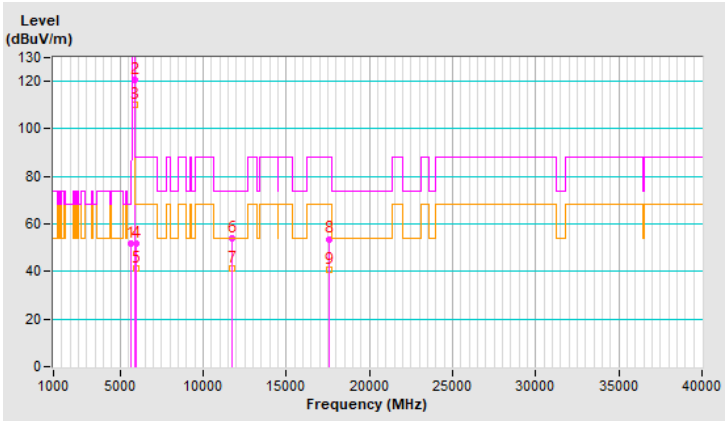


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5622.88	51.6 PK	68.2	-16.6	1.96 H	284	49.4	2.2
2	*5865.00	120.5 PK			1.96 H	284	117.6	2.9
3	*5865.00	110.2 AV			1.96 H	284	107.3	2.9
4	#5946.00	51.6 PK	88.2	-36.6	1.96 H	284	48.7	2.9
5	#5946.00	41.4 AV	68.2	-26.8	1.96 H	284	38.5	2.9
6	11730.00	54.2 PK	74.0	-19.8	1.68 H	249	42.7	11.5
7	11730.00	41.4 AV	54.0	-12.6	1.68 H	249	29.9	11.5
8	#17595.00	53.7 PK	88.2	-34.5	1.47 H	283	34.5	19.2
9	#17595.00	40.9 AV	68.2	-27.3	1.47 H	283	21.7	19.2

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.

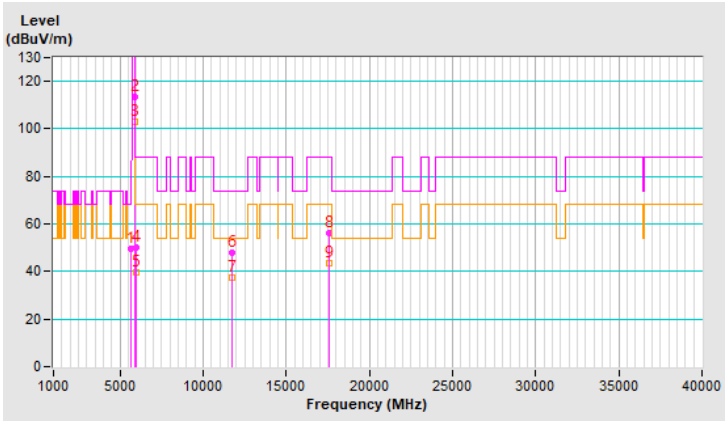


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5636.25	49.4 PK	68.2	-18.8	1.38 V	144	47.1	2.3
2	*5865.00	113.2 PK			1.38 V	144	110.3	2.9
3	*5865.00	103.0 AV			1.38 V	144	100.1	2.9
4	#5957.63	50.2 PK	88.2	-38.0	1.38 V	144	47.3	2.9
5	#5957.63	39.5 AV	68.2	-28.7	1.38 V	144	36.6	2.9
6	11730.00	47.9 PK	74.0	-26.1	1.82 V	307	36.4	11.5
7	11730.00	37.4 AV	54.0	-16.6	1.82 V	307	25.9	11.5
8	#17595.00	56.1 PK	88.2	-32.1	2.33 V	253	36.9	19.2
9	#17595.00	43.7 AV	68.2	-24.5	2.33 V	253	24.5	19.2

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.

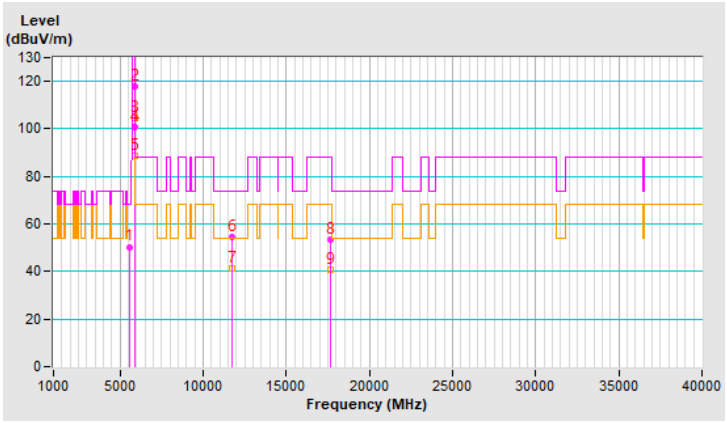


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5572.62	50.4 PK	68.2	-17.8	1.95 H	286	48.2	2.2
2	*5885.00	117.7 PK			1.95 H	286	114.8	2.9
3	*5885.00	104.4 AV			1.95 H	286	101.5	2.9
4	#5895.00	101.0 PK	110.2	-9.2	1.95 H	286	98.1	2.9
5	#5895.00	88.6 AV	90.2	-1.6	1.95 H	286	85.7	2.9
6	11770.00	54.6 PK	74.0	-19.4	1.64 H	236	43.1	11.5
7	11770.00	41.5 AV	54.0	-12.5	1.64 H	236	30.0	11.5
8	#17655.00	53.5 PK	88.2	-34.7	1.47 H	271	33.9	19.6
9	#17655.00	40.7 AV	68.2	-27.5	1.47 H	271	21.1	19.6

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.

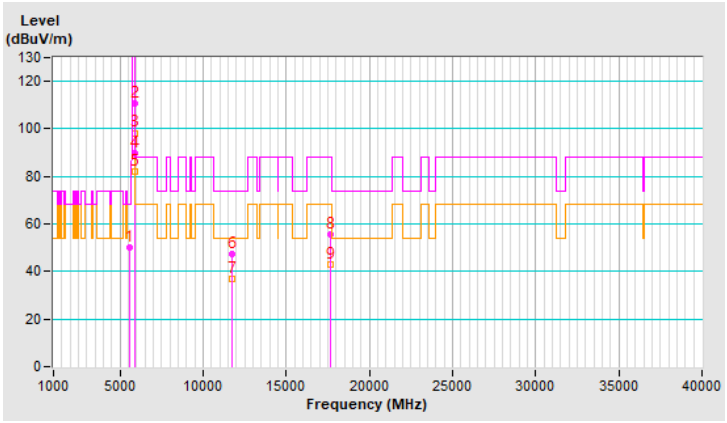


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5617.19	50.1 PK	68.2	-18.1	1.42 V	133	47.9	2.2
2	*5885.00	110.7 PK			1.42 V	133	107.8	2.9
3	*5885.00	98.3 AV			1.42 V	133	95.4	2.9
4	#5895.00	90.0 PK	110.2	-20.2	1.42 V	133	87.1	2.9
5	#5895.00	82.0 AV	90.2	-8.2	1.42 V	133	79.1	2.9
6	11770.00	47.6 PK	74.0	-26.4	1.86 V	289	36.1	11.5
7	11770.00	37.1 AV	54.0	-16.9	1.86 V	289	25.6	11.5
8	#17655.00	55.6 PK	88.2	-32.6	2.33 V	260	36.0	19.6
9	#17655.00	43.1 AV	68.2	-25.1	2.33 V	260	23.5	19.6

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.

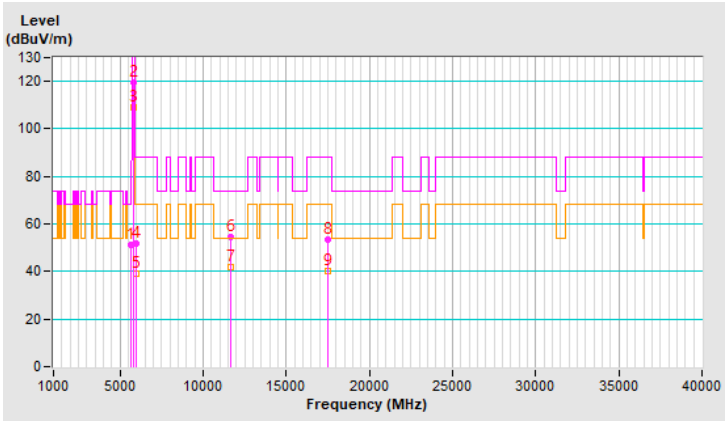


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5634.54	51.1 PK	68.2	-17.1	2.02 H	304	48.8	2.3
2	*5845.00	119.4 PK			2.02 H	304	116.6	2.8
3	*5845.00	109.0 AV			2.02 H	304	106.2	2.8
4	#6005.95	51.8 PK	88.2	-36.4	2.02 H	304	48.9	2.9
5	#6005.95	39.1 AV	68.2	-29.1	2.02 H	304	36.2	2.9
6	11690.00	54.7 PK	74.0	-19.3	1.67 H	264	43.0	11.7
7	11690.00	41.9 AV	54.0	-12.1	1.67 H	264	30.2	11.7
8	#17535.00	53.3 PK	88.2	-34.9	1.40 H	276	34.5	18.8
9	#17535.00	40.4 AV	68.2	-27.8	1.40 H	276	21.6	18.8

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.

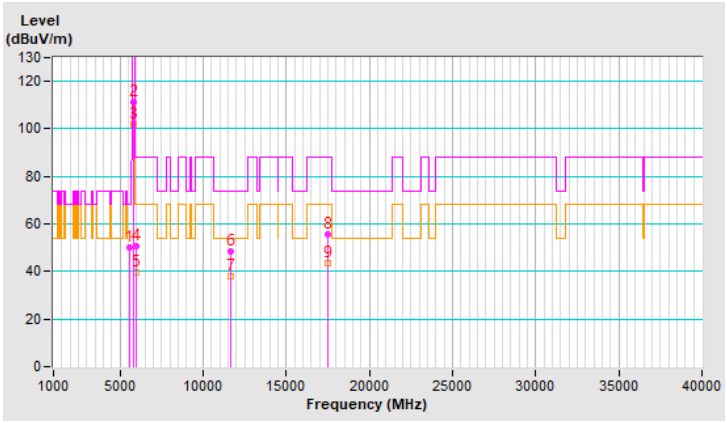


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5556.44	50.0 PK	68.2	-18.2	1.02 V	225	47.8	2.2
2	*5845.00	111.1 PK			1.02 V	225	108.3	2.8
3	*5845.00	101.7 AV			1.02 V	225	98.9	2.8
4	#5997.60	50.6 PK	88.2	-37.6	1.02 V	225	47.7	2.9
5	#5997.60	39.5 AV	68.2	-28.7	1.02 V	225	36.6	2.9
6	11690.00	48.7 PK	74.0	-25.3	1.90 V	287	37.0	11.7
7	11690.00	38.0 AV	54.0	-16.0	1.90 V	287	26.3	11.7
8	#17535.00	55.8 PK	88.2	-32.4	2.25 V	255	37.0	18.8
9	#17535.00	43.4 AV	68.2	-24.8	2.25 V	255	24.6	18.8

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.

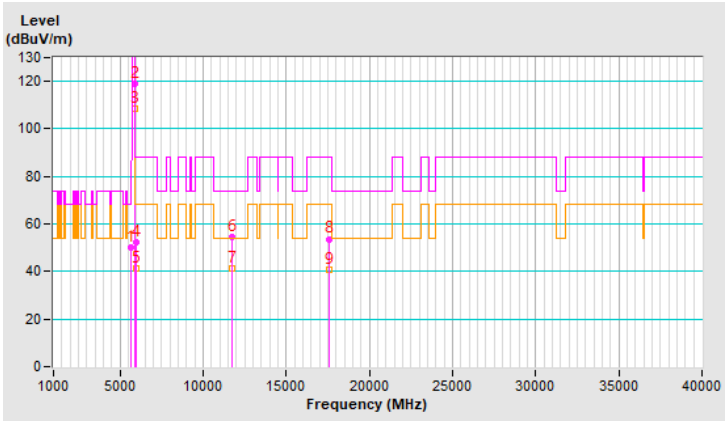


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5620.02	50.3 PK	68.2	-17.9	1.90 H	278	48.1	2.2
2	*5865.00	119.2 PK			1.90 H	278	116.3	2.9
3	*5865.00	108.6 AV			1.90 H	278	105.7	2.9
4	#5947.73	52.1 PK	88.2	-36.1	1.90 H	278	49.2	2.9
5	#5947.73	41.4 AV	68.2	-26.8	1.90 H	278	38.5	2.9
6	11730.00	54.6 PK	74.0	-19.4	1.64 H	254	43.1	11.5
7	11730.00	41.4 AV	54.0	-12.6	1.64 H	254	29.9	11.5
8	#17595.00	53.7 PK	88.2	-34.5	1.42 H	283	34.5	19.2
9	#17595.00	40.9 AV	68.2	-27.3	1.42 H	283	21.7	19.2

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.

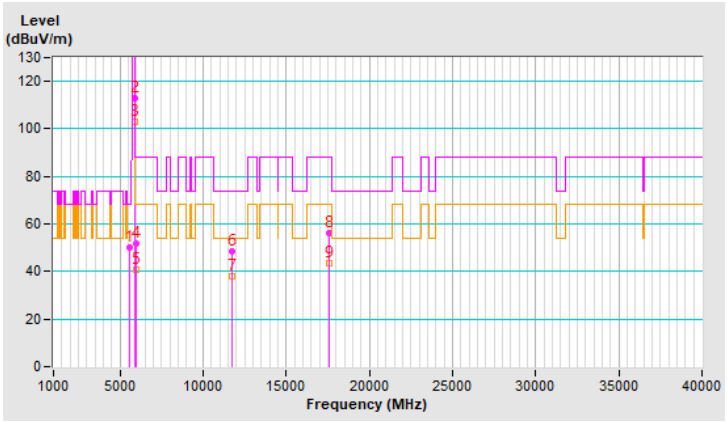


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5579.14	49.9 PK	68.2	-18.3	1.03 V	206	47.7	2.2
2	*5865.00	112.8 PK			1.03 V	206	109.9	2.9
3	*5865.00	102.9 AV			1.03 V	206	100.0	2.9
4	#5972.55	51.6 PK	88.2	-36.6	1.03 V	206	48.7	2.9
5	#5972.55	40.5 AV	68.2	-27.7	1.03 V	206	37.6	2.9
6	11730.00	48.3 PK	74.0	-25.7	1.80 V	294	36.8	11.5
7	11730.00	37.9 AV	54.0	-16.1	1.80 V	294	26.4	11.5
8	#17595.00	56.4 PK	88.2	-31.8	2.36 V	271	37.2	19.2
9	#17595.00	43.6 AV	68.2	-24.6	2.36 V	271	24.4	19.2

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.

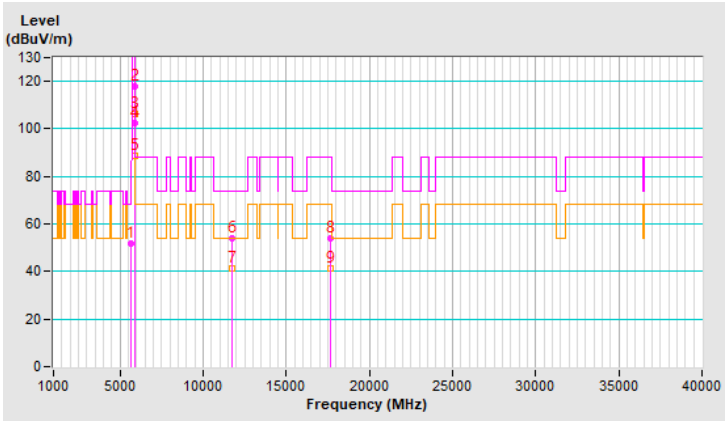


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	Channel	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	23°C, 68% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5625.07	51.6 PK	68.2	-16.6	1.91 H	283	49.3	2.3
2	*5885.00	117.9 PK			1.91 H	283	115.0	2.9
3	*5885.00	106.1 AV			1.91 H	283	103.2	2.9
4	#5895.00	102.5 PK	110.2	-7.7	1.91 H	283	99.6	2.9
5	#5895.00	88.5 AV	90.2	-1.7	1.91 H	283	85.6	2.9
6	11770.00	54.2 PK	74.0	-19.8	1.67 H	234	42.7	11.5
7	11770.00	41.3 AV	54.0	-12.7	1.67 H	234	29.8	11.5
8	#17655.00	54.2 PK	88.2	-34.0	1.46 H	282	34.6	19.6
9	#17655.00	41.2 AV	68.2	-27.0	1.46 H	282	21.6	19.6

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.

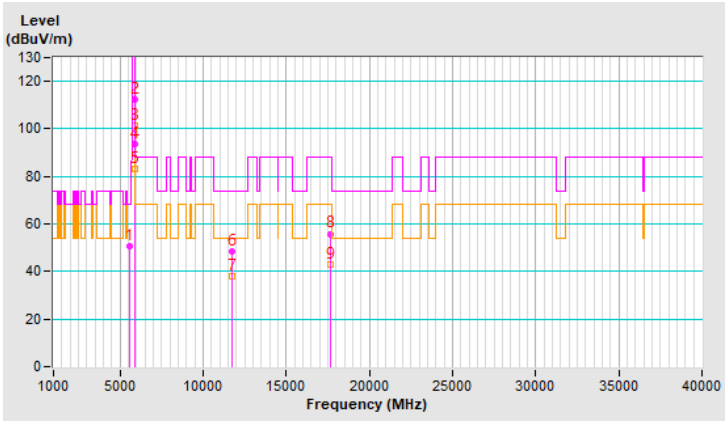


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5555.74	50.5 PK	68.2	-17.7	1.00 V	205	48.3	2.2
2	*5885.00	112.4 PK			1.00 V	205	109.5	2.9
3	*5885.00	101.2 AV			1.00 V	205	98.3	2.9
4	#5895.00	93.8 PK	110.2	-16.4	1.00 V	205	90.9	2.9
5	#5895.00	83.1 AV	90.2	-7.1	1.00 V	205	80.2	2.9
6	11770.00	48.5 PK	74.0	-25.5	1.86 V	282	37.0	11.5
7	11770.00	37.8 AV	54.0	-16.2	1.86 V	282	26.3	11.5
8	#17655.00	55.9 PK	88.2	-32.3	2.37 V	260	36.3	19.6
9	#17655.00	43.1 AV	68.2	-25.1	2.37 V	260	23.5	19.6

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.

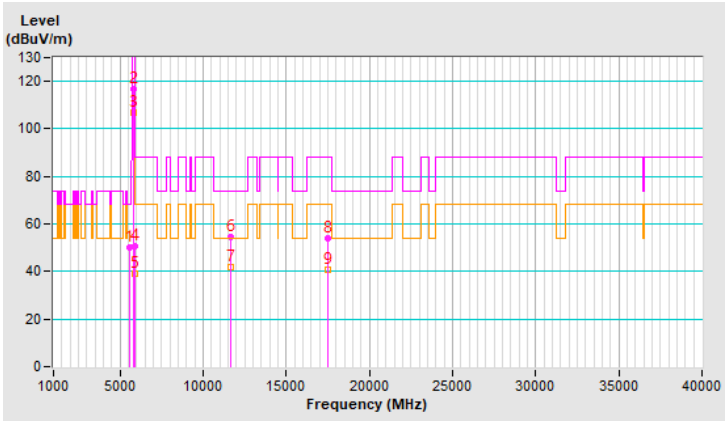


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5615.16	50.2 PK	68.2	-18.0	1.98 H	301	48.0	2.2
2	*5845.00	116.6 PK			1.98 H	301	113.8	2.8
3	*5845.00	106.6 AV			1.98 H	301	103.8	2.8
4	#5925.00	50.8 PK	88.2	-37.4	1.98 H	301	47.9	2.9
5	#5925.00	39.2 AV	68.2	-29.0	1.98 H	301	36.3	2.9
6	11690.00	54.5 PK	74.0	-19.5	1.68 H	244	42.8	11.7
7	11690.00	41.6 AV	54.0	-12.4	1.68 H	244	29.9	11.7
8	#17535.00	53.8 PK	88.2	-34.4	1.40 H	272	35.0	18.8
9	#17535.00	40.8 AV	68.2	-27.4	1.40 H	272	22.0	18.8

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.

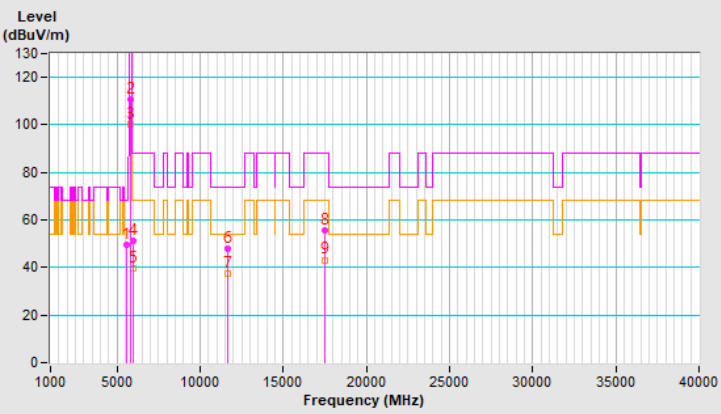


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 169：5845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5562.39	49.7 PK	68.2	-18.5	1.05 V	155	47.5	2.2
2	*5845.00	110.5 PK			1.05 V	155	107.7	2.8
3	*5845.00	100.0 AV			1.05 V	155	97.2	2.8
4	#5949.53	51.3 PK	88.2	-36.9	1.05 V	155	48.4	2.9
5	#5949.53	39.5 AV	68.2	-28.7	1.05 V	155	36.6	2.9
6	11690.00	48.0 PK	74.0	-26.0	1.79 V	290	36.3	11.7
7	11690.00	37.3 AV	54.0	-16.7	1.79 V	290	25.6	11.7
8	#17535.00	55.8 PK	88.2	-32.4	2.28 V	272	37.0	18.8
9	#17535.00	43.2 AV	68.2	-25.0	2.28 V	272	24.4	18.8

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.

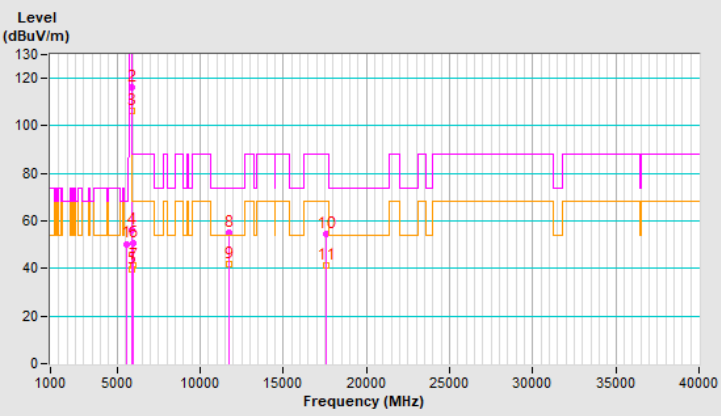


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5577.82	50.4 PK	68.2	-17.8	1.89 H	289	48.2	2.2
2	*5865.00	116.4 PK			1.89 H	289	113.5	2.9
3	*5865.00	106.5 AV			1.89 H	289	103.6	2.9
4	#5926.21	56.2 PK	88.2	-32.0	1.89 H	289	53.3	2.9
5	#5926.21	39.7 AV	68.2	-28.5	1.89 H	289	36.8	2.9
6	#5947.00	50.8 PK	88.2	-37.4	1.89 H	289	47.9	2.9
7	#5947.00	41.1 AV	68.2	-27.1	1.89 H	289	38.2	2.9
8	11730.00	55.0 PK	74.0	-19.0	1.62 H	254	43.5	11.5
9	11730.00	41.9 AV	54.0	-12.1	1.62 H	254	30.4	11.5
10	#17595.00	54.3 PK	88.2	-33.9	1.41 H	266	35.1	19.2
11	#17595.00	41.2 AV	68.2	-27.0	1.41 H	266	22.0	19.2

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.

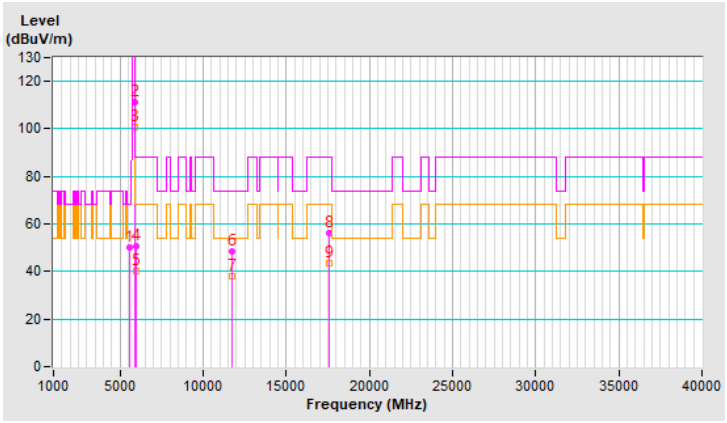


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 173：5865 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5605.55	50.3 PK	68.2	-17.9	1.02 V	205	48.1	2.2
2	*5865.00	111.3 PK			1.02 V	205	108.4	2.9
3	*5865.00	101.0 AV			1.02 V	205	98.1	2.9
4	#5942.23	50.8 PK	88.2	-37.4	1.02 V	205	47.9	2.9
5	#5942.23	40.1 AV	68.2	-28.1	1.02 V	205	37.2	2.9
6	11730.00	48.2 PK	74.0	-25.8	1.80 V	282	36.7	11.5
7	11730.00	37.8 AV	54.0	-16.2	1.80 V	282	26.3	11.5
8	#17595.00	56.2 PK	88.2	-32.0	2.28 V	263	37.0	19.2
9	#17595.00	43.5 AV	68.2	-24.7	2.28 V	263	24.3	19.2

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.

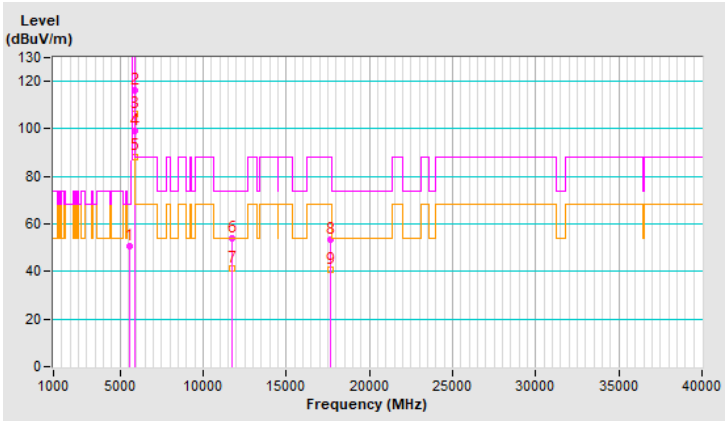


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5578.58	50.6 PK	68.2	-17.6	1.88 H	281	48.4	2.2
2	*5885.00	116.2 PK			1.88 H	281	113.3	2.9
3	*5885.00	106.4 AV			1.88 H	281	103.5	2.9
4	#5895.00	99.1 PK	110.2	-11.1	1.88 H	281	96.2	2.9
5	#5895.00	88.4 AV	90.2	-1.8	1.88 H	281	85.5	2.9
6	11770.00	54.0 PK	74.0	-20.0	1.62 H	239	42.5	11.5
7	11770.00	41.1 AV	54.0	-12.9	1.62 H	239	29.6	11.5
8	#17655.00	53.6 PK	88.2	-34.6	1.44 H	291	34.0	19.6
9	#17655.00	40.6 AV	68.2	-27.6	1.44 H	291	21.0	19.6

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.

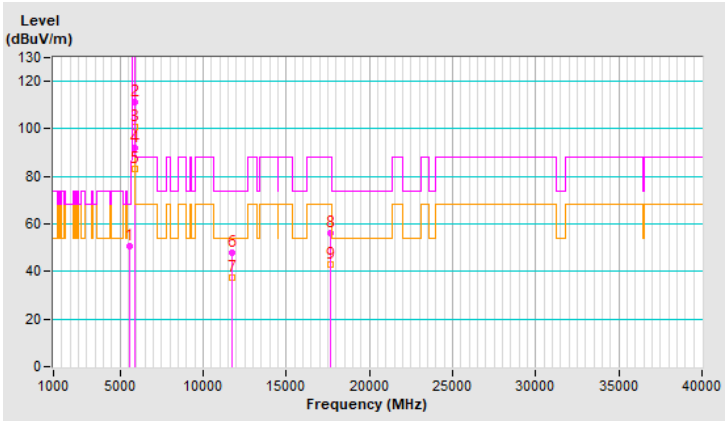


RF Mode	TX 20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 177：5885 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	23°C, 68% RH
Tested By	Sampson Chen		

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	#5561.97	50.7 PK	68.2	-17.5	1.04 V	207	48.5	2.2
2	*5885.00	111.2 PK			1.04 V	207	108.3	2.9
3	*5885.00	100.9 AV			1.04 V	207	98.0	2.9
4	#5895.00	92.0 PK	110.2	-18.2	1.04 V	207	89.1	2.9
5	#5895.00	83.4 AV	90.2	-6.8	1.04 V	207	80.5	2.9
6	11770.00	47.7 PK	74.0	-26.3	1.85 V	309	36.2	11.5
7	11770.00	37.3 AV	54.0	-16.7	1.85 V	309	25.8	11.5
8	#17655.00	56.0 PK	88.2	-32.2	2.26 V	250	36.4	19.6
9	#17655.00	43.1 AV	68.2	-25.1	2.26 V	250	23.5	19.6

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.



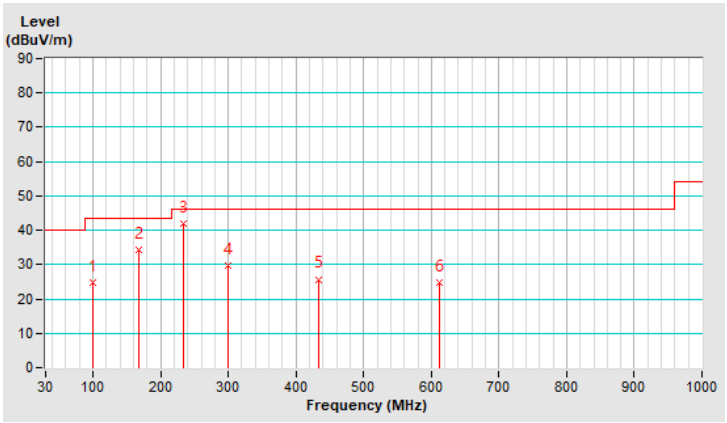
Below 1GHz Data:

RF Mode	TX 802.11a	Channel	CH 169：5845 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

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	100.26	24.6 QP	43.5	-18.9	3.00 H	92	41.9	-17.3
2	167.47	34.3 QP	43.5	-9.2	2.00 H	296	47.4	-13.1
3	234.59	41.9 QP	46.0	-4.1	1.50 H	96	56.7	-14.8
4	299.25	29.8 QP	46.0	-16.2	1.00 H	148	42.1	-12.3
5	433.92	25.7 QP	46.0	-20.3	3.00 H	80	34.3	-8.6
6	612.94	24.6 QP	46.0	-21.4	3.00 H	145	29.5	-4.9

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 of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

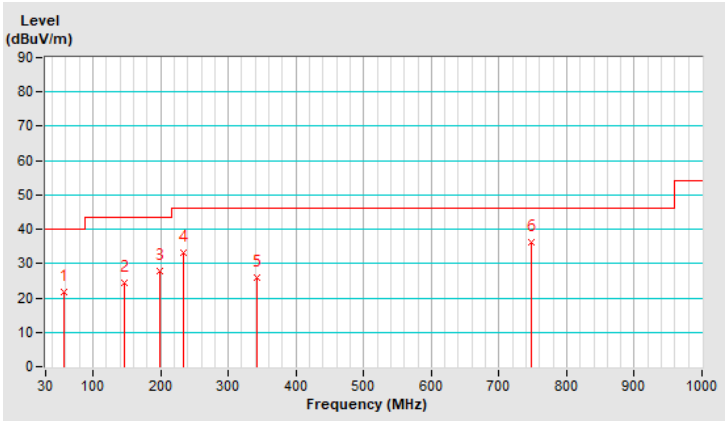


RF Mode	TX 802.11a	Channel	CH 169：5845 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

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	57.44	21.7 QP	40.0	-18.3	1.50 V	313	34.9	-13.2
2	146.93	24.4 QP	43.5	-19.1	1.00 V	115	37.0	-12.6
3	198.80	27.7 QP	43.5	-15.8	1.50 V	231	43.8	-16.1
4	232.98	33.1 QP	46.0	-12.9	2.00 V	46	48.2	-15.1
5	341.77	26.0 QP	46.0	-20.0	1.50 V	178	37.2	-11.2
6	747.67	36.1 QP	46.0	-9.9	3.00 V	298	38.9	-2.8

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 of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

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

Note: 1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
TEST RECEIVER R&S	ESCS 30	847124/029	2021/10/13	2022/10/12
LISN R&S	ESH3-Z5	848773/004	2021/10/29	2022/10/28
50 ohms Terminator NA	50	3	2021/10/27	2022/10/26
RF Coaxial Cable JYEBO	5D-FB	COCCAB-001	2021/9/25	2022/9/24
Fixed attenuator STI	STI02-2200-10	005	2021/8/27	2022/8/26
Software BVADT	BVADT_Cond_V7.3.7.4	NA	NA	NA

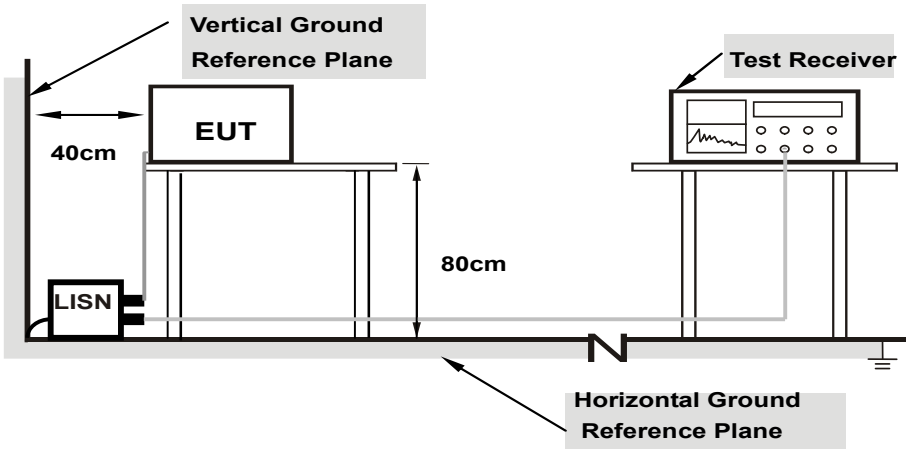
Note: 1. The test was performed in Conduction 1.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. Tested Date: 2022/6/11

4.2.3 Test Procedure

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

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

4.2.4 Test Setup



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

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

4.2.5 EUT Operating Condition

Same as 4.1.5.

4.2.6 Test Results

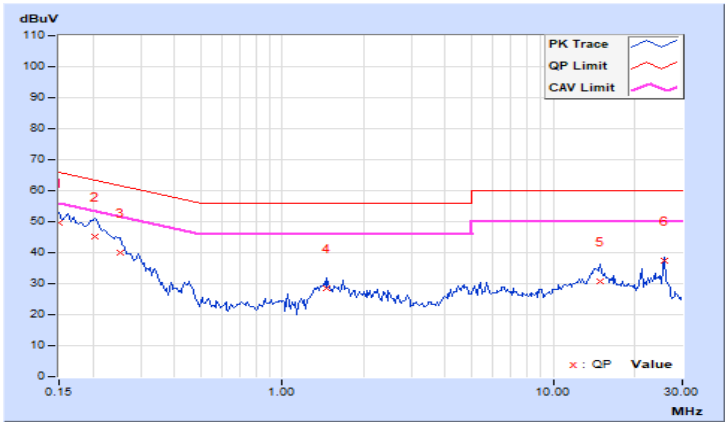
PIFA Antenna

RF Mode	TX 802.11ax (HE40)	**Channel**	CH 167：5835 MHz
Frequency Range	150 kHz ~ 30 MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120Vac, 60Hz	**Environmental Conditions**	22°C, 64% RH
Tested By	Samposn Chen		

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	10.05	39.67	21.32	49.72	31.37	66.00	56.00	-16.28	-24.63
2	0.20469	10.05	35.24	19.36	45.29	29.41	63.42	53.42	-18.13	-24.01
3	0.25156	10.06	29.88	15.08	39.94	25.14	61.71	51.71	-21.77	-26.57
4	1.46484	10.13	18.26	11.56	28.39	21.69	56.00	46.00	-27.61	-24.31
5	14.94141	10.92	19.76	13.68	30.68	24.60	60.00	50.00	-29.32	-25.40
6	25.87500	11.31	26.14	24.81	37.45	36.12	60.00	50.00	-22.55	-13.88

Remarks:

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

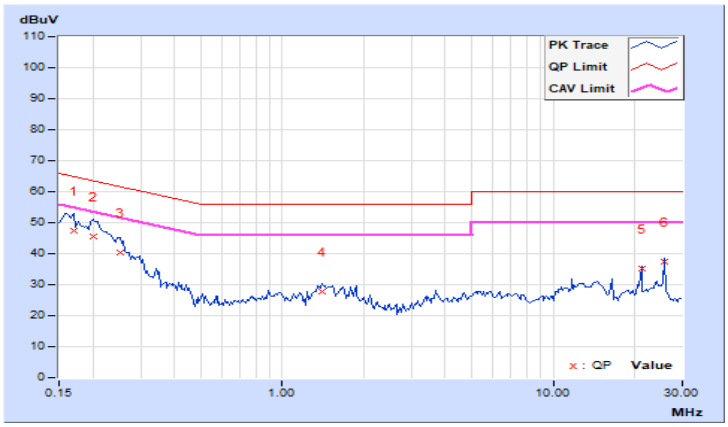


RF Mode	TX 802.11ax (HE40)	Channel	CH 167：5835 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120Vac, 60Hz	Environmental Conditions	22°C, 64% RH
Tested By	Samposn Chen		

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	0.16953	10.02	37.53	21.46	47.55	31.48	64.98	54.98	-17.43	-23.50
2	0.20078	10.03	35.46	20.26	45.49	30.29	63.58	53.58	-18.09	-23.29
3	0.25156	10.03	30.34	15.18	40.37	25.21	61.71	51.71	-21.34	-26.50
4	1.40625	10.10	17.68	10.54	27.78	20.64	56.00	46.00	-28.22	-25.36
5	21.16797	10.96	24.33	23.72	35.29	34.68	60.00	50.00	-24.71	-15.32
6	**25.87500**	**10.98**	**26.54**	**25.94**	**37.52**	**36.92**	**60.00**	**50.00**	**-22.48**	**-13.08**

Remarks:

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



4.3 Transmit Power Measurement

4.3.1 Limits of Transmit Power Measurement

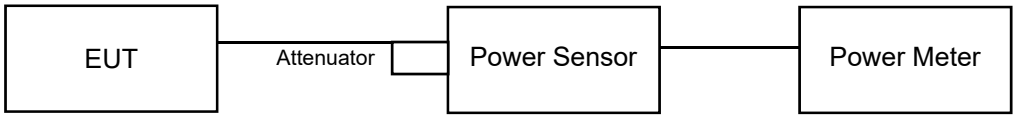
Device Category		Limit (Max Average Power)
☐	Indoor access point	EIRP 36 dBm
☐	Subordinate device	EIRP 36 dBm
☒	Client device	EIRP 30 dBm
Note: For all U-NII-4 and U-NII-3 & -4 span channels shall met above EIRP values.		

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

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

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

4.3.2 Test Setup



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

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

4.3.5 EUT Operating Condition

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

4.3.6 Test Result (Mode 1)

CDD Mode

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
169	5845	17.85	17.76	120.657	20.82	5.00	381.944	25.82	30	Pass
173	5865	17.95	17.71	121.394	20.84	5.00	383.707	25.84	30	Pass
177	5885	17.94	17.70	121.114	20.83	5.00	382.825	25.83	30	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
169	5845	18.72	18.64	147.587	21.69	5.00	466.659	26.69	30	Pass
173	5865	18.56	18.64	144.893	21.61	5.00	458.142	26.61	30	Pass
177	5885	18.66	18.55	145.066	21.62	5.00	459.198	26.62	30	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
167	5835	21.16	21.18	261.837	24.18	5.00	827.942	29.18	30	Pass
175	5875	21.27	21.05	261.318	24.17	5.00	826.038	29.17	30	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
171	5855	19.40	19.71	180.637	22.57	5.00	571.479	27.57	30	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
169	5845	18.96	18.87	155.795	21.93	5.00	493.174	26.93	30	Pass
173	5865	18.82	18.85	152.944	21.85	5.00	484.172	26.85	30	Pass
177	5885	18.87	18.76	152.253	21.83	5.00	481.948	26.83	30	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
167	5835	21.41	21.45	277.993	24.44	5.00	879.023	29.44	30	Pass
175	5875	21.48	21.32	276.124	24.41	5.00	872.971	29.41	30	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
171	5855	19.67	19.96	191.766	22.83	5.00	606.736	27.83	30	Pass

802.11ax (RU26)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
169	5845	5.66	5.62	7.329	8.65	5.00	23.174	13.65	30	Pass
173	5865	6.37	6.26	8.562	9.33	5.00	27.102	14.33	30	Pass
177	5885	5.75	5.45	7.266	8.61	5.00	22.961	13.61	30	Pass

802.11ax (RU52)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
169	5845	9.14	7.92	14.398	11.58	5.00	45.499	16.58	30	Pass
173	5865	9.12	8.28	14.896	11.73	5.00	47.098	16.73	30	Pass
177	5885	8.38	7.67	12.734	11.05	5.00	40.272	16.05	30	Pass

802.11ax (RU106)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
169	5845	11.35	11.19	26.798	14.28	5.00	84.723	19.28	30	Pass
173	5865	11.21	11.16	26.275	14.20	5.00	83.176	19.2	30	Pass
177	5885	11.52	11.29	27.649	14.42	5.00	87.498	19.42	30	Pass

Beamforming Mode

Directional Gain Calculation
The directional gain = 5 dBi + 10log(2) = 8.01 dBi The highest directional gain used for EIRP calculation.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
169	5845	18.72	18.64	147.587	21.69	8.01	933.254	29.7	30	Pass
173	5865	18.56	18.64	144.893	21.61	8.01	916.22	29.62	30	Pass
177	5885	18.66	18.55	145.066	21.62	8.01	918.333	29.63	30	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
167	5835	18.64	18.74	147.931	21.70	8.01	935.406	29.71	30	Pass
175	5875	18.47	18.85	147.043	21.67	8.01	928.966	29.68	30	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
171	5855	18.49	18.58	142.743	21.55	8.01	903.649	29.56	30	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
169	5845	18.96	18.87	155.795	21.93	8.01	986.279	29.94	30	Pass
173	5865	18.82	18.85	152.944	21.85	8.01	968.278	29.86	30	Pass
177	5885	18.87	18.76	152.253	21.83	8.01	963.829	29.84	30	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
167	5835	18.84	18.99	155.81	21.93	8.01	986.279	29.94	30	Pass
175	5875	18.71	19.10	155.585	21.92	8.01	984.011	29.93	30	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
171	5855	18.72	18.83	150.857	21.79	8.01	954.993	29.8	30	Pass

4.3.7 Test Result (Mode 2)

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
169	5845	176.604	22.47	5.00	558.47	27.47	30	Pass
173	5865	173.38	22.39	5.00	548.277	27.39	30	Pass
177	5885	174.985	22.43	5.00	553.35	27.43	30	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
169	5845	163.305	22.13	5.00	516.416	27.13	30	Pass
173	5865	166.341	22.21	5.00	526.017	27.21	30	Pass
177	5885	167.88	22.25	5.00	530.884	27.25	30	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
167	5835	131.522	21.19	5.00	415.911	26.19	30	Pass
175	5875	130.918	21.17	5.00	414	26.17	30	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
171	5855	117.49	20.70	5.00	371.535	25.7	30	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
169	5845	171.002	22.33	5.00	540.754	27.33	30	Pass
173	5865	174.582	22.42	5.00	552.077	27.42	30	Pass
177	5885	176.604	22.47	5.00	558.47	27.47	30	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
167	5835	140.281	21.47	5.00	443.609	26.47	30	Pass
175	5875	139.316	21.44	5.00	440.555	26.44	30	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
171	5855	125.314	20.98	5.00	396.278	25.98	30	Pass

802.11ax (RU26)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
169	5845	16.482	12.17	5.00	52.119	17.17	30	Pass
173	5865	17.022	12.31	5.00	53.827	17.31	30	Pass
177	5885	15.996	12.04	5.00	50.582	17.04	30	Pass

802.11ax (RU52)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
169	5845	28.379	14.53	5.00	89.743	19.53	30	Pass
173	5865	30.974	14.91	5.00	97.949	19.91	30	Pass
177	5885	28.973	14.62	5.00	91.622	19.62	30	Pass

802.11ax (RU106)

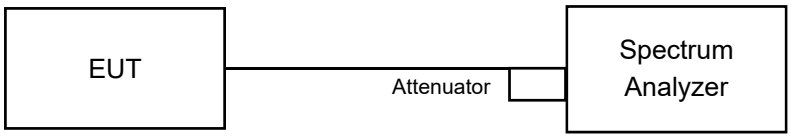
Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
169	5845	54.2	17.34	5.00	171.396	22.34	30	Pass
173	5865	57.148	17.57	5.00	180.717	22.57	30	Pass
177	5885	55.976	17.48	5.00	177.011	22.48	30	Pass

4.4 6dB Bandwidth Measurement

4.4.1 Limits of Emission Bandwidth Measurement

Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

4.4.2 Test Setup



4.4.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.4 Test Procedure

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

4.4.5 EUT Operating Condition

Same as Item 4.3.5.

4.4.6 Test Results (Mode 1)

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
169	5845	15.10	15.10	0.5	Pass
173	5865	15.09	15.10	0.5	Pass
177	5885	15.08	15.09	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
169	5845	15.09	15.11	0.5	Pass
173	5865	15.08	15.12	0.5	Pass
177	5885	15.09	15.12	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
167	5835	30.17	30.16	0.5	Pass
175	5875	30.16	30.17	0.5	Pass

802.11ax (HE80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
171	5855	75.17	75.17	0.5	Pass

802.11ax (RU26)

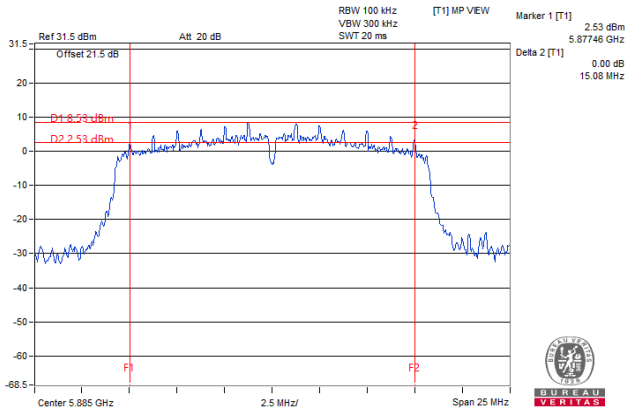
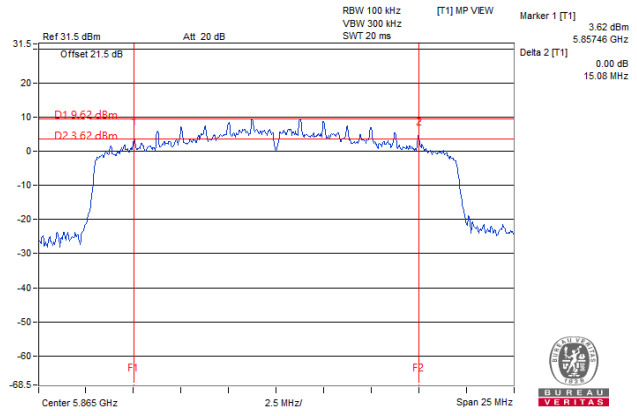
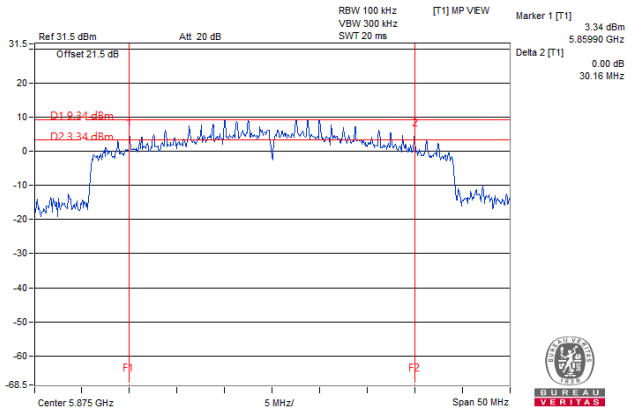
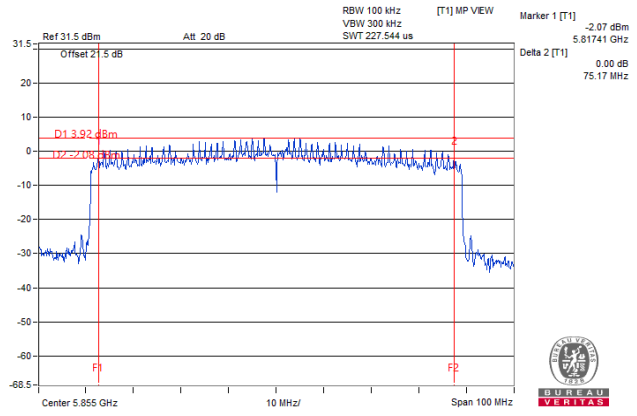
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
169	5845	14.49	14.50	0.5	Pass
173	5865	2.64	2.65	0.5	Pass
177	5885	15.71	14.48	0.5	Pass

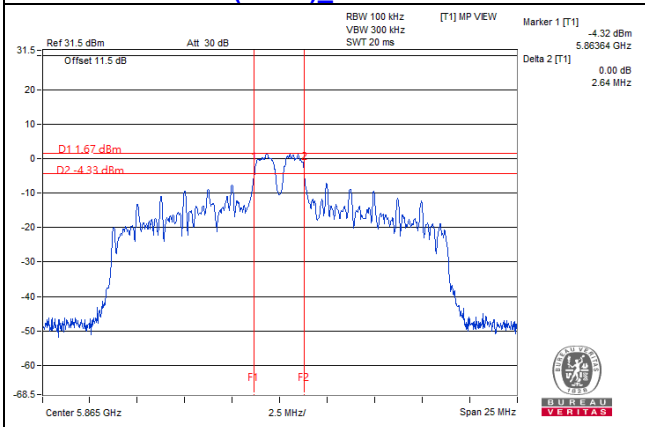
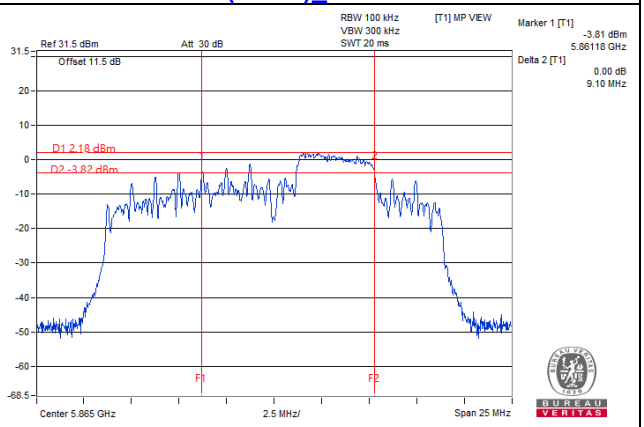
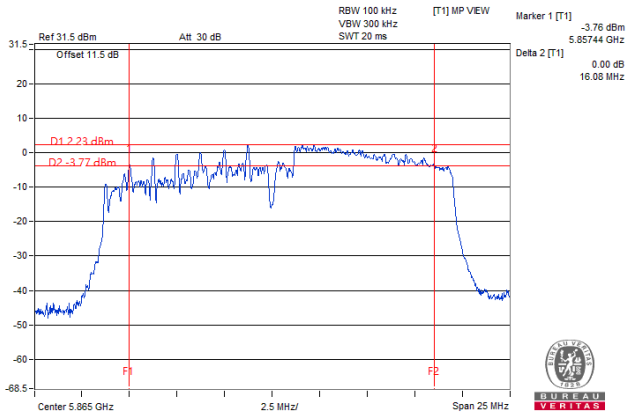
802.11ax (RU52)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
169	5845	16.90	16.89	0.5	Pass
173	5865	9.10	9.11	0.5	Pass
177	5885	15.72	15.74	0.5	Pass

802.11ax (RU106)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
169	5845	16.30	16.31	0.5	Pass
173	5865	16.08	16.09	0.5	Pass
177	5885	16.81	16.84	0.5	Pass

Spectrum Plot of Worst Value	
802.11a_Chain 0 / CH177	**802.11ax (HE20)_Chain 0 / CH173**
	
802.11ax (HE40)_Chain 0 / CH175	**802.11ax (HE80)_Chain 0 / CH171**
	

Spectrum Plot of Worst Value	
802.11ax (RU26)_Chain 0 / CH173	**802.11ax (RU52)_Chain 0 / CH173**
	
802.11ax (RU106)_Chain 0 / CH173	
	

4.4.7 Test Results (Mode 2)

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
169	5845	15.13	0.5	Pass
173	5865	15.12	0.5	Pass
177	5885	15.13	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
169	5845	15.12	0.5	Pass
173	5865	15.12	0.5	Pass
177	5885	15.12	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
167	5835	30.16	0.5	Pass
175	5875	31.38	0.5	Pass

802.11ax (HE80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
171	5855	75.13	0.5	Pass

802.11ax (RU26)

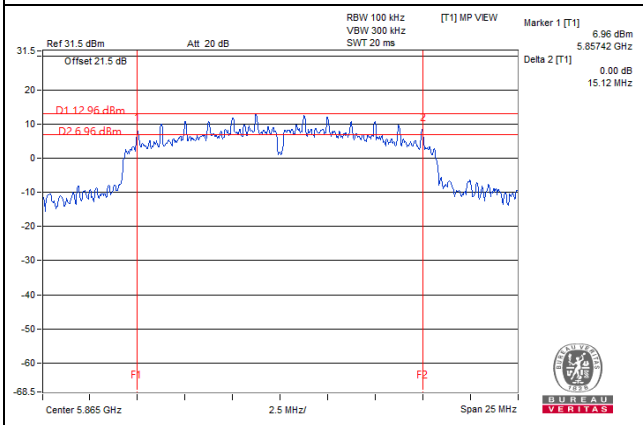
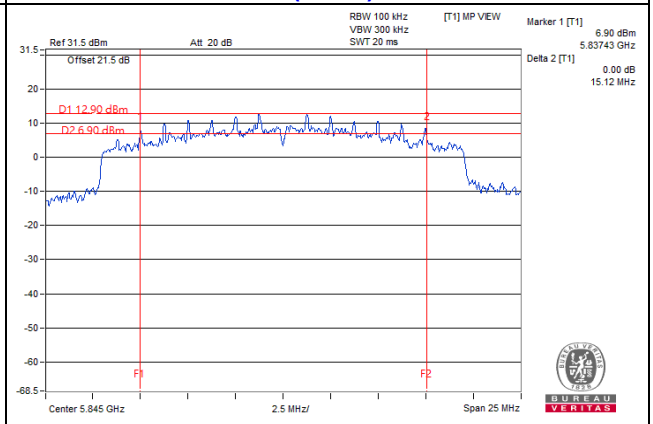
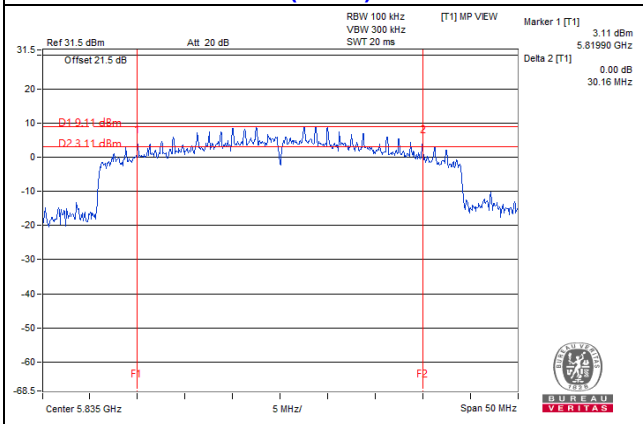
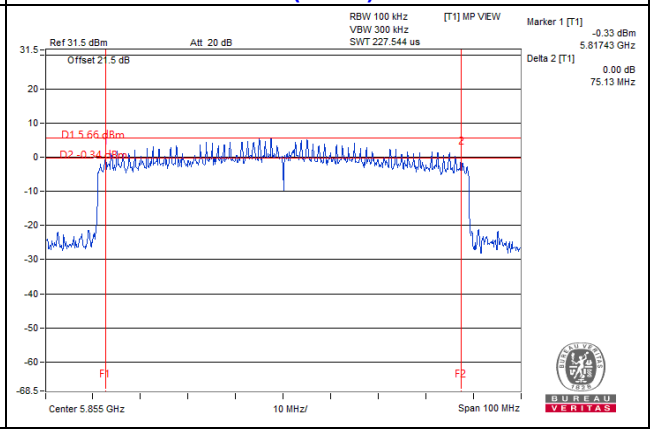
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
169	5845	14.49	0.5	Pass
173	5865	2.65	0.5	Pass
177	5885	14.49	0.5	Pass

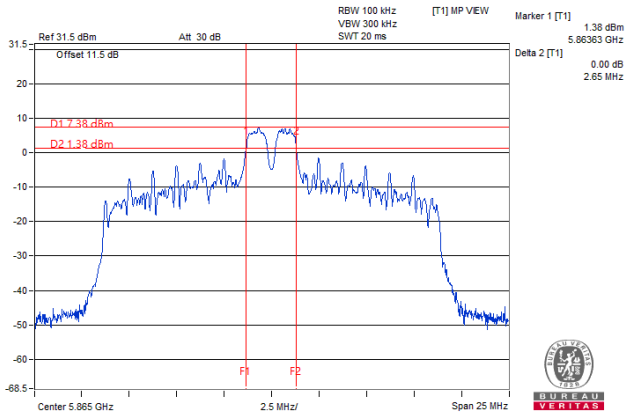
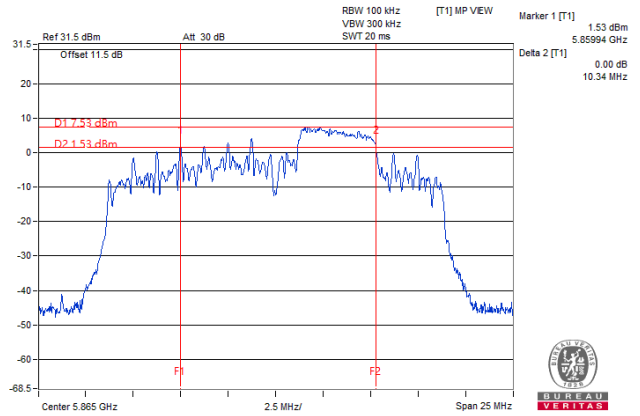
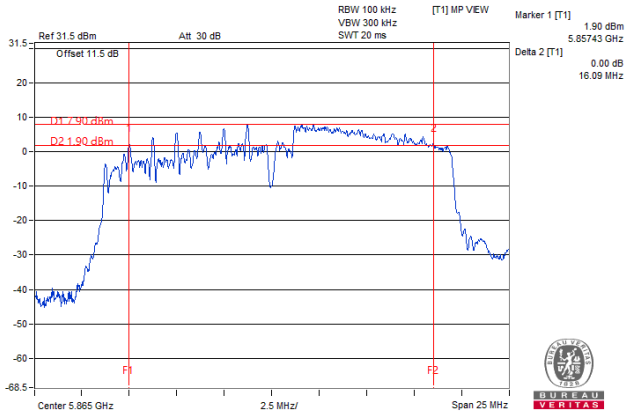
802.11ax (RU52)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
169	5845	15.68	0.5	Pass
173	5865	10.34	0.5	Pass
177	5885	15.74	0.5	Pass

802.11ax (RU106)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
169	5845	16.31	0.5	Pass
173	5865	16.09	0.5	Pass
177	5885	16.82	0.5	Pass

Spectrum Plot of Worst Value	
802.11a / CH173	**802.11ax (HE20) / CH169**
	
802.11ax (HE40) / CH167	**802.11ax (HE80) / CH171**
	

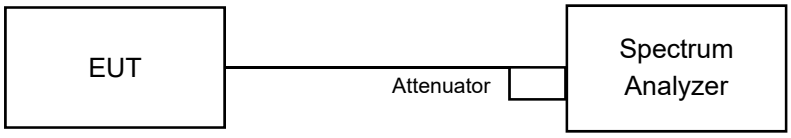
Spectrum Plot of Worst Value	
802.11ax (RU26) / CH173	**802.11ax (RU52) / CH173**
	
802.11ax (RU106) / CH173	
	

4.5 Peak Power Spectral Density Measurement

4.5.1 Limits of Peak Power Spectral Density Measurement

Device Category		Limit
☐	Indoor access point	EIRP 20 dBm/MHz
☐	Subordinate device	EIRP 20 dBm/MHz
☒	Client device	EIRP 14 dBm/MHz
Note: For all U-NII-4 and U-NII-3 & -4 span channels shall met above EIRP values.		

4.5.2 Test Setup



4.5.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.5.4 Test Procedure

Method SA-1

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 300 kHz, Set VBW ≥ 1 MHz, Detector = RMS
3. Sweep time = auto, trigger set to “free run”.
4. Trace average at least 100 traces in power averaging mode.
5. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
6. Scale the observed power level to an equivalent value in 1 MHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where BWCF = 10 log(1 MHz/300 kHz) = 5.23 dB
7. Record the max value.

4.5.5 EUT Operating Condition

Same as Item 4.3.5.

4.5.6 Test Results (Mode 1)

Directional Gain Calculation
The directional gain = 5 dBi + 10log(2) = 8.01 dBi The highest directional gain used for EIRP calculation.

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
169	5845	-2.43	-2.60	0.5	5.73	8.01	13.74	14	Pass
173	5865	-2.50	-2.53	0.5	5.73	8.01	13.74	14	Pass
177	5885	-2.27	-2.49	0.63	5.86	8.01	13.87	14	Pass

Note: Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
169	5845	-2.47	-2.46	0.55	5.78	8.01	13.79	14	Pass
173	5865	-2.51	-2.39	0.56	5.79	8.01	13.8	14	Pass
177	5885	-2.57	-2.46	0.5	5.73	8.01	13.74	14	Pass

Note: Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
167	5835	-2.72	-2.19	0.56	5.79	8.01	13.8	14	Pass
175	5875	-2.82	-2.45	0.38	5.61	8.01	13.62	14	Pass

Note: Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
171	5855	-8.57	-7.88	-5.2	0.03	8.01	8.04	14	Pass

Note: Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

802.11ax (RU26)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
169	5845	-2.88	-2.29	0.44	5.67	8.01	13.68	14	Pass
173	5865	-2.75	-2.32	0.48	5.71	8.01	13.72	14	Pass
177	5885	-2.64	-2.35	0.52	5.75	8.01	13.76	14	Pass

Note: Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

802.11ax (RU52)

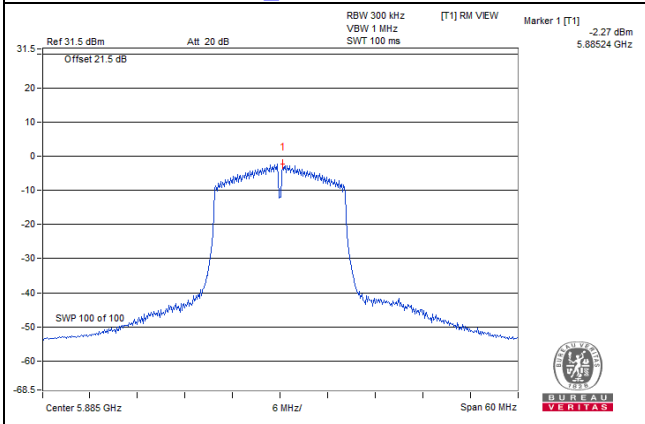
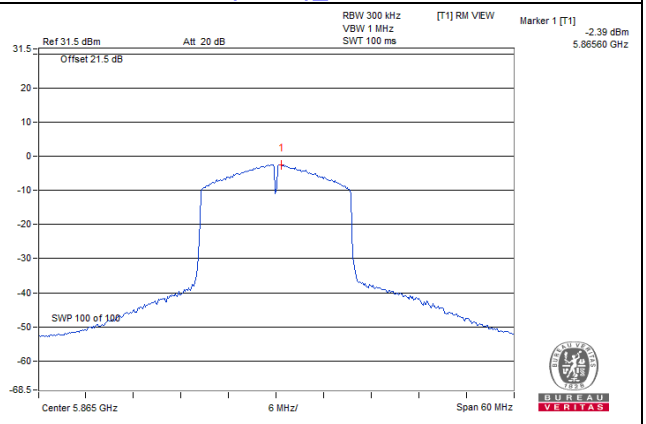
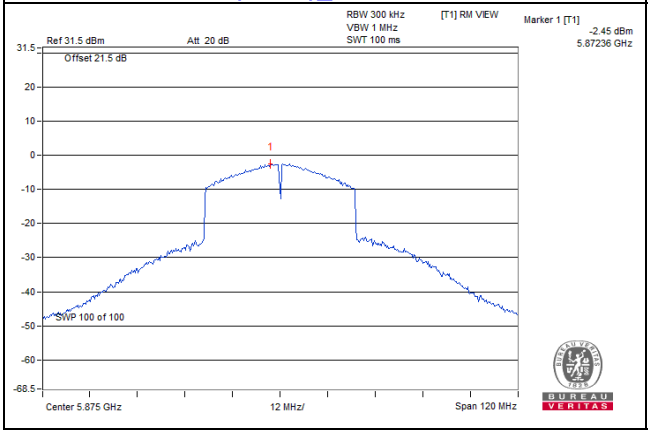
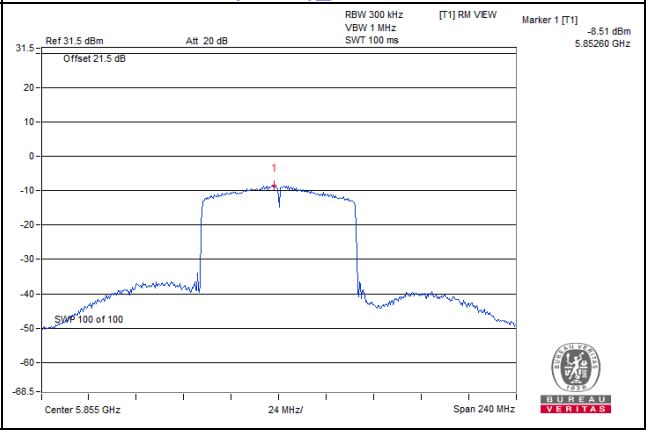
Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
169	5845	-2.38	-3.48	0.12	5.35	8.01	13.36	14	Pass
173	5865	-2.25	-2.96	0.42	5.65	8.01	13.66	14	Pass
177	5885	-2.33	-3.33	0.21	5.44	8.01	13.45	14	Pass

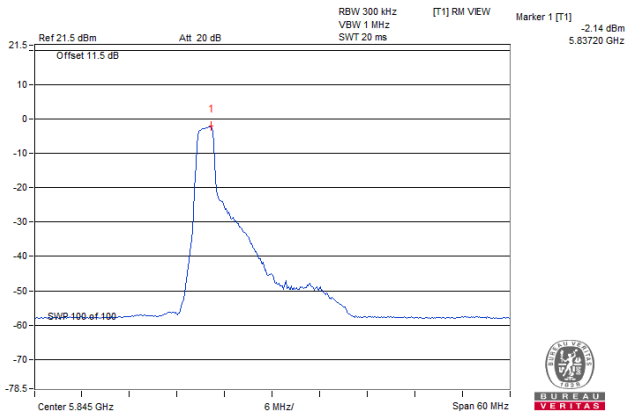
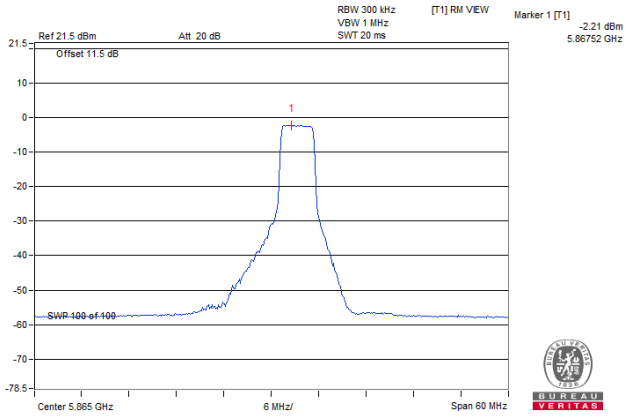
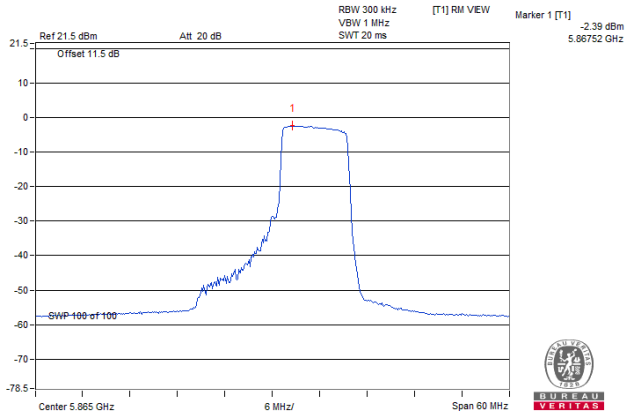
Note: Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

802.11ax (RU106)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
169	5845	-2.52	-2.54	0.48	5.71	8.01	13.72	14	Pass
173	5865	-2.39	-2.57	0.53	5.76	8.01	13.77	14	Pass
177	5885	-2.46	-2.63	0.47	5.70	8.01	13.71	14	Pass

Note: Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

Spectrum Plot of Worst Value	
802.11a_Chain 0 / CH177	**802.11ax (HE20)_Chain 1 / CH173**
	
802.11ax (HE40)_Chain 1 / CH175	**802.11ax (HE80)_Chain 0 / CH171**
	

Spectrum Plot of Worst Value	
802.11ax (RU26)_Chain 1 / CH169	**802.11ax (RU52)_Chain 0 / CH173**
	
802.11ax (RU106)_Chain 0 / CH173	
	

4.5.7 Test Results (Mode 2)

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
169	5845	2.88	8.11	5.00	13.11	14	Pass
173	5865	2.77	8.00	5.00	13	14	Pass
177	5885	2.67	7.90	5.00	12.9	14	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
169	5845	1.68	6.91	5.00	11.91	14	Pass
173	5865	1.47	6.70	5.00	11.7	14	Pass
177	5885	1.54	6.77	5.00	11.77	14	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
167	5835	-2.36	2.87	5.00	7.87	14	Pass
175	5875	-2.38	2.85	5.00	7.85	14	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
171	5855	-6.69	-1.46	5.00	3.54	14	Pass

802.11ax (RU26)

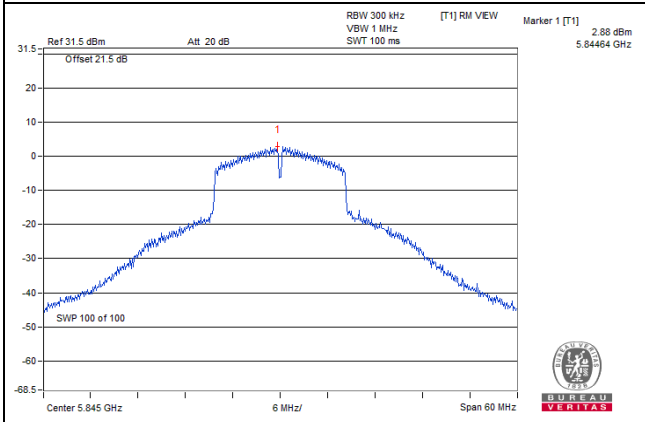
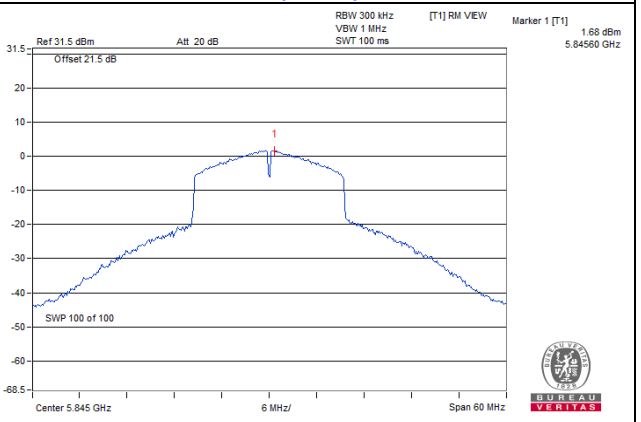
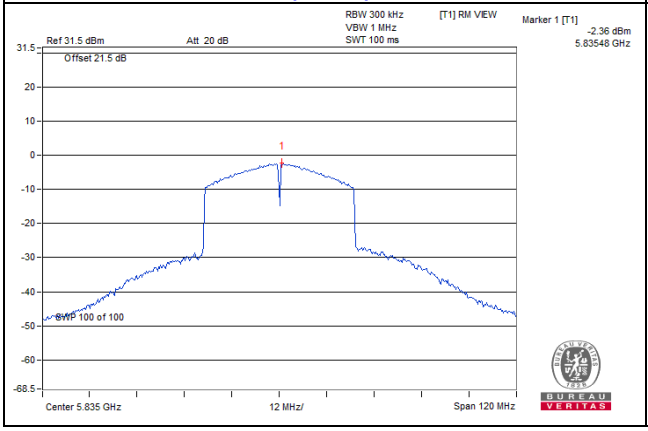
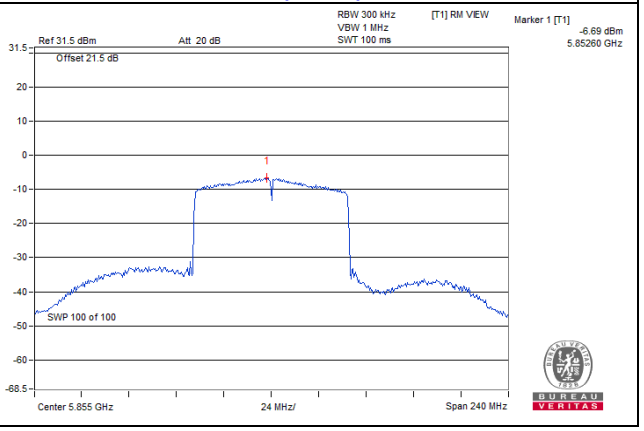
Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
169	5845	3.7	8.93	5.00	13.93	14	Pass
173	5865	3.53	8.76	5.00	13.76	14	Pass
177	5885	3.34	8.57	5.00	13.57	14	Pass

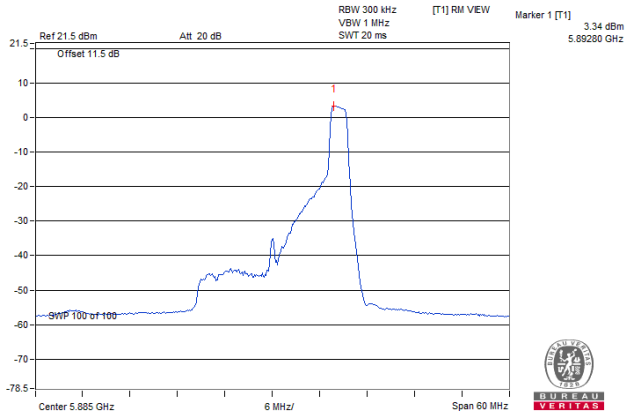
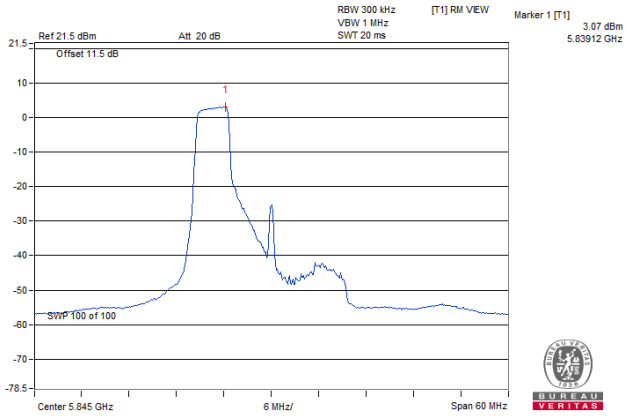
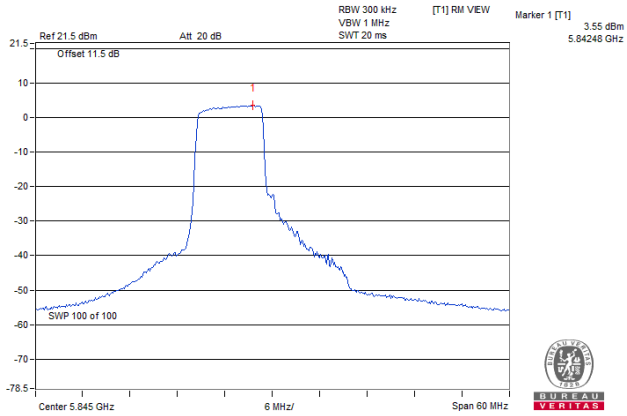
802.11ax (RU52)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
169	5845	3.07	8.30	5.00	13.3	14	Pass
173	5865	3.33	8.56	5.00	13.56	14	Pass
177	5885	3.21	8.44	5.00	13.44	14	Pass

802.11ax (RU106)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
169	5845	3.55	8.78	5.00	13.78	14	Pass
173	5865	3.59	8.82	5.00	13.82	14	Pass
177	5885	3.57	8.80	5.00	13.8	14	Pass

Spectrum Plot of Worst Value	
802.11a / CH169	**802.11ax (HE20) / CH169**
	
802.11ax (HE40) / CH167	**802.11ax (HE80) / CH171**
	

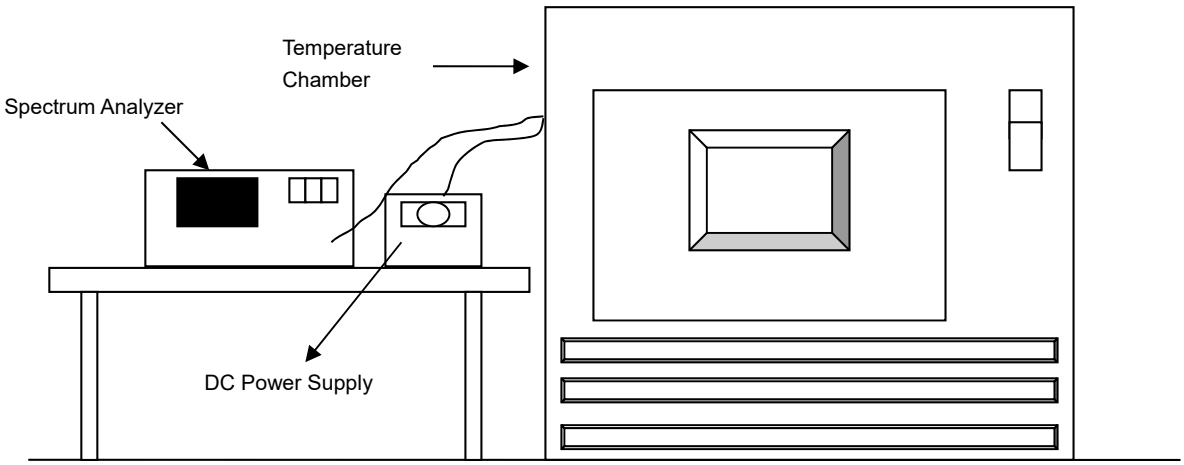
Spectrum Plot of Worst Value	
802.11ax (RU26) / CH177	**802.11ax (RU52) / CH169**
	
802.11ax (RU106) / CH169	
	

4.6 Frequency Stability Measurement

4.6.1 Limits of Frequency Stability Measurement

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

4.6.2 Test Setup



4.6.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.6.4 Test Procedure

a. The EUT was placed inside the environmental test chamber and powered by nominal DC voltage.

b. Turn the EUT on and couple its output to a spectrum analyzer.

c. Turn the EUT off and set the chamber to the highest temperature specified.

d. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 Minutes.

e. Repeat step (d) with the temperature chamber set to the next desired temperature until measurements down to the lowest specified temperature have been completed.

f. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 Minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

4.6.5 EUT Operating Condition

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

4.6.6 Test Results

Frequency Stability Versus Temp.									
Operating Frequency: 5865MHz									
TEMP. (℃)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
70	3.3	5885.0233	Pass	5885.0258	Pass	5885.0235	Pass	5885.0248	Pass
60	3.3	5885.0283	Pass	5885.0275	Pass	5885.0274	Pass	5885.0232	Pass
50	3.3	5885.0096	Pass	5885.0077	Pass	5885.0047	Pass	5885.0053	Pass
40	3.3	5885.0074	Pass	5885.008	Pass	5885.0042	Pass	5885.0064	Pass
30	3.3	5885.0211	Pass	5885.0211	Pass	5885.0209	Pass	5885.0204	Pass
20	3.3	5885.0022	Pass	5885.0015	Pass	5885.0017	Pass	5885.0009	Pass
10	3.3	5885.0197	Pass	5885.0157	Pass	5885.0167	Pass	5885.0188	Pass
0	3.3	5884.9976	Pass	5884.9956	Pass	5884.9966	Pass	5884.9934	Pass
-10	3.3	5885.0011	Pass	5884.9992	Pass	5885.003	Pass	5885.0011	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5865MHz									
TEMP. (℃)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	3.795	5885.008	Pass	5885.0064	Pass	5885.0065	Pass	5885.0098	Pass
	3.3	5885.0022	Pass	5885.0015	Pass	5885.0017	Pass	5885.0009	Pass
	2.805	5885.003	Pass	5885.0057	Pass	5885.0021	Pass	5885.0078	Pass

4.7 Operational Restrictions for U-NII 4 Devices

4.7.1 Limits of Operational Restrictions for U-NII 4 Devices

☐ (1) *Indoor Access Point.*

An access point that operates in the 5.850-5.895 GHz, is supplied power from a wired connection, has an integrated antenna, is not battery powered, and does not have a weatherized enclosure. Indoor access point devices must bear the following statement in a conspicuous location on the device and in the user's manual: FCC regulations restrict operation of this device to indoor use only.

☐ (2) *Subordinate Device.*

A subordinate device that operates in the 5.850-5.895 GHz band under the control of an Indoor Access Point, is supplied power from a wired connection, has an integrated antenna, is not battery powered, does not have a weatherized enclosure, and does not have a direct connection to the internet. Subordinate devices must not be used to connect devices between separate buildings or structures. Subordinate devices must be authorized under certification procedures in part 2 of this chapter. Modules may not be certified as subordinate devices.

☒ (3) *Client Device.*

A client device whose transmissions are generally under the control of an access point and is not capable of initiating a network

4.7.2 Test Setup

N/A

4.7.3 Test Instruments

N/A

4.7.4 Test Procedure

N/A.

4.7.5 Test Results

Device is a client device, all restrictions are meet the §15.403 requirements. Please refer to the Attestation letter exhibit supplied within this application.

5 Pictures of Test Arrangements

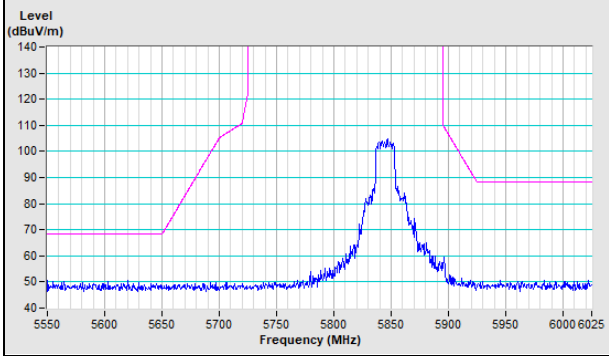
Please refer to the attached file (Test Setup Photo).

Annex A.1 - Band-Edge Measurement (Mode 1)

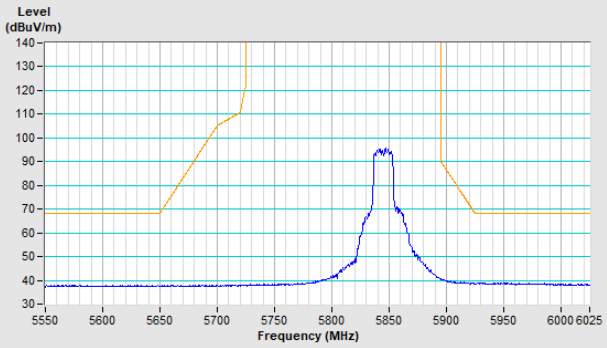
Dipole Antenna

802.11a Channel 169

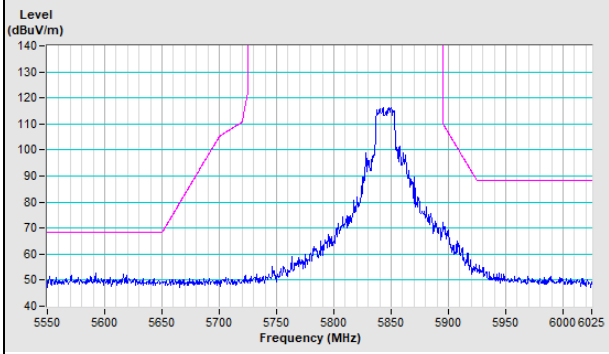
Horizontal (Peak)



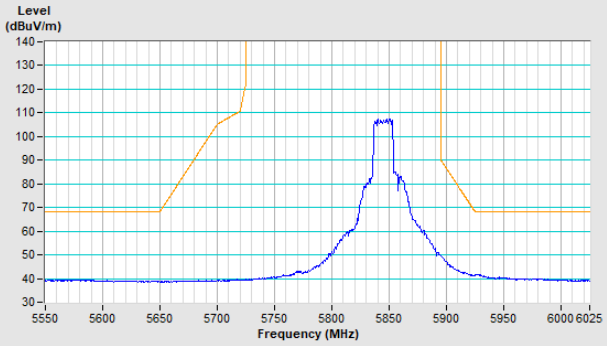
Horizontal (Average)



Vertical (Peak)

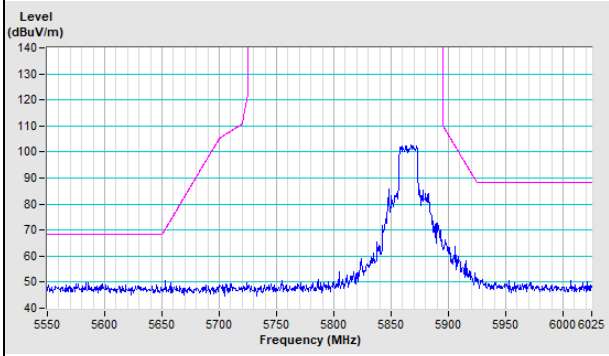


Vertical (Average)

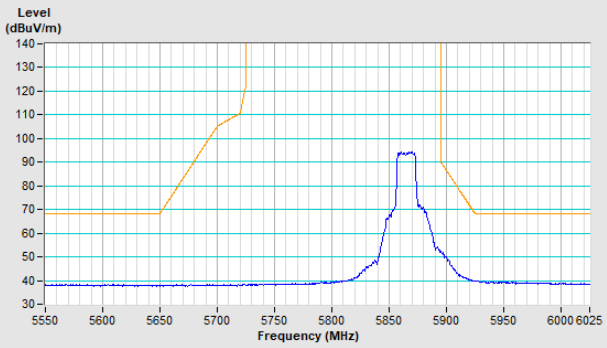


802.11a Channel 173

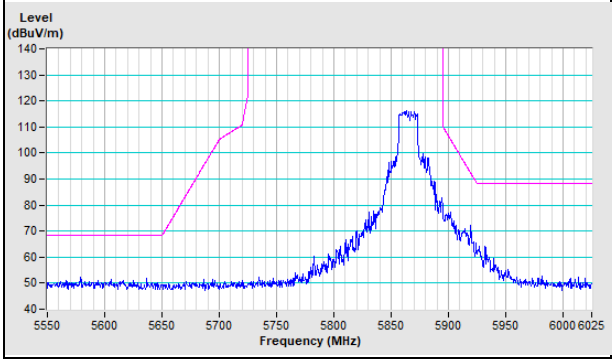
Horizontal (Peak)



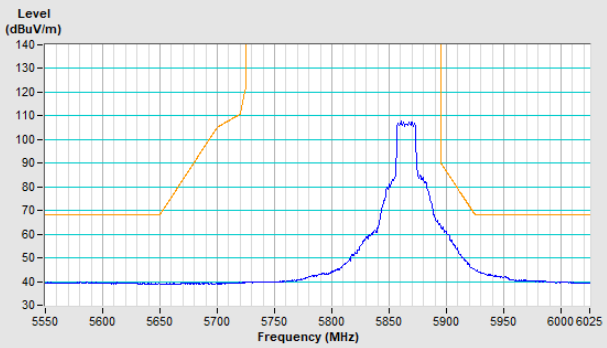
Horizontal (Average)

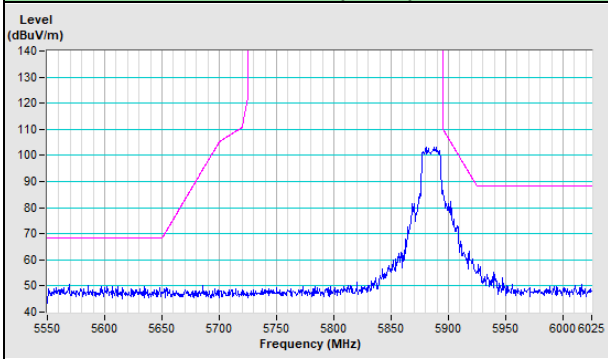
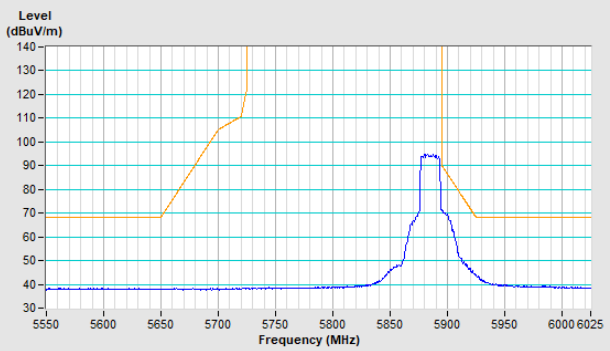
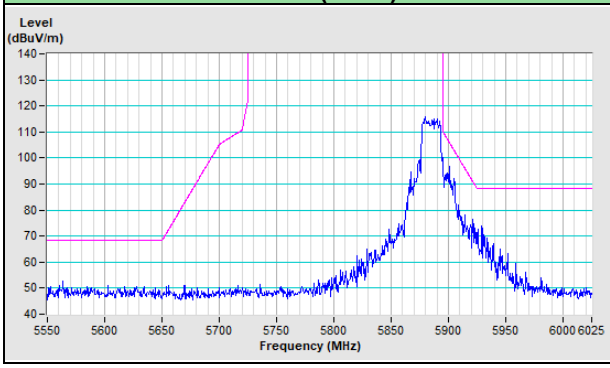
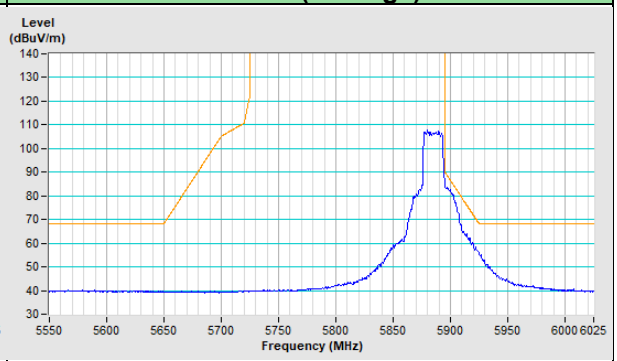


Vertical (Peak)



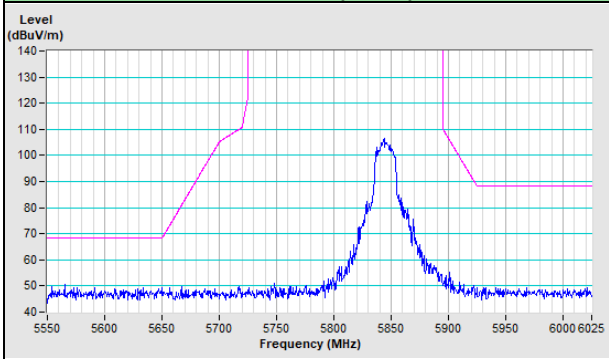
Vertical (Average)



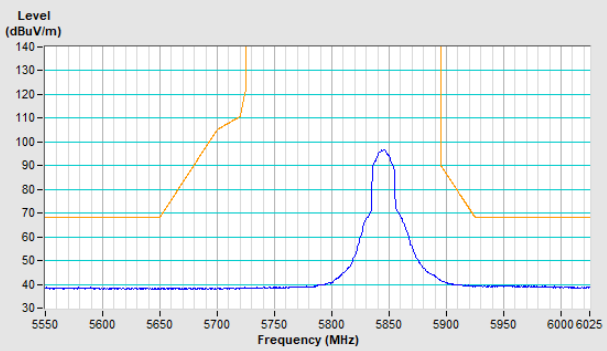
802.11a Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

802.11ax (HE20) Channel 169

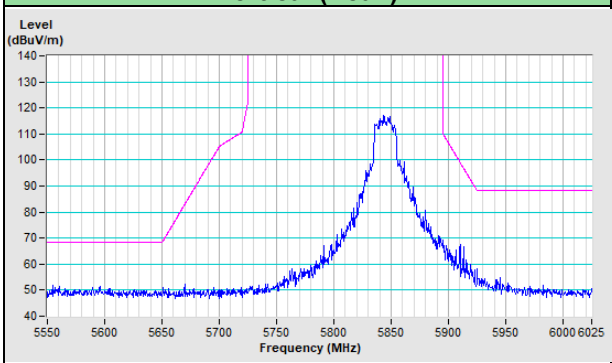
Horizontal (Peak)



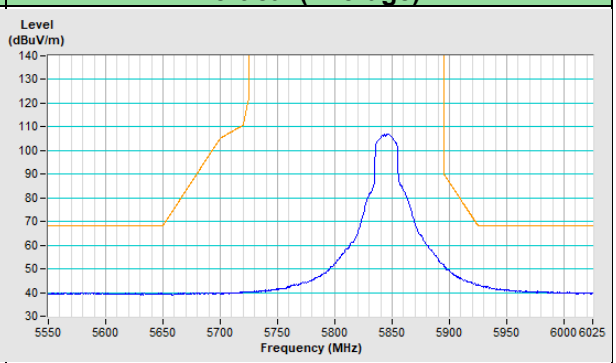
Horizontal (Average)



Vertical (Peak)

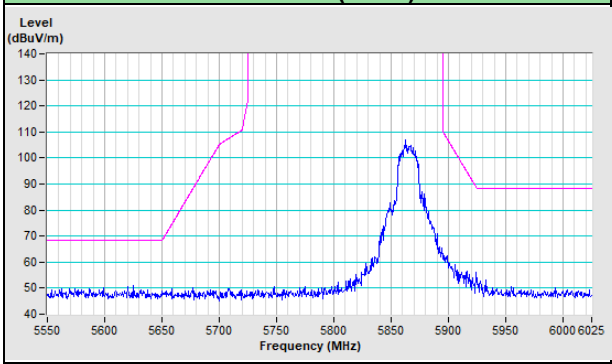


Vertical (Average)

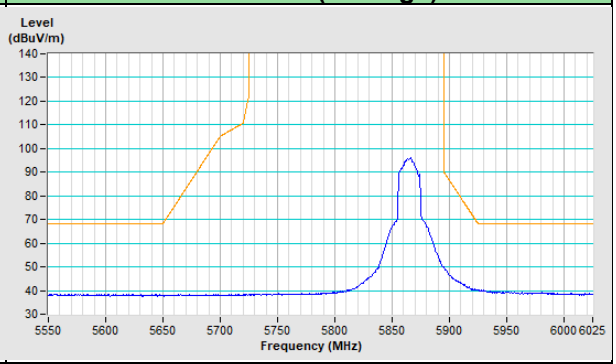


802.11ax (HE20) Channel 173

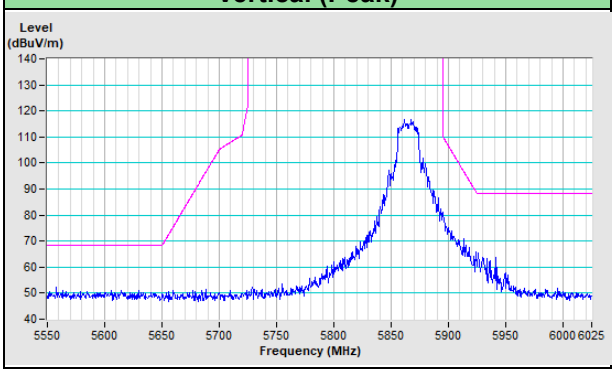
Horizontal (Peak)



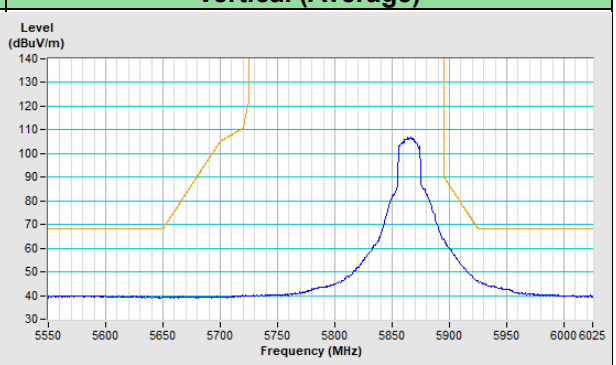
Horizontal (Average)

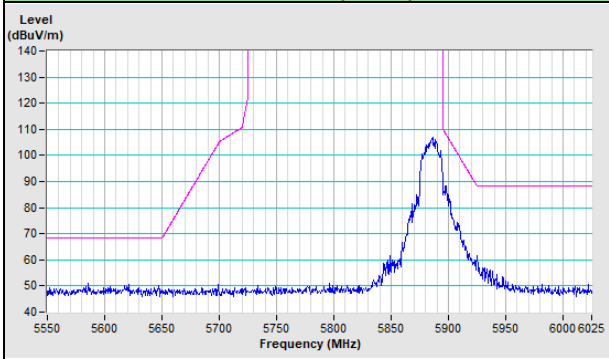
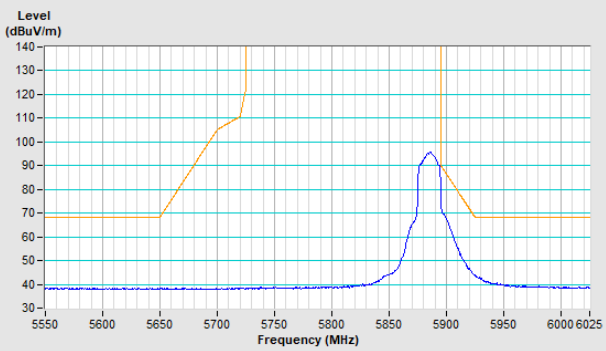
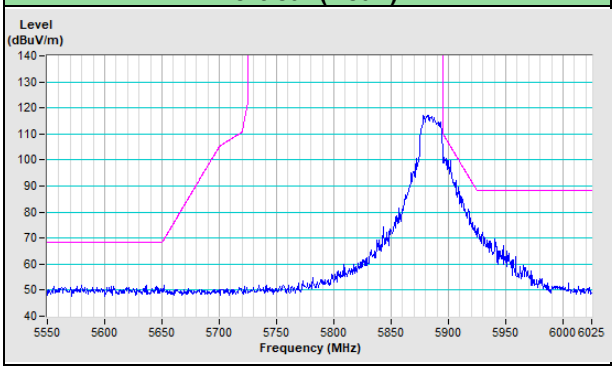
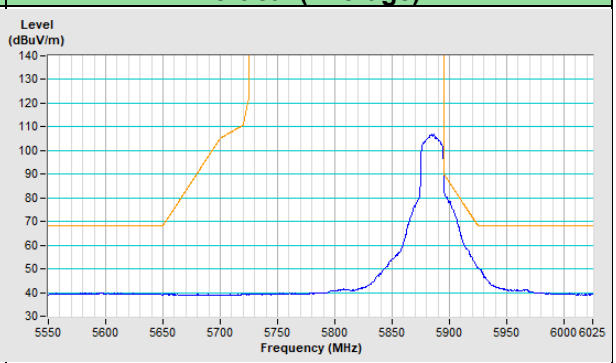


Vertical (Peak)



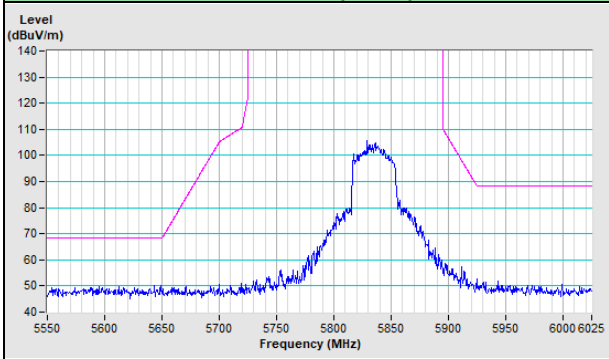
Vertical (Average)



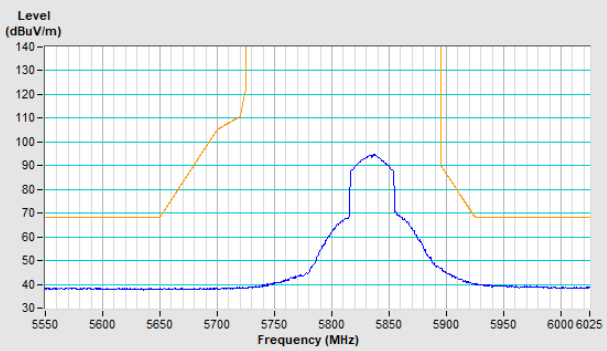
802.11ax (HE20) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

802.11ax (HE40) Channel 167

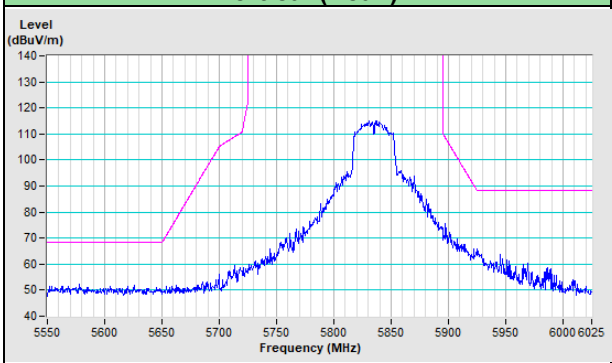
Horizontal (Peak)



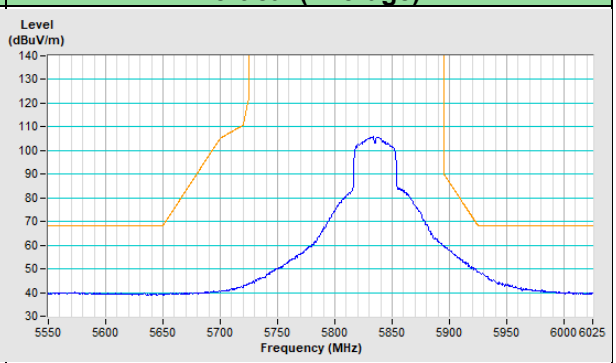
Horizontal (Average)



Vertical (Peak)

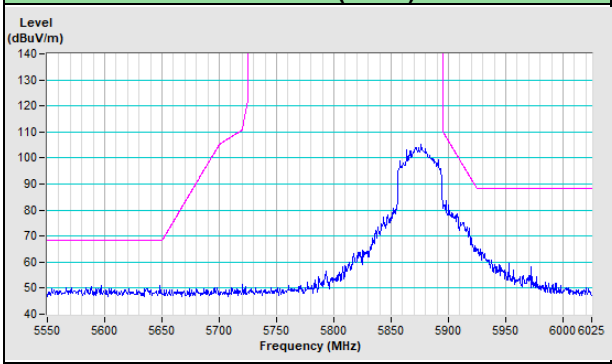


Vertical (Average)

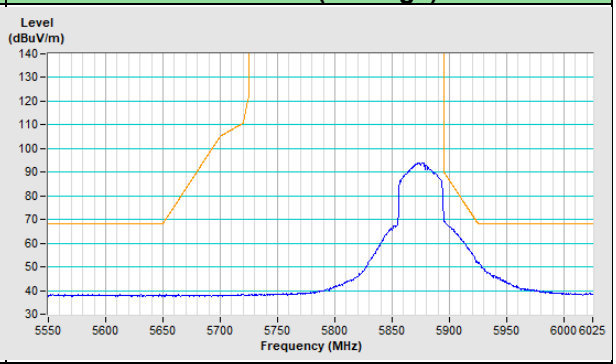


802.11ax (HE40) Channel 175

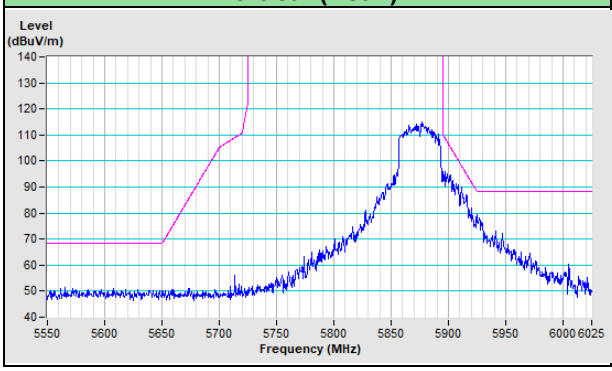
Horizontal (Peak)



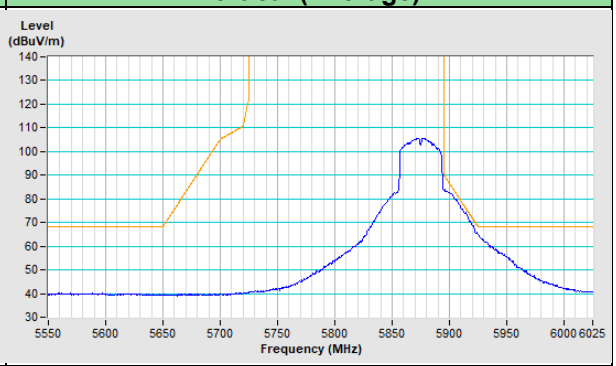
Horizontal (Average)

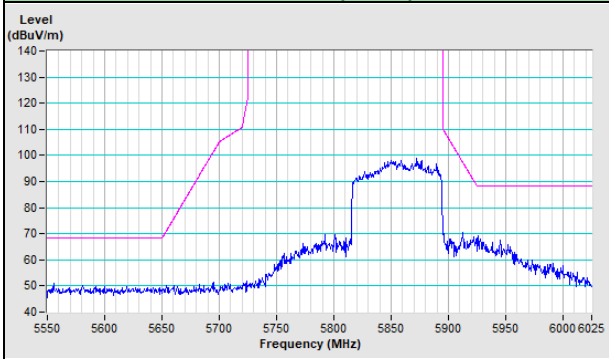
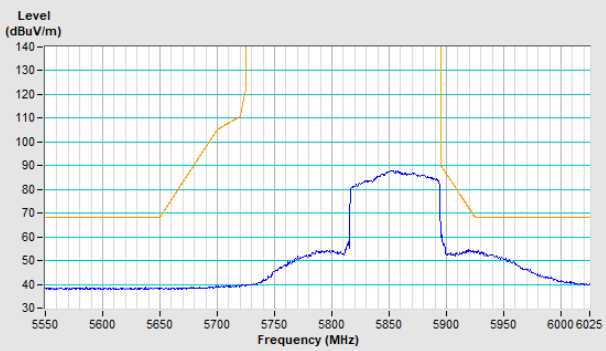
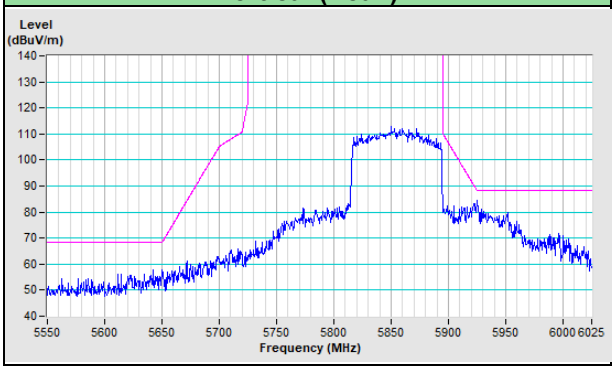
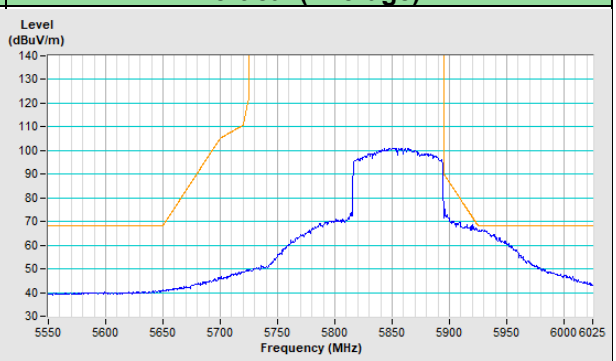


Vertical (Peak)



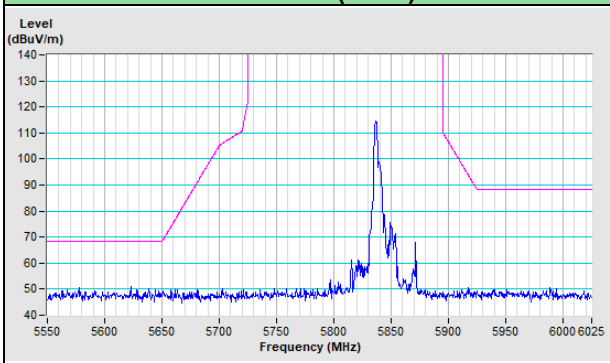
Vertical (Average)



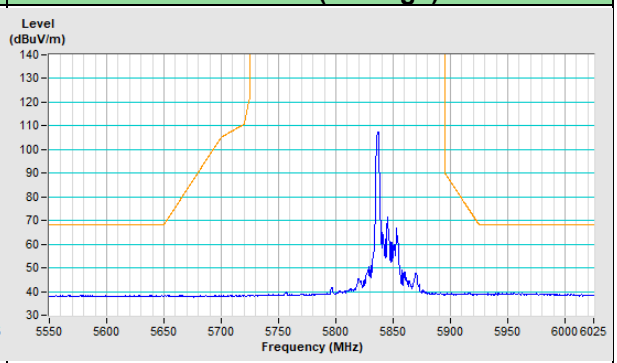
802.11ax (HE80) Channel 171	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

20 MHz Preamble 802.11ax (RU26) Channel 169

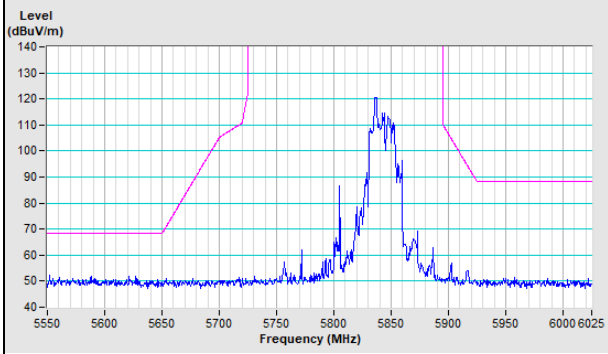
Horizontal (Peak)



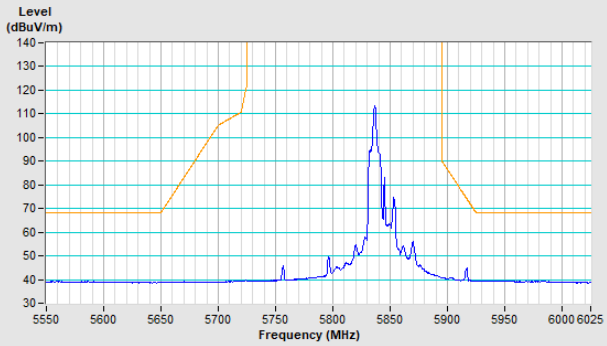
Horizontal (Average)



Vertical (Peak)

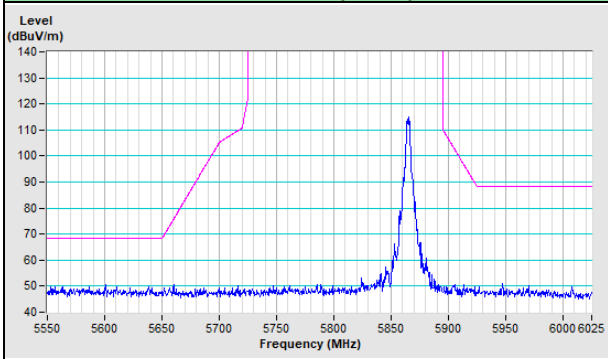


Vertical (Average)

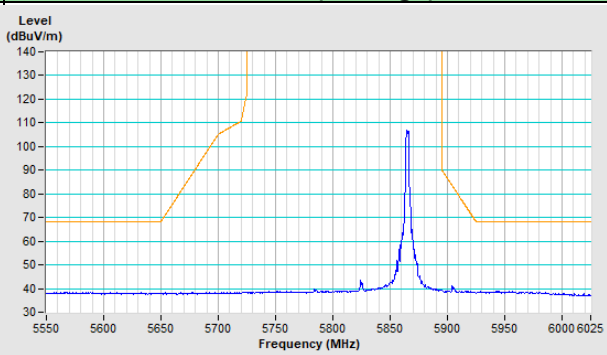


20 MHz Preamble 802.11ax (RU26) Channel 173

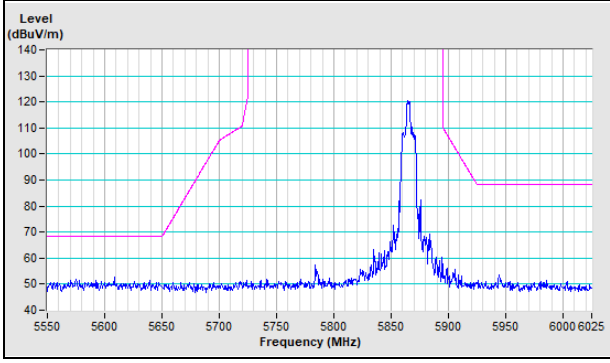
Horizontal (Peak)



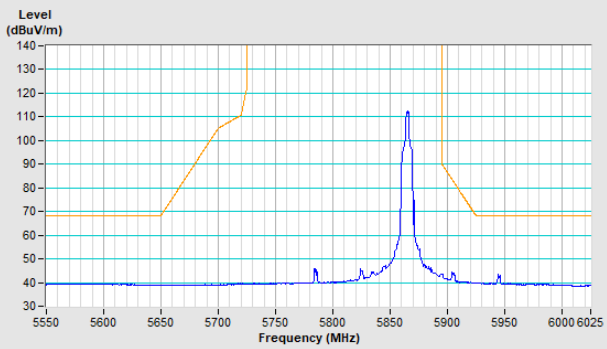
Horizontal (Average)

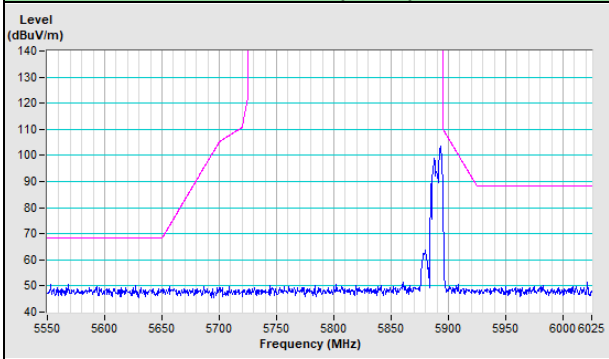
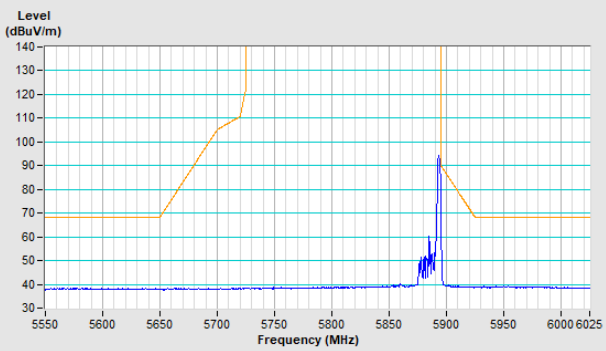
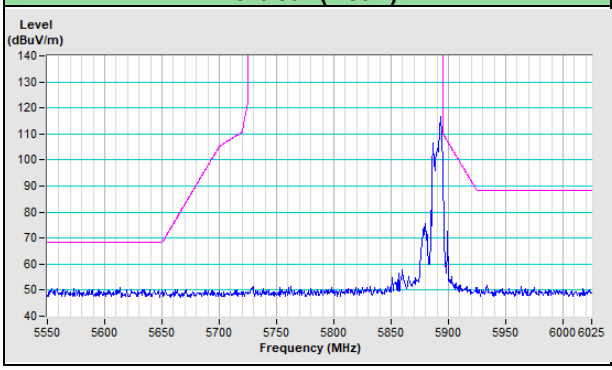
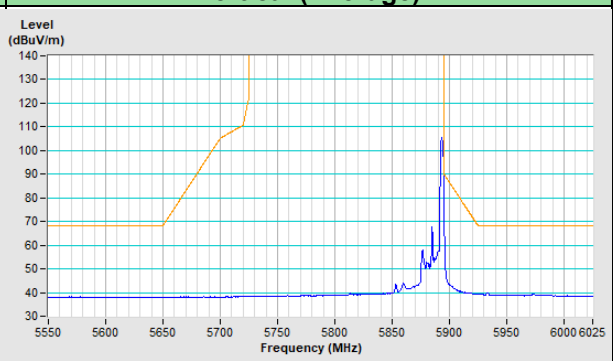


Vertical (Peak)



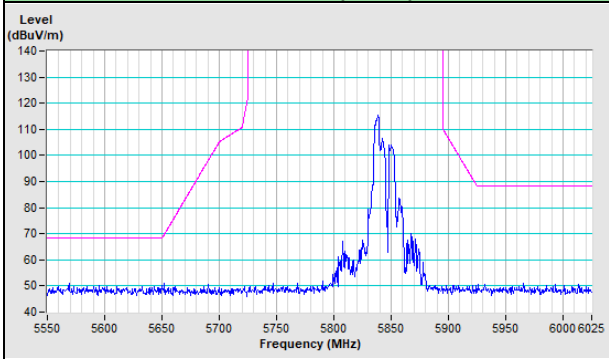
Vertical (Average)



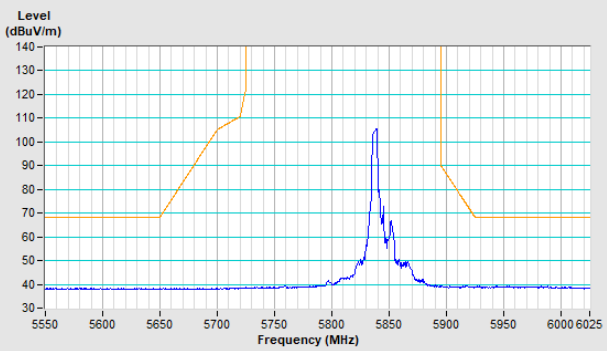
20 MHz Preamble 802.11ax (RU26) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

20 MHz Preamble 802.11ax (RU52) Channel 169

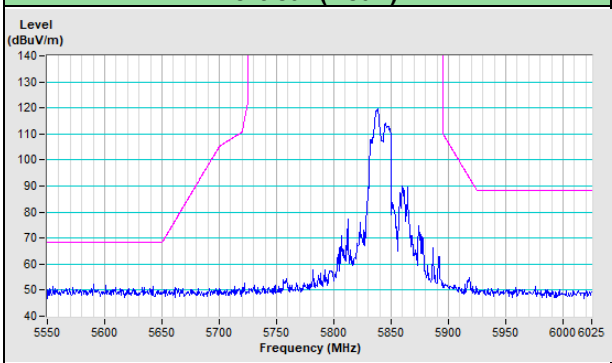
Horizontal (Peak)



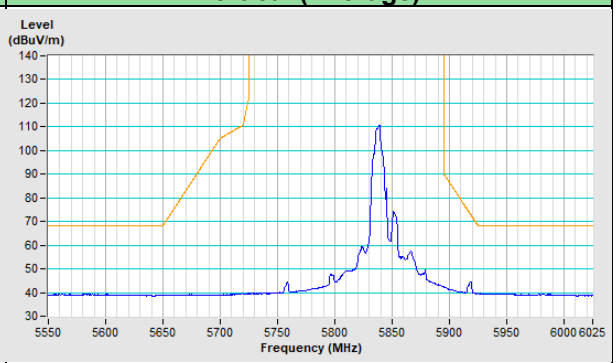
Horizontal (Average)



Vertical (Peak)

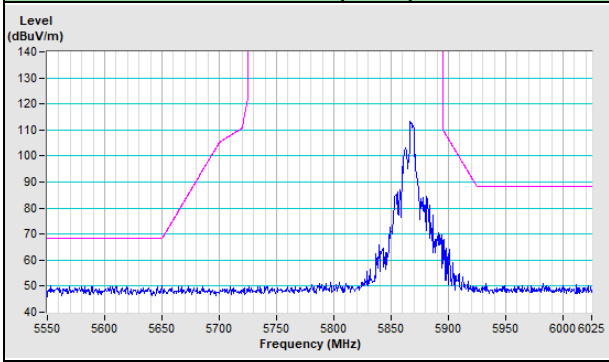


Vertical (Average)

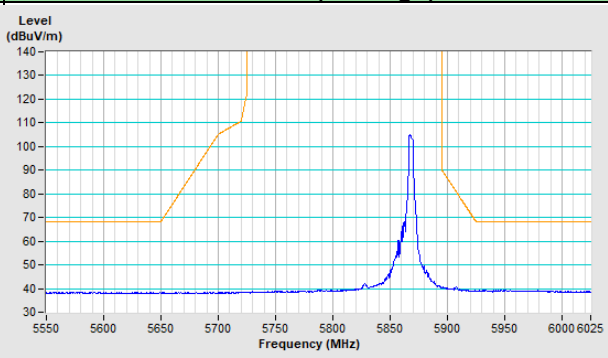


20 MHz Preamble 802.11ax (RU52) Channel 173

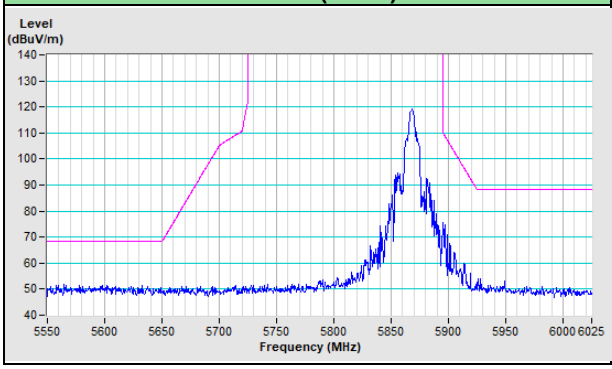
Horizontal (Peak)



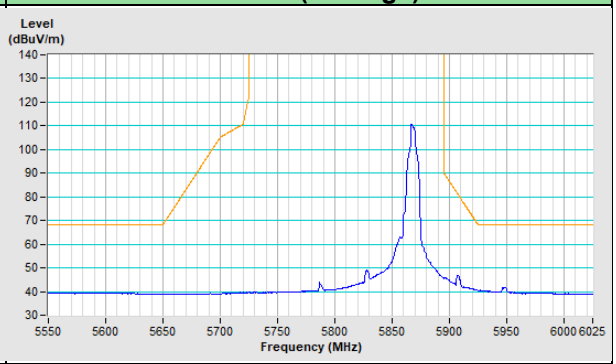
Horizontal (Average)

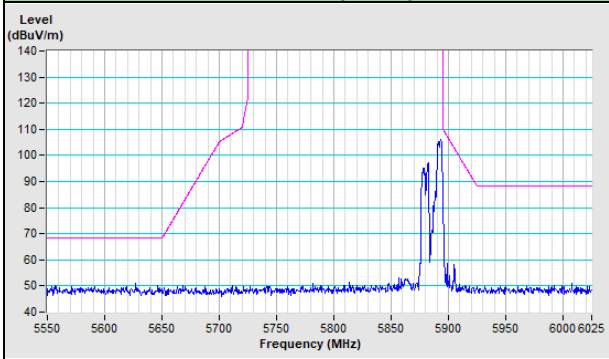
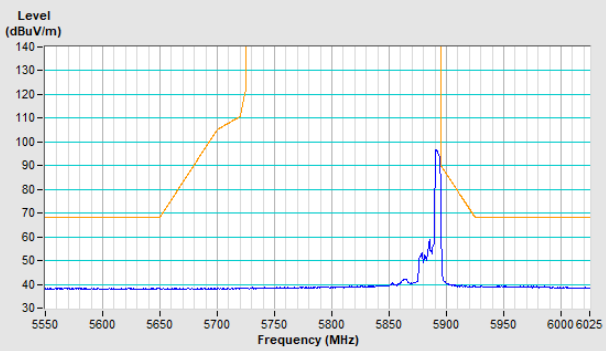
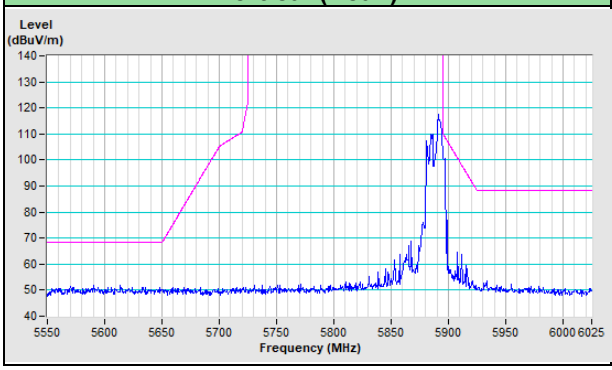
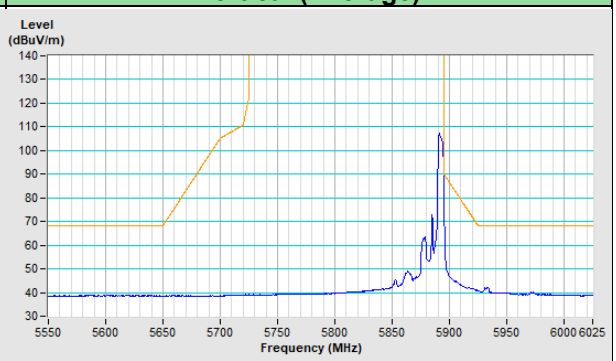


Vertical (Peak)



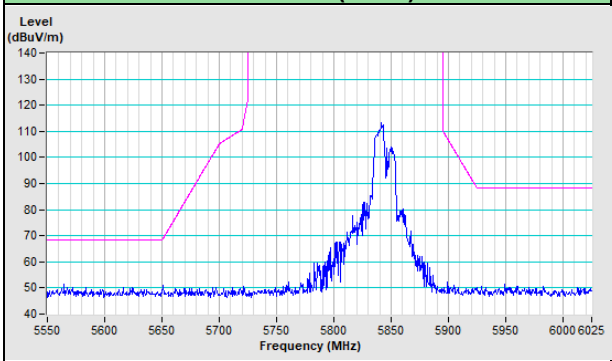
Vertical (Average)



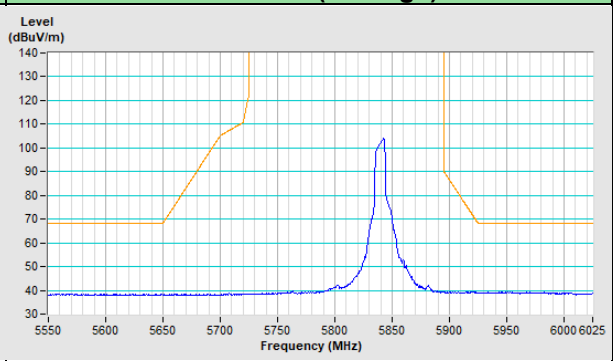
20 MHz Preamble 802.11ax (RU52) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

20 MHz Preamble 802.11ax (RU106) Channel 169

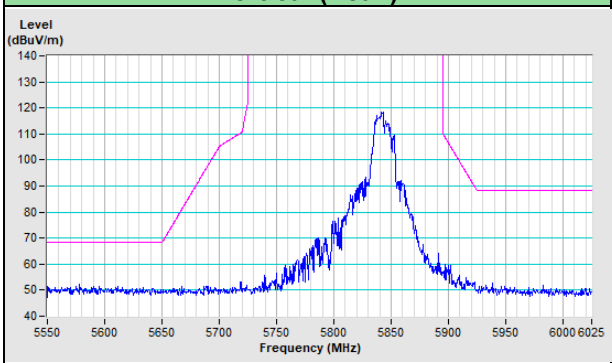
Horizontal (Peak)



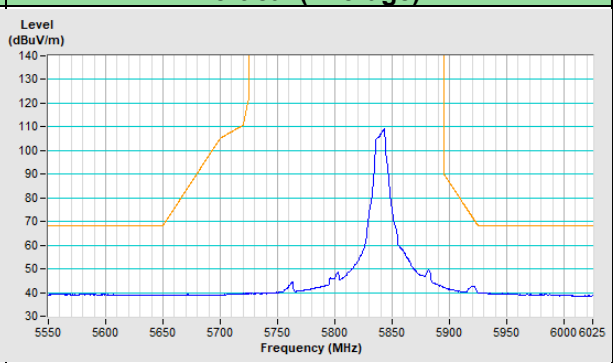
Horizontal (Average)



Vertical (Peak)

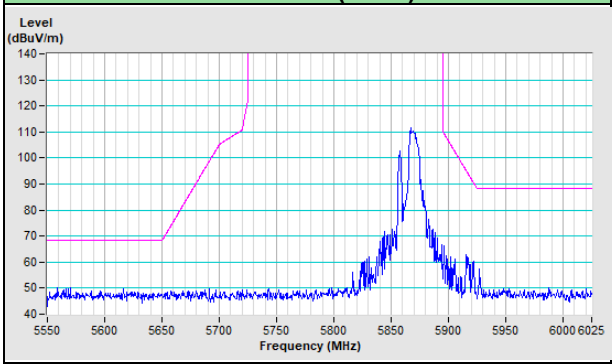


Vertical (Average)

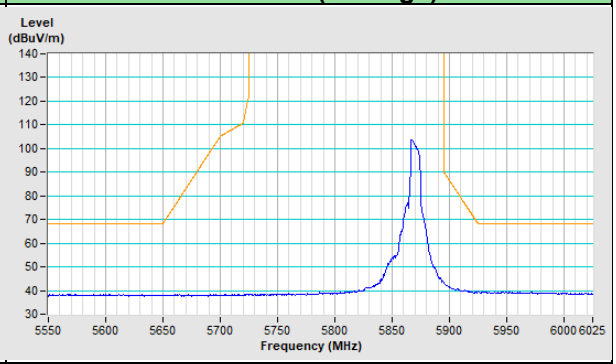


20 MHz Preamble 802.11ax (RU106) Channel 173

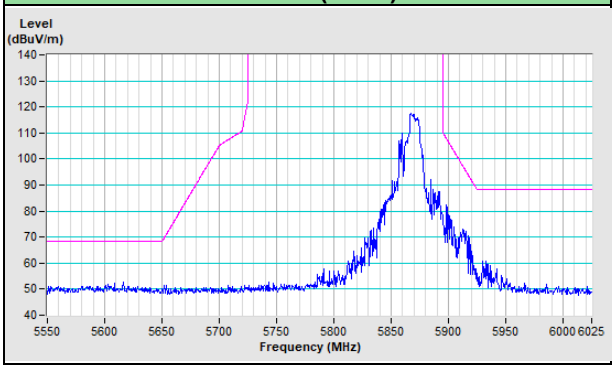
Horizontal (Peak)



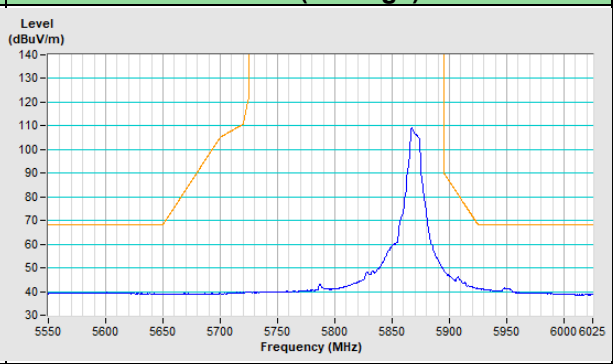
Horizontal (Average)

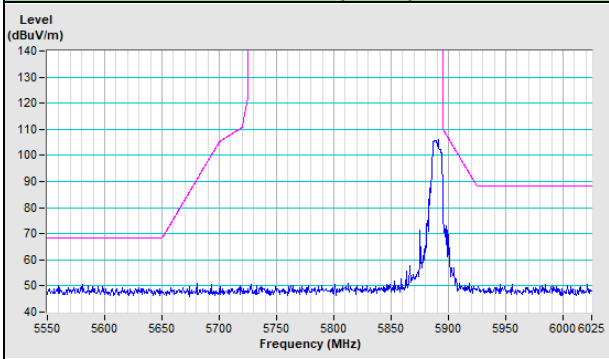
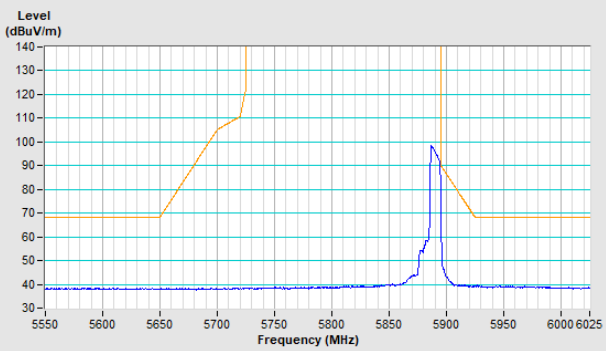
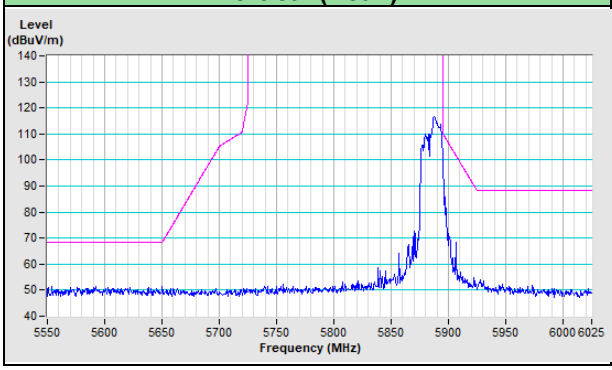
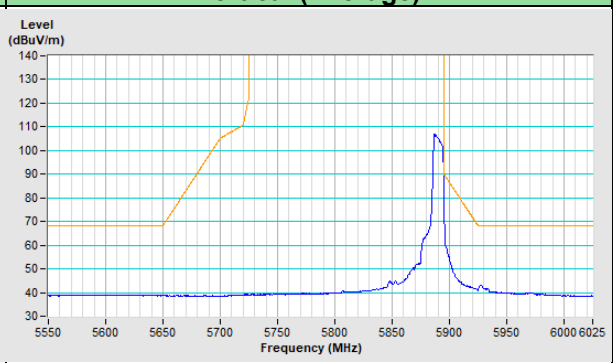


Vertical (Peak)



Vertical (Average)

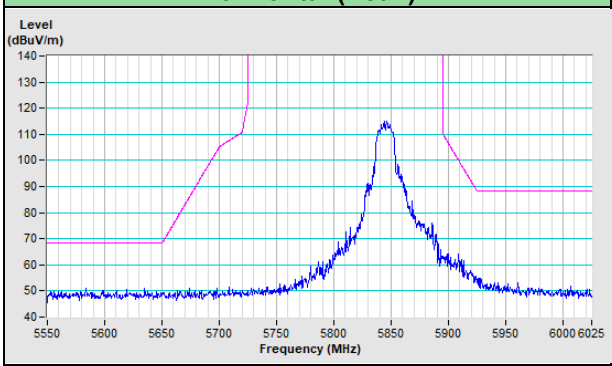


20 MHz Preamble 802.11ax (RU106) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

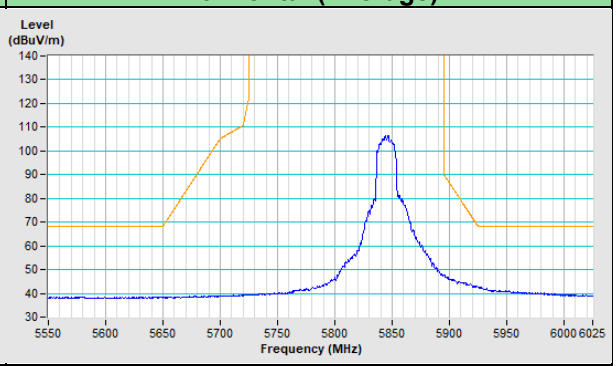
PIFA Antenna

802.11a Channel 169

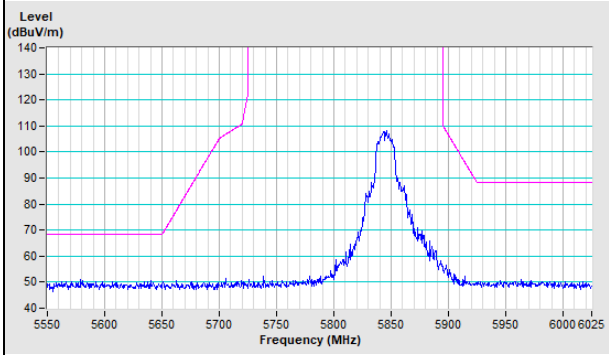
Horizontal (Peak)



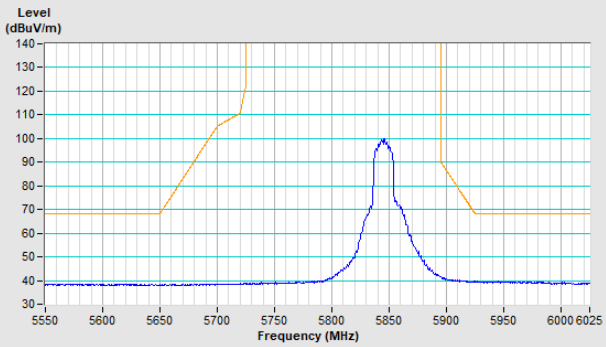
Horizontal (Average)



Vertical (Peak)

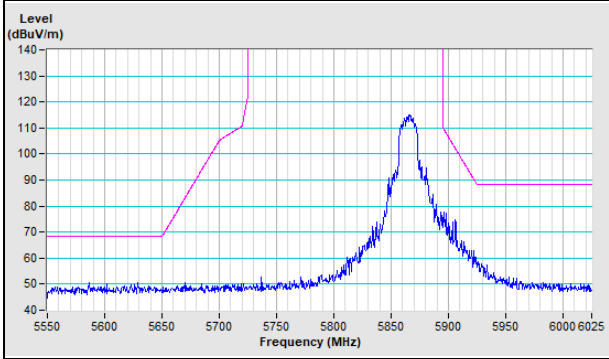


Vertical (Average)

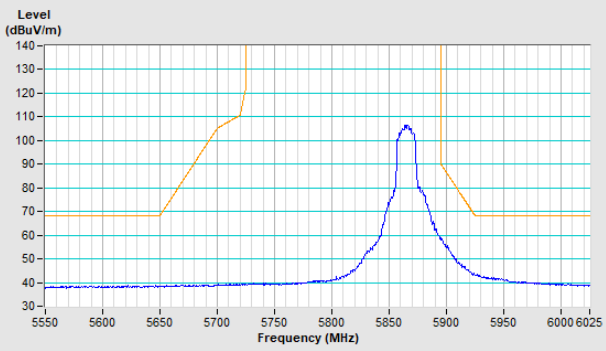


802.11a Channel 173

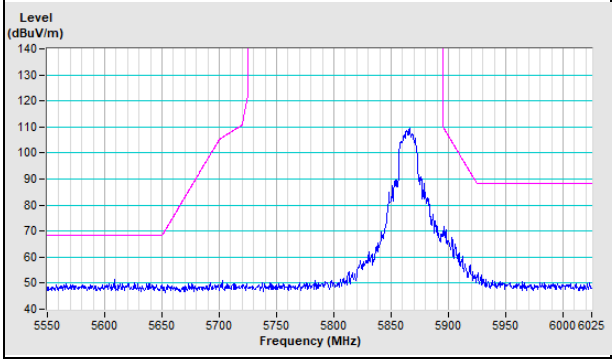
Horizontal (Peak)



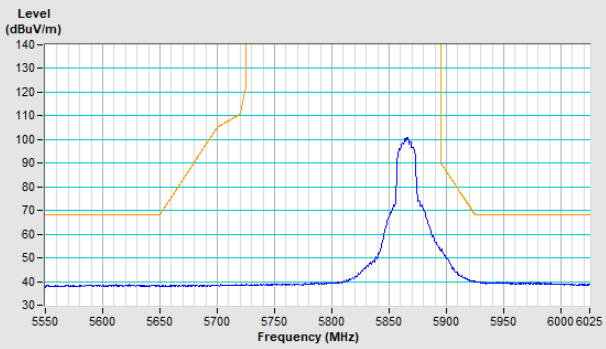
Horizontal (Average)

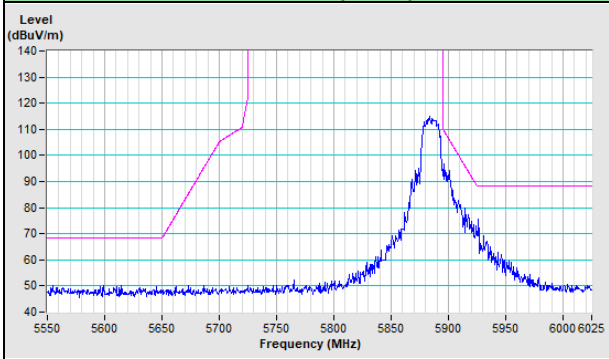
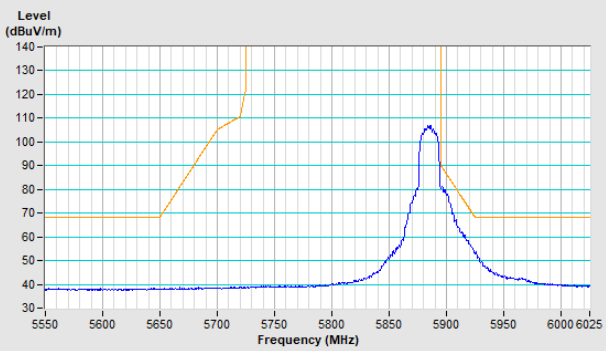
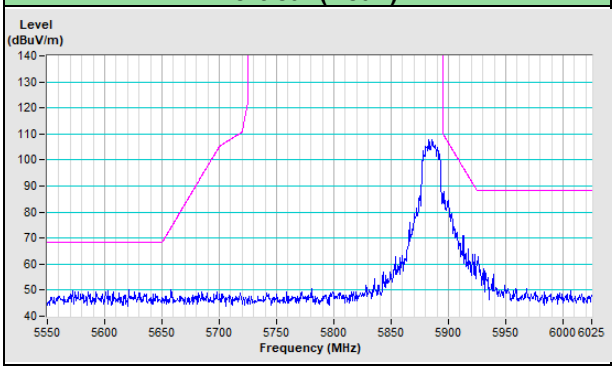
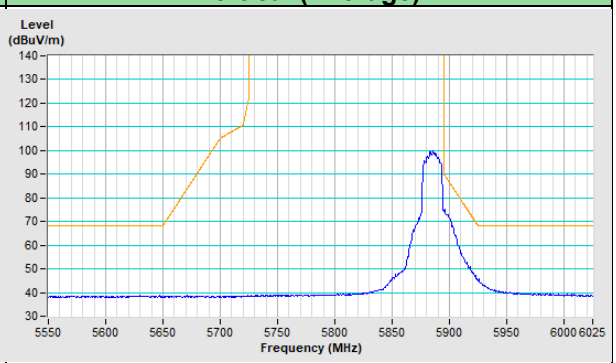


Vertical (Peak)



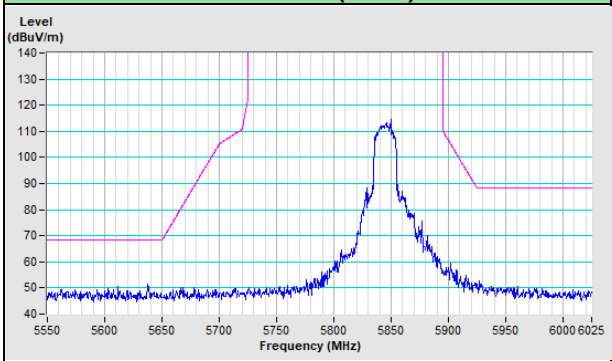
Vertical (Average)



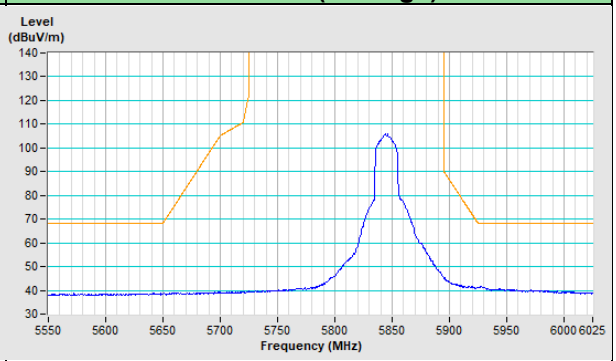
802.11a Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

802.11ax (HE20) Channel 169

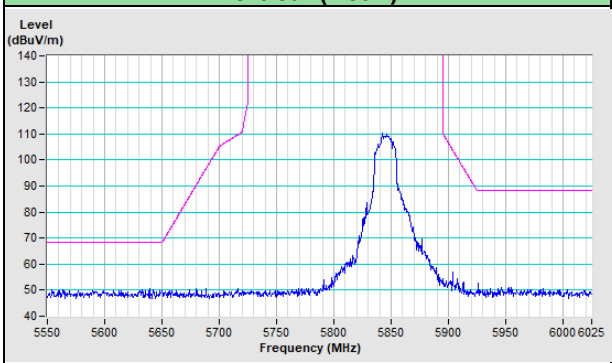
Horizontal (Peak)



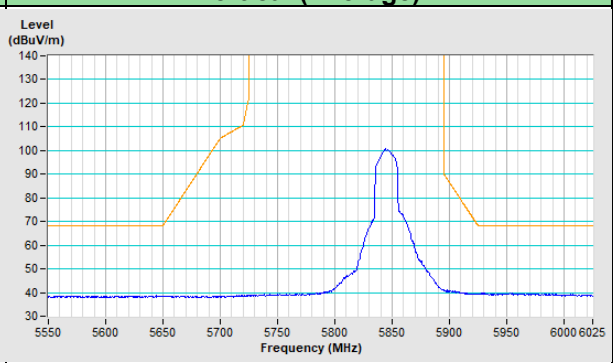
Horizontal (Average)



Vertical (Peak)

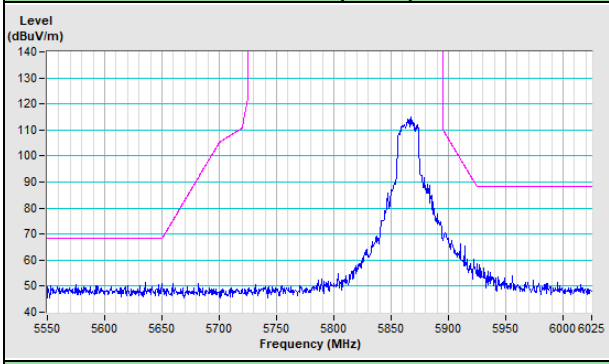


Vertical (Average)

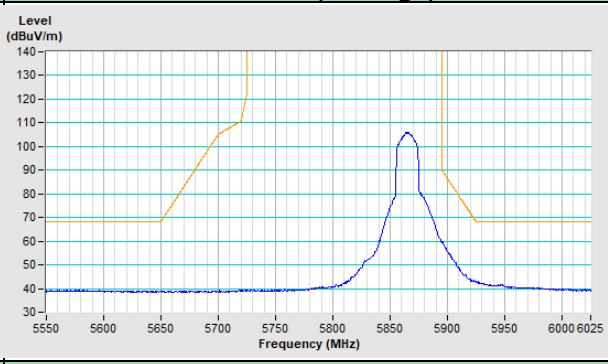


802.11ax (HE20) Channel 173

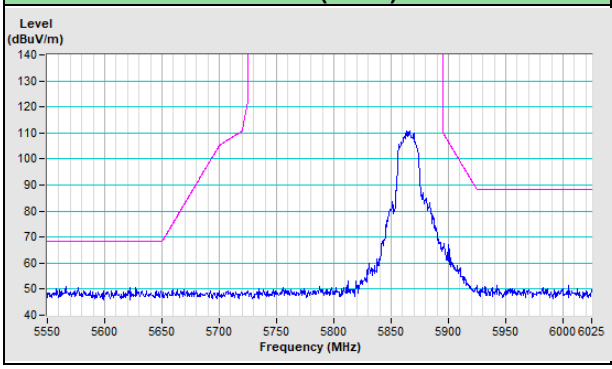
Horizontal (Peak)



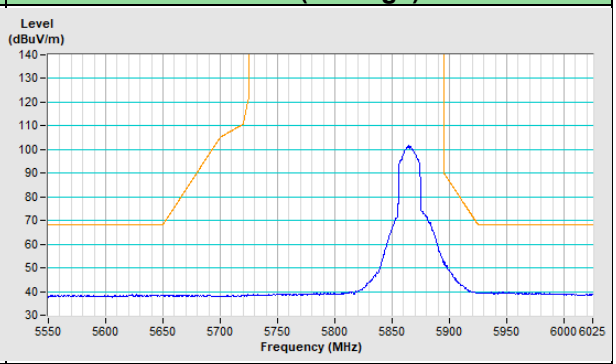
Horizontal (Average)

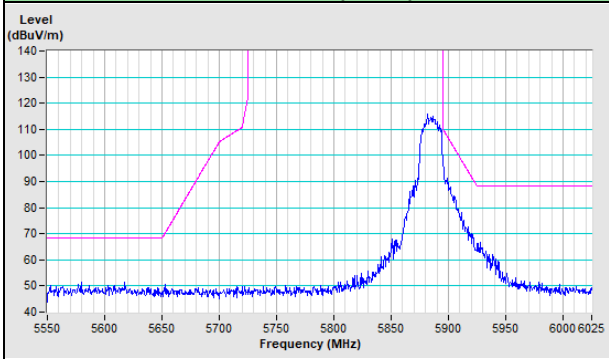
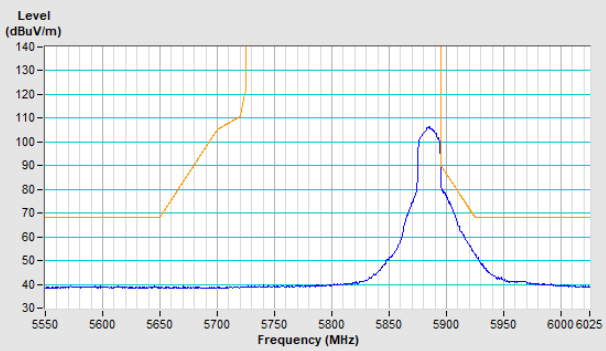
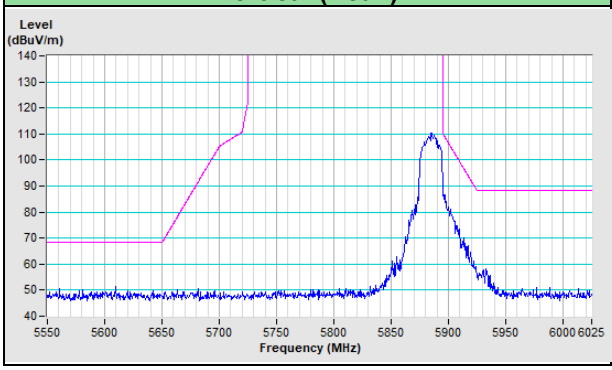
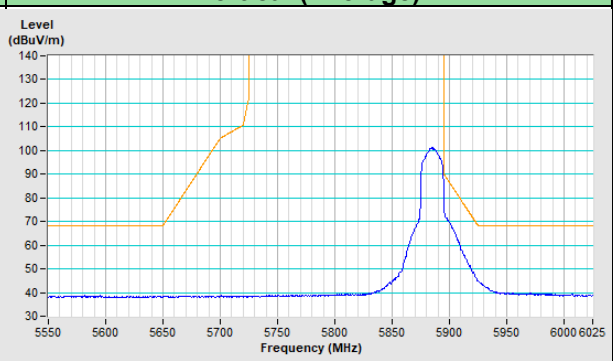


Vertical (Peak)



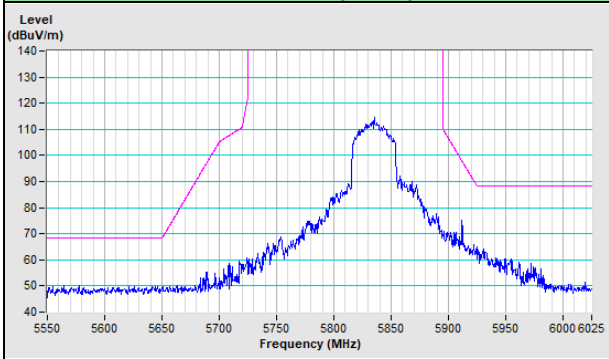
Vertical (Average)



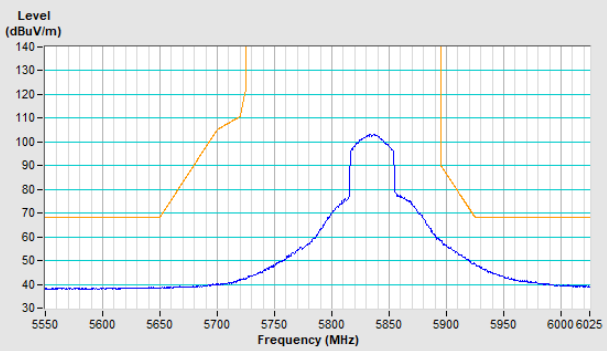
802.11ax (HE20) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

802.11ax (HE40) Channel 167

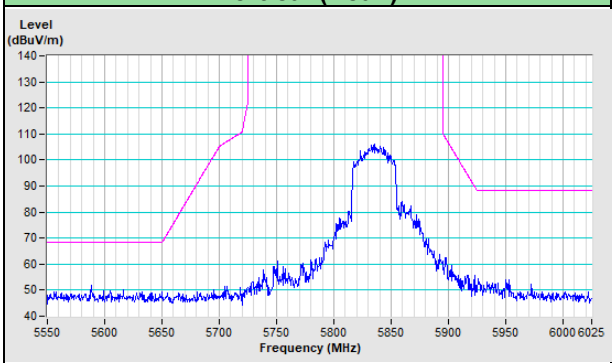
Horizontal (Peak)



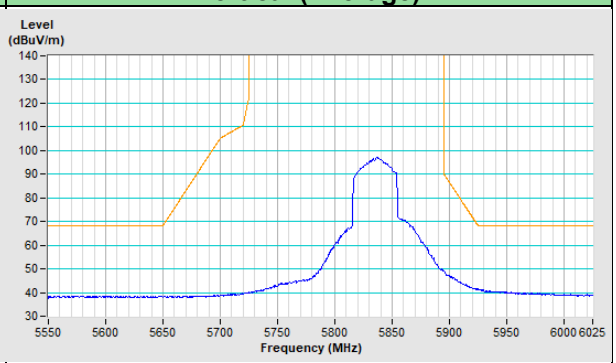
Horizontal (Average)



Vertical (Peak)

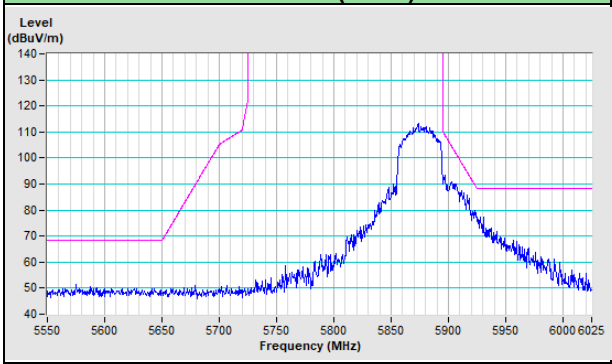


Vertical (Average)

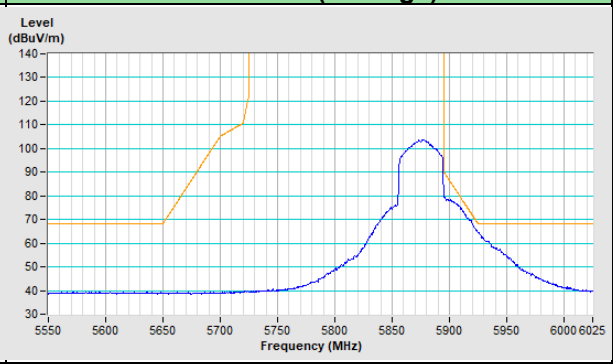


802.11ax (HE40) Channel 175

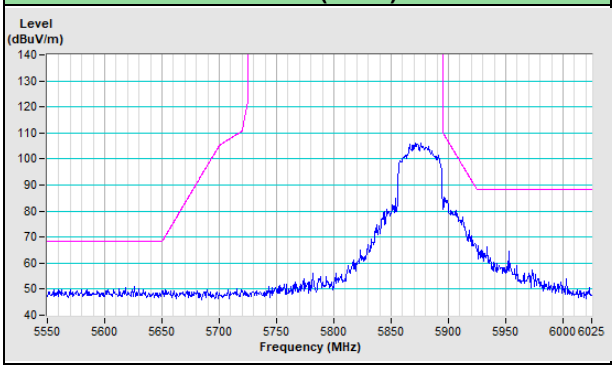
Horizontal (Peak)



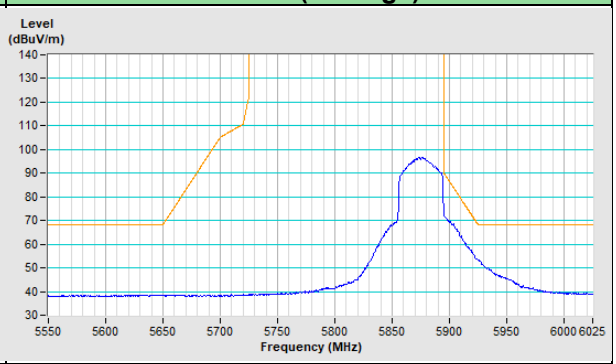
Horizontal (Average)

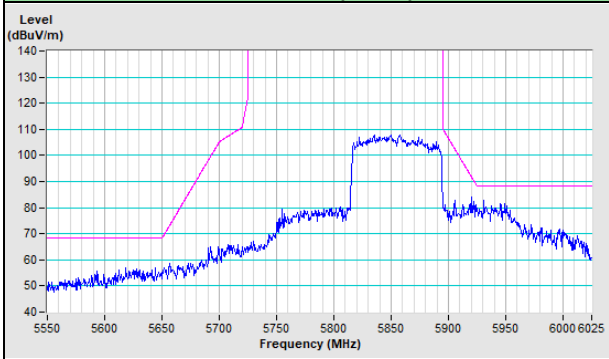
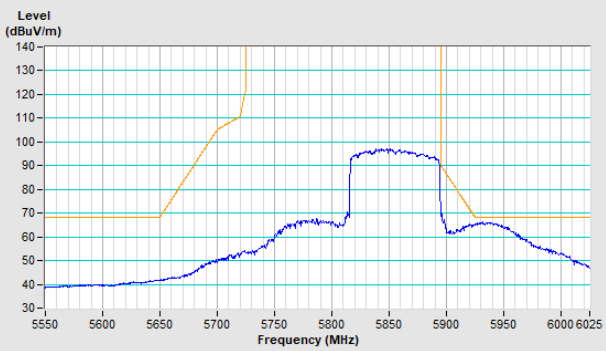
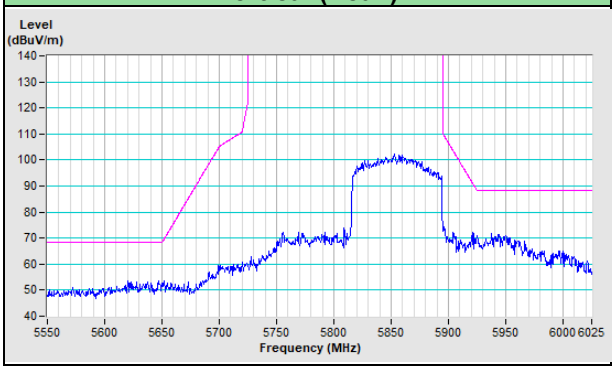
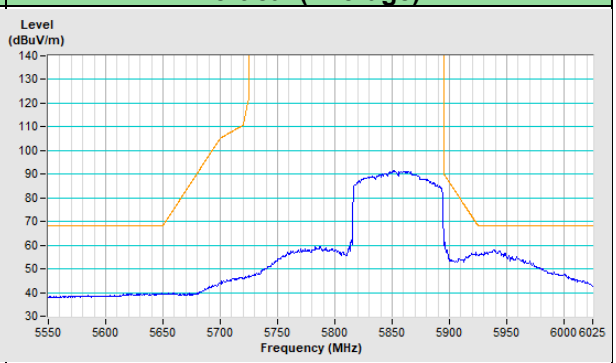


Vertical (Peak)



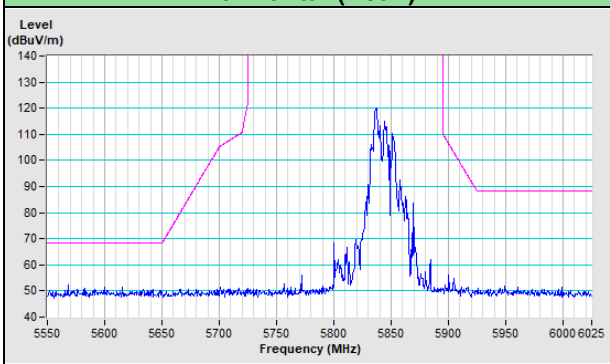
Vertical (Average)



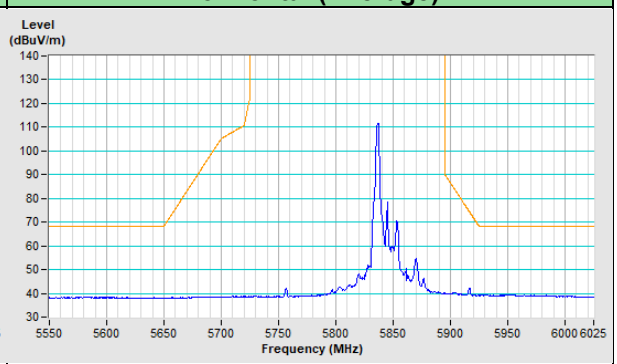
802.11ax (HE80) Channel 171	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

20 MHz Preamble 802.11ax (RU26) Channel 169

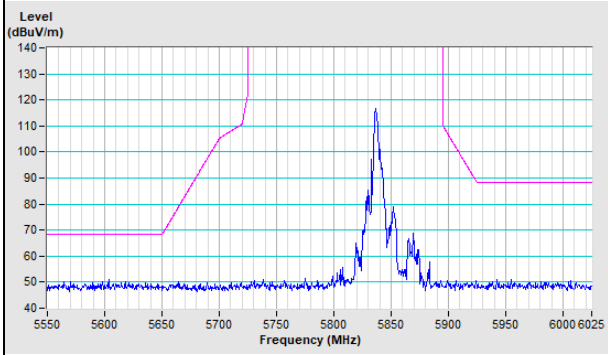
Horizontal (Peak)



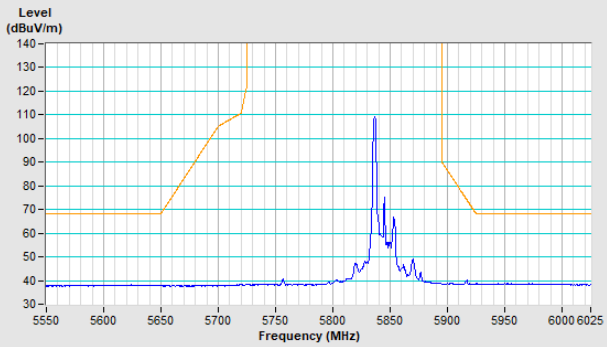
Horizontal (Average)



Vertical (Peak)

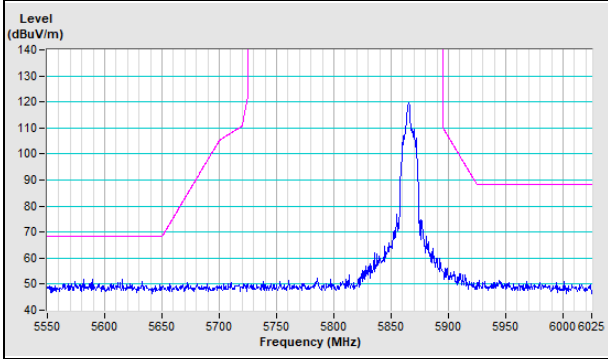


Vertical (Average)

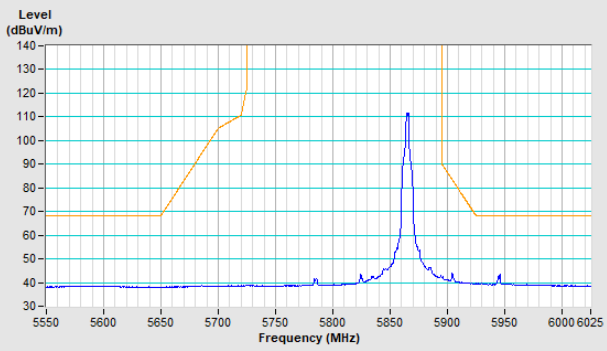


20 MHz Preamble 802.11ax (RU26) Channel 173

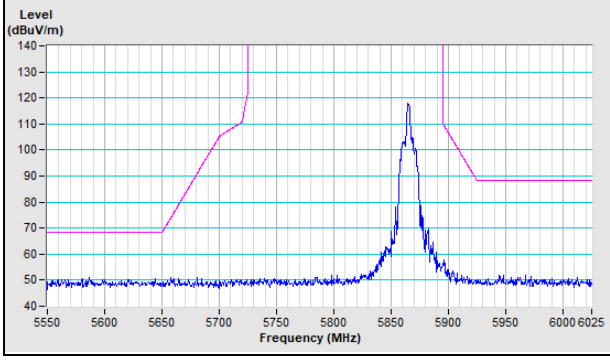
Horizontal (Peak)



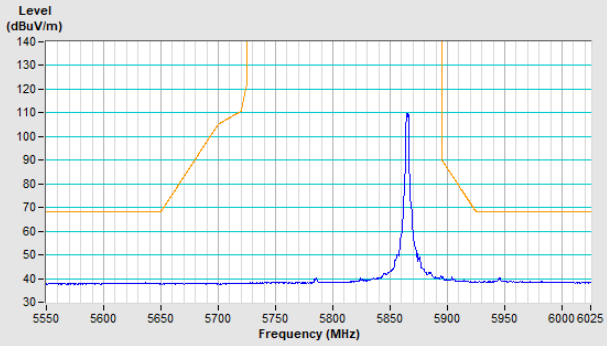
Horizontal (Average)

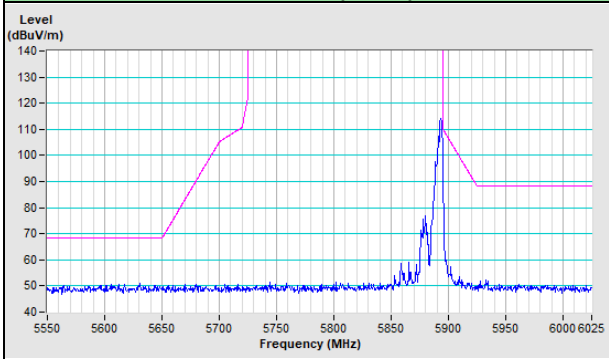
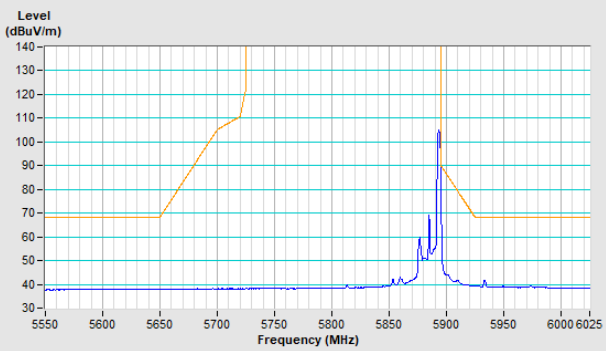
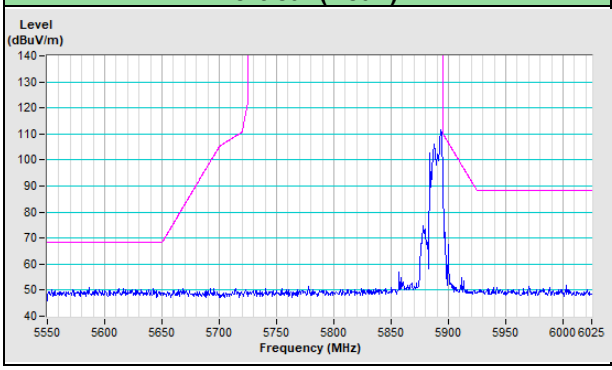
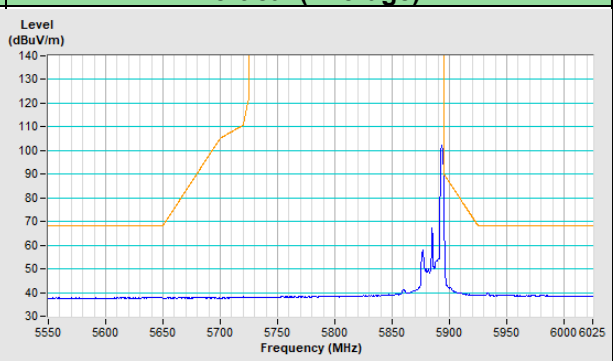


Vertical (Peak)



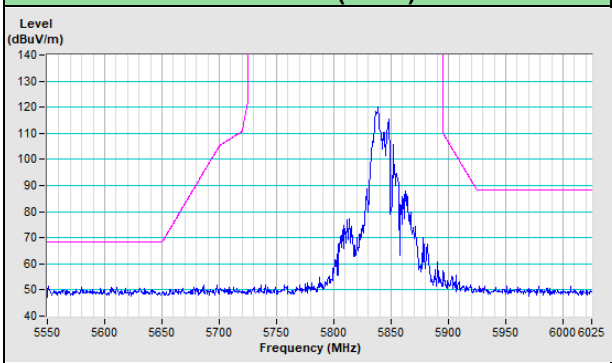
Vertical (Average)



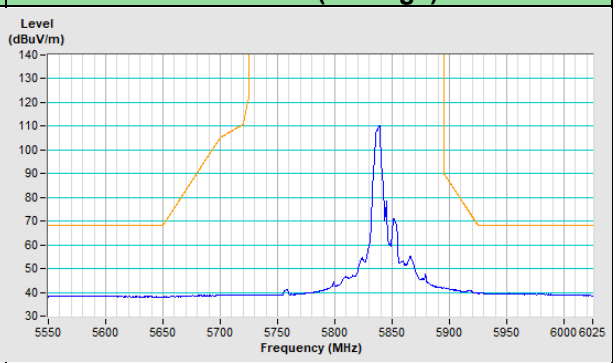
20 MHz Preamble 802.11ax (RU26) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

20 MHz Preamble 802.11ax (RU52) Channel 169

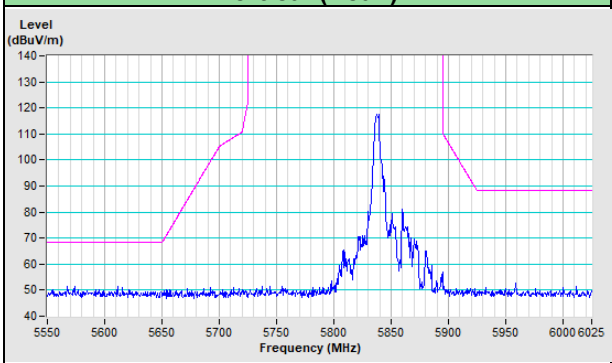
Horizontal (Peak)



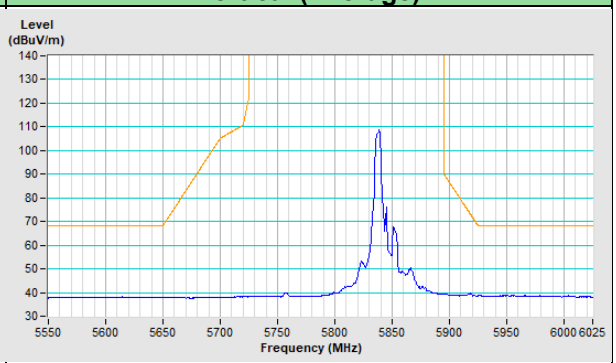
Horizontal (Average)



Vertical (Peak)

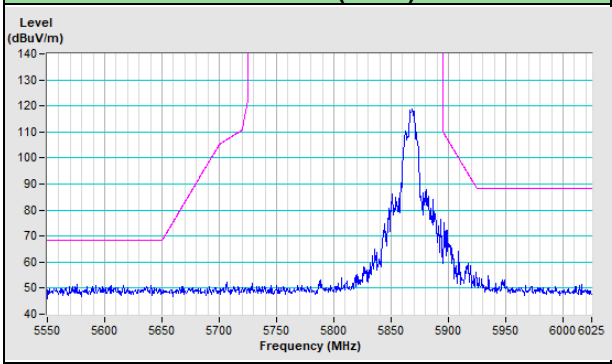


Vertical (Average)

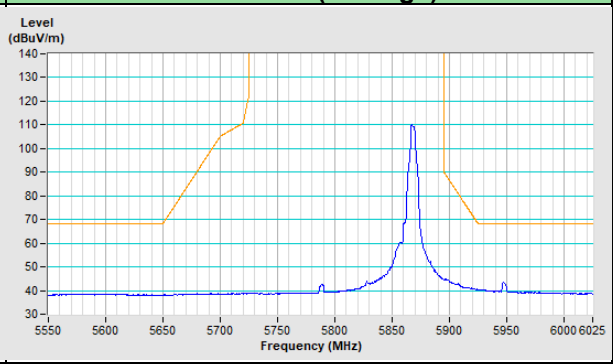


20 MHz Preamble 802.11ax (RU52) Channel 173

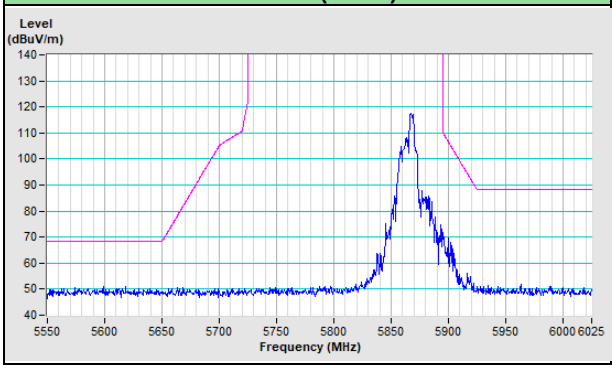
Horizontal (Peak)



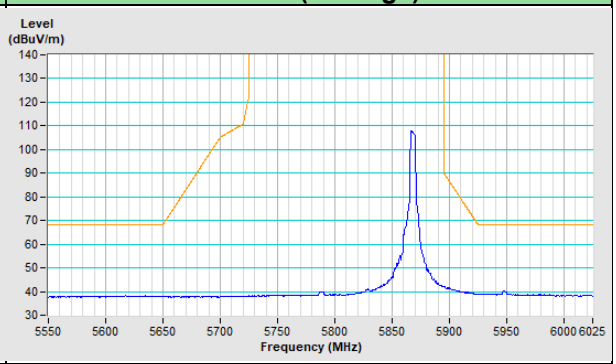
Horizontal (Average)

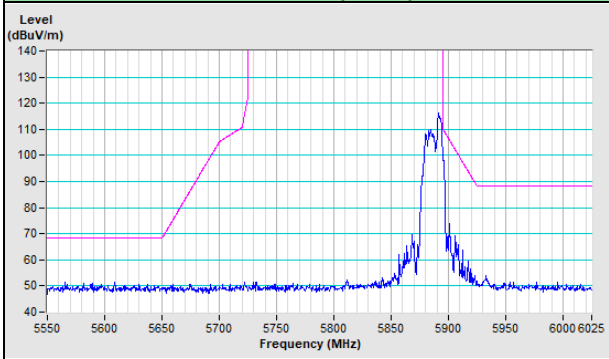
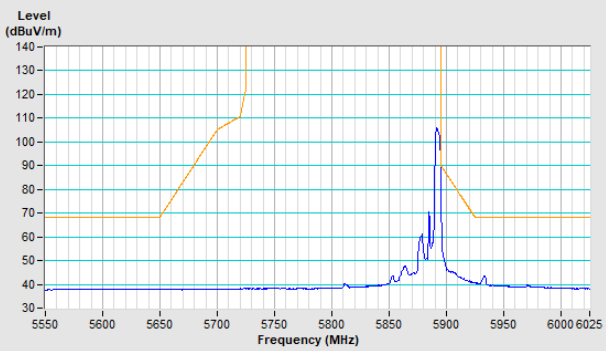
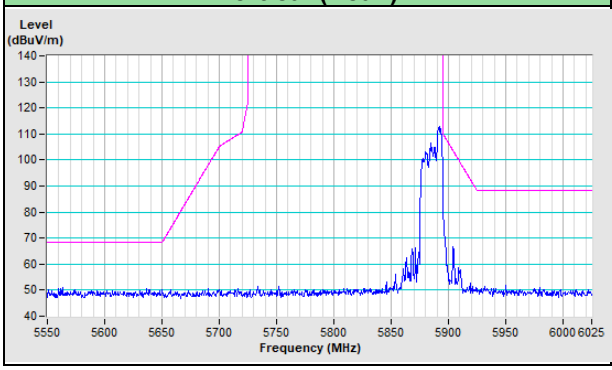
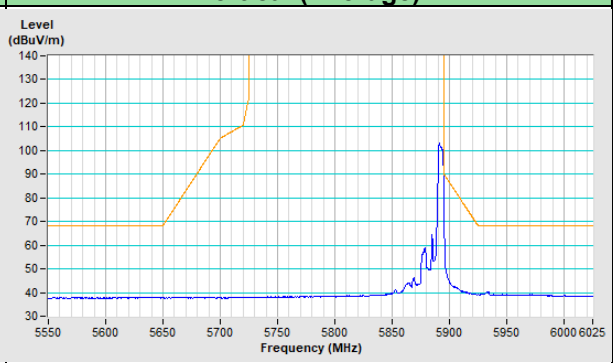


Vertical (Peak)



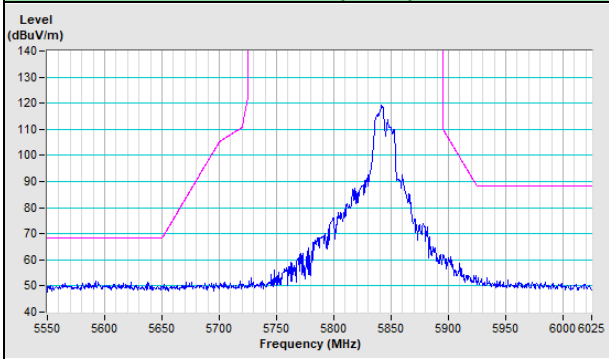
Vertical (Average)



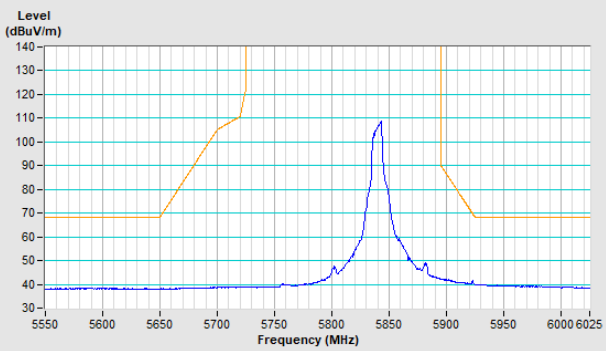
20 MHz Preamble 802.11ax (RU52) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

20 MHz Preamble 802.11ax (RU106) Channel 169

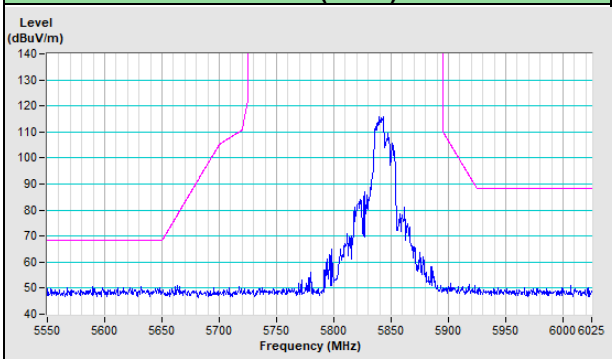
Horizontal (Peak)



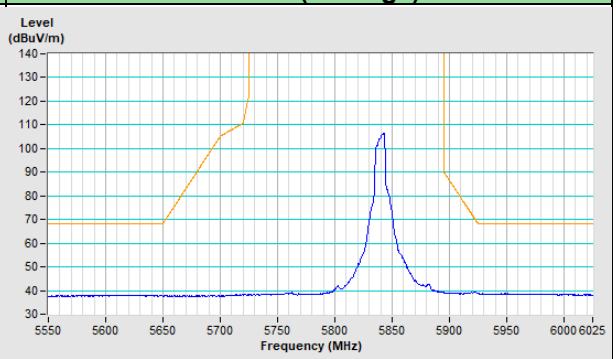
Horizontal (Average)



Vertical (Peak)

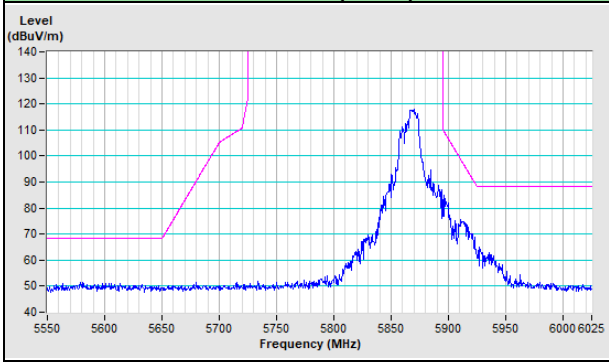


Vertical (Average)

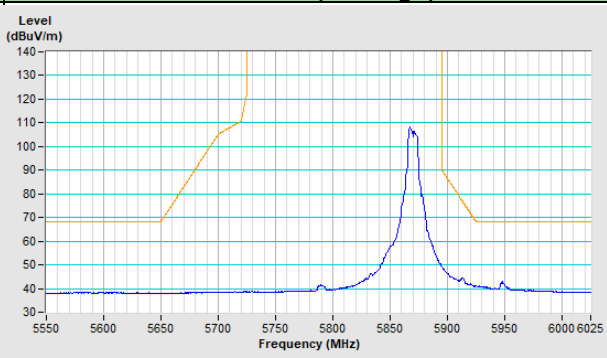


20 MHz Preamble 802.11ax (RU106) Channel 173

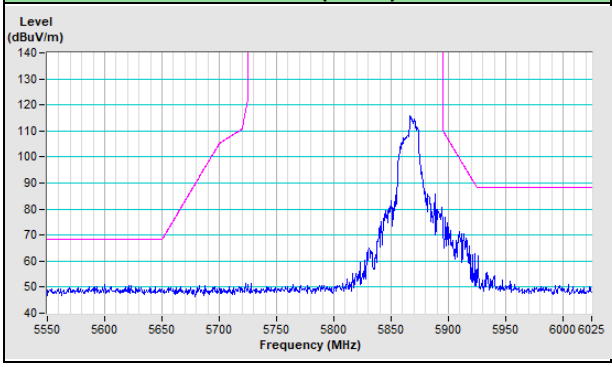
Horizontal (Peak)



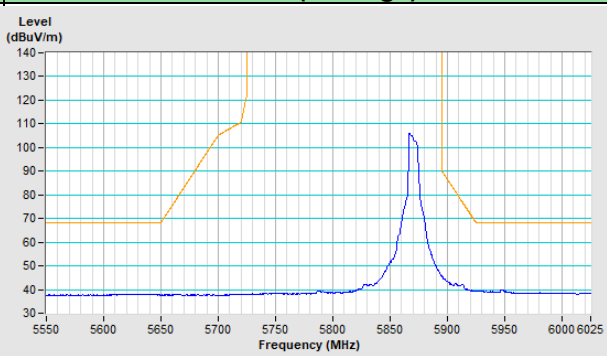
Horizontal (Average)

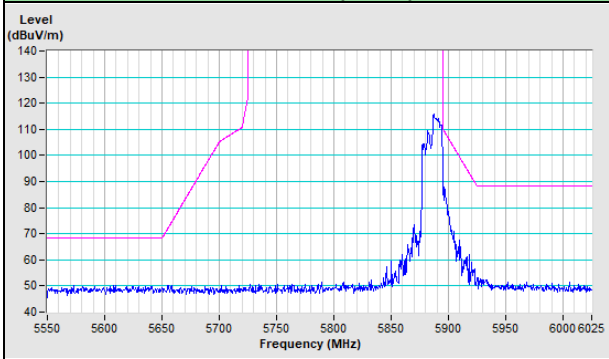
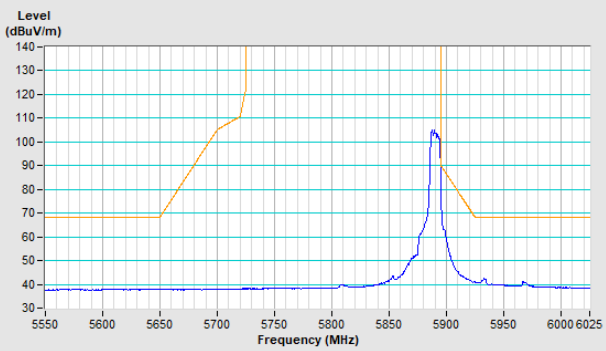
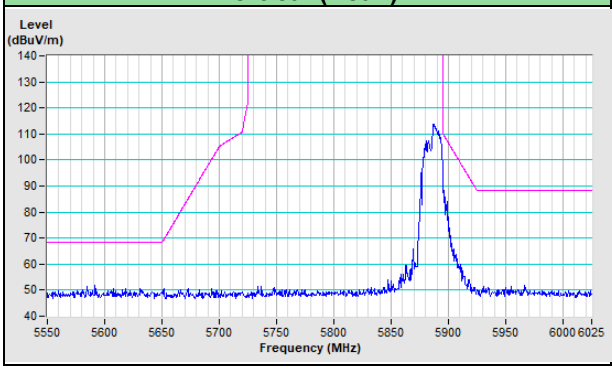
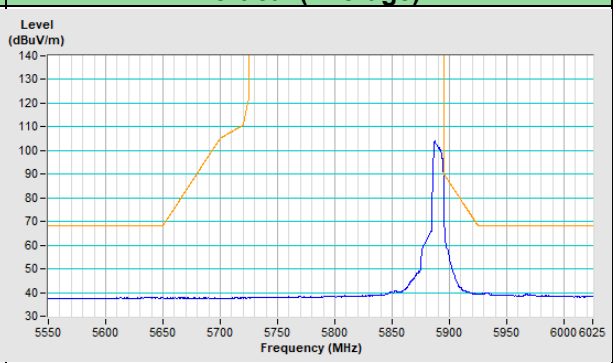


Vertical (Peak)



Vertical (Average)



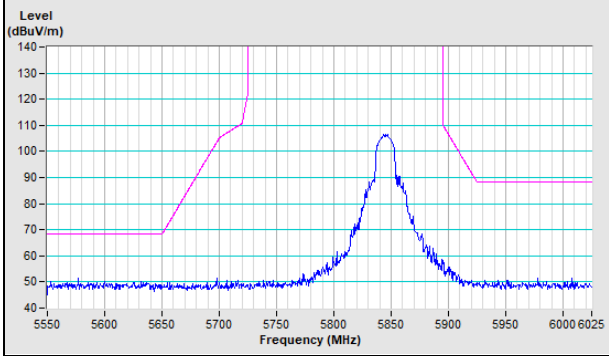
20 MHz Preamble 802.11ax (RU106) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

Annex A.2 - Band-Edge Measurement (Mode 2)

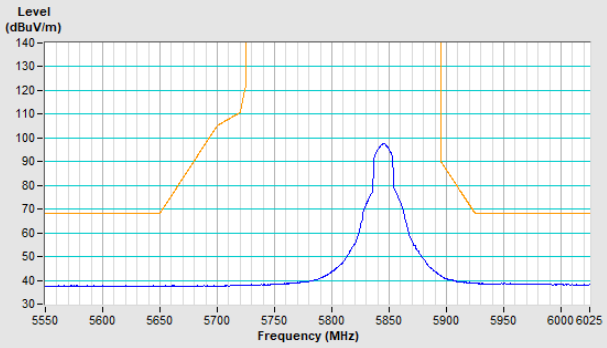
Dipole Antenna

802.11a Channel 169

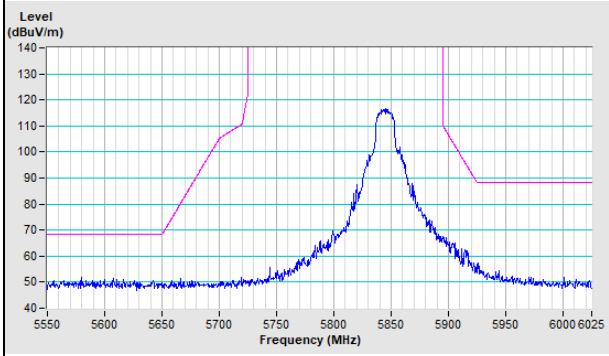
Horizontal (Peak)



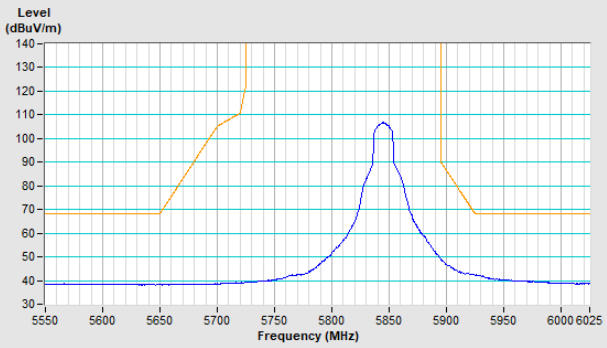
Horizontal (Average)



Vertical (Peak)

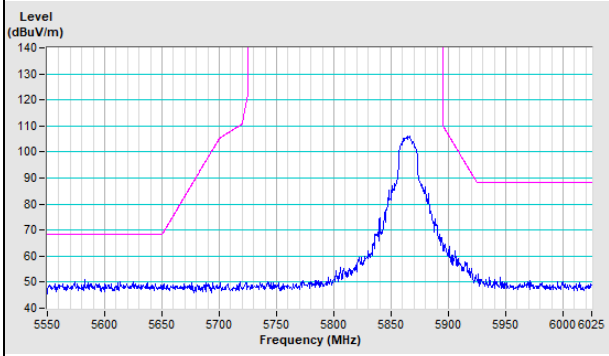


Vertical (Average)

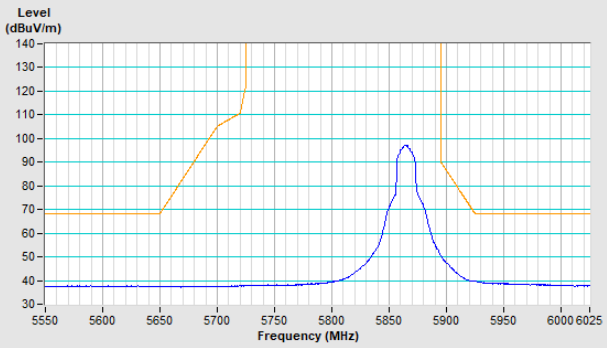


802.11a Channel 173

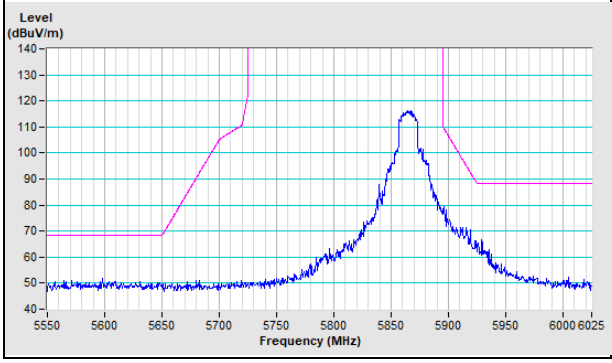
Horizontal (Peak)



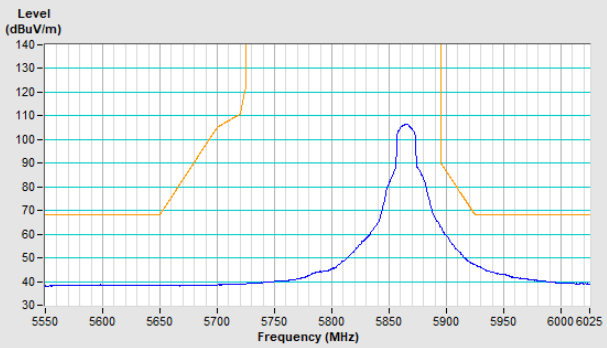
Horizontal (Average)

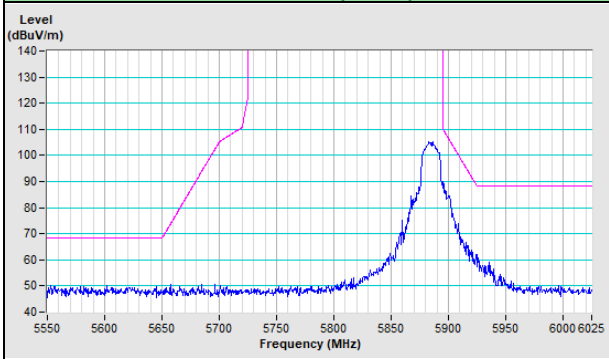
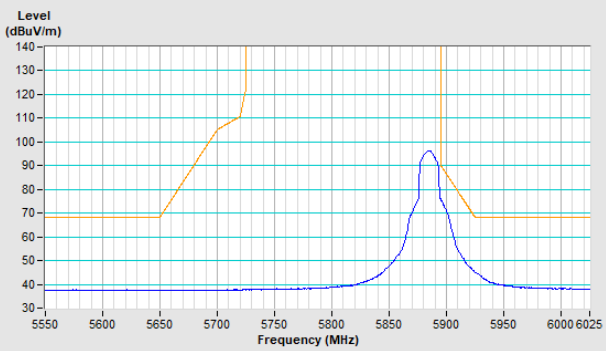
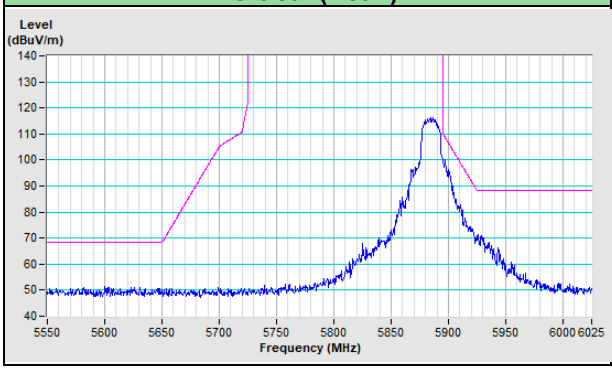
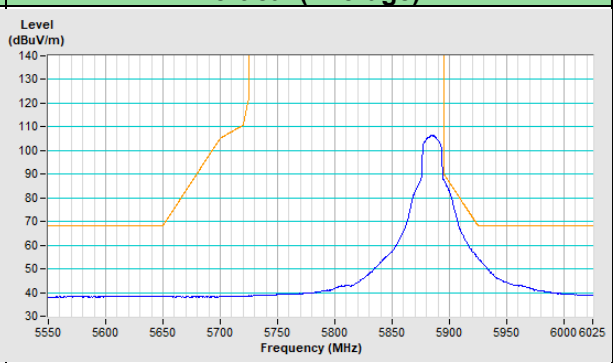


Vertical (Peak)



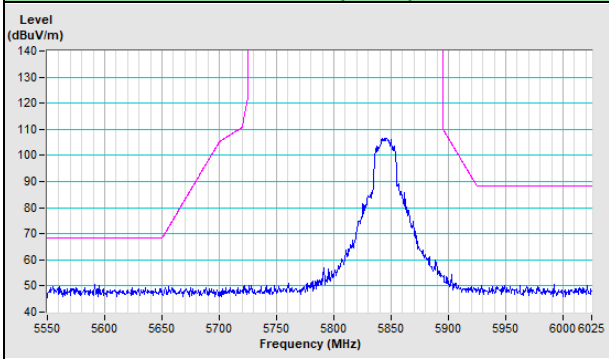
Vertical (Average)



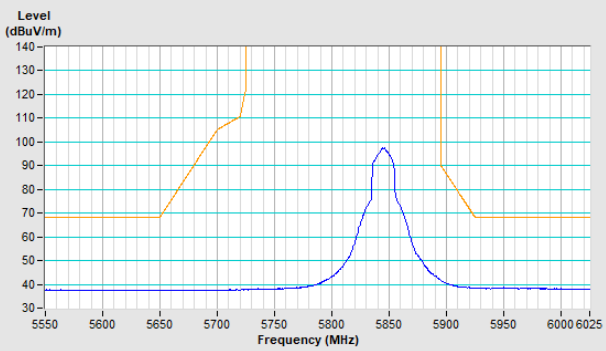
802.11a Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

802.11ax (HE20) Channel 169

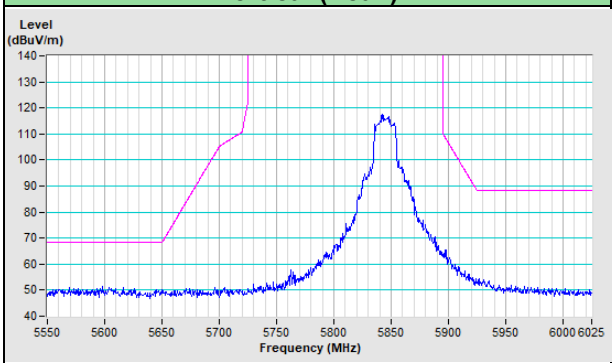
Horizontal (Peak)



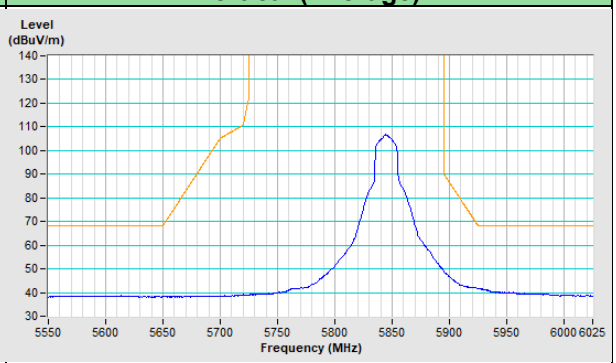
Horizontal (Average)



Vertical (Peak)

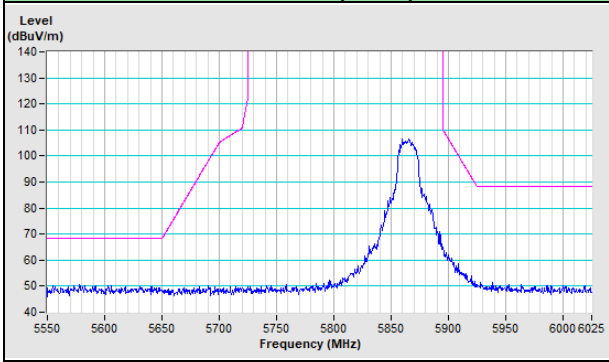


Vertical (Average)

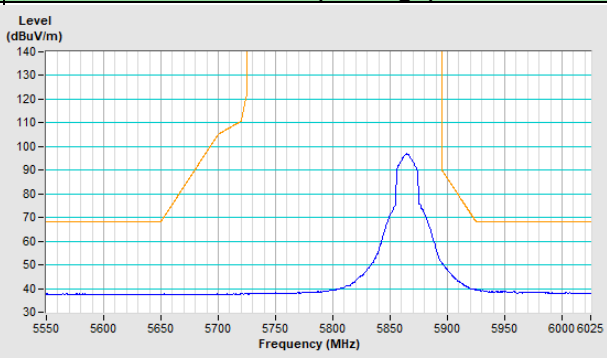


802.11ax (HE20) Channel 173

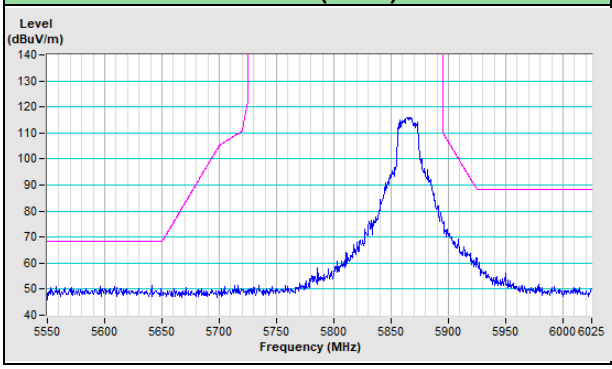
Horizontal (Peak)



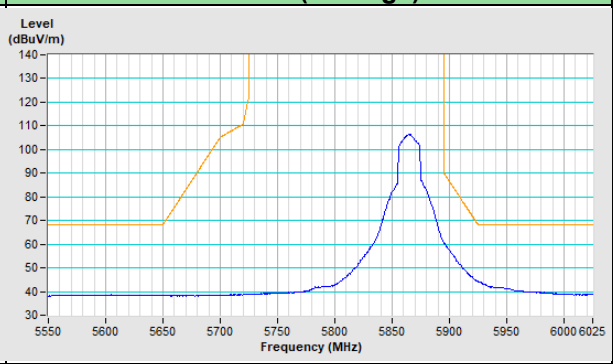
Horizontal (Average)

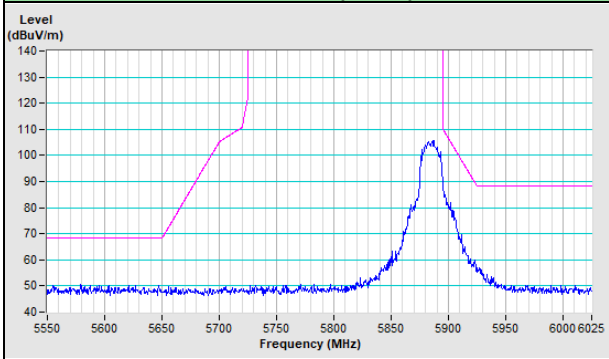
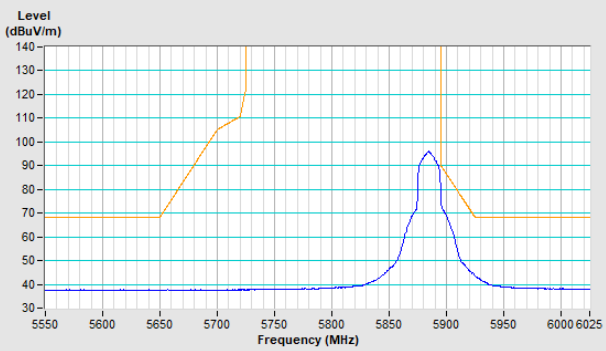
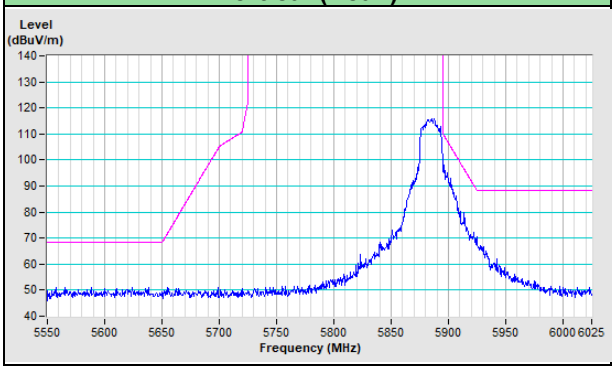
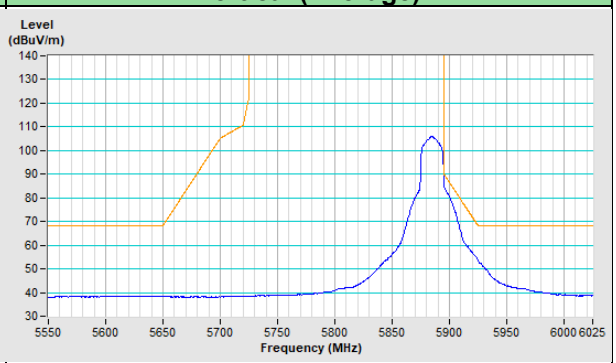


Vertical (Peak)



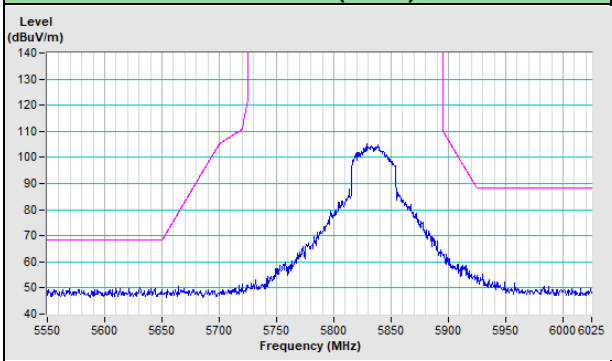
Vertical (Average)



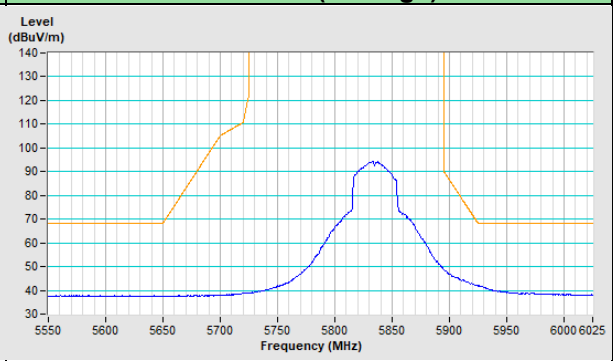
802.11ax (HE20) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

802.11ax (HE40) Channel 167

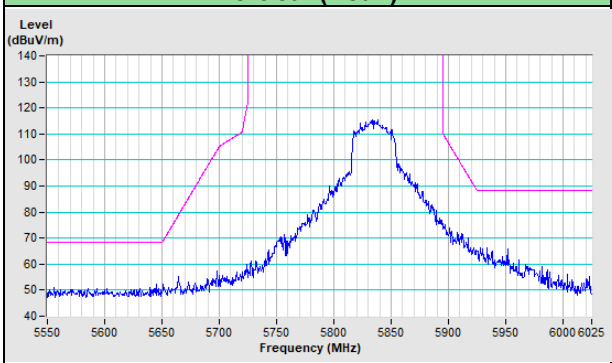
Horizontal (Peak)



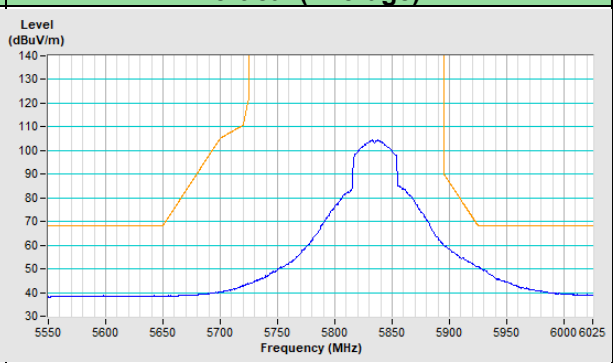
Horizontal (Average)



Vertical (Peak)

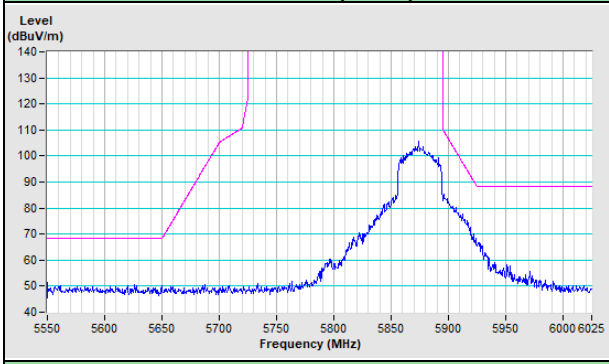


Vertical (Average)

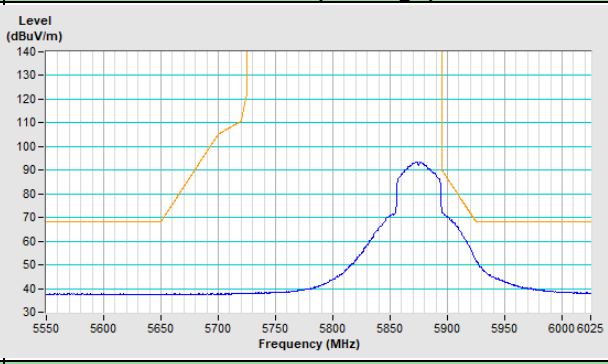


802.11ax (HE40) Channel 175

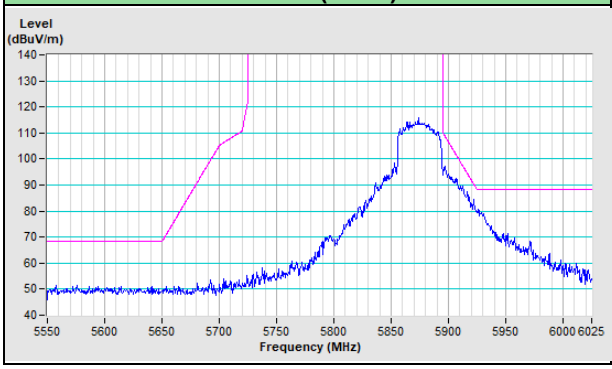
Horizontal (Peak)



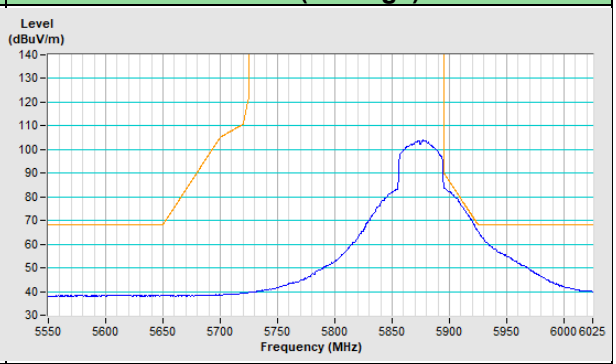
Horizontal (Average)

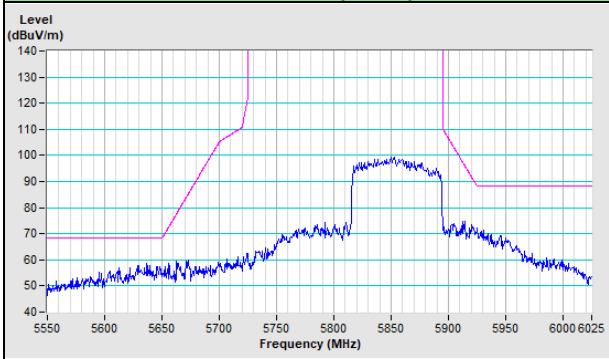
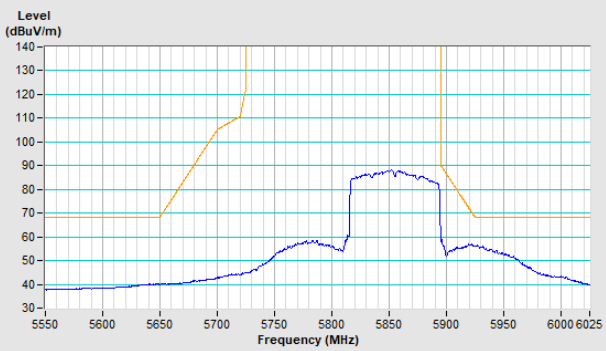
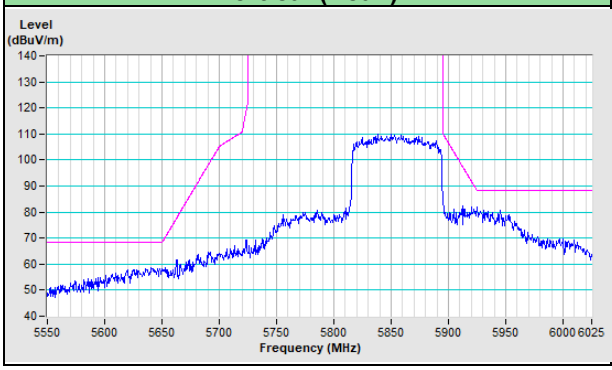
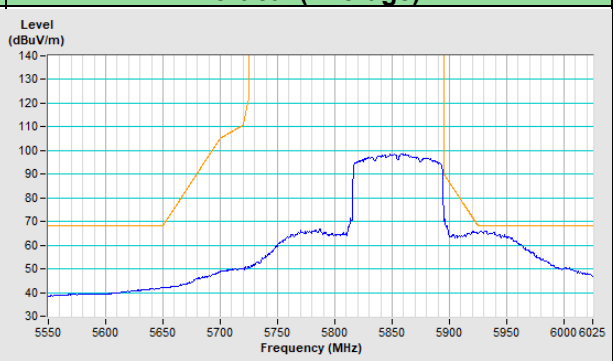


Vertical (Peak)



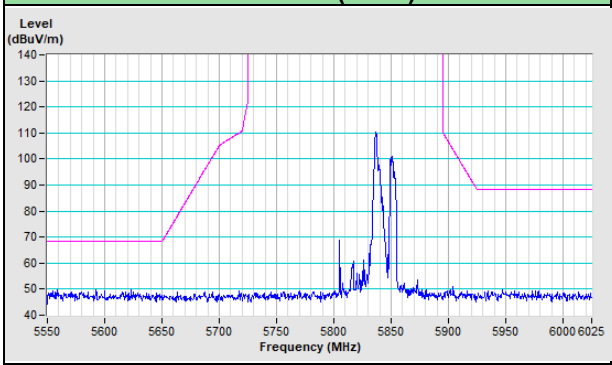
Vertical (Average)



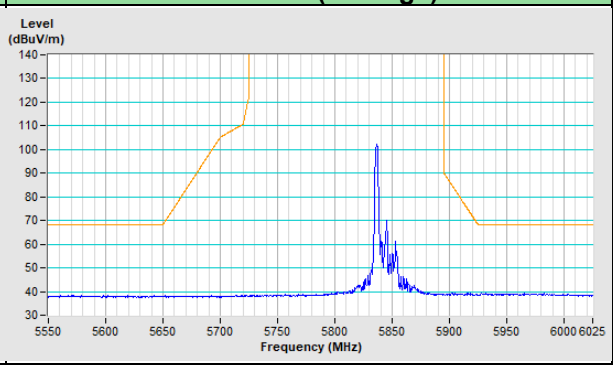
802.11ax (HE80) Channel 171	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

20 MHz Preamble 802.11ax (RU26) Channel 169

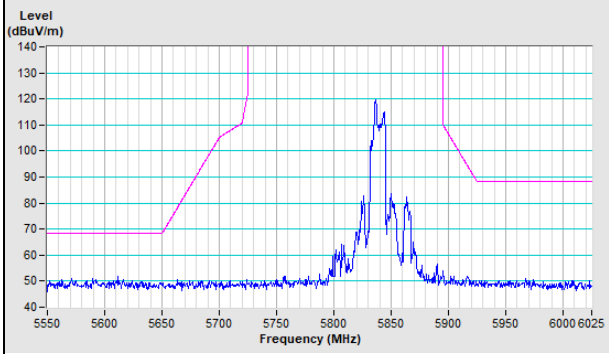
Horizontal (Peak)



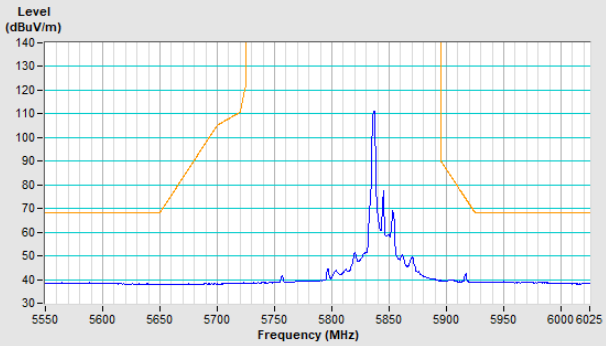
Horizontal (Average)



Vertical (Peak)

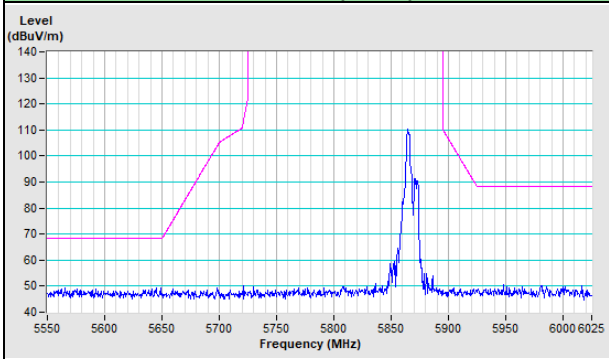


Vertical (Average)

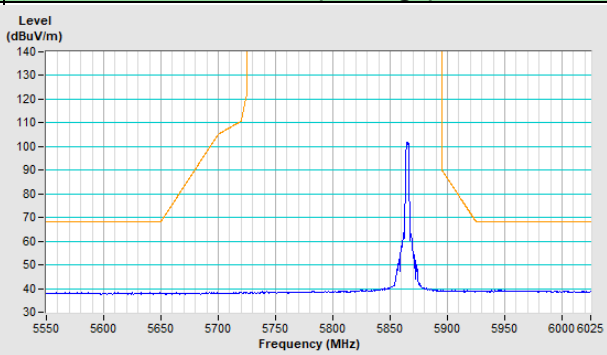


20 MHz Preamble 802.11ax (RU26) Channel 173

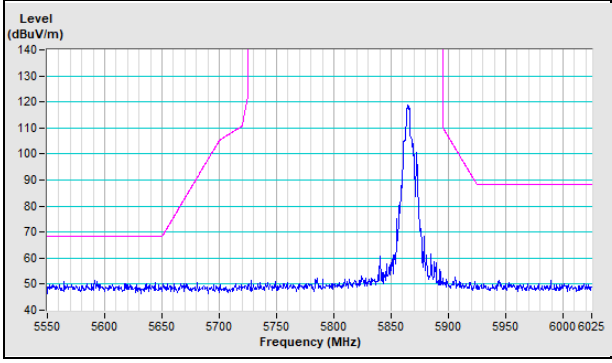
Horizontal (Peak)



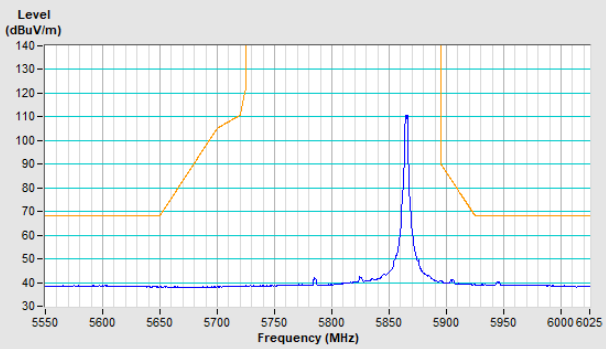
Horizontal (Average)

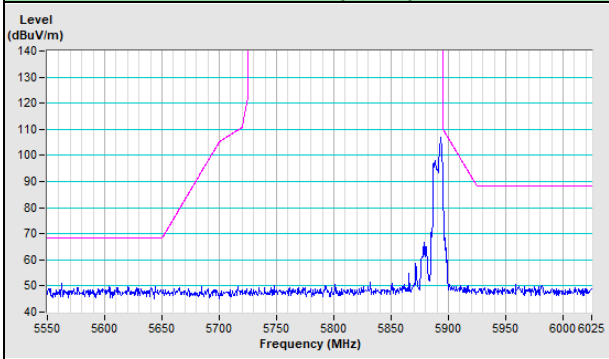
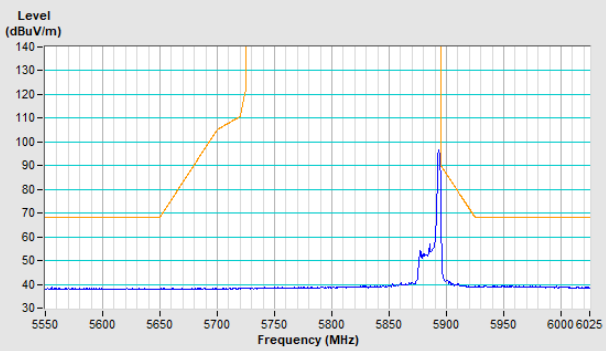
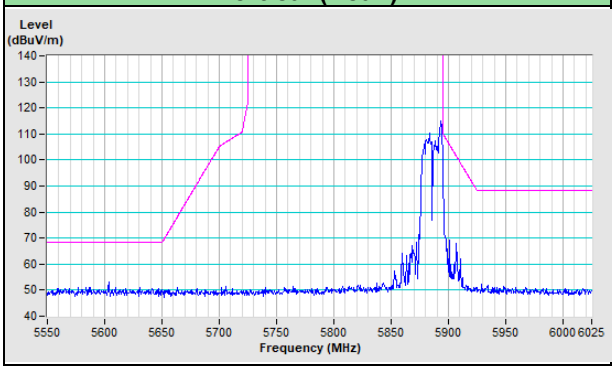
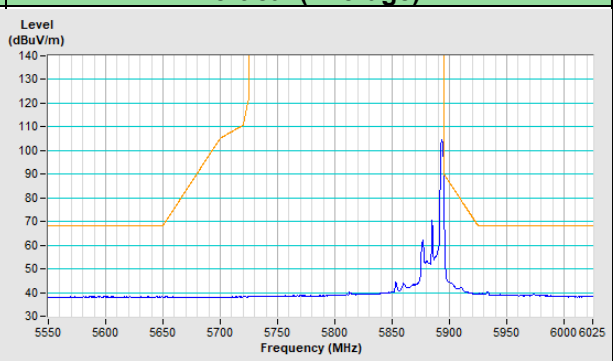


Vertical (Peak)



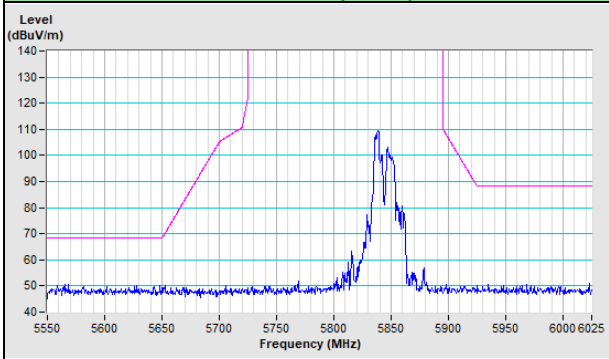
Vertical (Average)



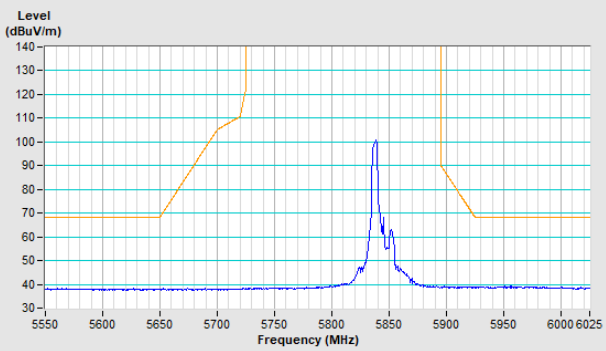
20 MHz Preamble 802.11ax (RU26) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

20 MHz Preamble 802.11ax (RU52) Channel 169

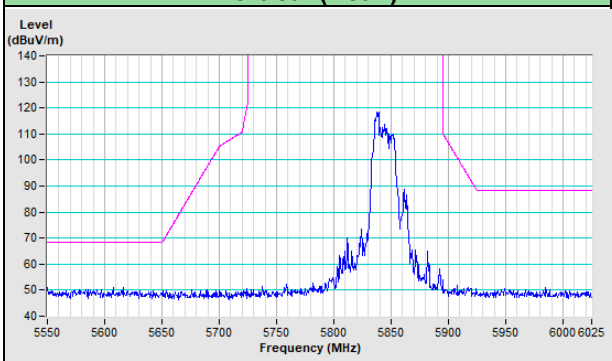
Horizontal (Peak)



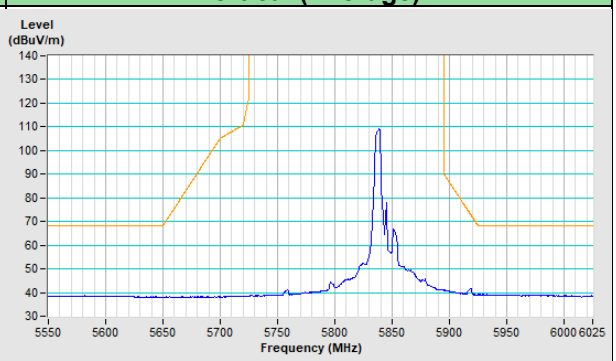
Horizontal (Average)



Vertical (Peak)

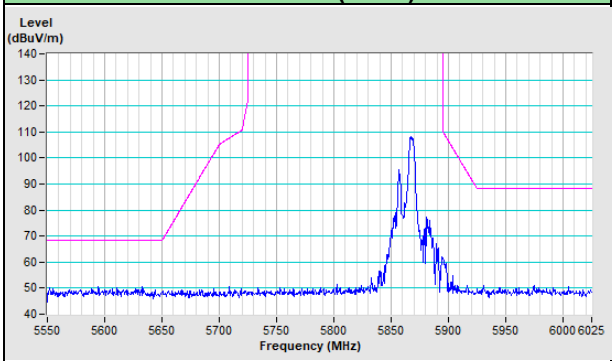


Vertical (Average)

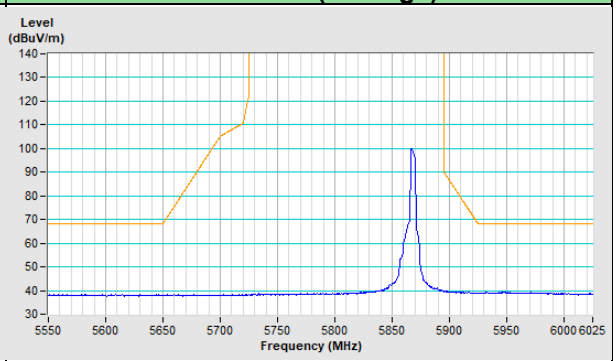


20 MHz Preamble 802.11ax (RU52) Channel 173

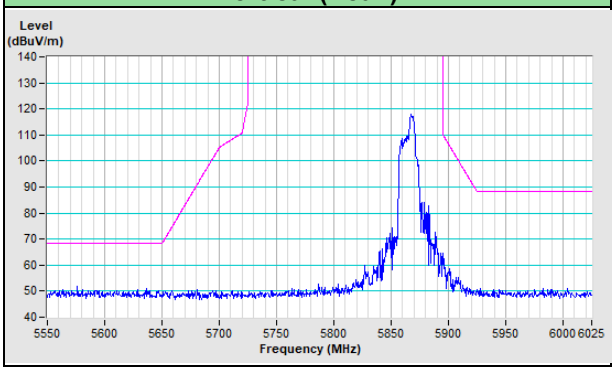
Horizontal (Peak)



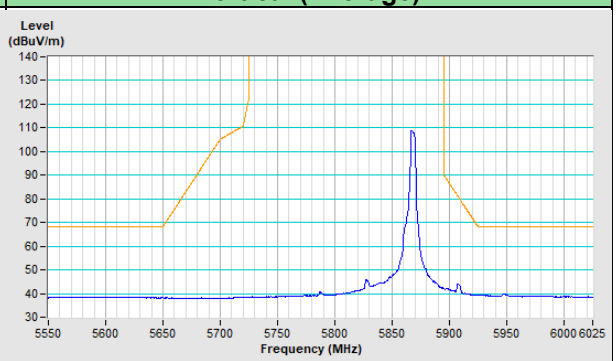
Horizontal (Average)

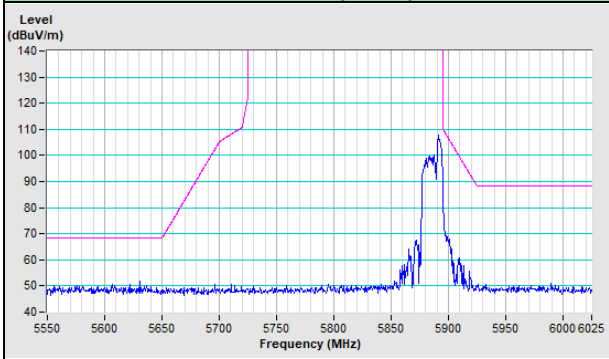
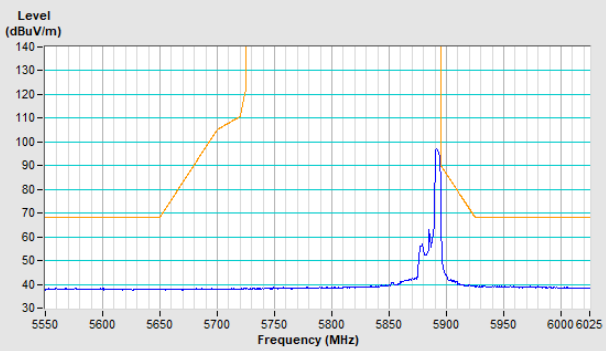
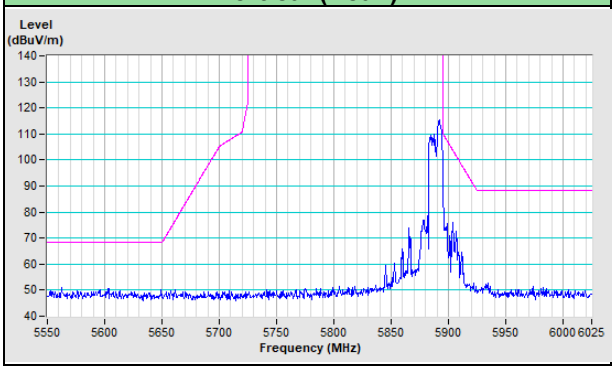
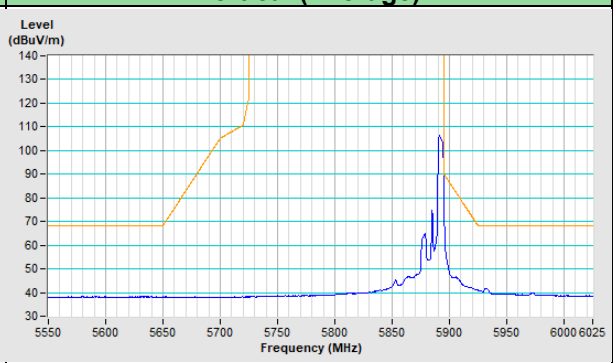


Vertical (Peak)



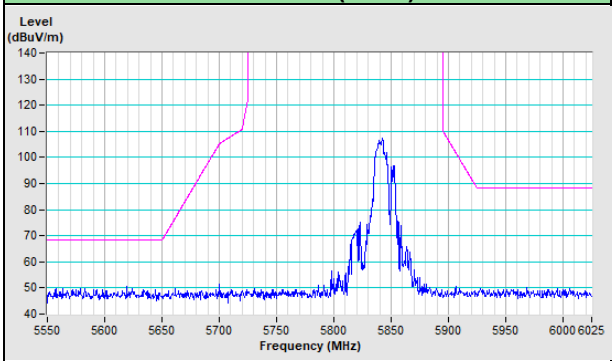
Vertical (Average)



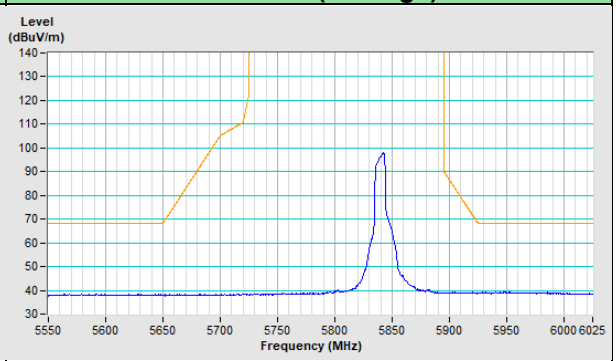
20 MHz Preamble 802.11ax (RU52) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

20 MHz Preamble 802.11ax (RU106) Channel 169

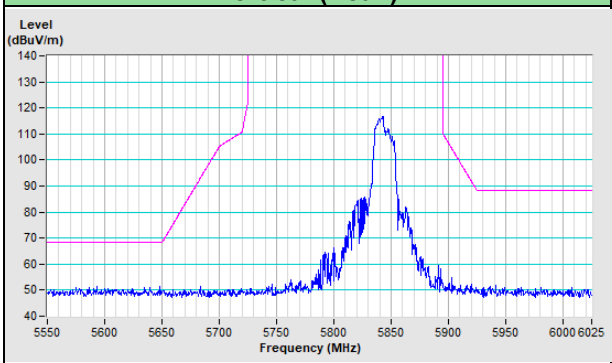
Horizontal (Peak)



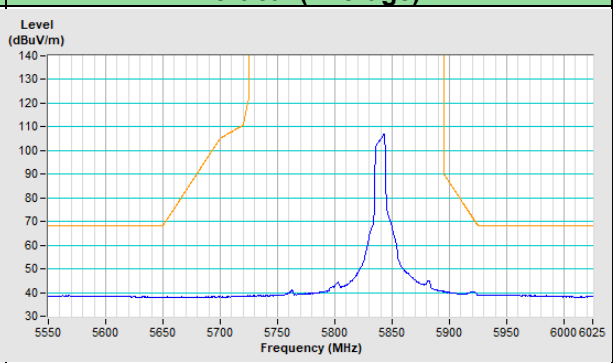
Horizontal (Average)



Vertical (Peak)

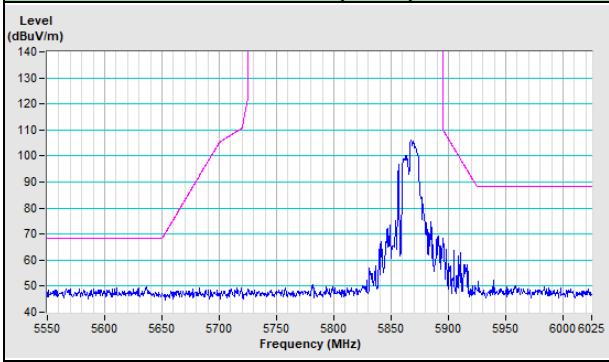


Vertical (Average)

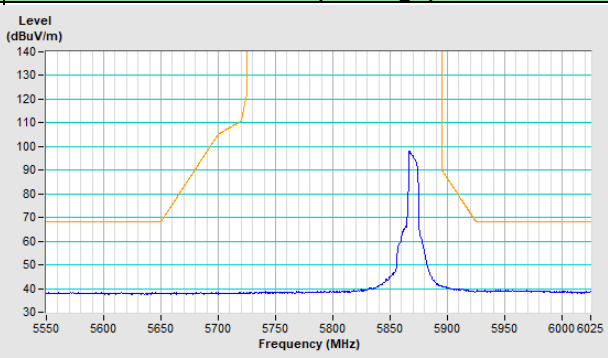


20 MHz Preamble 802.11ax (RU106) Channel 173

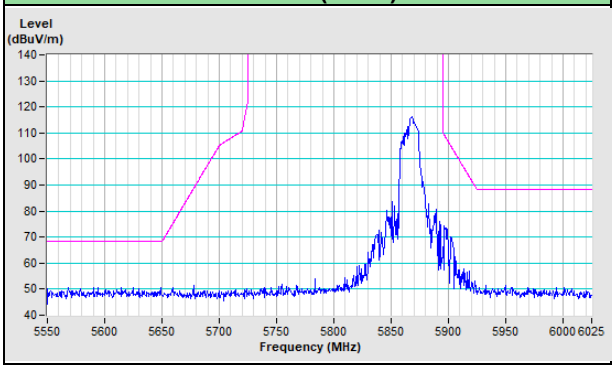
Horizontal (Peak)



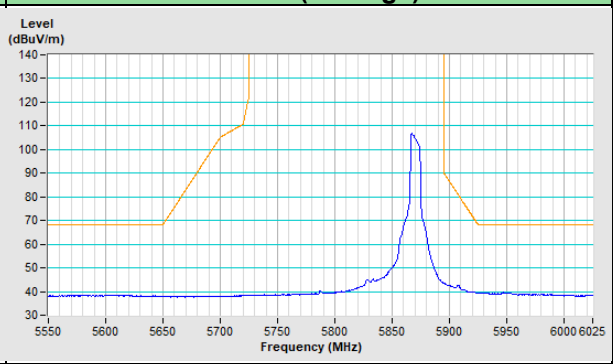
Horizontal (Average)

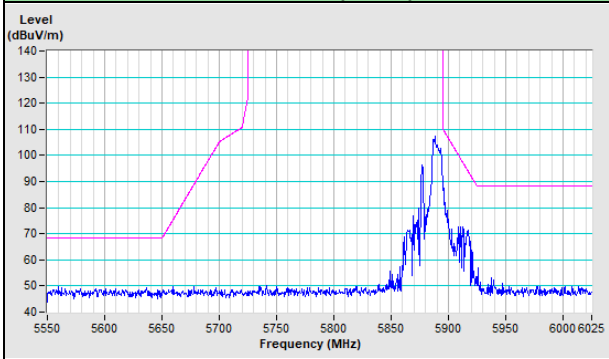
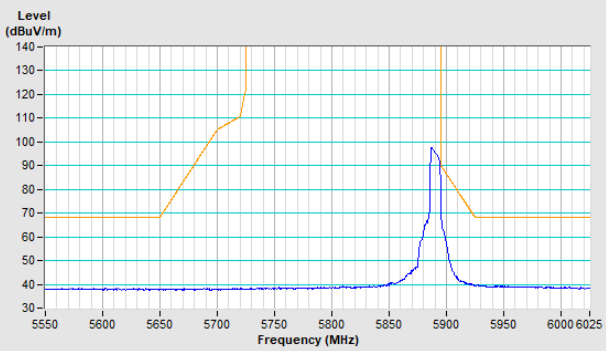
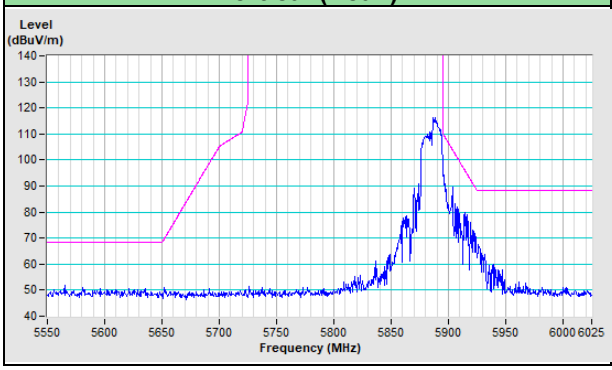
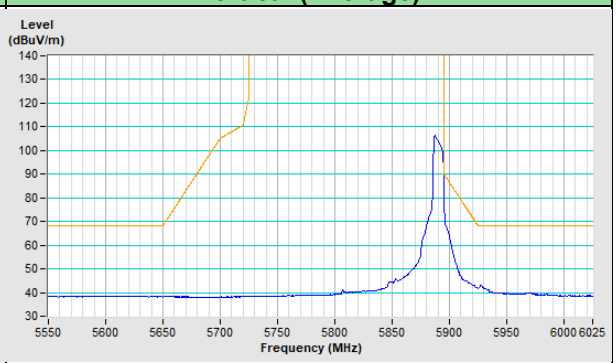


Vertical (Peak)



Vertical (Average)

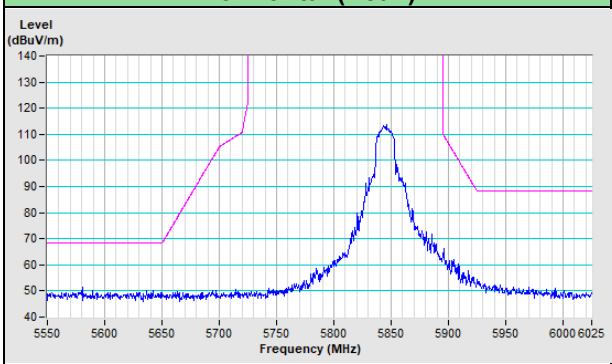


20 MHz Preamble 802.11ax (RU106) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

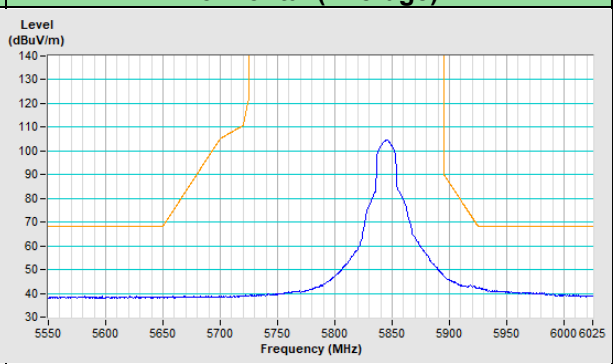
PIFA Antenna

802.11a Channel 169

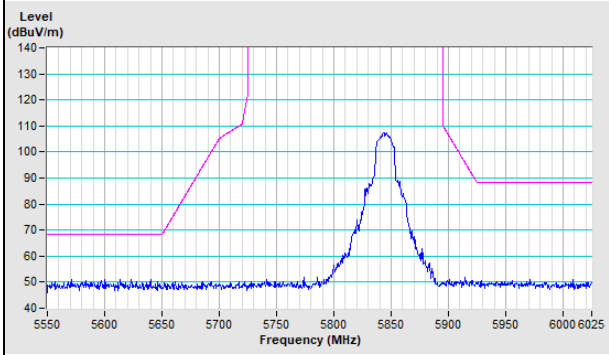
Horizontal (Peak)



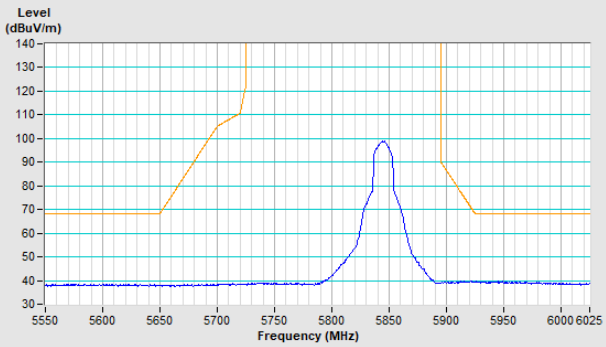
Horizontal (Average)



Vertical (Peak)

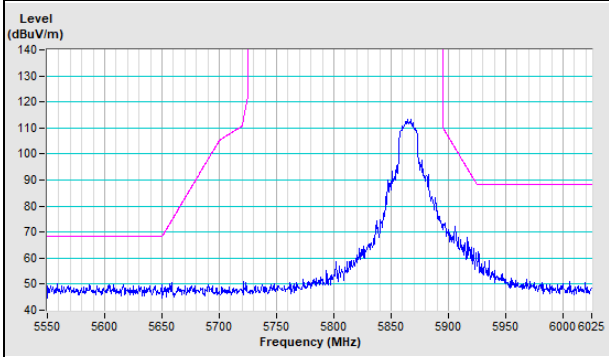


Vertical (Average)

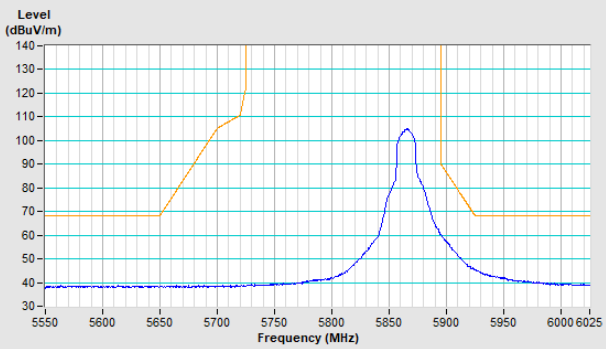


802.11a Channel 173

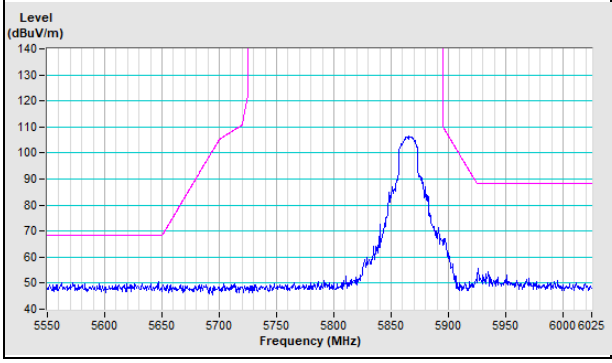
Horizontal (Peak)



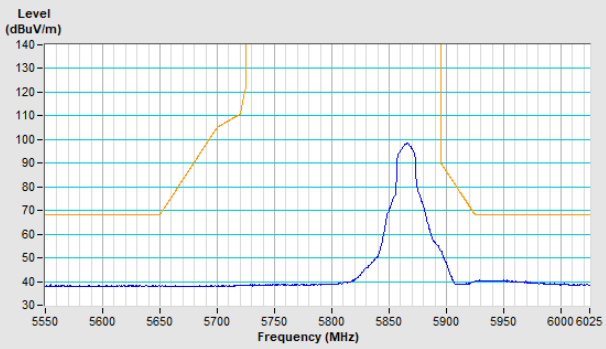
Horizontal (Average)

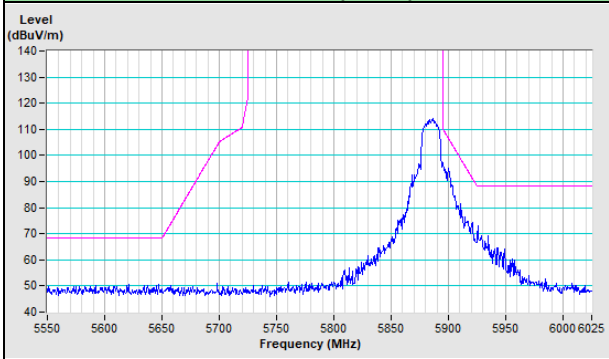
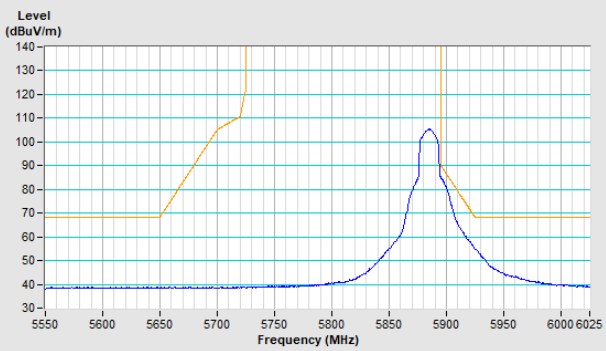
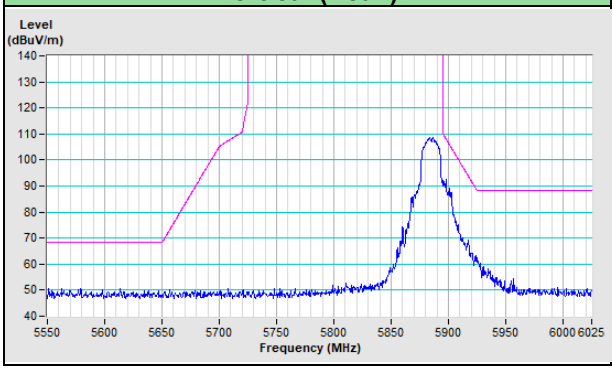
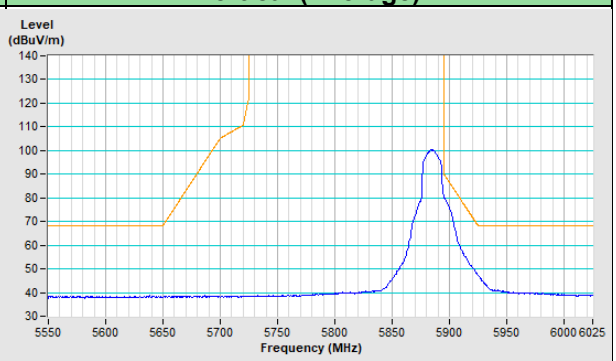


Vertical (Peak)



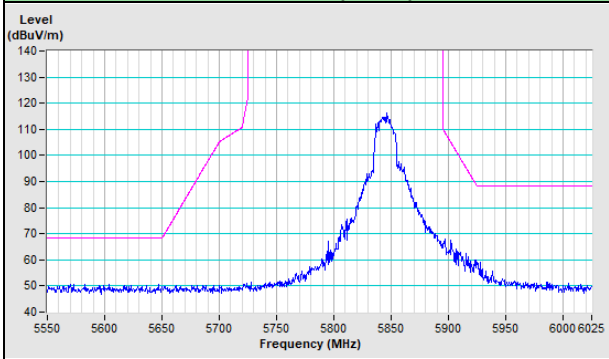
Vertical (Average)



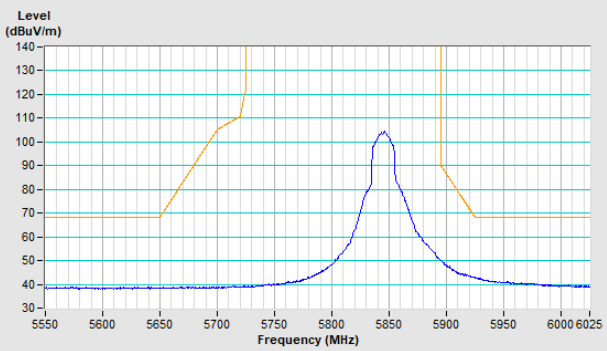
802.11a Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

802.11ax (HE20) Channel 169

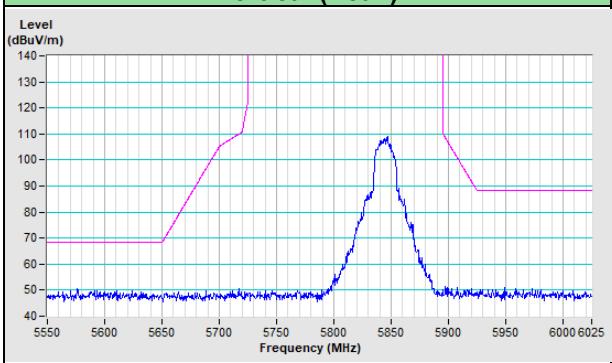
Horizontal (Peak)



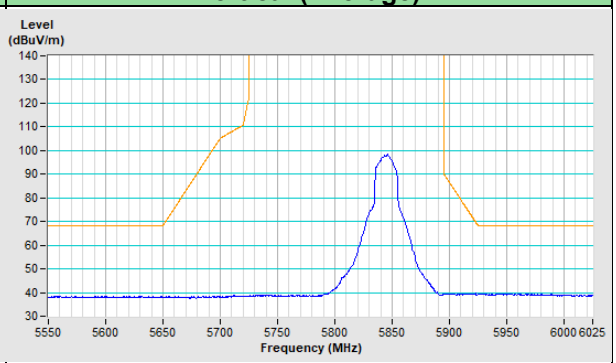
Horizontal (Average)



Vertical (Peak)

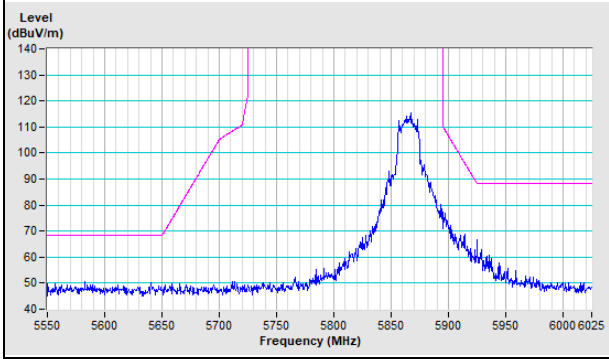


Vertical (Average)

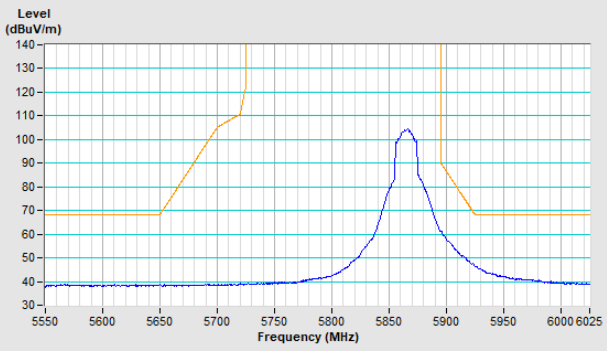


802.11ax (HE20) Channel 173

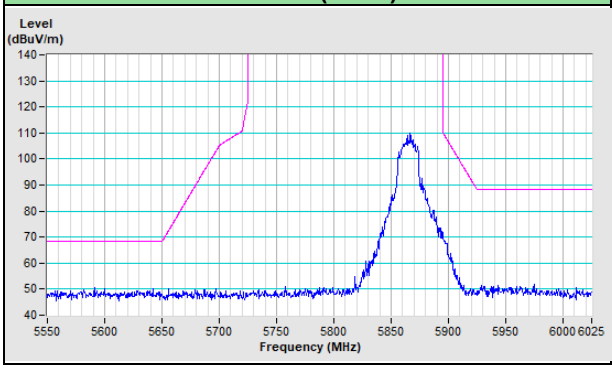
Horizontal (Peak)



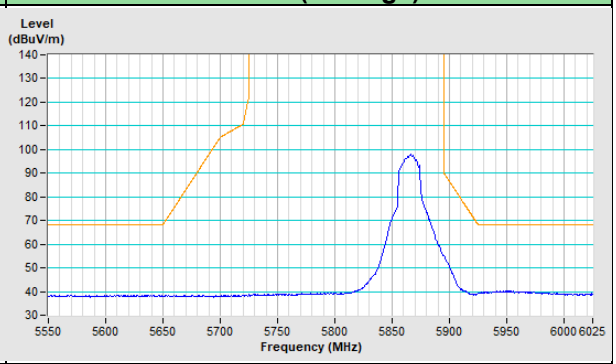
Horizontal (Average)

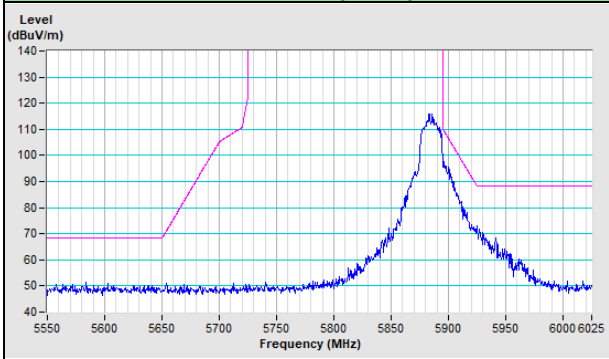
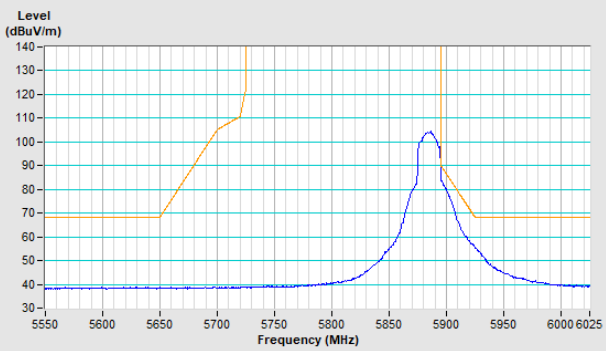
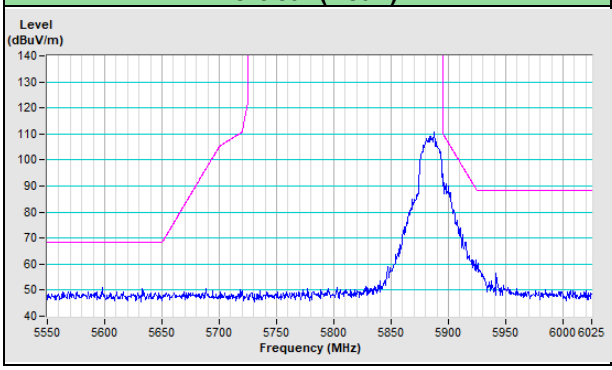
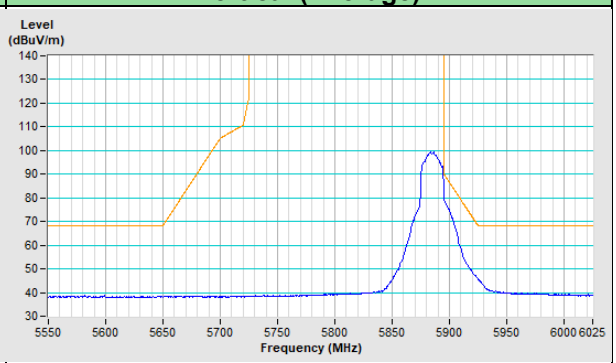


Vertical (Peak)



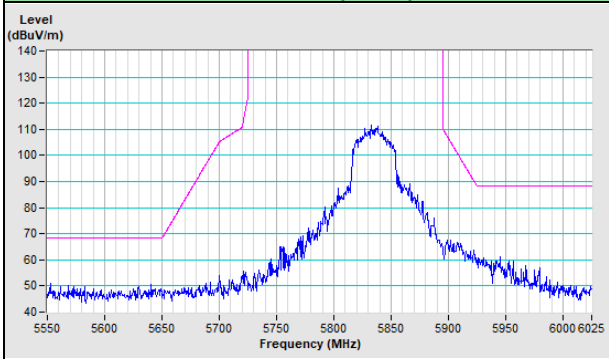
Vertical (Average)



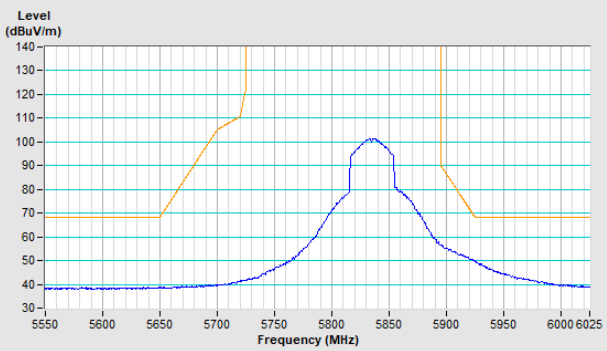
802.11ax (HE20) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

802.11ax (HE40) Channel 167

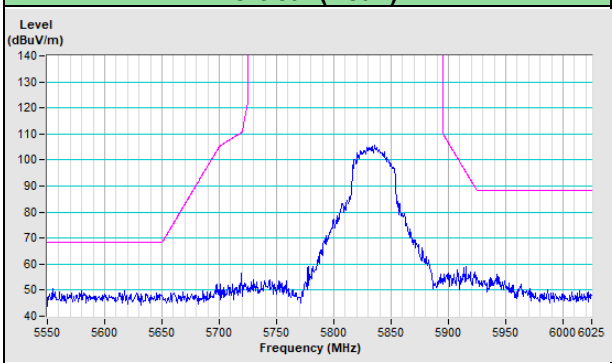
Horizontal (Peak)



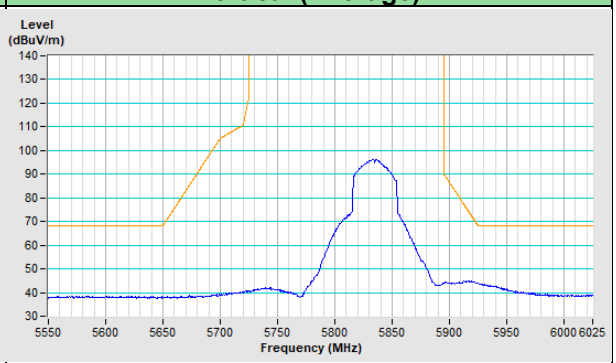
Horizontal (Average)



Vertical (Peak)

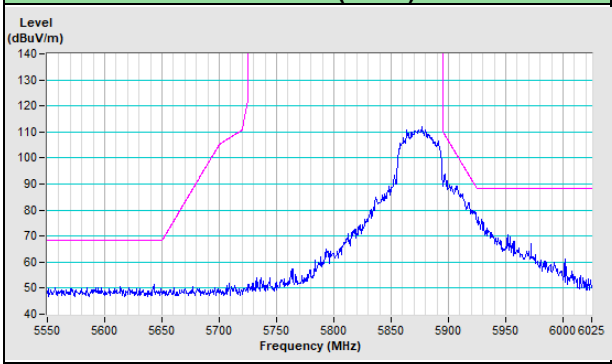


Vertical (Average)

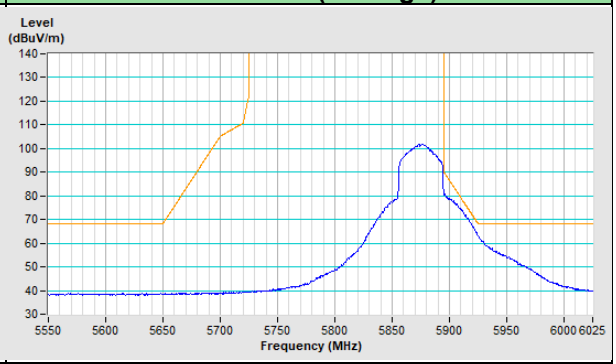


802.11ax (HE40) Channel 175

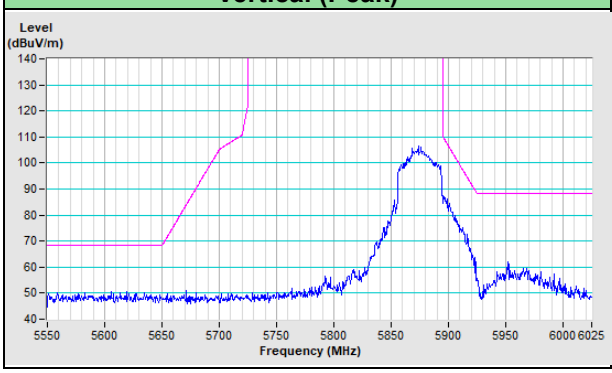
Horizontal (Peak)



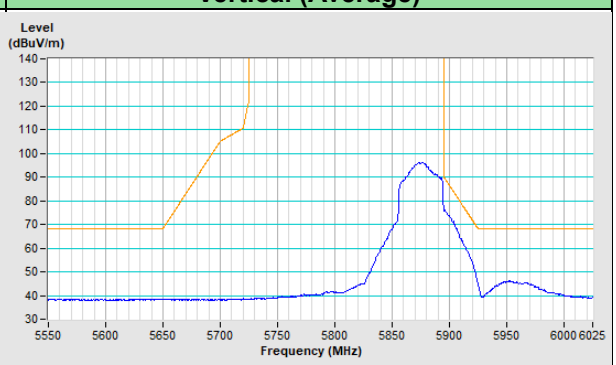
Horizontal (Average)

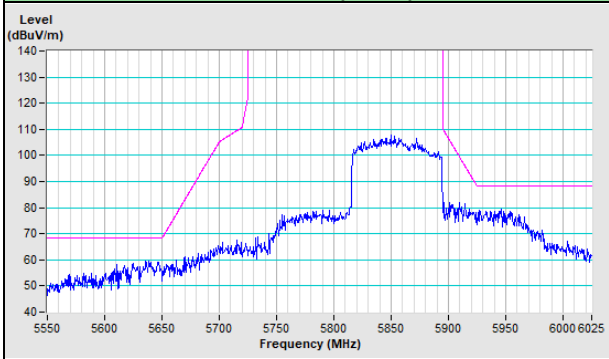
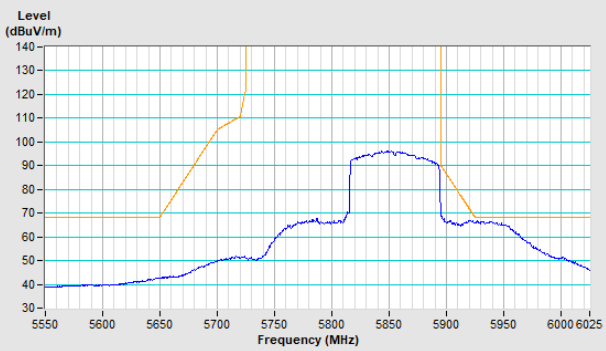
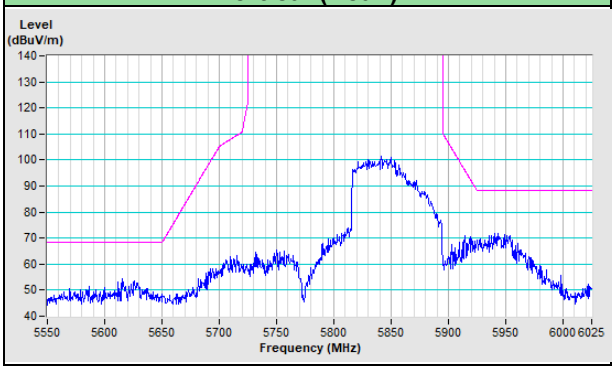
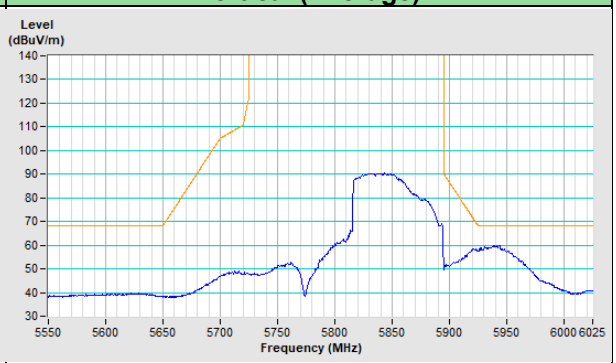


Vertical (Peak)



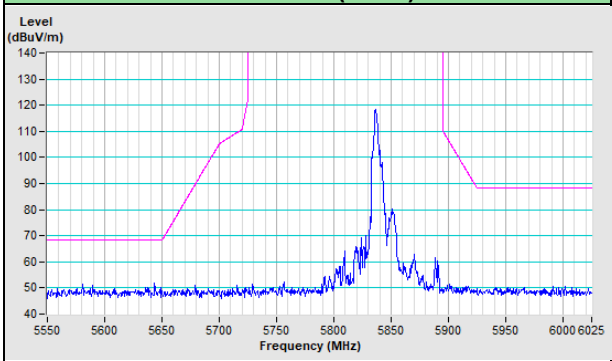
Vertical (Average)



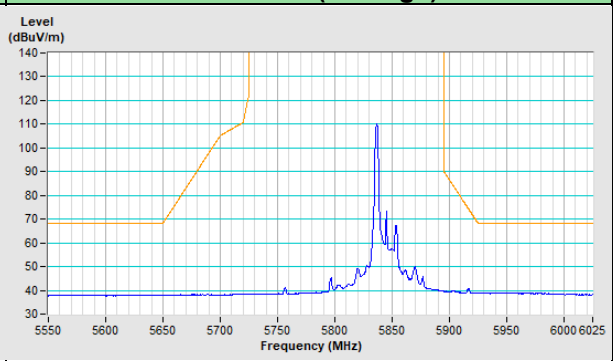
802.11ax (HE80) Channel 171	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

20 MHz Preamble 802.11ax (RU26) Channel 169

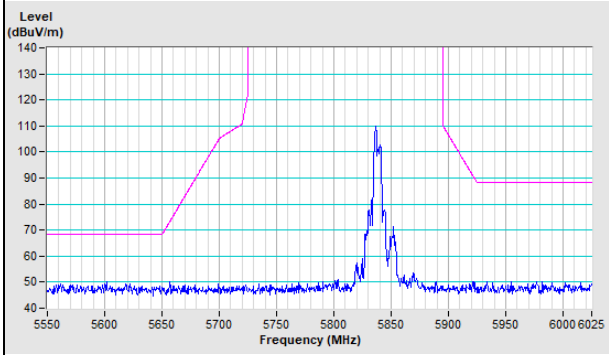
Horizontal (Peak)



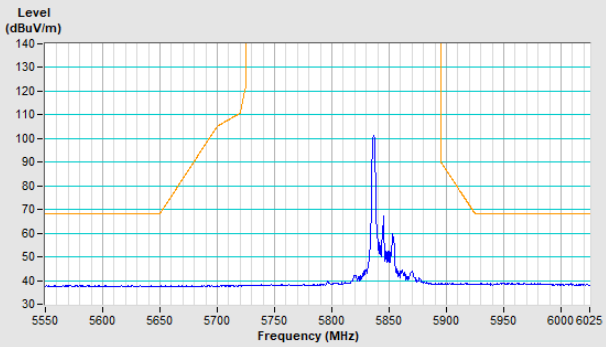
Horizontal (Average)



Vertical (Peak)

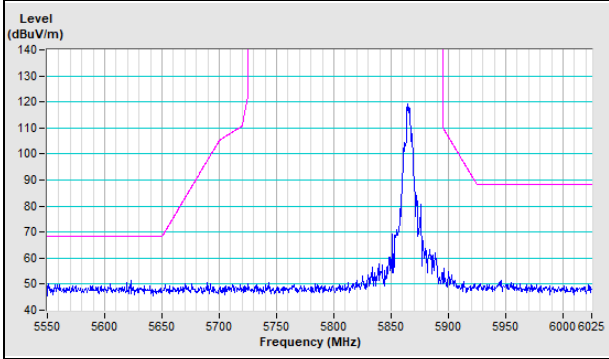


Vertical (Average)

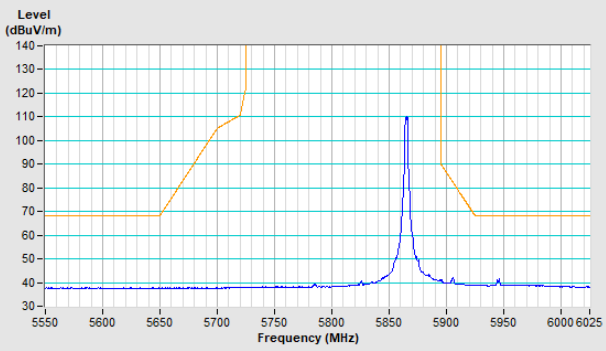


20 MHz Preamble 802.11ax (RU26) Channel 173

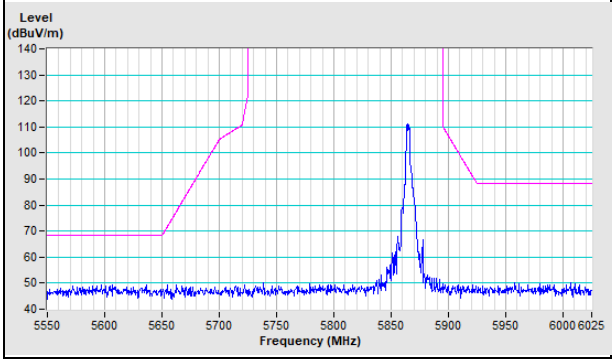
Horizontal (Peak)



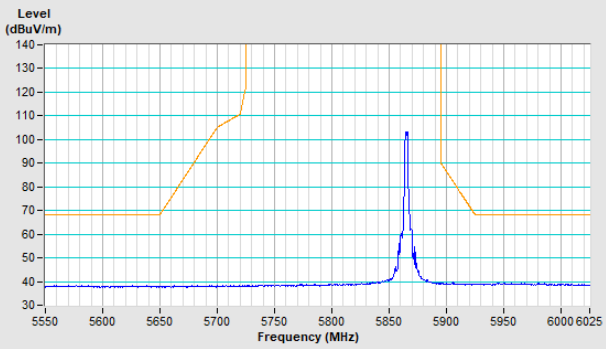
Horizontal (Average)

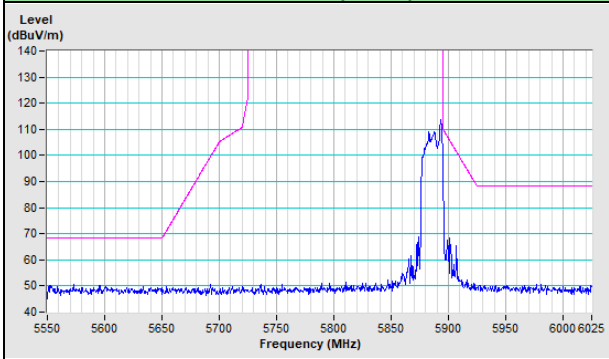
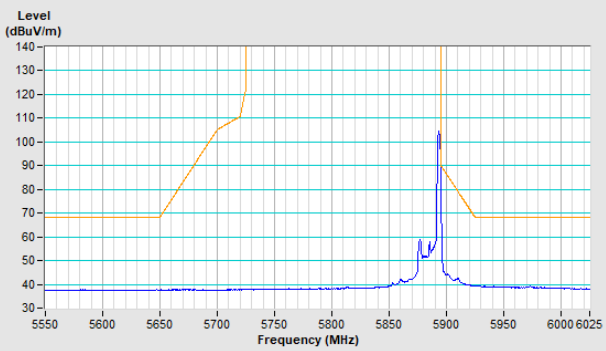
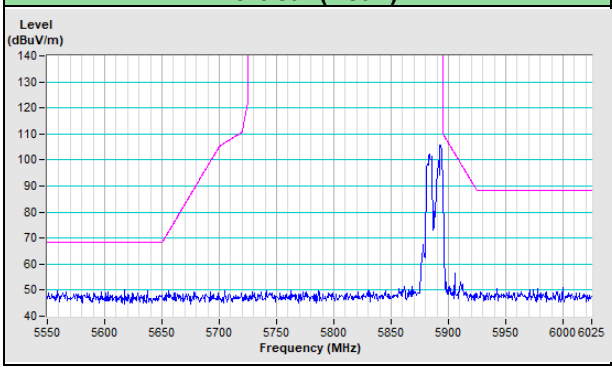
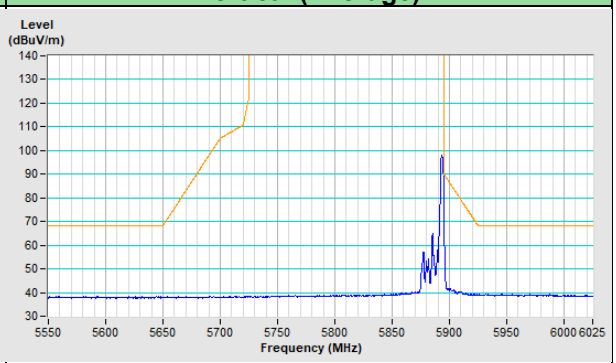


Vertical (Peak)



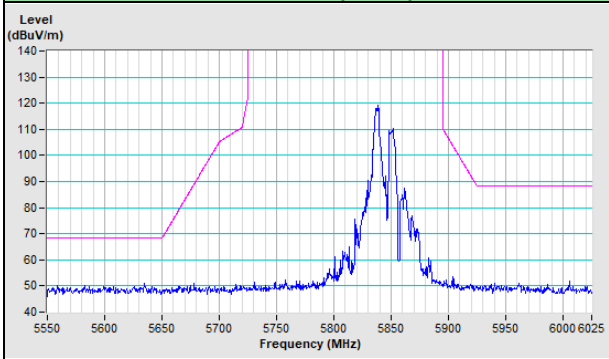
Vertical (Average)



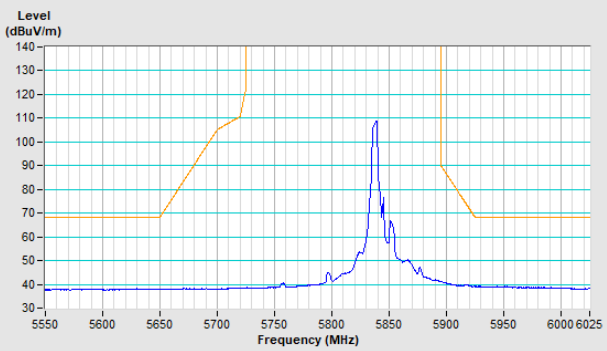
20 MHz Preamble 802.11ax (RU26) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

20 MHz Preamble 802.11ax (RU52) Channel 169

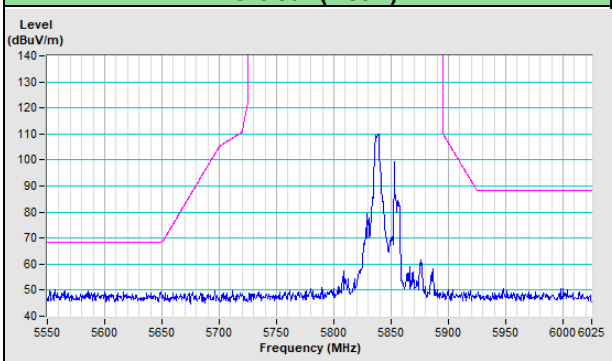
Horizontal (Peak)



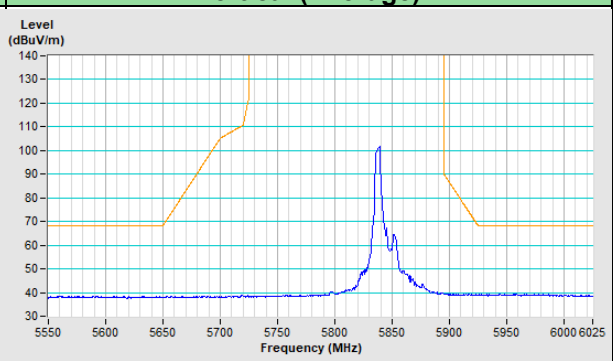
Horizontal (Average)



Vertical (Peak)

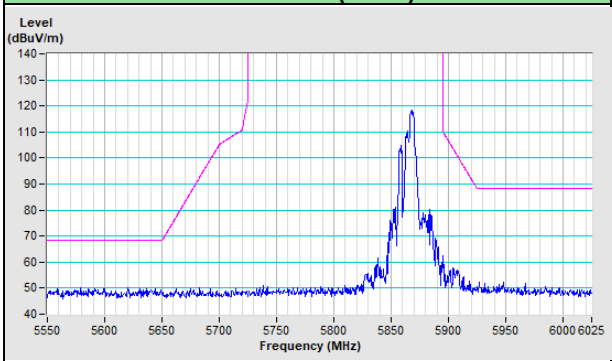


Vertical (Average)

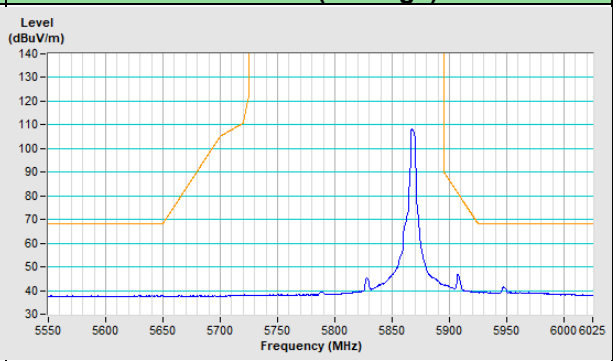


20 MHz Preamble 802.11ax (RU52) Channel 173

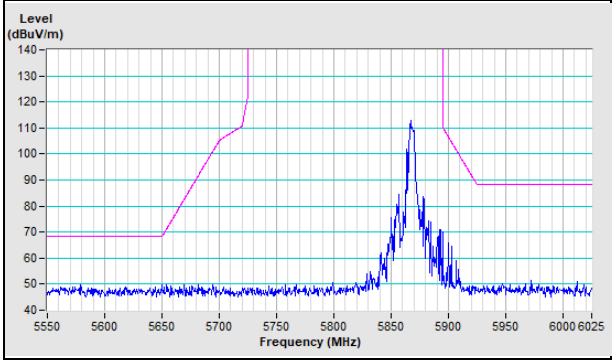
Horizontal (Peak)



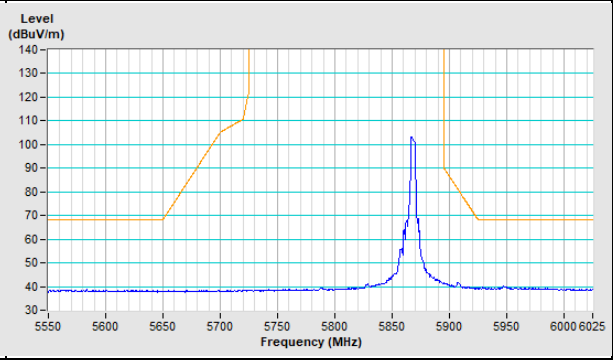
Horizontal (Average)

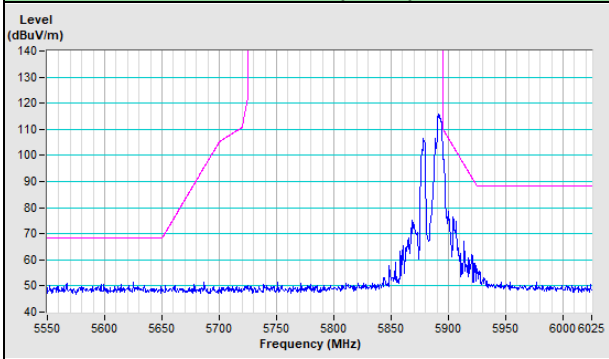
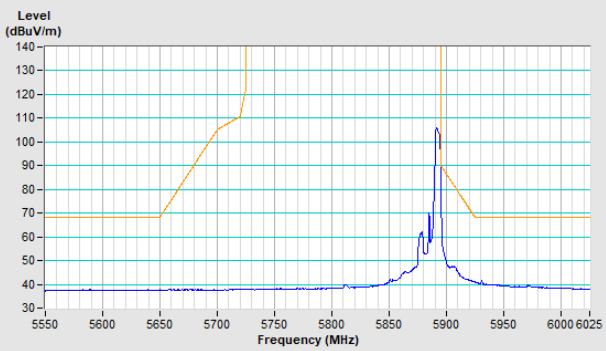
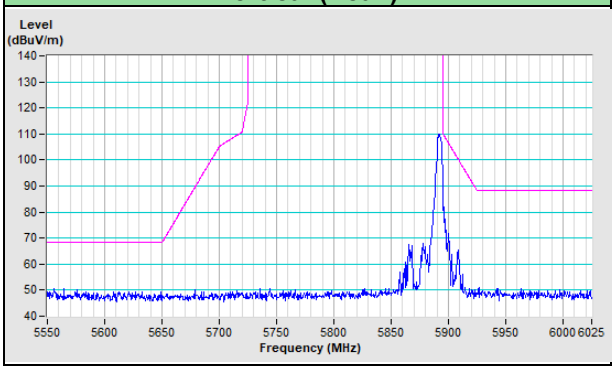
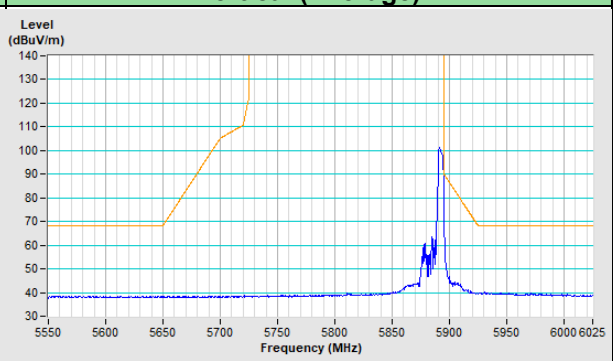


Vertical (Peak)



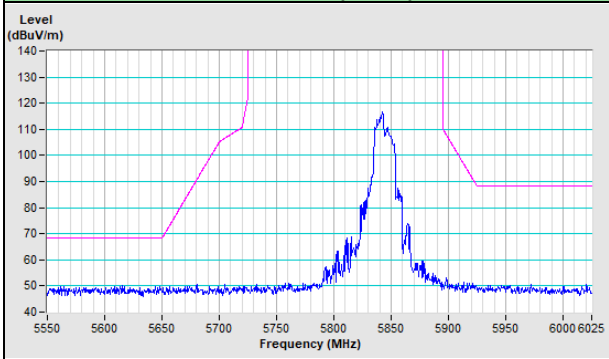
Vertical (Average)



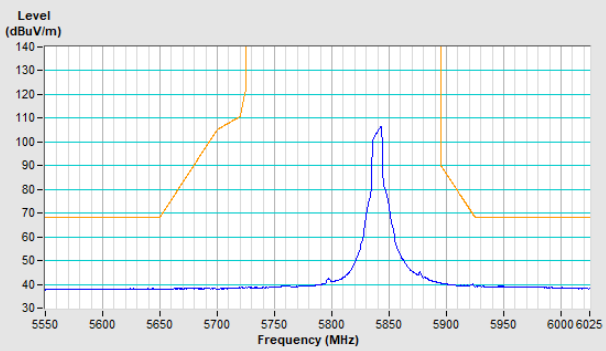
20 MHz Preamble 802.11ax (RU52) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

20 MHz Preamble 802.11ax (RU106) Channel 169

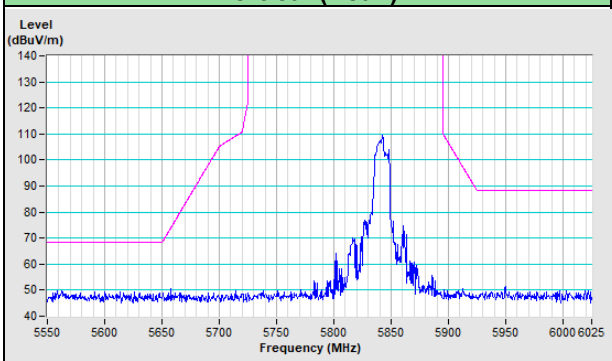
Horizontal (Peak)



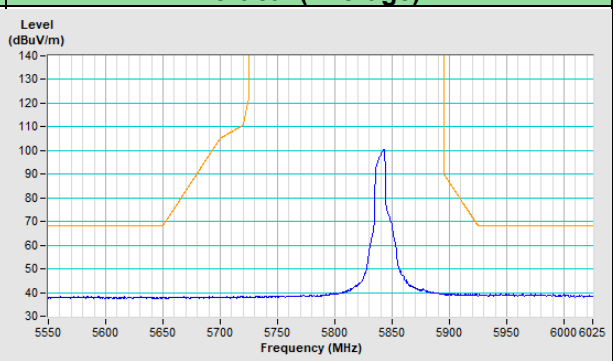
Horizontal (Average)



Vertical (Peak)

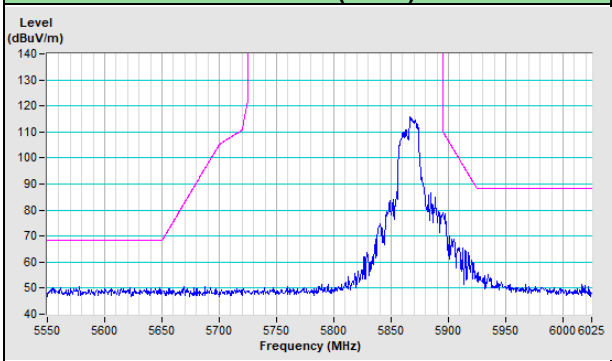


Vertical (Average)

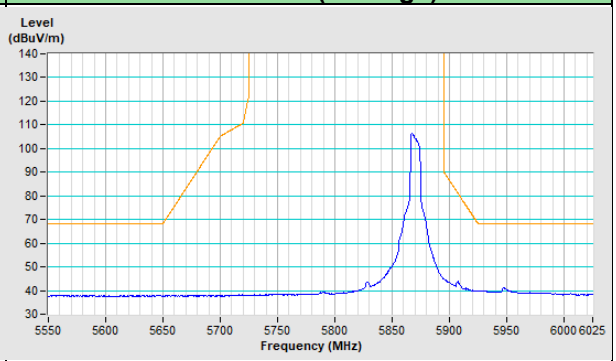


20 MHz Preamble 802.11ax (RU106) Channel 173

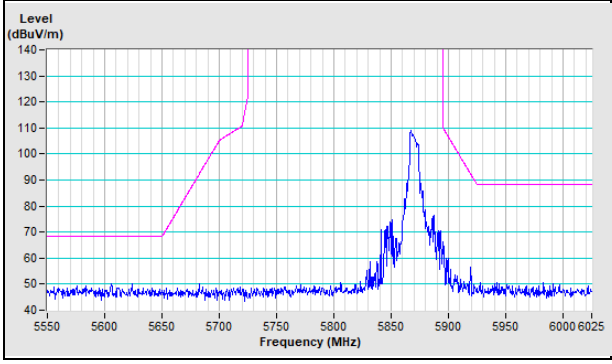
Horizontal (Peak)



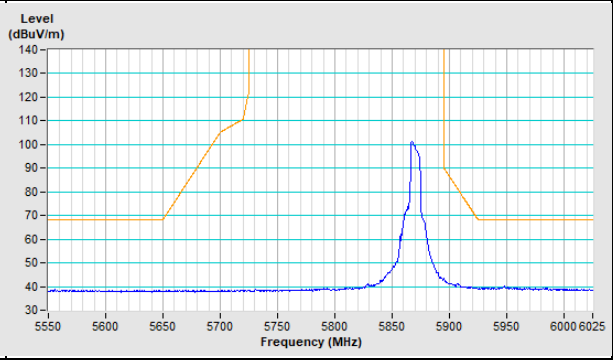
Horizontal (Average)

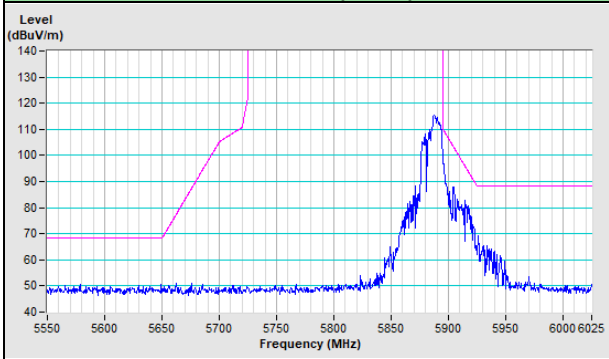
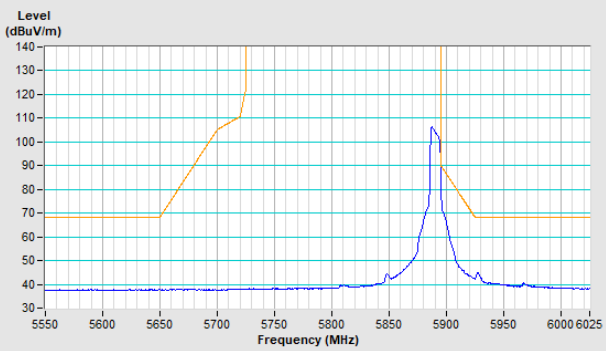
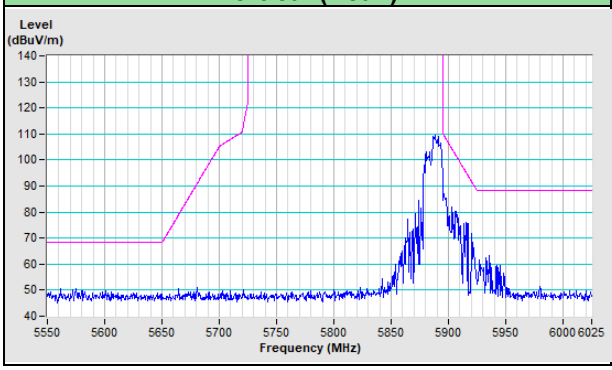
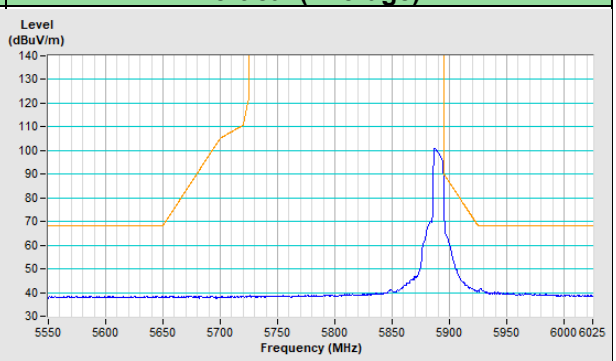


Vertical (Peak)



Vertical (Average)



20 MHz Preamble 802.11ax (RU106) Channel 177	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

Appendix – Information of the Testing Laboratories

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

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Web Site: www.bureauveritas-adt.com

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

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