TEST REPORT

CERTIFICATE OF CONFORMITY

Standard:	**47 CFR FCC Part 15, Subpart E (Section 15.407)**
Report No.:	RFBARR-WTW-P21100969K-3
FCC ID:	RAS-MT7902
Product:	1TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card
Brand:	MediaTek
Model No.:	MT7902
Received Date:	2023/3/27
Test Date:	2023/4/12 ~ 2023/5/11
Issued Date:	2023/5/23
Applicant:	MediaTek Inc.
Address:	No. 1, Dusing 1st Rd., Hsinchu Science Park, Hsinchu City, 30078 Taiwan
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch 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

Approved by: _____ , **Date:** **2023/5/23**

May Chen / Manager

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Prepared by : Vito Lung / Specalist

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Release Control Record

Issue No.	Description	Date Issued
RFBARR-WTW-P21100969K-3	Original release.	2023/5/23

1 Certificate

Product:	1TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card
Brand:	MediaTek
Test Model:	MT7902
Sample Status:	Engineering sample
Applicant:	MediaTek Inc.
Test Date:	2023/4/12 ~ 2023/5/11
Standard:	47 CFR FCC Part 15, Subpart E (Section 15.407)
Measurement procedure:	ANSI C63.10-2013 KDB 987594 D02 U-NII 6 GHz EMC Measurement v01v01 KDB 789033 D02 General UNII Test Procedure New Rules v02r01

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

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Clause	Test Item	Result	Remark
15.407(a)(7)(8)	RF Output Power	Pass	Meet the requirement of limit.
15.407(a)(7)(8)	Power Spectral Density	Pass	Meet the requirement of limit.
15.407(a)(10)	Occupied Bandwidth	Pass	Meet the requirement of limit.
15.407(b)(9)	AC Power Conducted Emissions	Pass	Minimum passing margin is -16.25 dB at 0.51962 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -5.6 dB at 199.08 MHz
15.407(b)(6) 15.407(b)(10)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.1 dB at 5925.00 MHz
15.407(b)(7)	In-Band Emission Mask	Pass	Meet the requirement of limit.
15.407(d)(6)	Contention-based Protocol	Pass	Meet the requirement of limit.
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.407(d)	Operational restrictions for 6 GHz U-NII devices	Pass	Declaration by applicant
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF) not a standard connector.
---	Emission Bandwidth	Pass	Meet the requirement of limit.

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	Specification	Expanded Uncertainty (k=2) (±)
AC Power Conducted Emissions	150 kHz ~ 30 MHz	1.9 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	3.1 dB
	30 MHz ~ 1 GHz	5.5 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	5.1 dB
	18 GHz ~ 40 GHz	5.3 dB

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

2.2 Supplementary Information

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

3 General Information

3.1 General Description of EUT

Product	1TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card
Brand	MediaTek
Test Model	MT7902
Status of EUT	Engineering sample
Power Supply Rating	3.3 Vdc from host equipment
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM for OFDMA in 11ax mode
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: up to 54 Mbps 802.11ax: up to 1201.0 Mbps
Operating Frequency	5.955 GHz ~ 6.415 GHz 6.535 GHz ~ 6.855 GHz
Number of Channel	802.11a/ax (HE20): 41 802.11ax (HE40): 20 802.11ax (HE80): 9 802.11ax (HE160): 4
Resource Unit (RU)	Single RU: 26-tone, 52-tone, 106-tone, 242-tone, 484-tone, 996-tone, 2 * 996-tone
Output Power	5.955 GHz ~ 6.415 GHz: EIRP: 909.915 mW (29.59 dBm) 6.535 GHz ~ 6.855 GHz: EIRP: 895.365 mW (29.52 dBm)
EUT Category	Client Device (controlled of an standard power AP)

Note:

1. This is a supplementary report of Report No.: RFBARR-WTW-P21100969-3. The differences between them are as below information:
   - ◆ Add dual client (6CD).
2. According to above conditions, all test items need to be performed. And all data are verified to meet the requirement.
3. Indoor client (6XD) test report refer to Report No: RFBARR-WTW-P21100969-3.
4. There are Bluetooth and WLAN (2.4GHz & 5GHz & 5.9GHz & 6GHz) technology used for the EUT.
5. Simultaneously transmission condition.

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

6. The EUT have four HW SKU as following table:

SKU	Sample	Difference
1	Diversity version A (1x1 with diversity function)	1. Version A & B are also same PCB with layout change. 2. The difference is adding/removing MOSFET components in GPIO bus for function optional.
2	Diversity version B (1x1 with diversity function)	
3	1 TX only version A (1x1 w/o diversity function & remove 2 part of circuit)	
4	1 TX only version B (1x1 w/o diversity function & remove 2 part of circuit)	

Note:

1. From the above HW SKUs, the worse case was found in **SKU 1**. Therefore only the test data of the SKU was recorded in this report.
2. SKU2, SKU3, SKU4 spot check data refer Appendix.

7. The EUT support OFDMA and Partial RU mode, therefore partial RU combination were investigated and the worst case scenario was identified.
8. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna Set No	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
1	Chain0	PSA	RFMTA340718EMLB302	3.18	2.4~2.4835	PIFA	ipex(MHF)	200
				4.92	5.15~5.895			
	Chain1	PSA	RFMTA340718EMLB302	3.18	2.4~2.4835	PIFA	ipex(MHF)	200
				4.92	5.15~5.895			
2	Chain0	PSA	RFMTA311020EMMB301	1.71	2.4~2.4835	PIFA	ipex(MHF)	200
				4.82	5.15~5.895			
				4.76 4.29 4.61 4.09	5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125			
	Chain1	PSA	RFMTA311020EMMB301	1.71	2.4~2.4835	PIFA	ipex(MHF)	200
				4.82	5.15~5.895			
				4.76 4.29 4.61 4.09	5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125			
3	Chain0	PSA	RFMTA421230IMMB701	-13.92 -13.91 -13.91 -14.46	5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	PIFA	IPEX	300
	Chain1	PSA	RFMTA421230IMMB701	-13.92 -13.91 -13.91 -14.46	5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	PIFA	IPEX	300

Note:
1. From the above transmission chains, the worse case was found in transmission on Chain 0 for 1TX diversity sample. Therefore only the test data of the mode was recorded in this report.
2. The Bluetooth technology will fix transmission on Chain 0.
3. Max. gain was selected for the final test.

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

2. The EUT incorporates a SISO function:

6GHz Band					
MODULATION MODE	**TX & RX CONFIGURATION**		**Spatial Stream**	**SISO mode**	**Beamforming mode**
802.11a	1TX Diversity or 1TX	1RX	NSS = 1	Support	Not Support
802.11ax (HE20)	1TX Diversity or 1TX	1RX	NSS = 1	Support	Not Support
802.11ax (HE40)	1TX Diversity or 1TX	1RX	NSS = 1	Support	Not Support
802.11ax (HE80)	1TX Diversity or 1TX	1RX	NSS = 1	Support	Not Support
802.11ax (HE160)	1TX Diversity or 1TX	1RX	NSS = 1	Support	Not Support
802.11ax (RU26/52/106/242/484/996/1992)	1TX Diversity or 1TX	1RX	NSS = 1	Support	Not Support

3.3 Channel List

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24 channels are provided for 802.11a, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	5955 MHz	5	5975 MHz	9	5955 MHz	13	6015 MHz
17	6035 MHz	21	6055 MHz	25	6075 MHz	29	6095 MHz
33	6115 MHz	37	6135 MHz	41	6155 MHz	45	6175 MHz
49	6195 MHz	53	6215 MHz	57	6235 MHz	61	6255 MHz
65	6275 MHz	69	6295 MHz	73	6315 MHz	77	6335 MHz
81	6355 MHz	85	6375 MHz	89	6395 MHz	93	6415 MHz

12 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
3	5965 MHz	11	6005 MHz	19	6045 MHz	27	6085 MHz
35	6125 MHz	43	6165 MHz	51	6205 MHz	59	6245 MHz
67	6285 MHz	75	6325 MHz	83	6365 MHz	91	6405 MHz

6 channels are provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
7	5985 MHz	23	6065 MHz	39	6145 MHz	55	6225 MHz
71	6305 MHz	87	6385 MHz				

3 channels are provided for 802.11ax (HE160):

Channel	Frequency	Channel	Frequency	Channel	Frequency
15	6025 MHz	47	6185 MHz	79	6345 MHz

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17 channels are provided for 802.11a, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
117	6535 MHz	121	6555 MHz	125	6575 MHz	129	6595 MHz
133	6615 MHz	137	6635 MHz	141	6655 MHz	145	6675 MHz
149	6695 MHz	153	6715 MHz	157	6735 MHz	161	6755 MHz
165	6775 MHz	169	6795 MHz	173	6815 MHz	177	6835 MHz
181	6855 MHz						

8 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
123	6565 MHz	131	6605 MHz	139	6645 MHz	147	6685 MHz
155	6725 MHz	163	6765 MHz	171	6805 MHz	179	6845 MHz

3 channels are provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency	Channel	Frequency
135	6625 MHz	151	6705 MHz	167	6785 MHz

1 channels are provided for 802.11ax (HE160):

Channel	Frequency
143	6665 MHz

3.4 Test Mode Applicability and Tested Channel Detail

Worst Case:	The EUT's antenna (PIFA) had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on Z-plane.

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

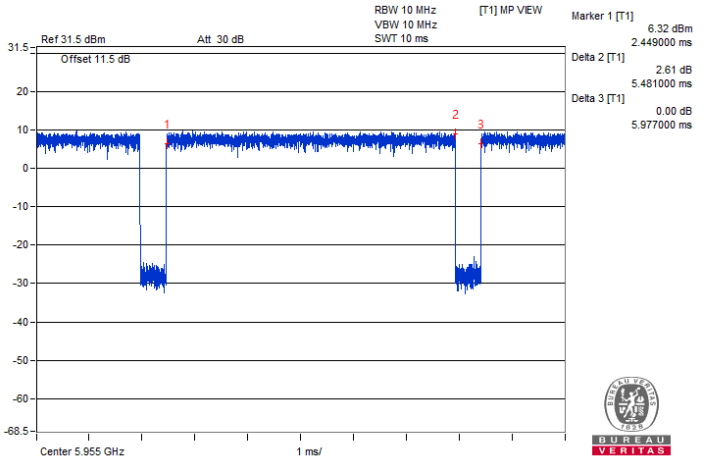
Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter	RU/MRU Index
RF Output Power / Power Spectral Density	A	802.11a	1, 45, 93, 117, 149, 181	BPSK	6Mb/s	NA
		802.11ax (HE20)	1, 45, 93, 117, 149, 181	BPSK	MCS0	NA
		802.11ax (HE40)	3, 43, 91, 123, 155, 179	BPSK	MCS0	NA
		802.11ax (HE80)	7, 39, 87, 135, 151, 167	BPSK	MCS0	NA
		802.11ax (HE160)	15, 47, 79, 143	BPSK	MCS0	NA
		20 MHz Preamble 802.11ax (RU26)	1, 93, 117, 181	BPSK	MCS0	0, 8 0, 8
		20 MHz Preamble 802.11ax (RU52)	1, 93, 117, 181	BPSK	MCS0	37, 40 37, 40
		20 MHz Preamble 802.11ax (RU106)	1, 93, 117, 181	BPSK	MCS0	53, 54 53, 54

Emission Bandwidth/ In-Band Emission Mask/ Occupied Bandwidth	A	802.11a	1, 45, 93, 117, 149, 181	BPSK	6Mb/s	NA
		802.11ax (HE20)	1, 45, 93, 117, 149, 181	BPSK	MCS0	NA
		802.11ax (HE40)	3, 43, 91, 123, 155, 179	BPSK	MCS0	NA
		802.11ax (HE80)	7, 39, 87, 135, 151, 167	BPSK	MCS0	NA
		802.11ax (HE160)	15, 47, 79, 143	BPSK	MCS0	NA
		20 MHz Preamble 802.11ax (RU26)	1, 93, 117, 181	BPSK	MCS0	0, 8 0, 8
		20 MHz Preamble 802.11ax (RU52)	1, 93, 117, 181	BPSK	MCS0	37, 40 37, 40
		20 MHz Preamble 802.11ax (RU106)	1, 93, 117, 181	BPSK	MCS0	53, 54 53, 54
Frequency Stability	A	802.11a	1	un-modulation	-	NA
Contention-based Protocol	B	802.11ax (HE20)	1, 129	BPSK	6Mb/s	NA
		802.11ax (HE160)	15, 143	BPSK	MCS0	NA
AC Power Conducted Emissions	A	802.11ax (HE160)	79	BPSK	MCS0	NA
Unwanted Emissions below 1 GHz	A	802.11ax (HE160)	79	BPSK	MCS0	NA

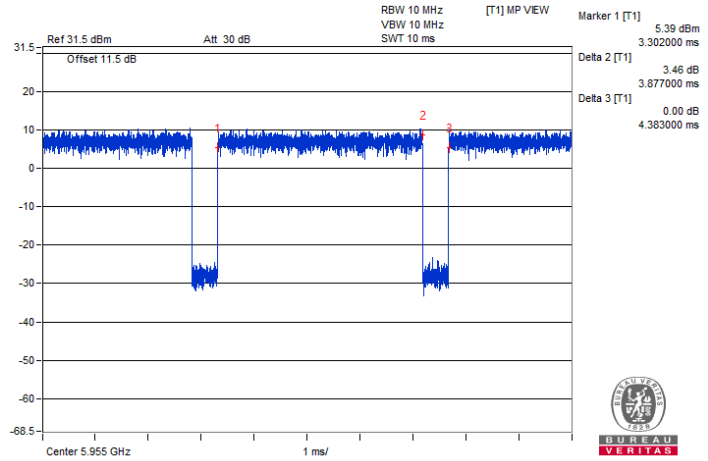
Unwanted Emissions above 1 GHz	A	802.11a	1, 45, 93, 117, 149, 181	BPSK	6Mb/s	NA
		802.11ax (HE20)	1, 45, 93, 117, 149, 181	BPSK	MCS0	NA
		802.11ax (HE40)	3, 43, 91, 123, 155, 179	BPSK	MCS0	NA
		802.11ax (HE80)	7, 39, 87, 135, 151, 167	BPSK	MCS0	NA
		802.11ax (HE160)	15, 47, 79, 143	BPSK	MCS0	NA
		20 MHz Preamble 802.11ax (RU26)	1, 93, 117, 181	BPSK	MCS0	0, 8 0, 8
		20 MHz Preamble 802.11ax (RU52)	1, 93, 117, 181	BPSK	MCS0	37, 40 37, 40
		20 MHz Preamble 802.11ax (RU106)	1, 93, 117, 181	BPSK	MCS0	53, 54 53, 54
EUT Configure Mode:	A	with PIFA antenna				
	B	with min. gain antenna				

3.5 Duty Cycle of Test Signal

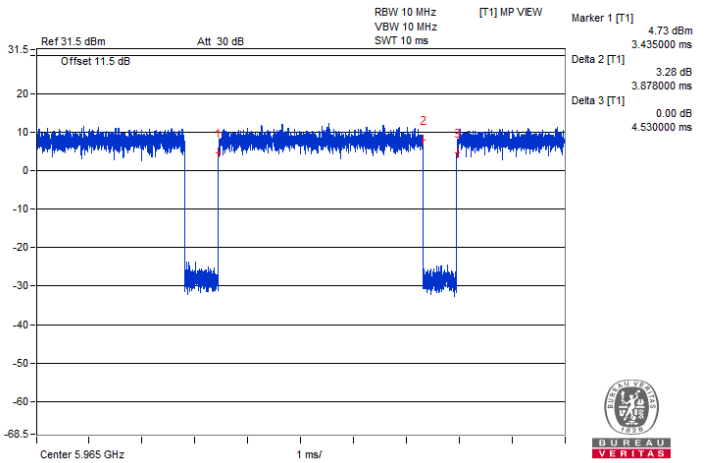
802.11a: Duty cycle = 5.481 ms / 5.977 ms x 100% = 91.7%, duty factor = 10 * log (1/Duty cycle) = 0.38 dB
802.11ax (HE20): Duty cycle = 3.877 ms / 4.383 ms x 100% = 88.5%, duty factor = 10 * log (1/Duty cycle) = 0.53 dB
802.11ax (HE40): Duty cycle = 3.878 ms / 4.53 ms x 100% = 85.6%, duty factor = 10 * log (1/Duty cycle) = 0.67 dB
802.11ax (HE80): Duty cycle = 1.887 ms / 2.516 ms x 100% = 75.0%, duty factor = 10 * log (1/Duty cycle) = 1.25 dB
802.11ax (HE160): Duty cycle = 1.007 ms / 1.667 ms x 100% = 60.4%, duty factor = 10 * log (1/Duty cycle) = 2.19 dB
802.11ax (HE20) 26-tone RU: Duty cycle = 0.584 ms / 0.952 ms x 100% = 61.3%, duty factor = 10 * log (1/Duty cycle) = 2.12 dB
802.11ax (HE20) 52-tone RU: Duty cycle = 0.5 ms / 0.869 ms x 100% = 57.5%, duty factor = 10 * log (1/Duty cycle) = 2.40 dB
802.11ax (HE20) 106-tone RU: Duty cycle = 0.436 ms / 0.805 ms x 100% = 54.2%, duty factor = 10 * log (1/Duty cycle) = 2.66 dB



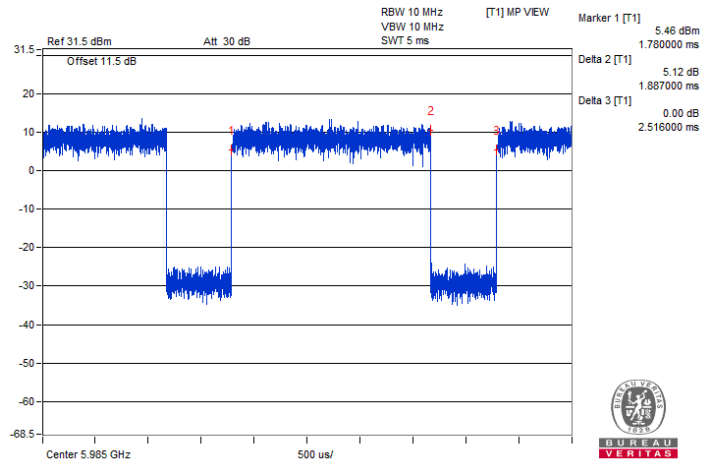
802.11a



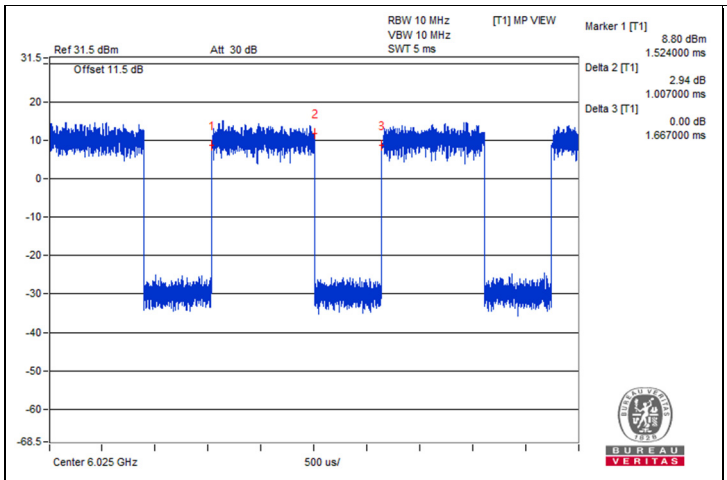
802.11ax (HE20)



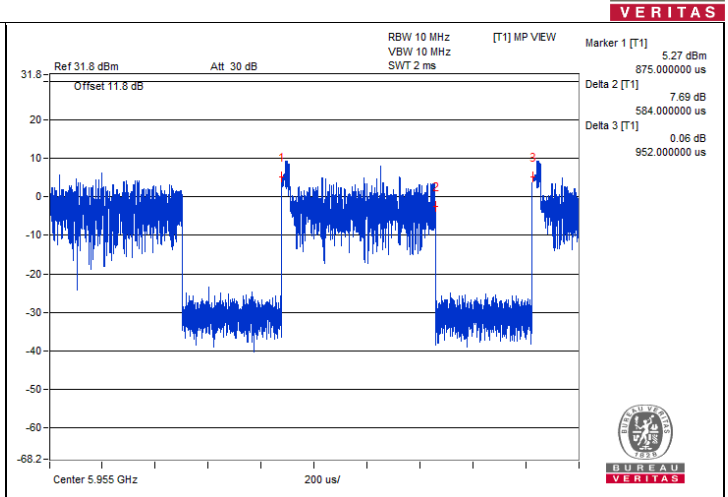
802.11ax (HE40)



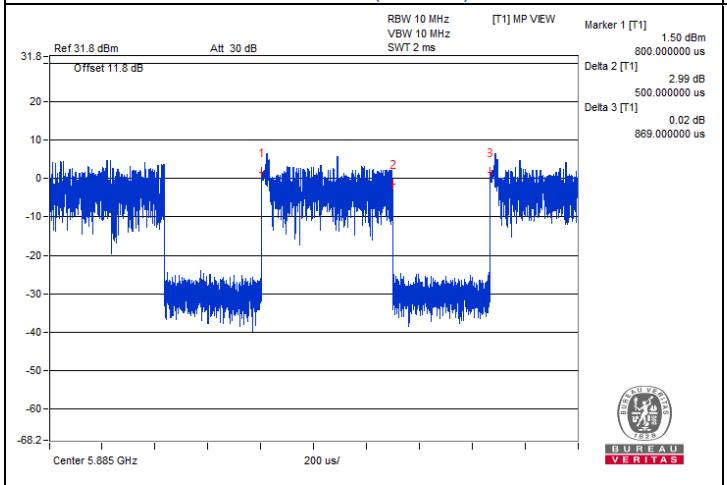
802.11ax (HE80)



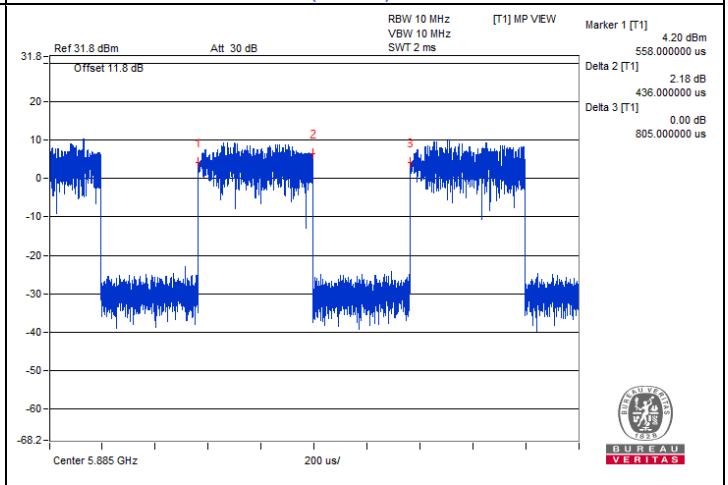
802.11ax (HE160)



802.11ax (HE20) 26-tone RU



802.11ax (HE20) 52-tone RU



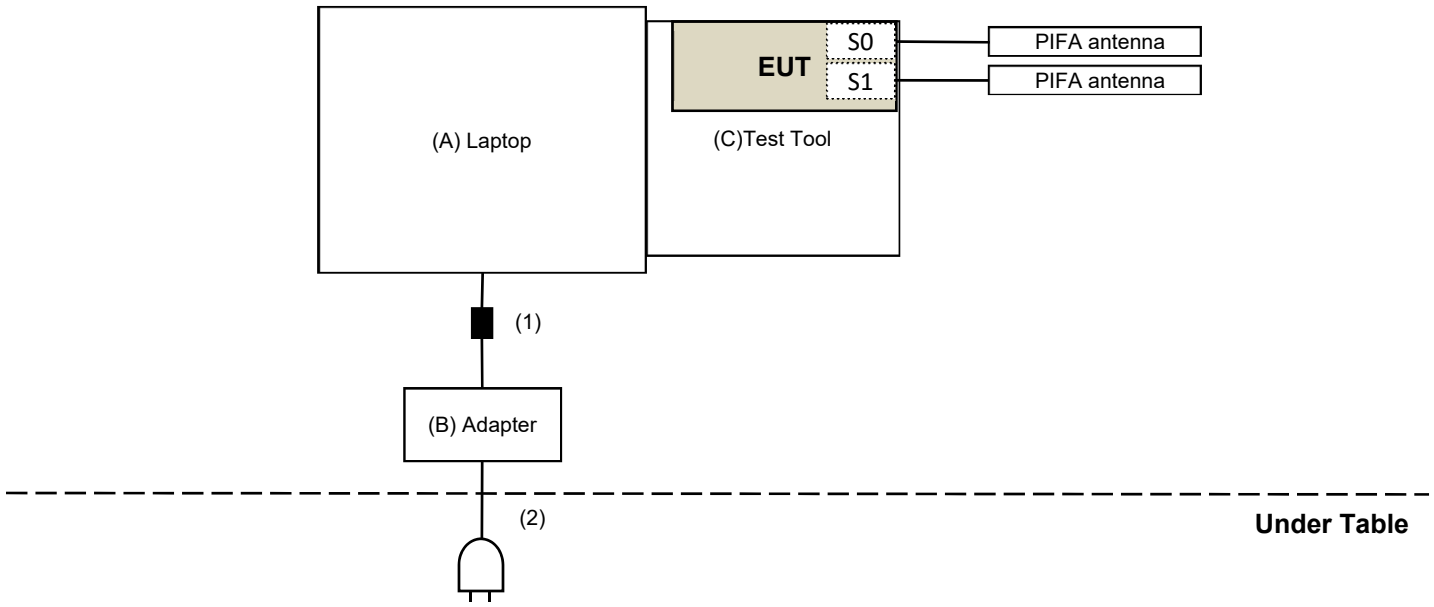
802.11ax (HE20) 106-tone RU

3.6 Test Program Used and Operation Descriptions

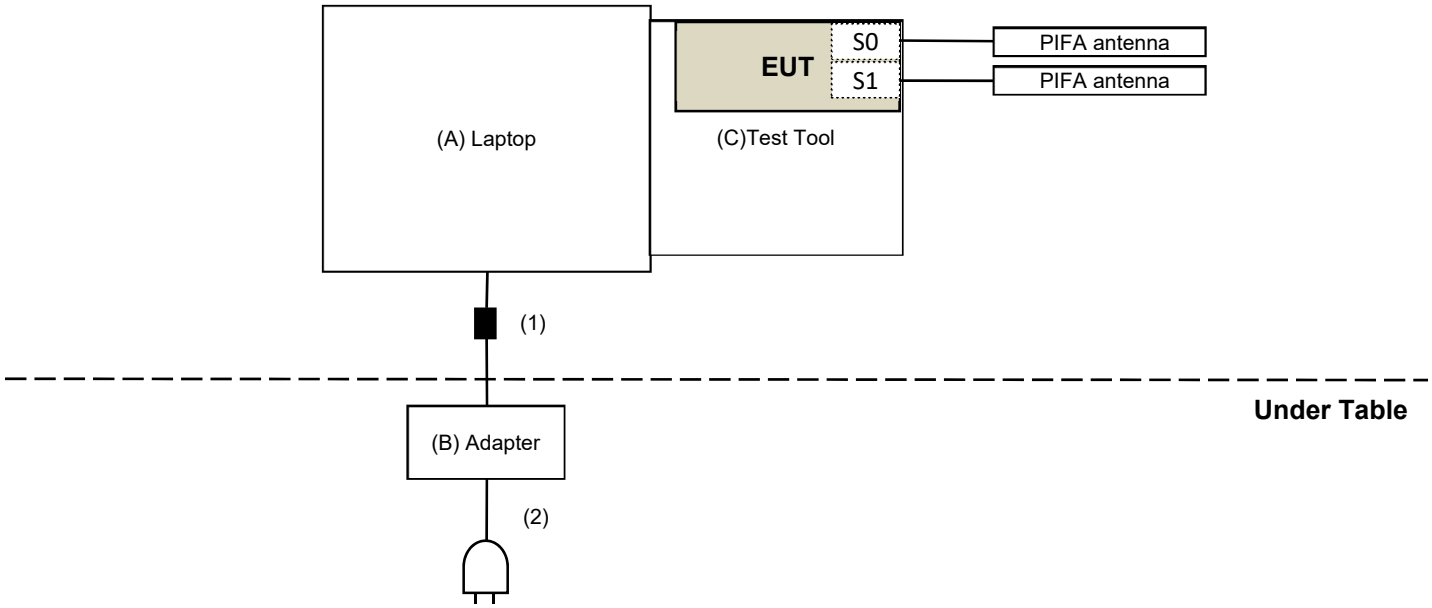
Controlling software (QA 0.0.2.82) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices

For AC Power Conducted Emission test



For Unwanted Emission test



3.8 Configuration of Peripheral Devices and Cable Connections

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

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	1.8	No	0	Provided by Lab

4 Test Instruments

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

4.1 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Attenuator WOKEN	MDCS18N-10	MDCS18N-10-01	2023/3/27	2024/3/26
Power Meter Anritsu	ML2495A	1529002	2022/6/22	2023/6/21
Pulse Power Sensor Anritsu	MA2411B	1726434	2022/6/22	2023/6/21

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2023/5/10

4.2 Power Spectral Density

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Attenuator WOKEN	MDCS18N-10	MDCS18N-10-01	2023/3/27	2024/3/26
Software	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A
Spectrum Analyzer Keysight	N9020B	MY60112409	2023/2/18	2024/2/17

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2023/5/10

4.3 Emission Bandwidth

Refer to section 4.2 to get information of the instruments.

4.4 In-Band Emission Mask

Refer to section 4.2 to get information of the instruments.

4.5 Occupied Bandwidth

Refer to section 4.2 to get information of the instruments.

4.6 Frequency Stability

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Attenuator WOKEN	MDCS18N-10	MDCS18N-10-01	2023/3/27	2024/3/26
DC POWER SUPPLY Topward	6603D	795558	N/A	N/A
Software	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A
Spectrum Analyzer Keysight	N9020B	MY60112409	2023/2/18	2024/2/17
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	2022/12/26	2023/12/25
True RMS Clamp Meter Fluke	325	31130711WS	2022/6/9	2023/6/8

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2023/5/10

4.7 Contention-based Protocol

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Combiner Mini-Circuits	ZFRSC-123-S+	F698501347_01	2022/12/28	2023/12/27
Frequency Extender KEYSIGHT	N5182BX07	MY59360198	2022/10/14	2023/10/13
MXG X-Series RF Vector Signal Generator Keysight	N5182B	MY53052647	2022/11/8	2023/11/7
Spectrum Analyzer Keysight	N9030A	MY55410176	2022/6/21	2023/6/20
Spectrum Analyzer R&S	FSV40	101516	2023/2/10	2024/2/9

Notes:

1. The test was performed in Adaptivity room.
2. Tested Date: 2023/4/18

4.8 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance	N/A	EMC-01	2022/9/27	2023/9/26
Fixed attenuator STI	STI02-2200-10	005	2022/8/24	2023/8/23
LISN R&S	ESH3-Z5	848773/004	2022/10/18	2023/10/17
RF Coaxial Cable JYEBO	5D-FB	COCCAB-001	2022/8/24	2023/8/23
Software BVADT	BVADT_Cond_V7.3.7.4	N/A	N/A	N/A
TEST RECEIVER R&S	ESCS 30	847124/029	2022/10/14	2023/10/13

Notes:

1. The test was performed in Conduction 1
2. Tested Date: 2023/4/21

4.9 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-03	2022/12/28	2023/12/27
LOOP ANTENNA Electro-Metrics	EM-6879	264	2023/2/21	2024/2/20
MXE EMI Receiver(20 Hz to 44 GHz) Keysight	N9038A	MY54450088	2022/7/11	2023/7/10
Pre_Amplifier Agilent	8447D	2944A10636	2023/3/12	2024/3/11
Pre_Amplifier EMCI	EMC330N	980701	2023/2/18	2024/2/17
RF Coaxial Cable COMMATE/PEWC	8D	966-4-1	2023/2/18	2024/2/17
		966-4-2	2023/2/18	2024/2/17
		966-4-3	2023/2/18	2024/2/17
RF Coaxial Cable JYEBO	5D-FB	LOOPCAB-001	2022/12/19	2023/12/18
		LOOPCAB-002	2022/12/19	2023/12/18
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A
Spectrum Analyzer KEYSIGHT	N9030B	MY57142938	2023/4/6	2024/4/5
Trilog Broadband Antenna Schwarzbeck	VULB 9168	9168-406	2022/10/21	2023/10/20

Notes:

1. The test was performed in 966 Chamber No. 4.
2. Tested Date: 2023/4/21

4.10 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-783	2022/11/13	2023/11/12
	BBHA 9170	9170-739	2022/11/13	2023/11/12
Pre_Amplifier EMCI	EMC12630SE	980688	2022/10/4	2023/10/3
	EMC184045SE	980387	2022/12/28	2023/12/27
RF Cable-Frequency Range : 1-26.5GHz EMCI	EMC104-SM-SM-1200	160922	2022/12/15	2023/12/14
RF Cable-Frequency range: 1-40GHz EMCI	EMC102-KM-KM-1200	160924	2022/12/28	2023/12/27
RF Coaxial Cable EMCI	EMC-KM-KM-4000	200214	2023/2/20	2024/2/19
	EMC104-SM-SM-2000	180502	2023/3/27	2024/3/26
	EMC104-SM-SM-6000	210704	2022/11/4	2023/11/3
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A
Spectrum Analyzer KEYSIGHT	N9030B	MY57142938	2023/4/6	2024/4/5

Notes:

1. The test was performed in 966 Chamber No. 4.
2. Tested Date: 2023/4/12 ~ 2023/5/11

5 Limits of Test Items

5.1 RF Output Power

Operation Band	EUT Category	Limit
		Max Average Power
U-NII-5 U-NII-7	Client Devices (controlled of an standard power AP)	EIRP 30 dBm

5.2 Power Spectral Density

Operation Band	EUT Category	Limit
		Peak Power Density
U-NII-5 U-NII-7	Client Devices (controlled of an standard power AP)	EIRP 17 dBm/MHz

5.3 Emission Bandwidth

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 MHz.

5.4 In-Band Emission Mask

Test Item	Frequencies (MHz)	(X) dBc*1
Emission Mask	At 1 MHz outside of channel edge	20
	At one channel bandwidth from the channel center*2	28
	At one- and one-half times the channel bandwidth away from channel center*3	40
	More than one- and one-half times the channel bandwidth	40

*1 : The power spectral density must be suppressed by “x” dB

*2 : At frequencies between one megahertz outside an unlicensed device’s channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression,

*3 : At frequencies between one and one- and one-half times an unlicensed device’s channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression.

5.5 Occupied Bandwidth

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 MHz.

5.6 Frequency Stability

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

5.7 Contention-based Protocol

Unlicensed indoor low-power devices must detect co-channel radio frequency power that is at least -62 dBm (The threshold is referenced to a 0 dBi antenna gain.) or lower. Additionally, indoor low-power devices must detect co-channel energy with 90% or greater certainty.

5.8 AC Power Conducted Emissions

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

Notes:

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

5.9 Unwanted Emissions below 1 GHz

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

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

Notes:

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

5.10 Unwanted Emissions above 1 GHz

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

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
Above 960	500	3

Notes:

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

Limits of unwanted emission out of the restricted bands

Frequencies (MHz)	EIRP Limit	Equivalent Field Strength at 3 m
5925 MHz > F > 7125 MHz	Peak: -7 (dBm/MHz)	88.2 (dBuV/m)
	Average: -27 (dBm/MHz)	68.2 (dBuV/m)

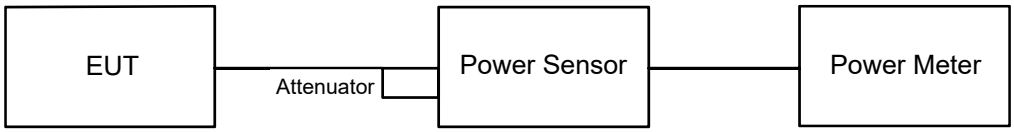
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

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

6 Test Arrangements

6.1 RF Output Power

6.1.1 Test Setup

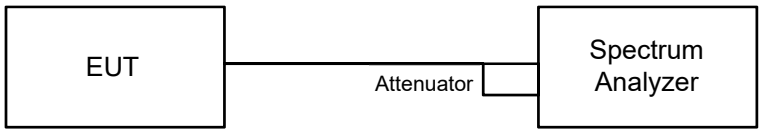


6.1.2 Test Procedure

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 and set the detector to average. Duty factor is not added to measured value.

6.2 Power Spectral Density

6.2.1 Test Setup



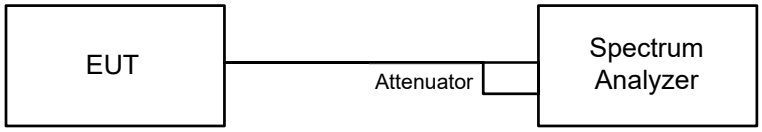
6.2.2 Test Procedure

For specified measurement bandwidth 1 MHz:
Method SA-2

a. Set span to encompass the entire emission bandwidth (EBW) of the signal.
b. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
c. Sweep points ≥ [2 × span / RBW]. (This gives bin-to-bin spacing ≤ RBW / 2, so that narrowband signals are not lost between frequency bins.)
d. Sweep time = auto, trigger set to “free run”.
e. Trace average at least 100 traces in power averaging mode.
f. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
g. Record the max value and add 10 log (1/duty cycle).

6.3 Emission Bandwidth

6.3.1 Test Setup

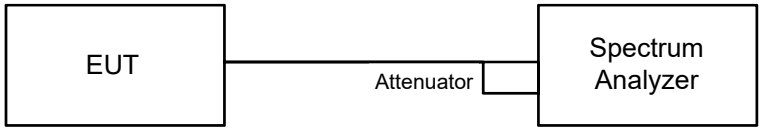


6.3.2 Test Procedure

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

6.4 In-Band Emission Mask

6.4.1 Test Setup

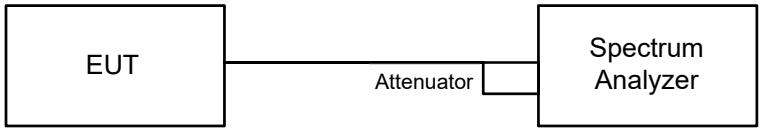


6.4.2 Test Procedure

a. Connect output of the antenna port to a spectrum analyzer and adjust appropriate attenuation.
b. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (Determine the channel edge.)
c. Measure the power spectral density (for emissions mask reference) using the following procedure:
    a) Set the span to encompass the entire 26 dB EBW of the signal.
    b) Set RBW = same RBW used for 26 dB EBW measurement.
    c) Set VBW ≥ [3 X RBW].
    d) Number of points in sweep ≥ [2 X span / RBW].
    e) Sweep time = auto.
    f) Detector = RMS (i.e., power averaging).
    g) Trace average at least 100 traces in power averaging (rms) mode.
    h) Use the peak search function on the instrument to find the peak of the spectrum.
a. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
    a) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
    b) Suppressed by 28 dB at one channel bandwidth from the channel center.
    c) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
a. Adjust the span to encompass the entire mask as necessary and clear trace.
b. Trace average at least 100 traces in power averaging (rms) mode.
c. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask

6.5 Occupied Bandwidth

6.5.1 Test Setup

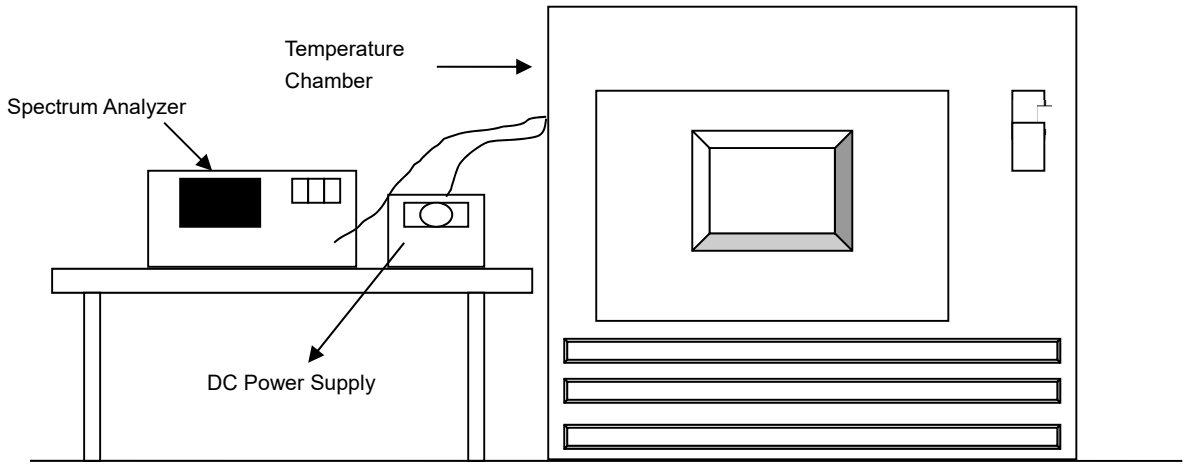


6.5.2 Test Procedure

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

6.6 Frequency Stability

6.6.1 Test Setup

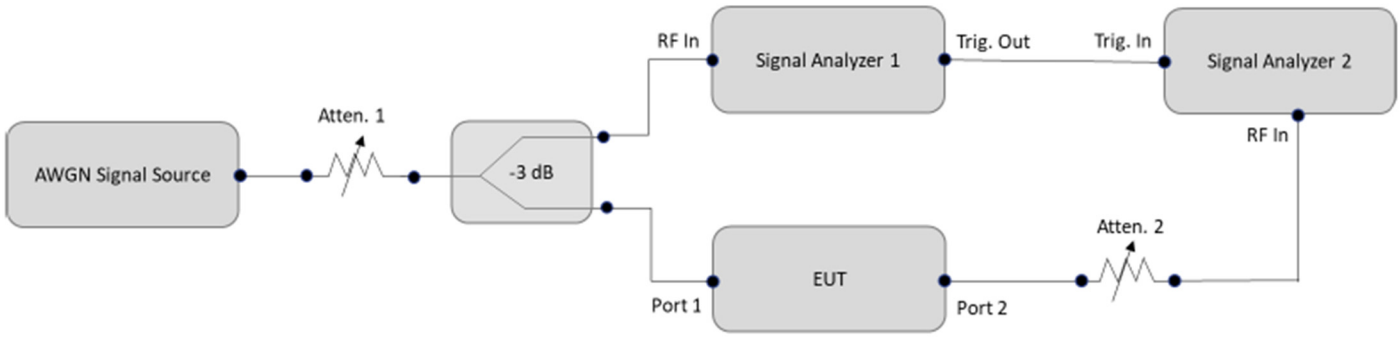


6.6.2 Test Procedure

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.

6.7 Contention-based Protocol

6.7.1 Test Setup



6.7.2 Test Procedure

a. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.

b. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters (set as following section 4.7.5 EUT operating condition).

c. Determine number of times detection threshold test as following table,

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leqq BW_{Inc}$	Once	Same as EUT transmission
$BW_{Inc} < BW_{EUT} \leqq 2xBW_{Inc}$	Once	Contained within BW_{EUT}
$2xBW_{Inc} < BW_{EUT} \leqq 4xBW_{Inc}$	Twice. (Incumbent transmission is contained within BW_{EUT})	Closely to the lower edge and upper edge of the EUT Channel
$BW_{EUT} > 4xBW_{Inc}$	Three times	Closely to the lower edge ,in the middle and upper edge of the EUT Channel

d. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use step c table to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.

e. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT.

f. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.

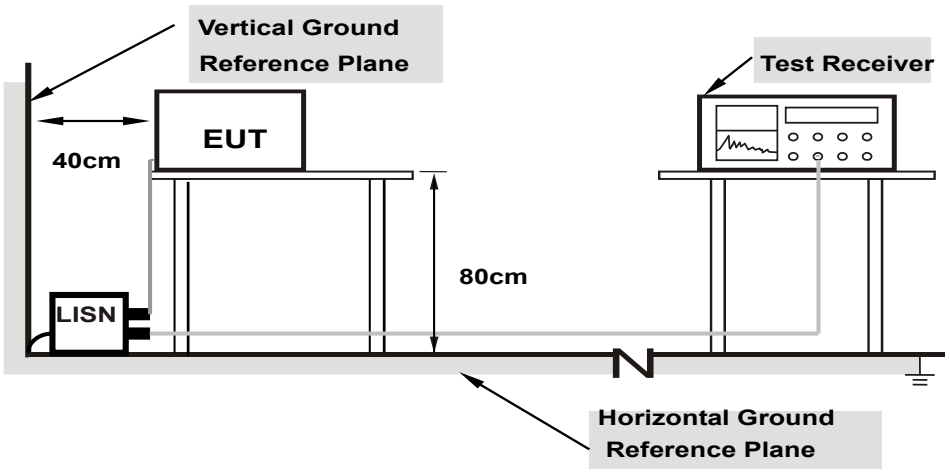
g. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.

h. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.

i. Refer to step c table to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step d, choose a different center frequency for the AWGN signal and repeat the process.

6.8 AC Power Conducted Emissions

6.8.1 Test Setup



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

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

6.8.2 Test Procedure

a. The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50 uH of coupling impedance for the measuring instrument.

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

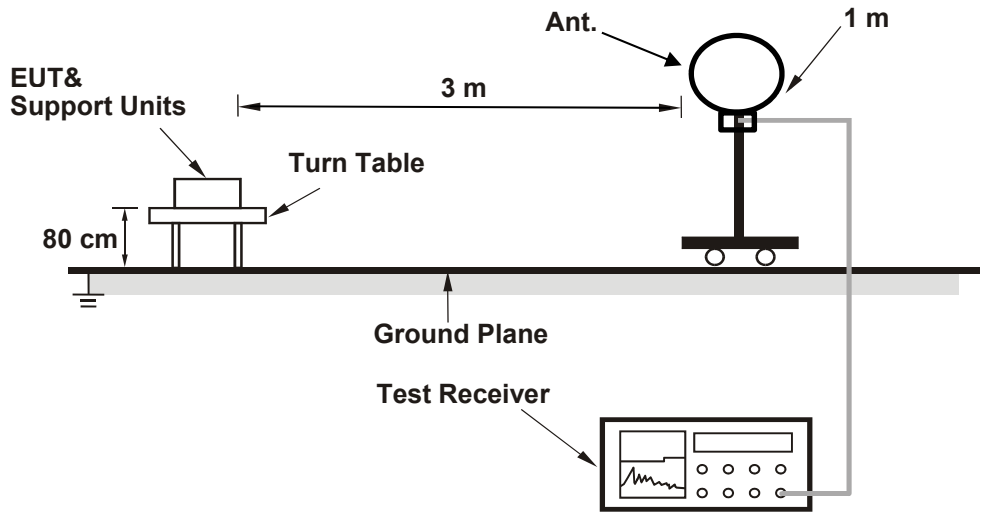
c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

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

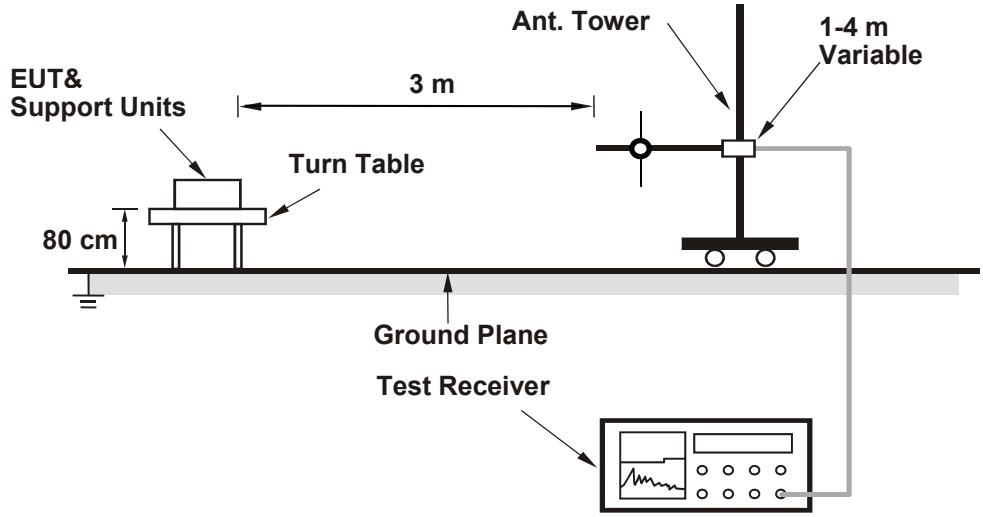
6.9 Unwanted Emissions below 1 GHz

6.9.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



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

6.9.2 Test Procedure

For Radiated emission below 30 MHz

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

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

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

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

e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode, except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

Notes:

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

For Radiated emission above 30 MHz

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

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

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

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

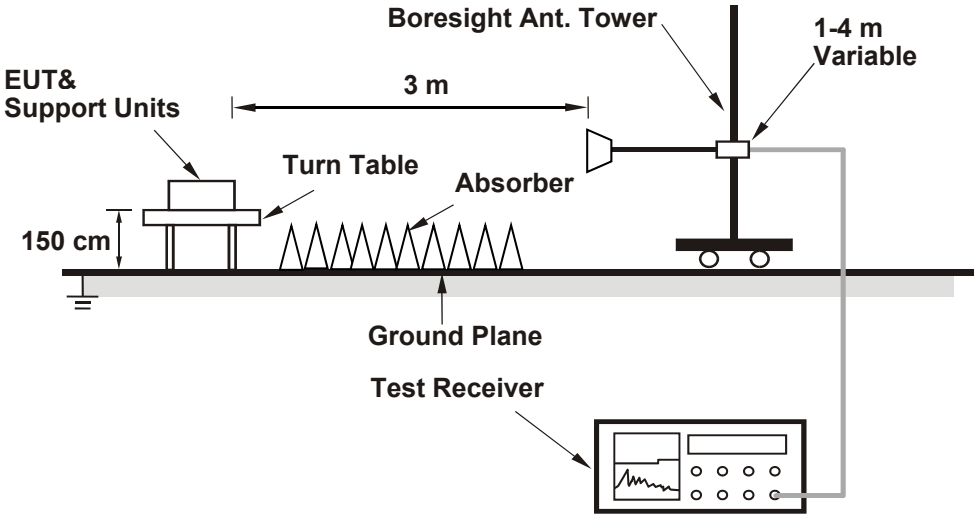
e. The test-receiver system was set to Quasi-peak(QP) detect function, Average(AV) detect function, Peak(PK) detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP), Average detection (AV), Peak detection (PK) at frequency (30MHz to 1 GHz).
2. All modes of operation were investigated and the worst-case emissions are reported.

6.10 Unwanted Emissions above 1 GHz

6.10.1Test Setup



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

6.10.2Test Procedure

a. The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

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

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

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

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

Notes:

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

7 Test Results of Test Item

7.1 RF Output Power

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Katina Lu

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	239.883	23.80	4.76	717.793	28.56	30	Pass
45	6175	263.027	24.20	4.76	787.046	28.96	30	Pass
93	6415	277.332	24.43	4.76	829.851	29.19	30	Pass
117	6535	247.172	23.93	4.61	714.495	28.54	30	Pass
149	6695	309.742	24.91	4.61	895.365	29.52	30	Pass
181	6855	301.995	24.80	4.61	872.971	29.41	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

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
1	5955	220.8	23.44	4.76	660.692	28.2	30	Pass
45	6175	274.157	24.38	4.76	820.35	29.14	30	Pass
93	6415	298.538	24.75	4.76	893.305	29.51	30	Pass
117	6535	258.821	24.13	4.61	748.169	28.74	30	Pass
149	6695	300.608	24.78	4.61	868.961	29.39	30	Pass
181	6855	294.442	24.69	4.61	851.138	29.3	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

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
3	5965	133.352	21.25	4.76	399.024	26.01	30	Pass
43	6165	295.121	24.70	4.76	883.08	29.46	30	Pass
91	6405	302.691	24.81	4.76	905.732	29.57	30	Pass
123	6565	282.488	24.51	4.61	816.582	29.12	30	Pass
155	6725	264.85	24.23	4.61	765.597	28.84	30	Pass
179	6845	307.61	24.88	4.61	889.202	29.49	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

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
7	5985	109.144	20.38	4.76	326.588	25.14	30	Pass
39	6145	304.089	24.83	4.76	909.915	29.59	30	Pass
87	6385	274.157	24.38	4.76	820.35	29.14	30	Pass
135	6625	244.906	23.89	4.61	707.945	28.5	30	Pass
151	6705	283.792	24.53	4.61	820.352	29.14	30	Pass
167	6785	242.103	23.84	4.61	699.842	28.45	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
15	6025	113.501	20.55	4.76	339.625	25.31	30	Pass
47	6185	154.17	21.88	4.76	461.317	26.64	30	Pass
79	6345	137.721	21.39	4.76	412.098	26.15	30	Pass
143	6665	162.555	22.11	4.61	469.894	26.72	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	36.058	15.57	4.76	107.895	20.33	30	Pass
93	6415	37.325	15.72	4.76	111.686	20.48	30	Pass
117	6535	37.931	15.79	4.61	109.646	20.4	30	Pass
181	6855	37.844	15.78	4.61	109.395	20.39	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	69.823	18.44	4.76	208.929	23.2	30	Pass
93	6415	69.823	18.44	4.76	208.929	23.2	30	Pass
117	6535	77.804	18.91	4.61	224.906	23.52	30	Pass
181	6855	76.033	18.81	4.61	219.787	23.42	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 106-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	143.549	21.57	4.76	429.537	26.33	30	Pass
93	6415	151.705	21.81	4.76	453.942	26.57	30	Pass
117	6535	153.462	21.86	4.61	443.61	26.47	30	Pass
181	6855	160.325	22.05	4.61	463.448	26.66	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

7.2 Power Spectral Density

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Katina Lu

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	11	0.38	11.38	4.76	16.14	17	Pass
45	6175	10.99	0.38	11.37	4.76	16.13	17	Pass
93	6415	11.26	0.38	11.64	4.76	16.4	17	Pass
117	6535	10.91	0.38	11.29	4.61	15.9	17	Pass
149	6695	11.2	0.38	11.58	4.61	16.19	17	Pass
181	6855	10.91	0.38	11.29	4.61	15.9	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.08	0.53	10.61	4.76	15.37	17	Pass
45	6175	10.48	0.53	11.01	4.76	15.77	17	Pass
93	6415	10.57	0.53	11.10	4.76	15.86	17	Pass
117	6535	10.28	0.53	10.81	4.61	15.42	17	Pass
149	6695	10.43	0.53	10.96	4.61	15.57	17	Pass
181	6855	10.5	0.53	11.03	4.61	15.64	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
3	5965	5.81	0.67	6.48	4.76	11.24	17	Pass
43	6165	8.59	0.67	9.26	4.76	14.02	17	Pass
91	6405	8.44	0.67	9.11	4.76	13.87	17	Pass
123	6565	8.25	0.67	8.92	4.61	13.53	17	Pass
155	6725	7.63	0.67	8.30	4.61	12.91	17	Pass
179	6845	8.16	0.67	8.83	4.61	13.44	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
7	5985	1.82	1.25	3.07	4.76	7.83	17	Pass
39	6145	5.25	1.25	6.50	4.76	11.26	17	Pass
87	6385	4.47	1.25	5.72	4.76	10.48	17	Pass
135	6625	3.87	1.25	5.12	4.61	9.73	17	Pass
151	6705	4.25	1.25	5.50	4.61	10.11	17	Pass
167	6785	4	1.25	5.25	4.61	9.86	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
15	6025	-0.8	2.19	1.39	4.76	6.15	17	Pass
47	6185	2.46	2.19	4.65	4.76	9.41	17	Pass
79	6345	2.62	2.19	4.81	4.76	9.57	17	Pass
143	6665	2.68	2.19	4.87	4.61	9.48	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	9.88	2.12	12.00	4.76	16.76	17	Pass
93	6415	10.02	2.12	12.14	4.76	16.9	17	Pass
117	6535	9.96	2.12	12.08	4.61	16.69	17	Pass
181	6855	10.02	2.12	12.14	4.61	16.75	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	9.82	2.4	12.22	4.76	16.98	17	Pass
93	6415	9.76	2.4	12.16	4.76	16.92	17	Pass
117	6535	9.93	2.4	12.33	4.61	16.94	17	Pass
181	6855	9.97	2.4	12.37	4.61	16.98	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

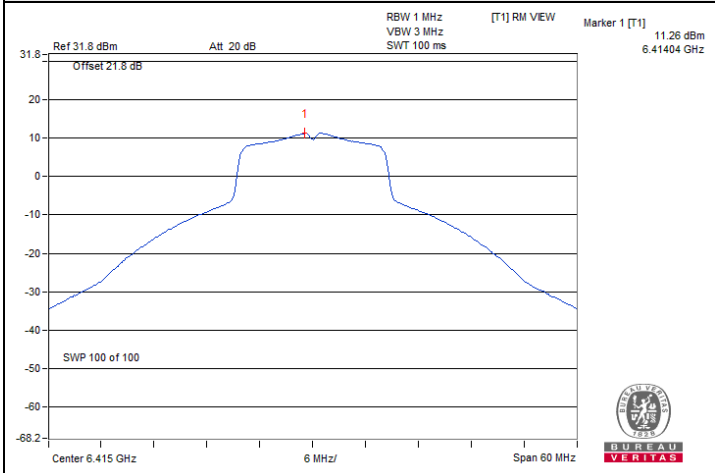
802.11ax (HE20) 106-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	9.53	2.66	12.19	4.76	16.95	17	Pass
93	6415	9.55	2.66	12.21	4.76	16.97	17	Pass
117	6535	9.63	2.66	12.29	4.61	16.9	17	Pass
181	6855	9.53	2.66	12.19	4.61	16.8	17	Pass

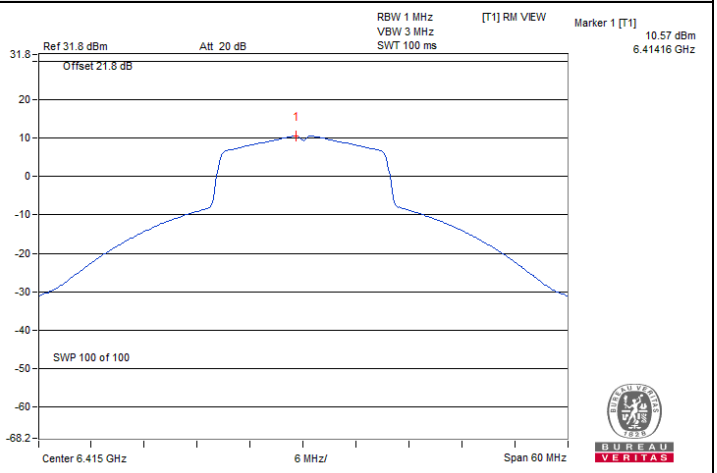
Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

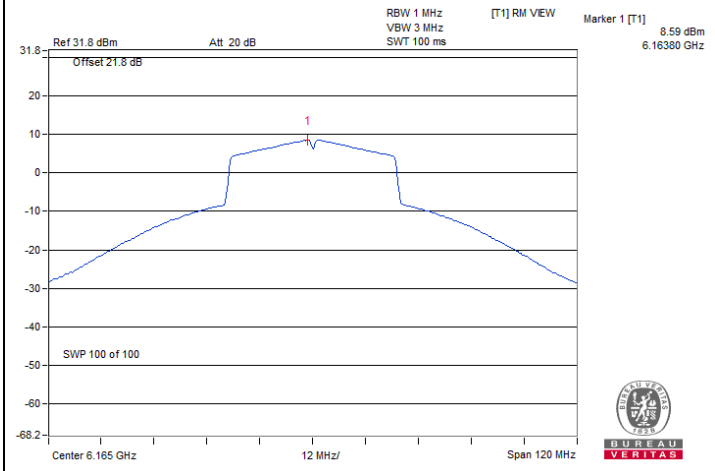
Spectrum Plot of Maximum Value



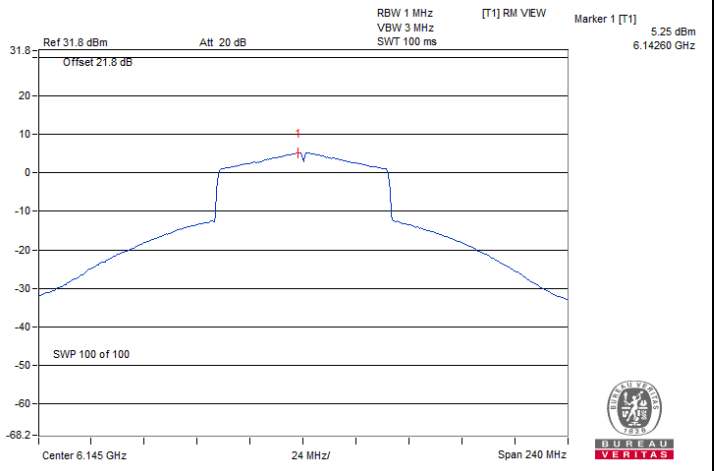
802.11a : CH 93



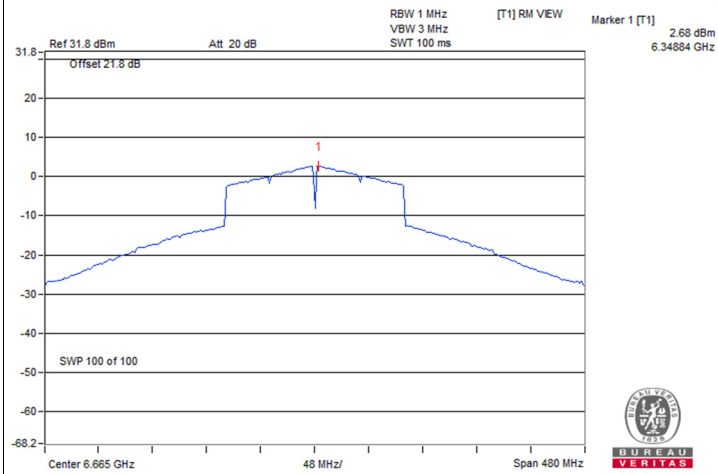
802.11ax (HE20) : CH 93



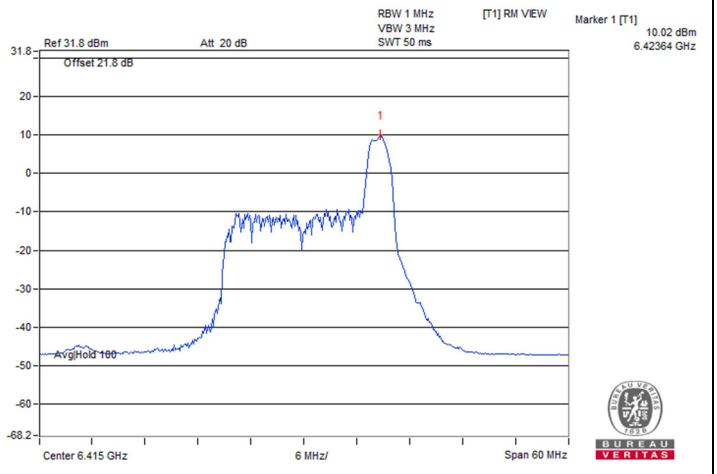
802.11ax (HE40) : CH 43



802.11ax (HE80) : CH 39

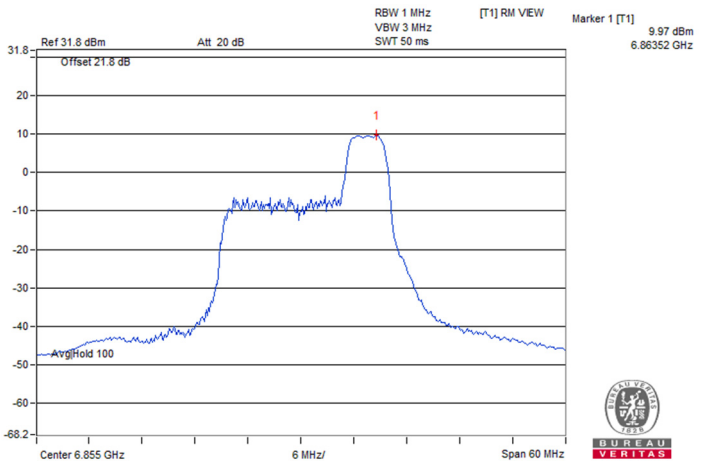


802.11ax (HE160) : CH 143

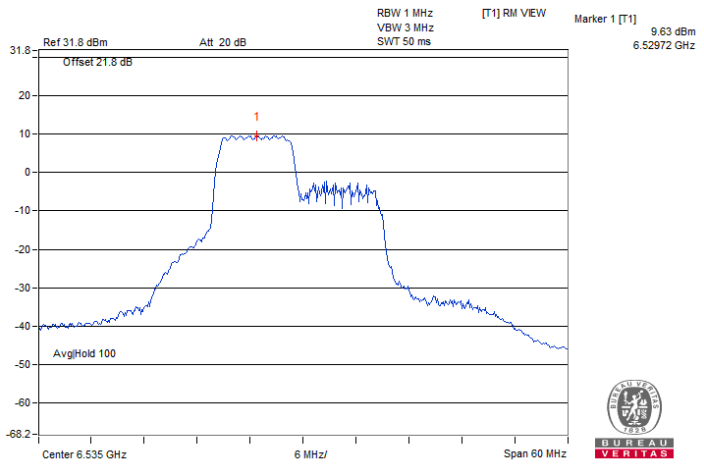


802.11ax (HE20) 26-tone RU : CH 93@8

Spectrum Plot of Maximum Value



802.11ax (HE20) 52-tone RU : CH 181@40



802.11ax (HE20) 106-tone RU : CH 117@53

7.3 Emission Bandwidth

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Katina Lu

802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	39.62	320	Pass
45	6175	40.5	320	Pass
93	6415	42.47	320	Pass
117	6535	38.37	320	Pass
149	6695	41.85	320	Pass
181	6855	43.37	320	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	38.96	320	Pass
45	6175	43.66	320	Pass
93	6415	39.44	320	Pass
117	6535	41.02	320	Pass
149	6695	42.15	320	Pass
181	6855	50.22	320	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
3	5965	61.52	320	Pass
43	6165	98.77	320	Pass
91	6405	95.3	320	Pass
123	6565	98.61	320	Pass
155	6725	96.72	320	Pass
179	6845	109.44	320	Pass

802.11ax (HE80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
7	5985	94	320	Pass
39	6145	190.18	320	Pass
87	6385	183.57	320	Pass
135	6625	175.16	320	Pass
151	6705	187.52	320	Pass
167	6785	177.87	320	Pass

802.11ax (HE160)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	287.94	320	Pass
47	6185	318.85	320	Pass
79	6345	317.61	320	Pass
143	6665	313.47	320	Pass

802.11ax (HE20) 26-tone RU

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	20.83	320	Pass
93	6415	20.89	320	Pass
117	6535	20.66	320	Pass
181	6855	20.79	320	Pass

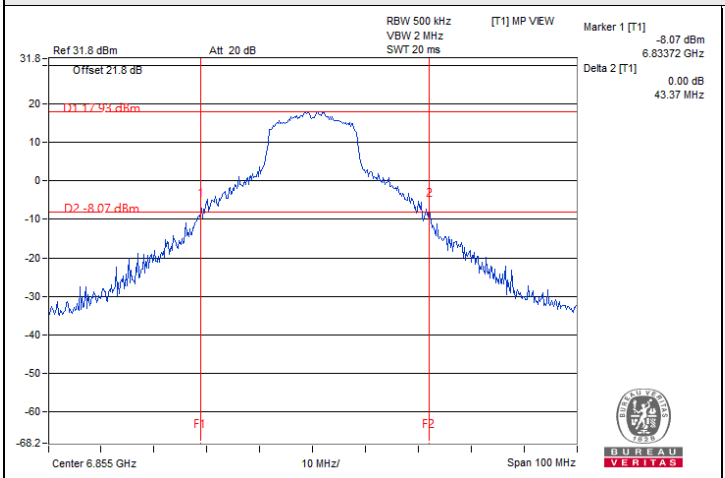
802.11ax (HE20) 52-tone RU

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	21.3	320	Pass
93	6415	21.35	320	Pass
117	6535	21.08	320	Pass
181	6855	21.3	320	Pass

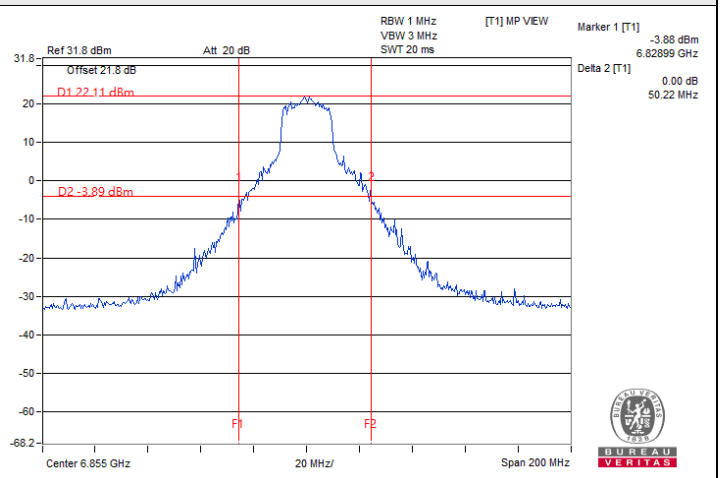
802.11ax (HE20) 106-tone RU

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	24.42	320	Pass
93	6415	25.93	320	Pass
117	6535	24.62	320	Pass
181	6855	26.05	320	Pass

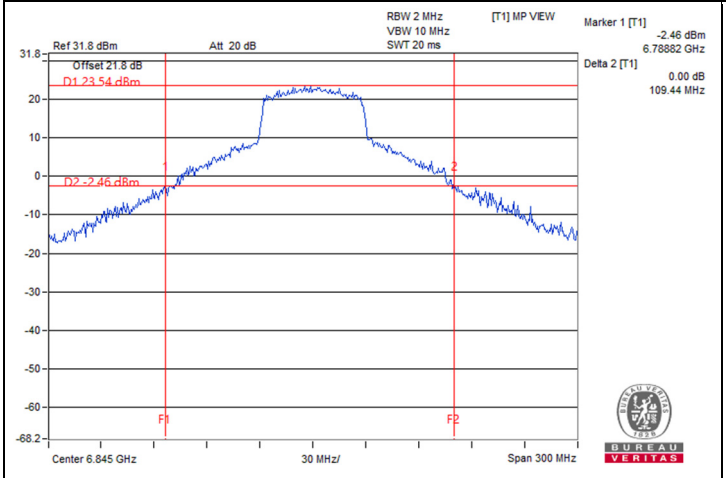
Spectrum Plot of Maximum Value



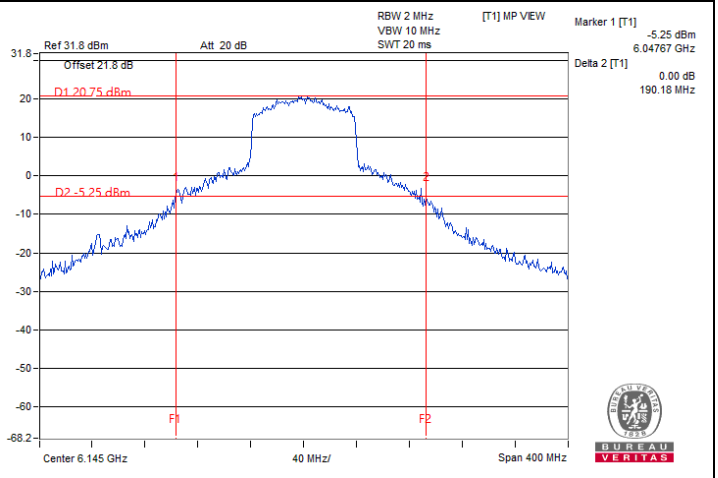
802.11a : CH 181



802.11ax (HE20) : CH 181

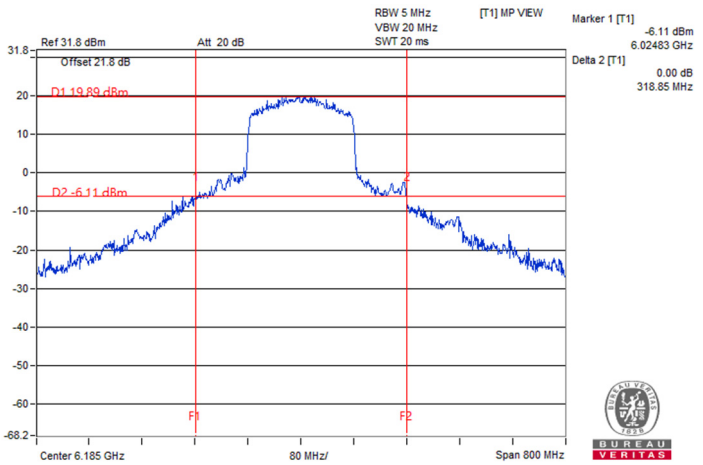


802.11ax (HE40) : CH 179

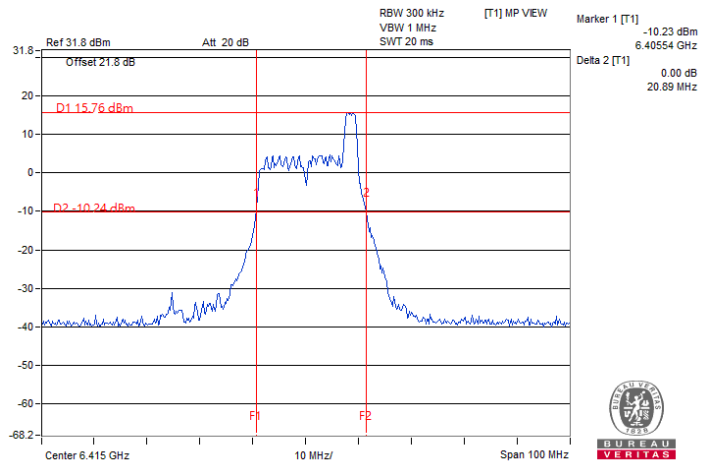


802.11ax (HE80) : CH 39

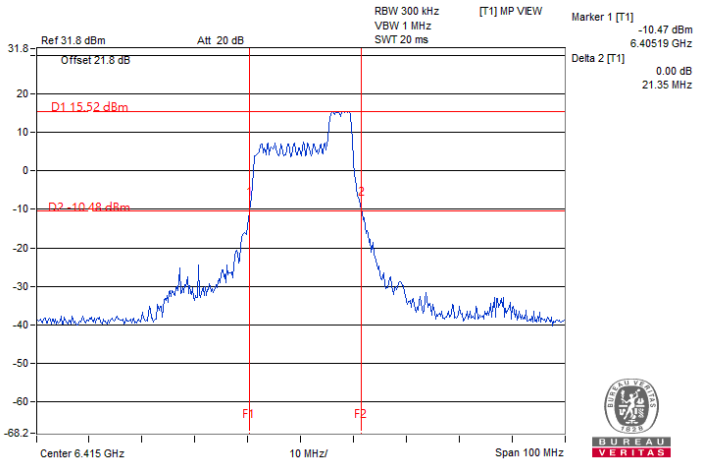
Spectrum Plot of Maximum Value



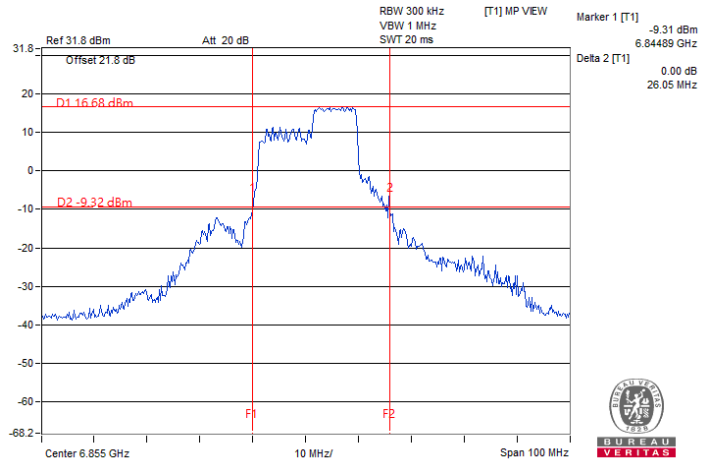
802.11ax (HE160) : CH 47



802.11ax (HE20) 26-tone RU : CH 93@8



802.11ax (HE20) 52-tone RU : CH 93@40

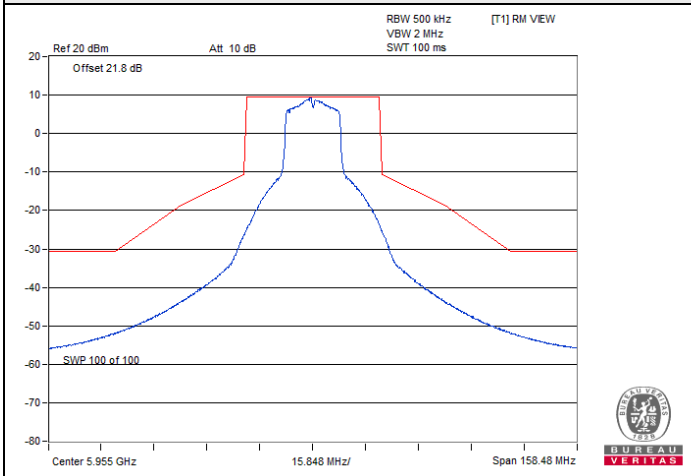
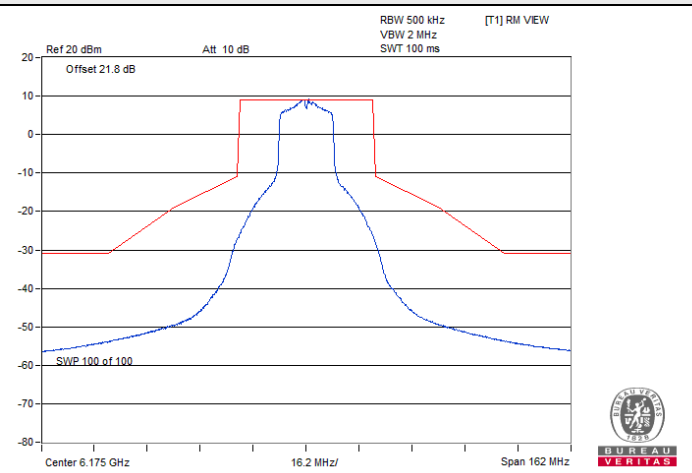
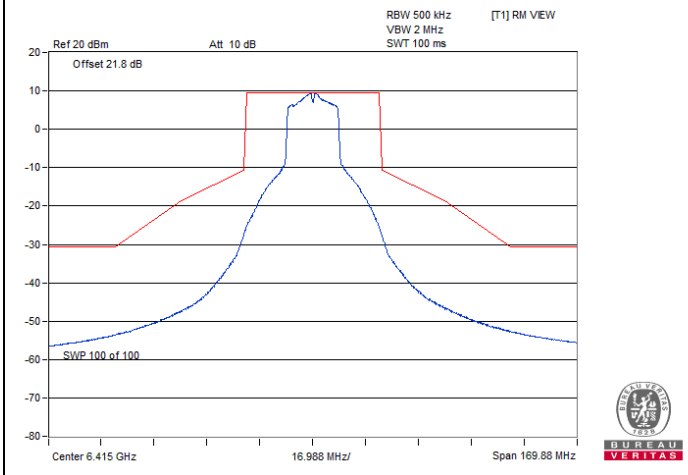
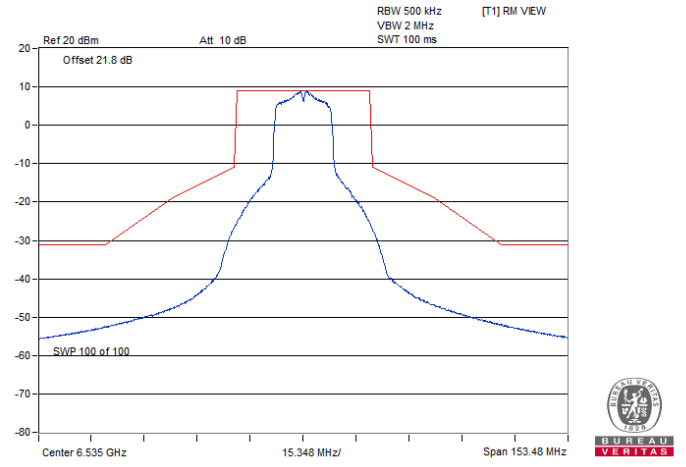
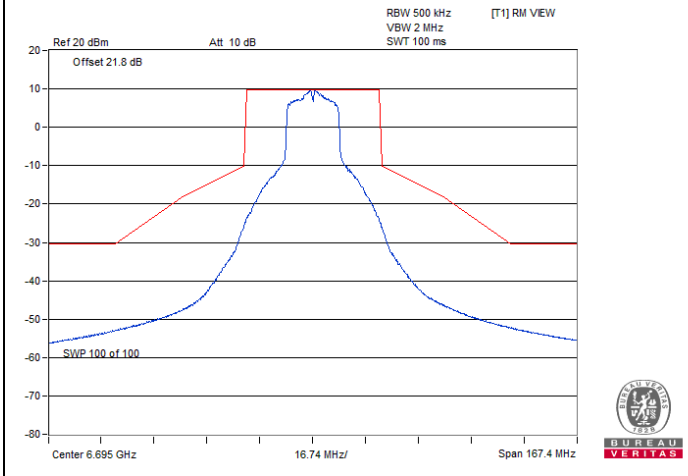
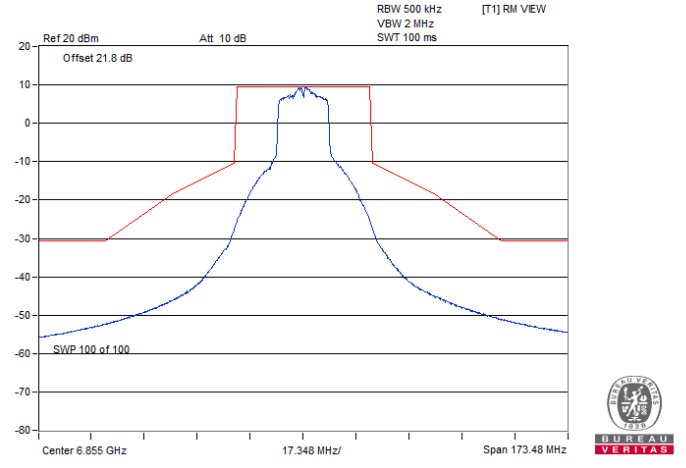


802.11ax (HE20) 106-tone RU : CH 181@54

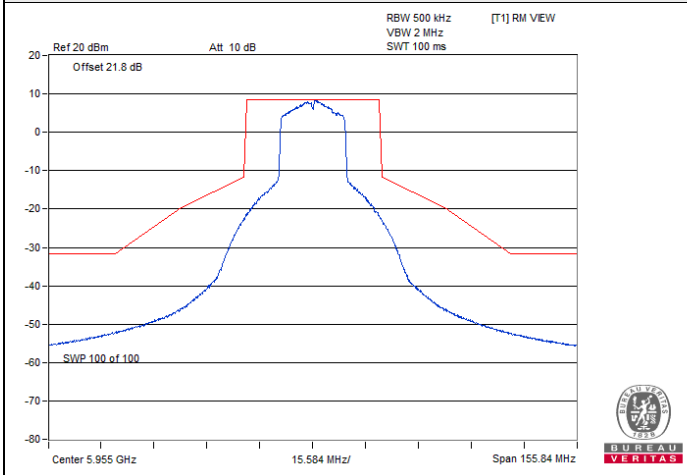
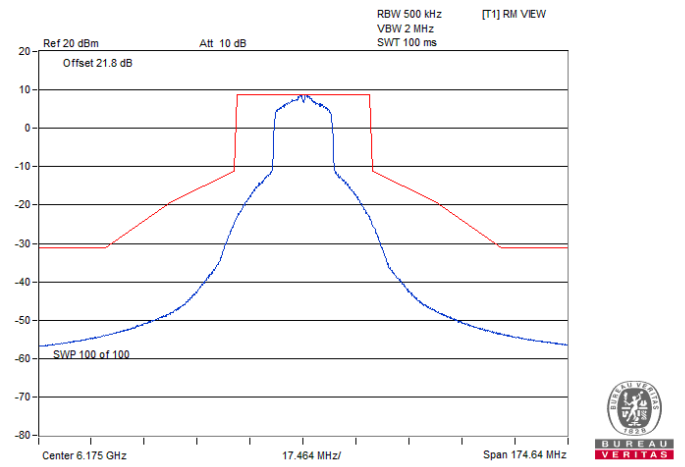
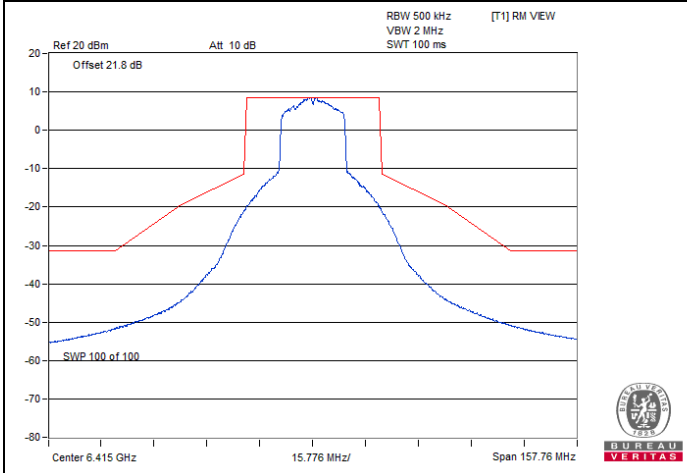
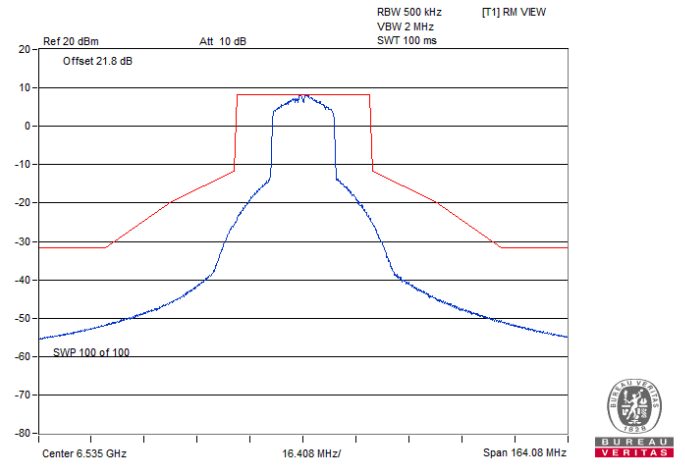
7.4 In-Band Emission Mask

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Katina Lu

802.11a

Spectrum Plot	
	
802.11a : CH 1	802.11a : CH 45
	
802.11a : CH 93	802.11a : CH 117
	
802.11a : CH 149	802.11a : CH 181

802.11ax (HE20)

Spectrum Plot	
	
802.11ax (HE20) : CH 1	802.11ax (HE20) : CH 45
	
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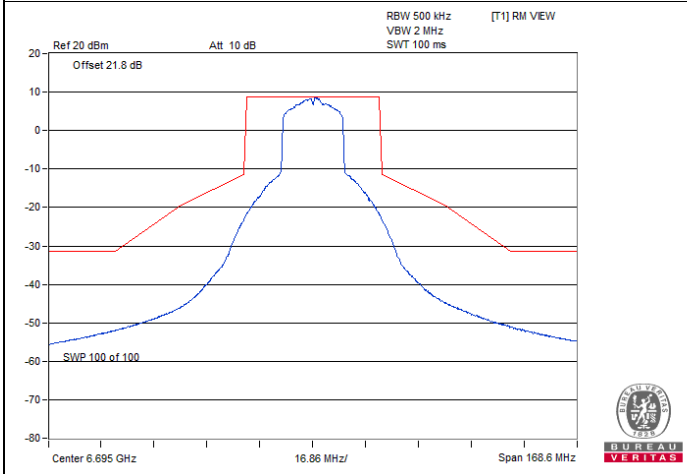
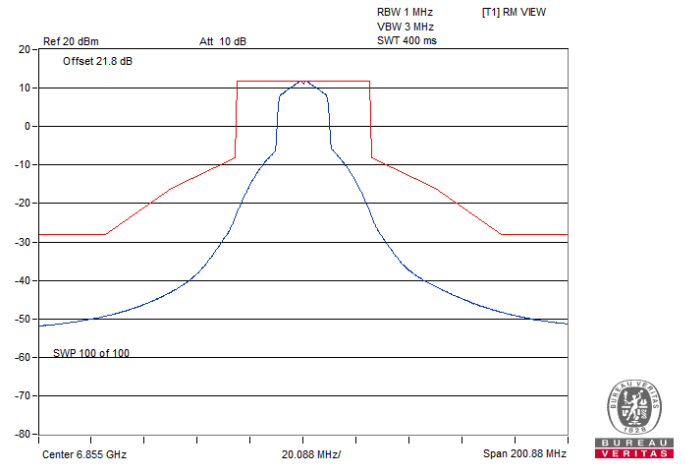
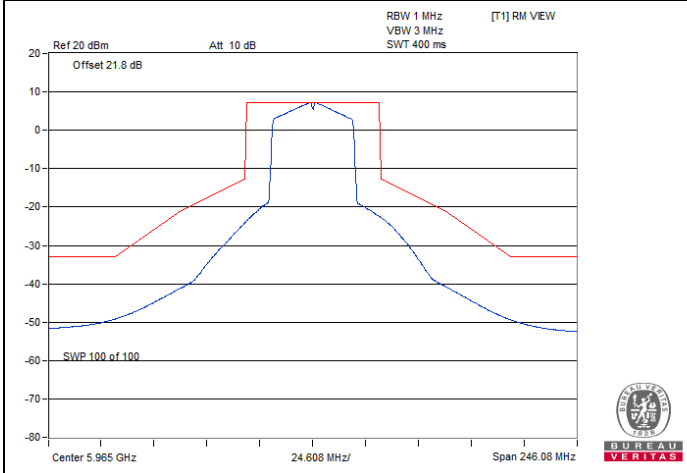
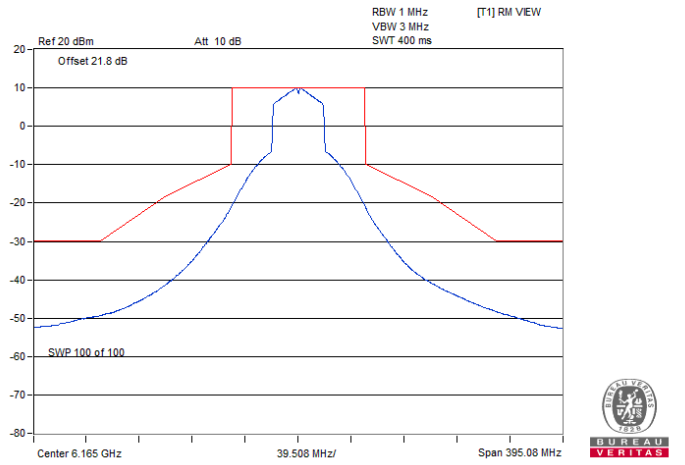
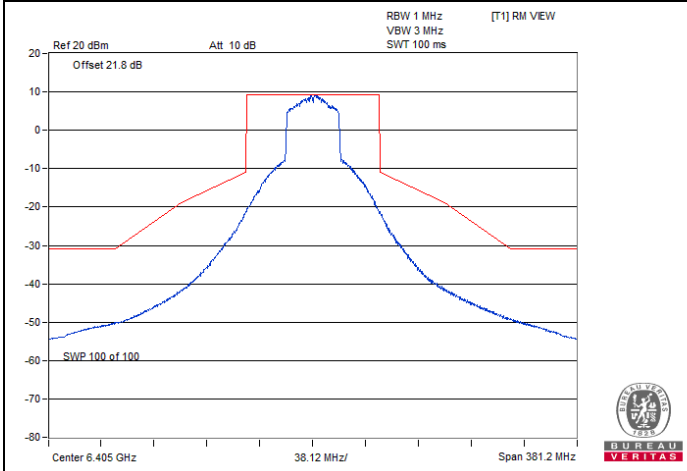
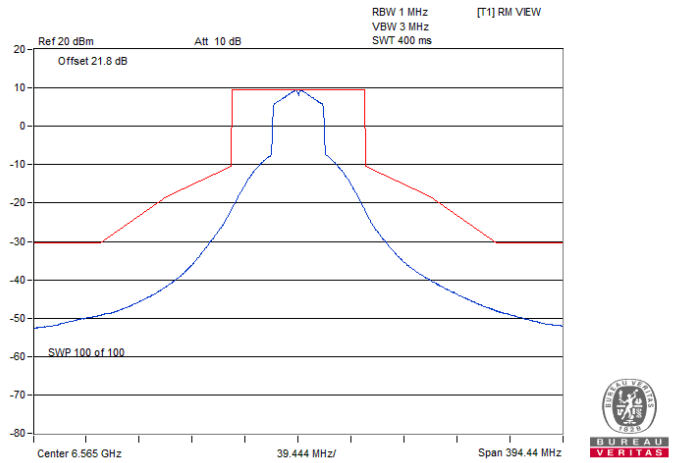
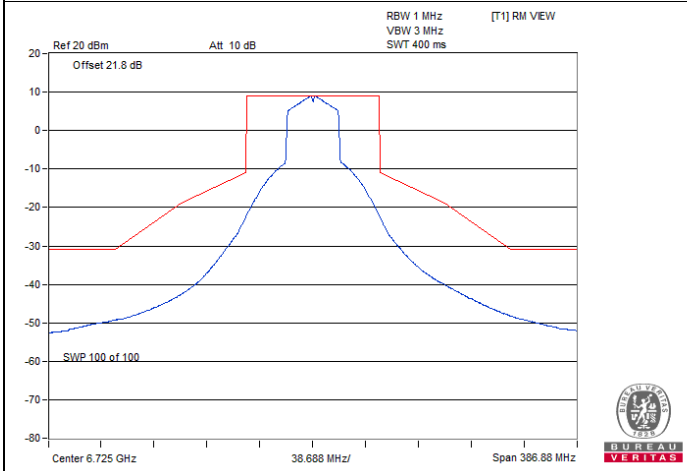
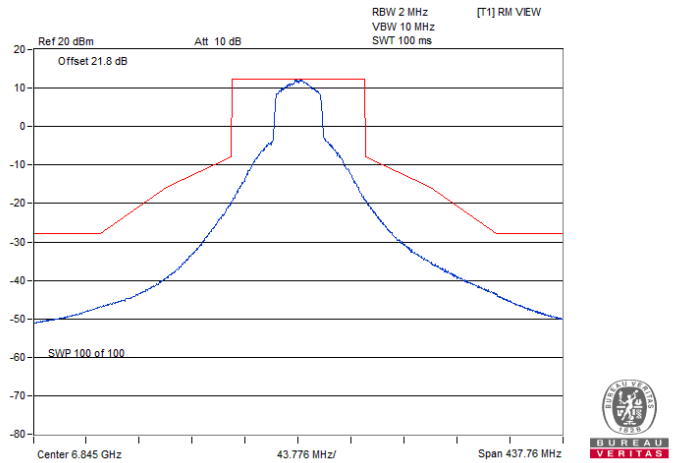
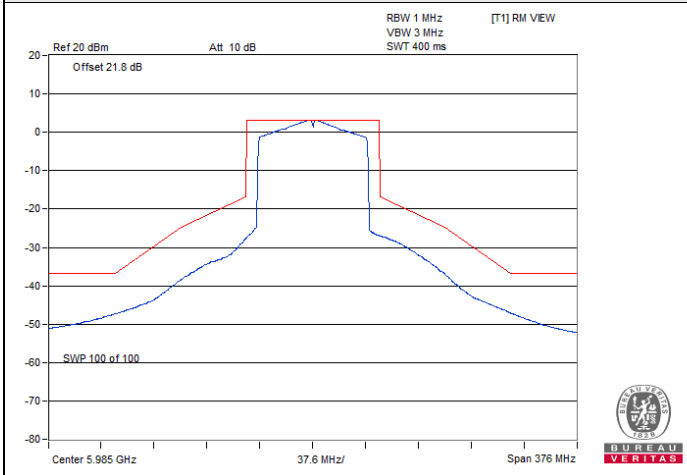
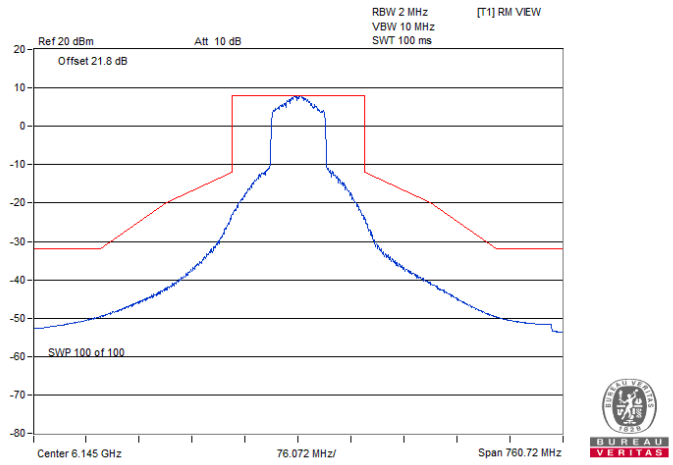
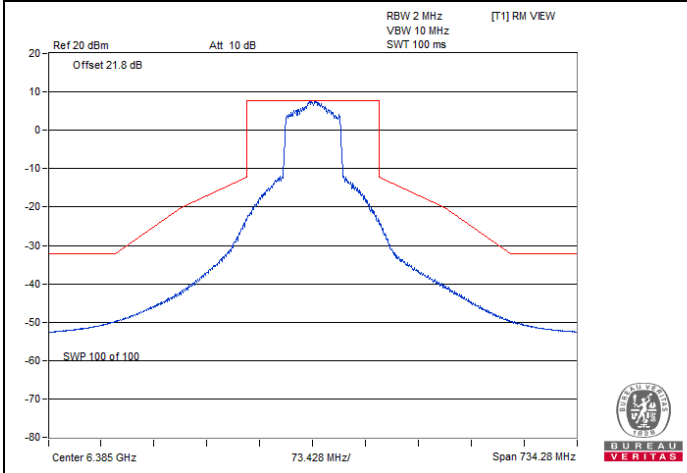
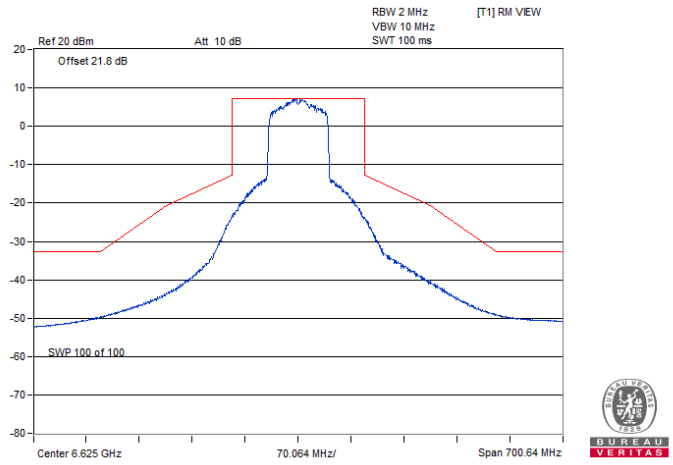
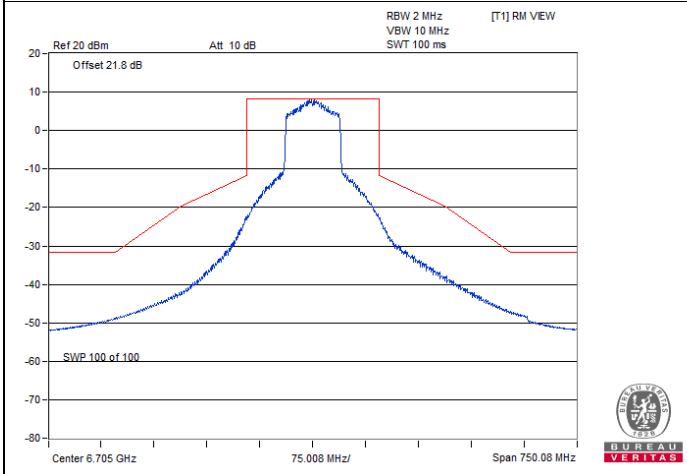
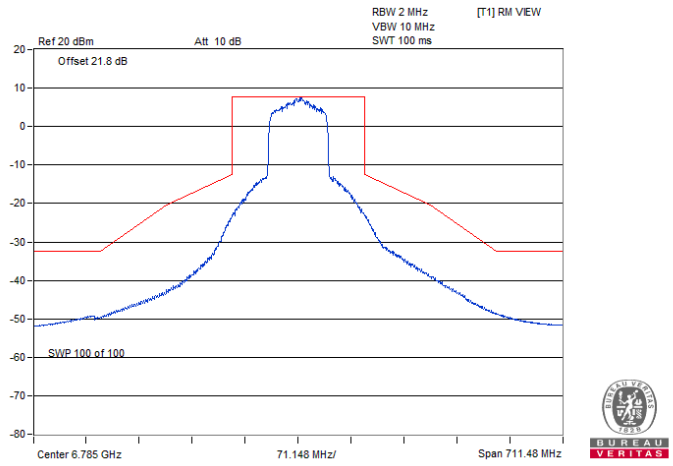
	
802.11ax (HE20) : CH 149	802.11ax (HE20) : CH 181

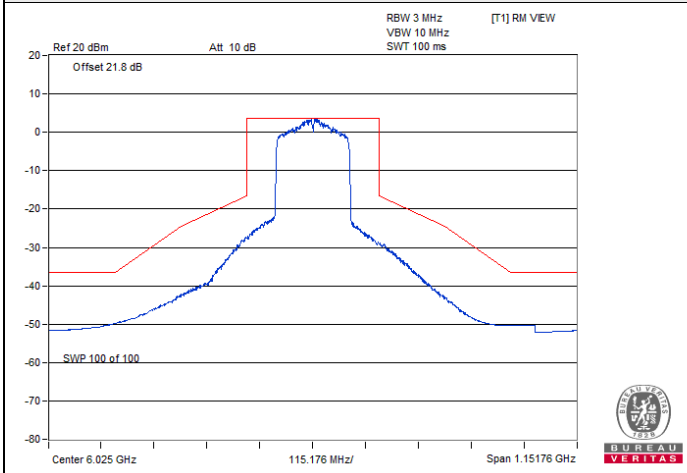
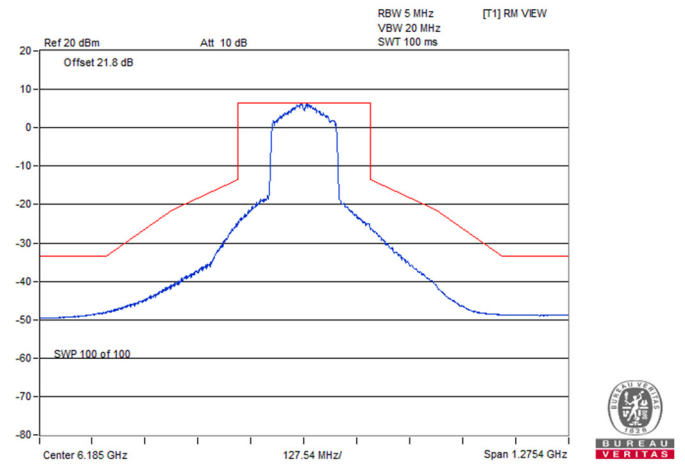
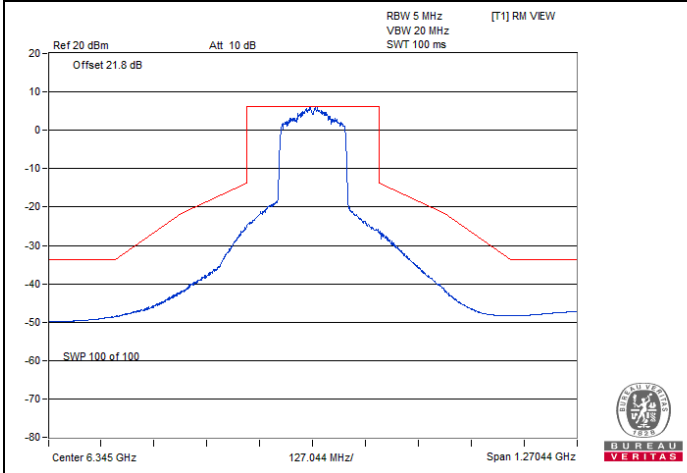
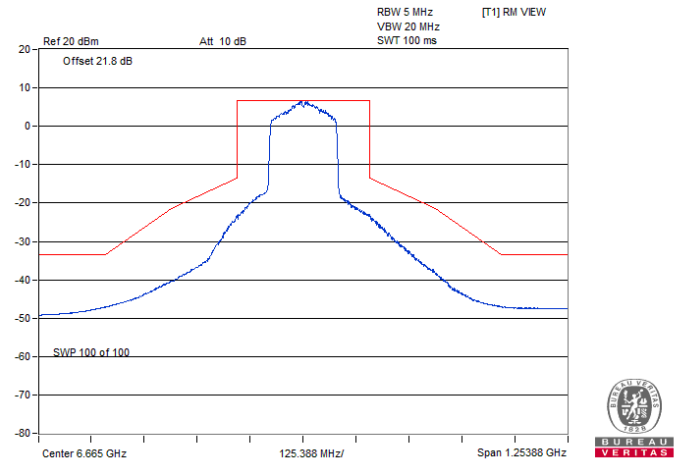
802.11ax (HE40)

Spectrum Plot	
	
802.11ax (HE40) : CH 3	802.11ax (HE40) : CH 43
	
802.11ax (HE40) : CH 91	802.11ax (HE40) : CH 123
	
802.11ax (HE40) : CH 155	802.11ax (HE40) : CH 179

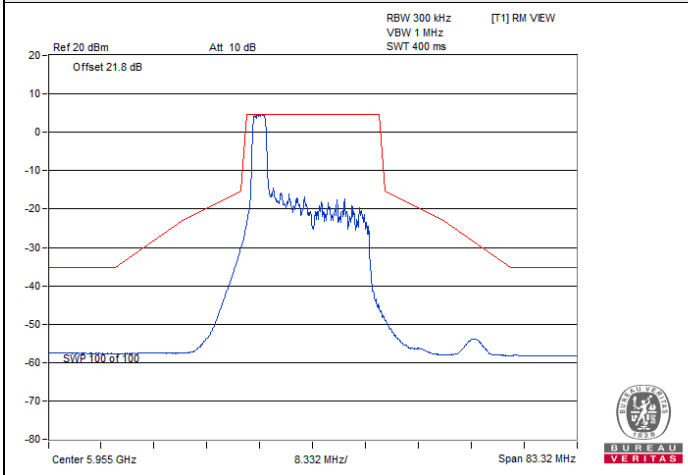
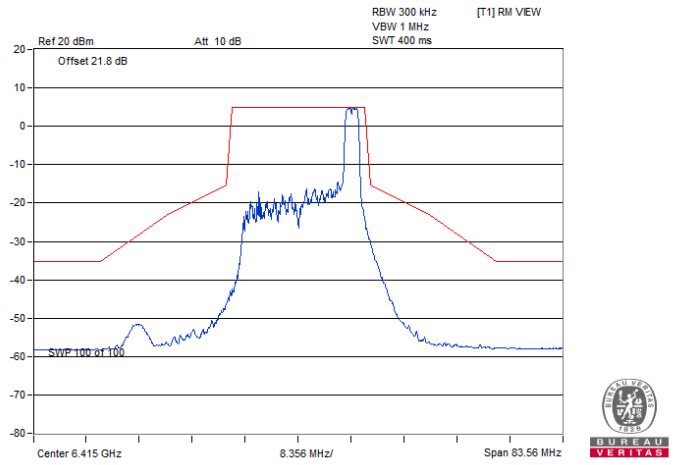
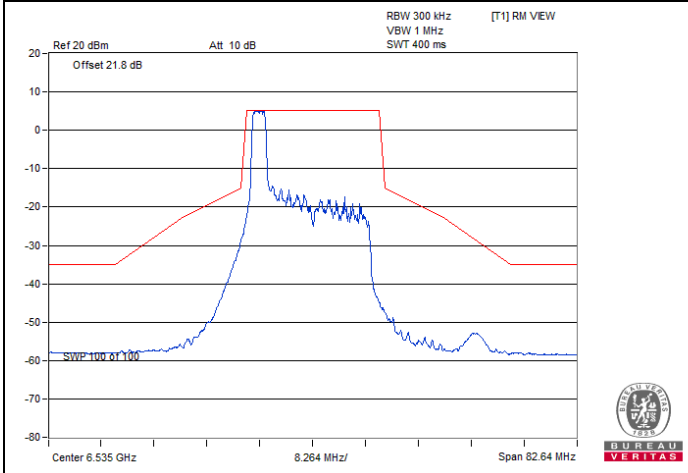
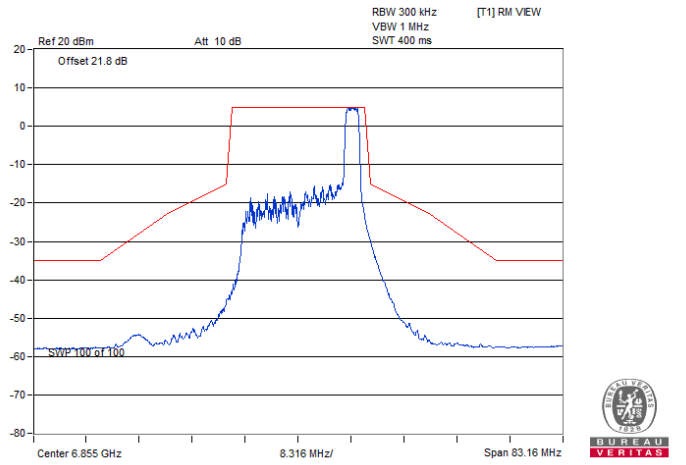
802.11ax (HE80)

Spectrum Plot	
	
802.11ax (HE80) : CH 7	802.11ax (HE80) : CH 39
	
802.11ax (HE80) : CH 87	802.11ax (HE80) : CH 135
	
802.11ax (HE80) : CH 151	802.11ax (HE80) : CH 167

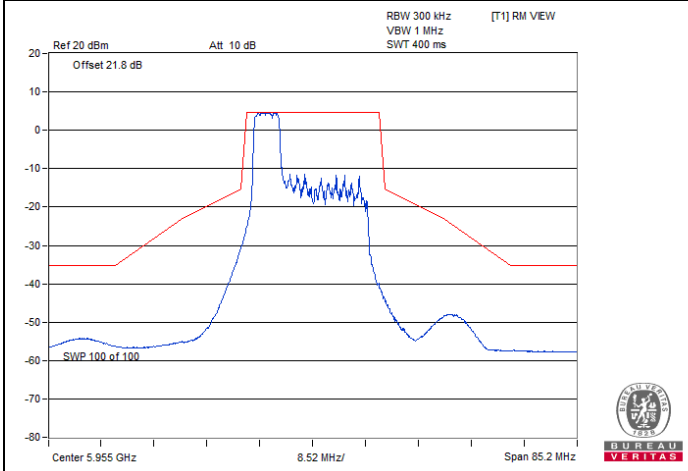
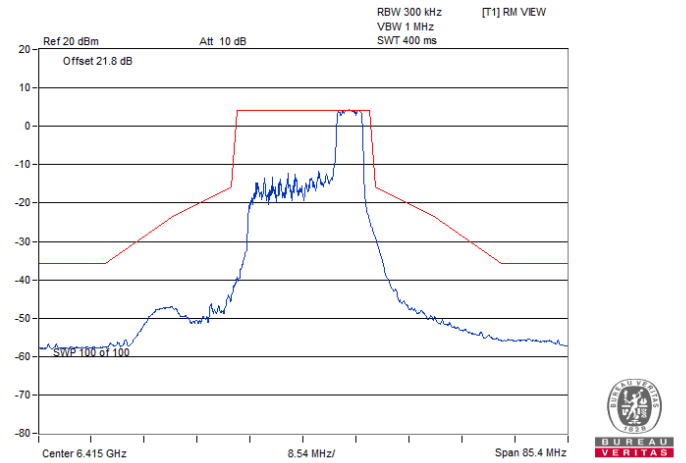
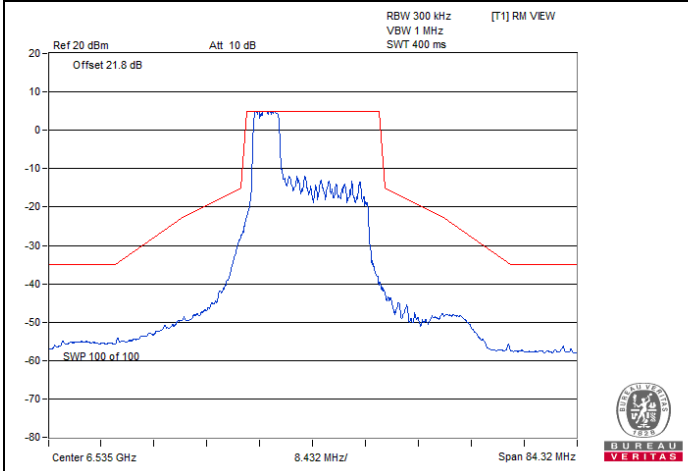
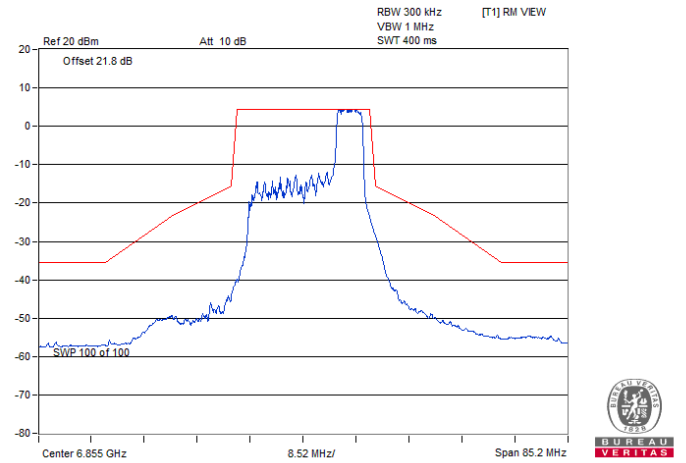
802.11ax (HE160)

Spectrum Plot	
	
802.11ax (HE160) : CH 15	802.11ax (HE160) : CH 47
	
802.11ax (HE160) : CH 79	802.11ax (HE160) : CH 143

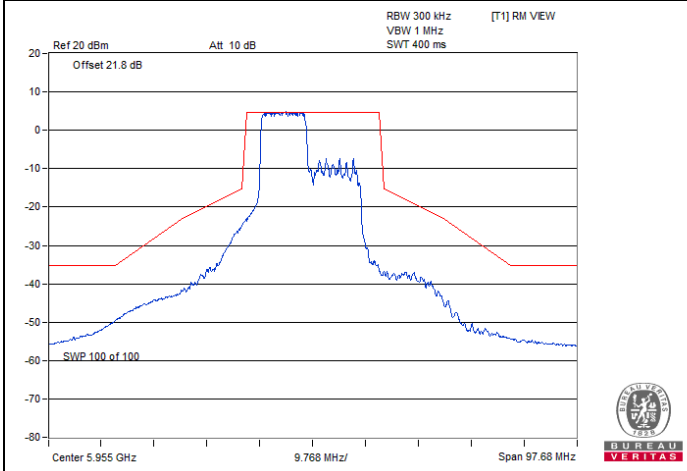
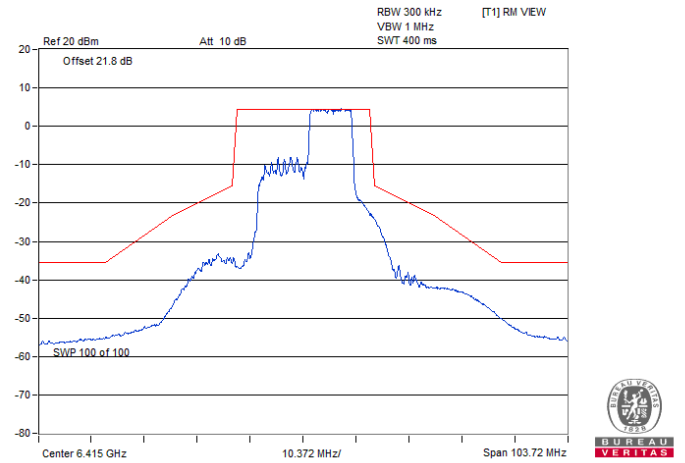
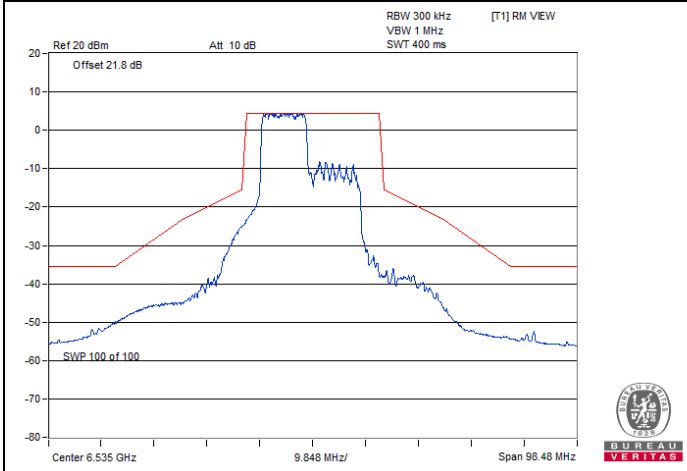
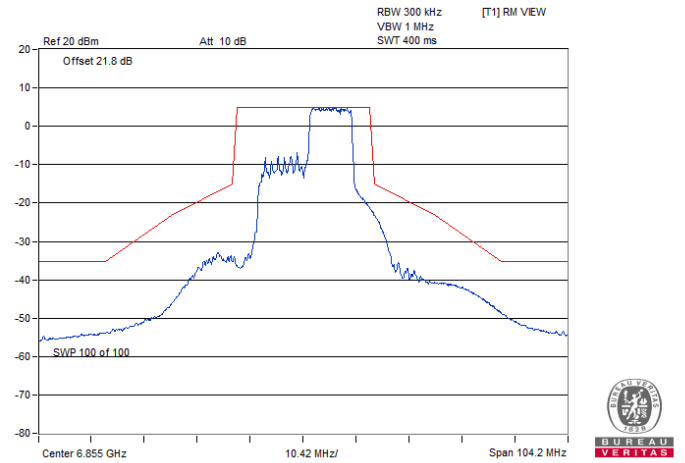
802.11ax (HE20) 26-tone RU

Spectrum Plot	
	
802.11ax (HE20) 26-tone RU : CH 1@0	802.11ax (HE20) 26-tone RU : CH 93@8
	
802.11ax (HE20) 26-tone RU : CH 117@0	802.11ax (HE20) 26-tone RU : CH 181@8

802.11ax (HE20) 52-tone RU

Spectrum Plot	
	
802.11ax (HE20) 52-tone RU : CH 1@37	802.11ax (HE20) 52-tone RU : CH 93@40
	
802.11ax (HE20) 52-tone RU : CH 117@37	802.11ax (HE20) 52-tone RU : CH 181@40

802.11ax (HE20) 106-tone RU

Spectrum Plot	
	
802.11ax (HE20) 106-tone RU : CH 1@53	802.11ax (HE20) 106-tone RU : CH 93@54
	
802.11ax (HE20) 106-tone RU : CH 117@53	802.11ax (HE20) 106-tone RU : CH 181@54

7.5 Occupied Bandwidth

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Katina Lu

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	23.04	320	Pass
45	6175	22.32	320	Pass
93	6415	25.68	320	Pass
117	6535	21.96	320	Pass
149	6695	25.92	320	Pass
181	6855	25.08	320	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	21.12	320	Pass
45	6175	22.56	320	Pass
93	6415	26.76	320	Pass
117	6535	21.72	320	Pass
149	6695	26.4	320	Pass
181	6855	27	320	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
3	5965	38.16	320	Pass
43	6165	60.96	320	Pass
91	6405	65.28	320	Pass
123	6565	59.76	320	Pass
155	6725	58.56	320	Pass
179	6845	67.2	320	Pass

802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
7	5985	77.28	320	Pass
39	6145	119.04	320	Pass
87	6385	114.72	320	Pass
135	6625	89.76	320	Pass
151	6705	114.72	320	Pass
167	6785	96.48	320	Pass

802.11ax (HE160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	158.4	320	Pass
47	6185	238.08	320	Pass
79	6345	280.32	320	Pass
143	6665	208.32	320	Pass

802.11ax (HE20) 26-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	18.52	320	Pass
93	6415	18.6	320	Pass
117	6535	18.6	320	Pass
181	6855	18.6	320	Pass

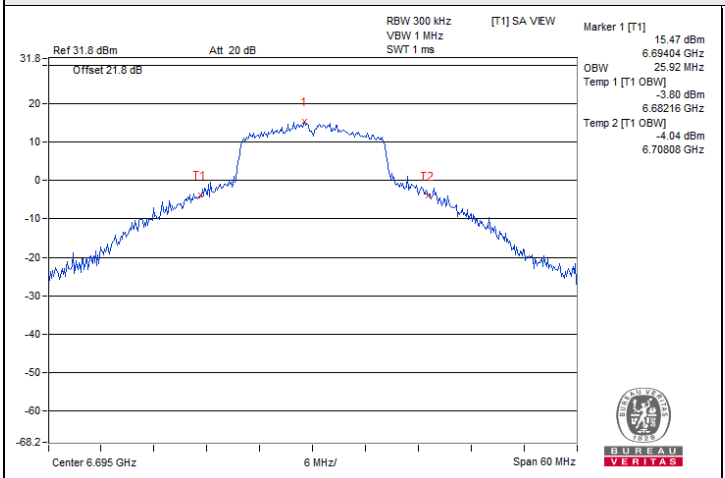
802.11ax (HE20) 52-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	18.44	320	Pass
93	6415	18.48	320	Pass
117	6535	18.36	320	Pass
181	6855	18.48	320	Pass

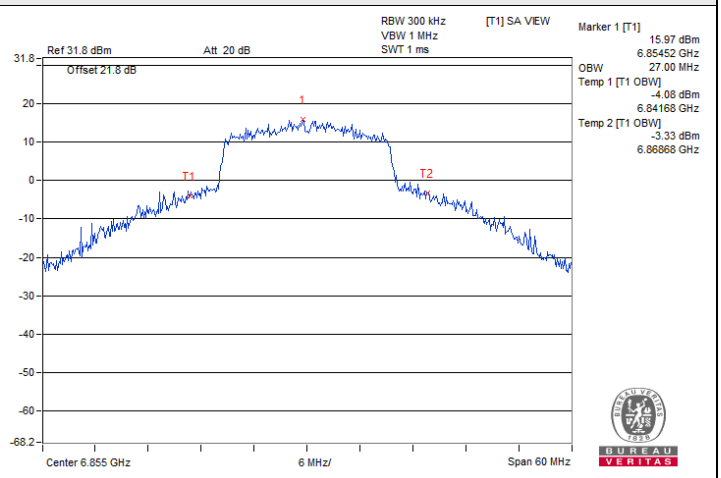
802.11ax (HE20) 106-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	18.61	320	Pass
93	6415	18.72	320	Pass
117	6535	18.48	320	Pass
181	6855	18.72	320	Pass

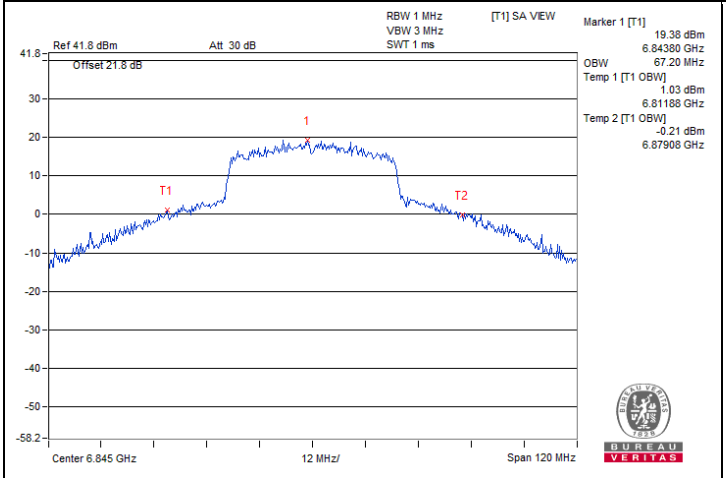
Spectrum Plot of Maximum Value



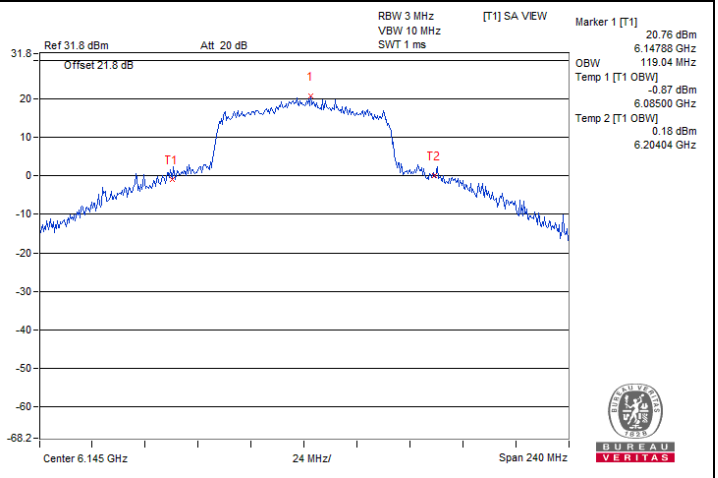
802.11a : CH 149



802.11ax (HE20) : CH 181

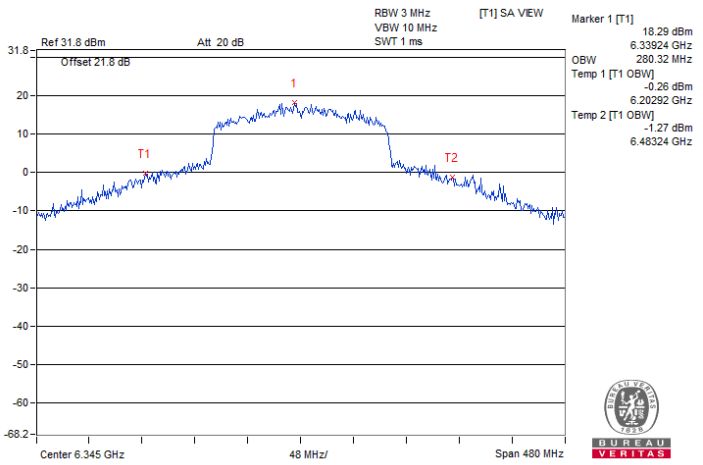


802.11ax (HE40) : CH 179

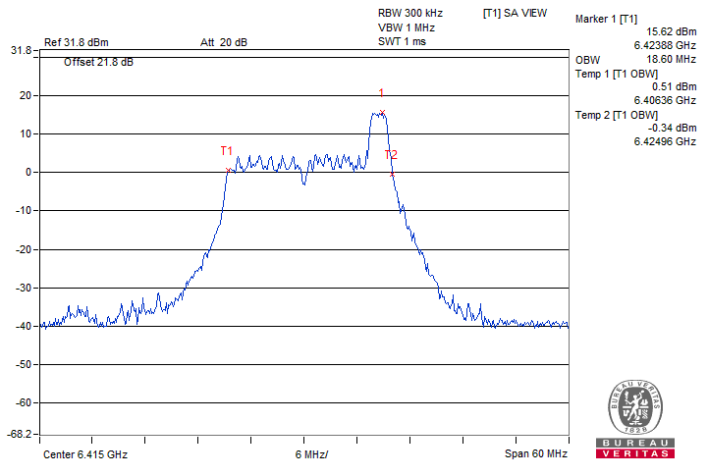


802.11ax (HE80) : CH 39

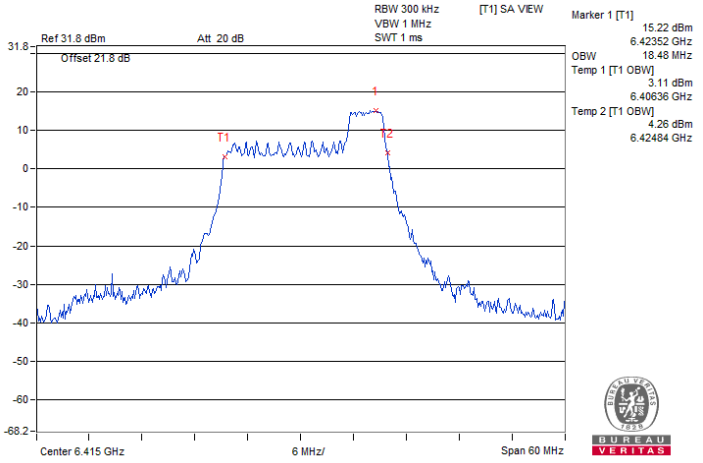
Spectrum Plot of Maximum Value



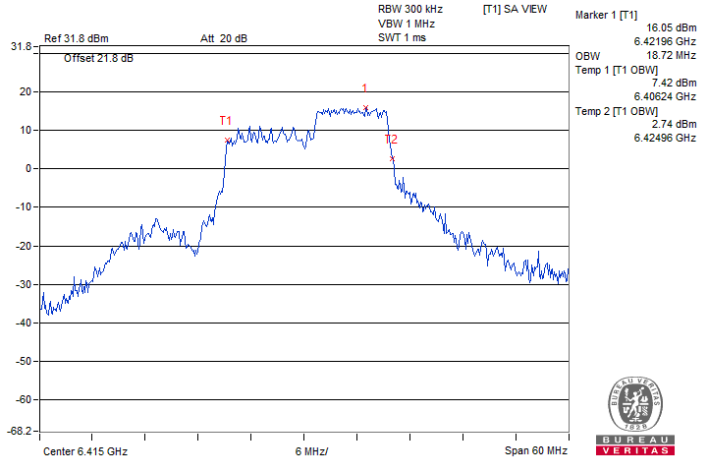
802.11ax (HE160) : CH 79



802.11ax (HE20) 26-tone RU : CH 93@8



802.11ax (HE20) 52-tone RU : CH 93@40



802.11ax (HE20) 106-tone RU : CH 93@54

7.6 Frequency Stability

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Katina Lu

802.11a

Frequency Stability Versus Temperature									
Operating Frequency: 5955 MHz									
Temp. (℃)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
70	3.3	5954.9929	Pass	5954.9916	Pass	5954.9939	Pass	5954.9928	Pass
60	3.3	5954.9773	Pass	5954.9785	Pass	5954.9781	Pass	5954.978	Pass
50	3.3	5954.9838	Pass	5954.9869	Pass	5954.9895	Pass	5954.985	Pass
40	3.3	5954.9968	Pass	5954.9988	Pass	5954.9972	Pass	5954.9976	Pass
30	3.3	5954.974	Pass	5954.9737	Pass	5954.973	Pass	5954.9751	Pass
20	3.3	5955.025	Pass	5955.0232	Pass	5955.026	Pass	5955.0267	Pass
10	3.3	5955.0058	Pass	5955.0062	Pass	5955.0019	Pass	5955.006	Pass
0	3.3	5955.0177	Pass	5955.0188	Pass	5955.0182	Pass	5955.0216	Pass
-10	3.3	5955.0279	Pass	5955.0302	Pass	5955.028	Pass	5955.0274	Pass
-20	3.3	5954.9745	Pass	5954.9755	Pass	5954.9756	Pass	5954.9754	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5955 MHz									
Temp. (℃)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
20	3.795	5955.0355	Pass	5955.0347	Pass	5955.0356	Pass	5955.0331	Pass
	3.3	5955.025	Pass	5955.0232	Pass	5955.026	Pass	5955.0267	Pass
	2.805	5955.0317	Pass	5955.0275	Pass	5955.028	Pass	5955.0283	Pass

7.7 Contention-based Protocol

Mode B

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Tobey Chen

For U-NII-5

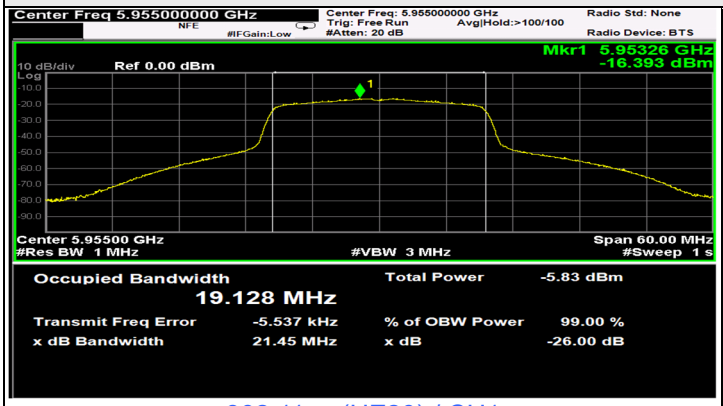
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	1	5955	5955	-82	-13.92	0	-68.08	-62	OFF
					-82.5	-13.92	0	-68.58	-62	Minimal
					-96.92	-13.92	0	-83	-62	ON
	160	15	6025	5950	-82	-13.92	0	-68.08	-62	OFF
					-82.5	-13.92	0	-68.58	-62	Minimal
					-96.92	-13.92	0	-83	-62	ON
				6025	-82	-13.92	0	-68.08	-62	OFF
					-82.5	-13.92	0	-68.58	-62	Minimal
					-96.92	-13.92	0	-83	-62	ON
				6100	-82	-13.92	0	-68.08	-62	OFF
					-82.5	-13.92	0	-68.58	-62	Minimal
					-96.92	-13.92	0	-83	-62	ON

Notes:

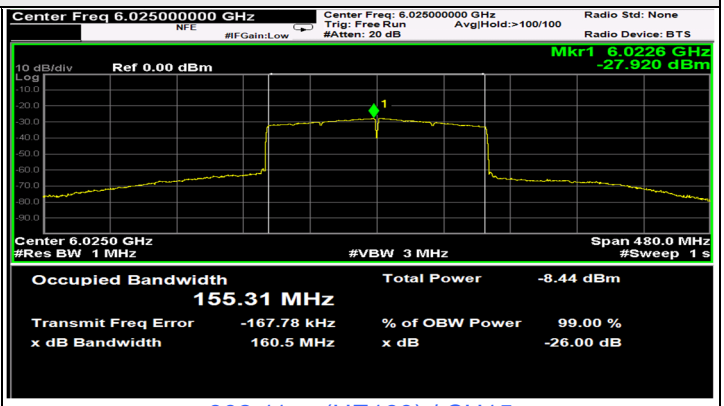
1. After investigation (consider antenna gain and path loss) , the one representative port (Chain 0) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability														
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	5955	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	5950	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6025	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6100	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform

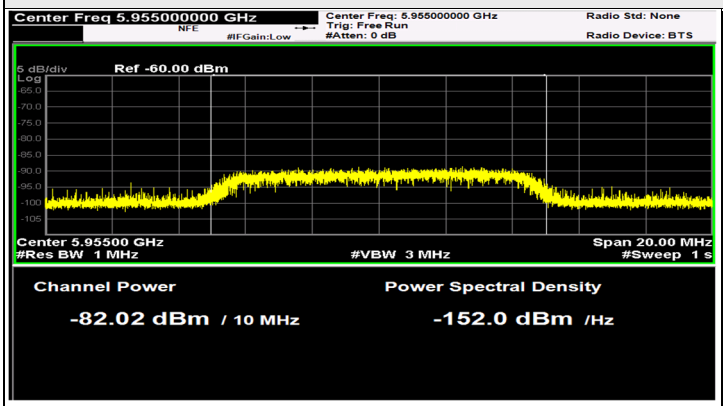


802.11ax (HE20) / CH1

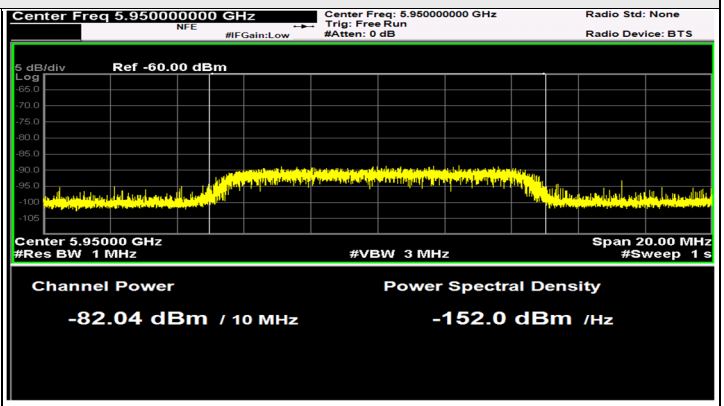


802.11ax (HE160) / CH15

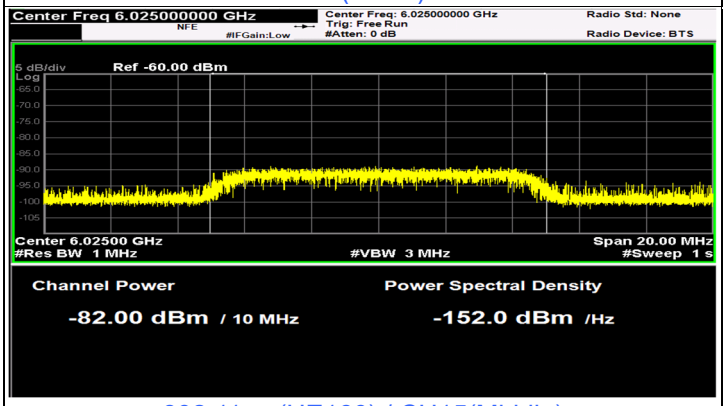
Plots of Injected signal (AWGN) level



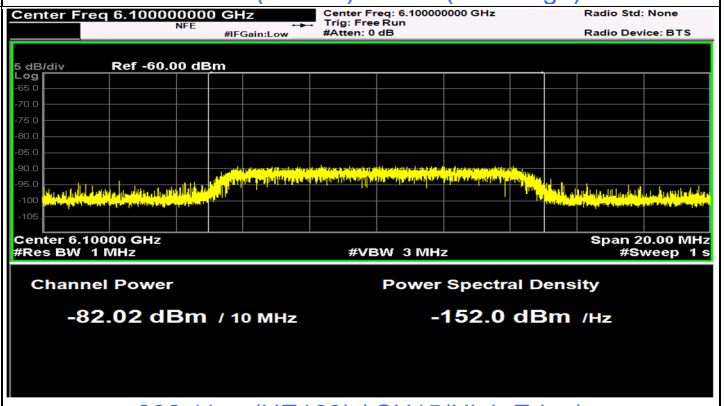
802.11ax (HE20) / CH1



802.11ax (HE160) / CH15(Low Edge)

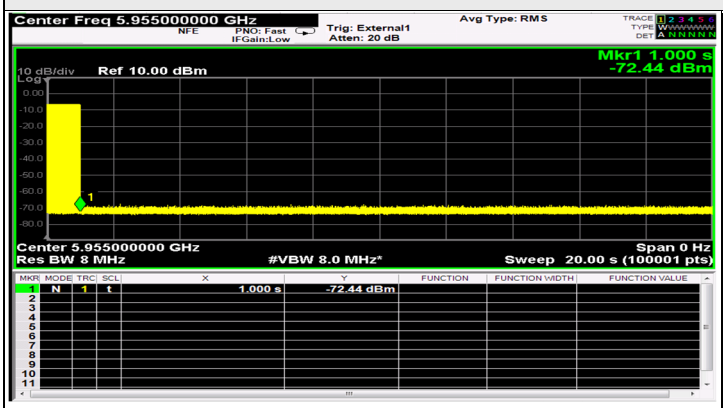


802.11ax (HE160) / CH15(Middle)

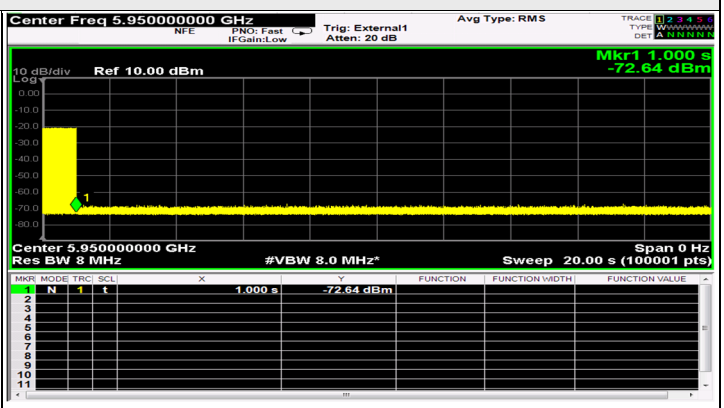


802.11ax (HE160) / CH15(High Edge)

Plots of EUT ceased transmission in the time domain

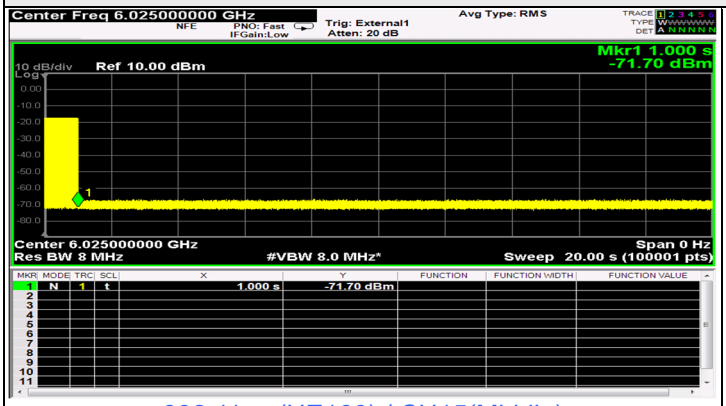


802.11ax (HE20) / CH1

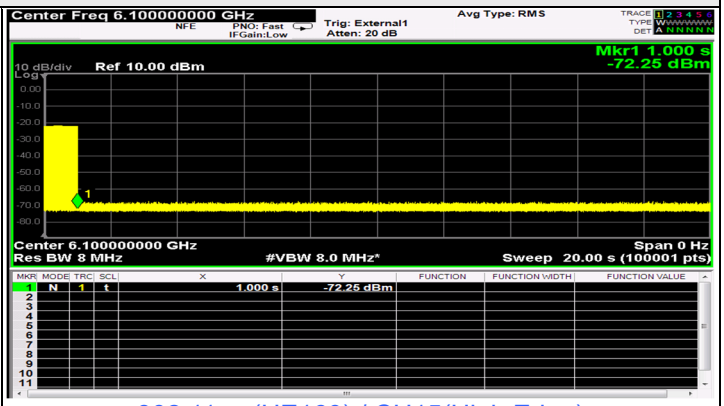


802.11ax (HE160) / CH15(Low Edge)

Plots of EUT ceased transmission in the time domain



802.11ax (HE160) / CH15(Middle)



802.11ax (HE160) / CH15(High Edge)

For U-NII-7

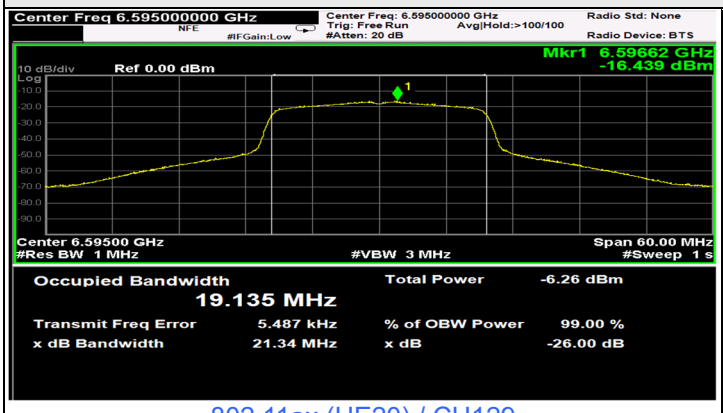
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	129	6595	6595	-82	-13.91	0	-68.09	-62	OFF
					-82.5	-13.91	0	-68.59	-62	Minimal
					-96.91	-13.91	0	-83	-62	ON
	160	143	6665	6590	-82	-13.91	0	-68.09	-62	OFF
					-82.5	-13.91	0	-68.59	-62	Minimal
					-96.91	-13.91	0	-83	-62	ON
				6665	-82	-13.91	0	-68.09	-62	OFF
					-82.5	-13.91	0	-68.59	-62	Minimal
					-96.91	-13.91	0	-83	-62	ON
				6740	-82	-13.91	0	-68.09	-62	OFF
					-82.5	-13.91	0	-68.59	-62	Minimal
					-96.91	-13.91	0	-83	-62	ON

Notes:

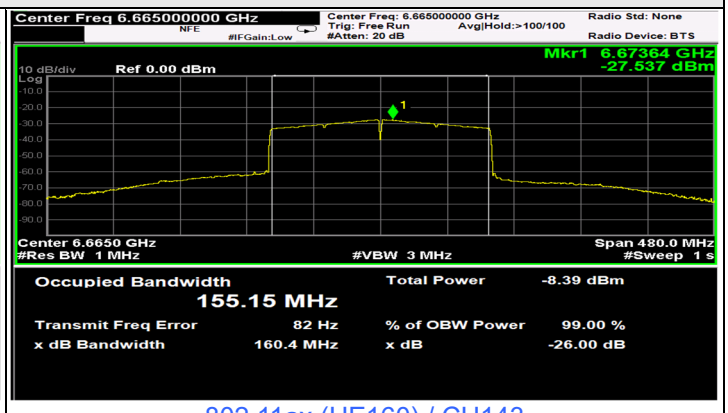
1. After investigation (consider antenna gain and path loss) , the one representative port (Chain 0) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability														
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6595	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6590	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6665	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6740	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform

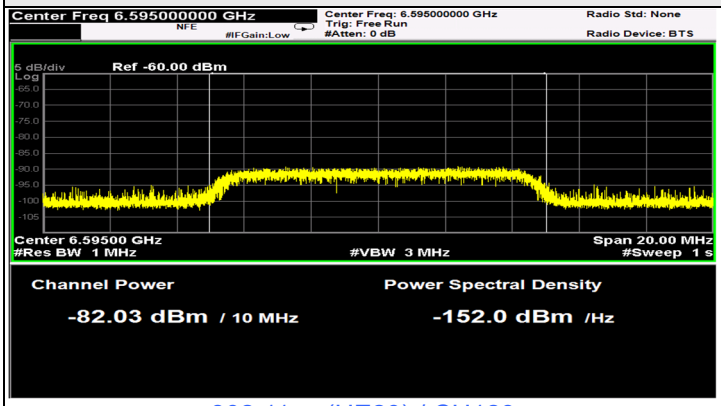


802.11ax (HE20) / CH129

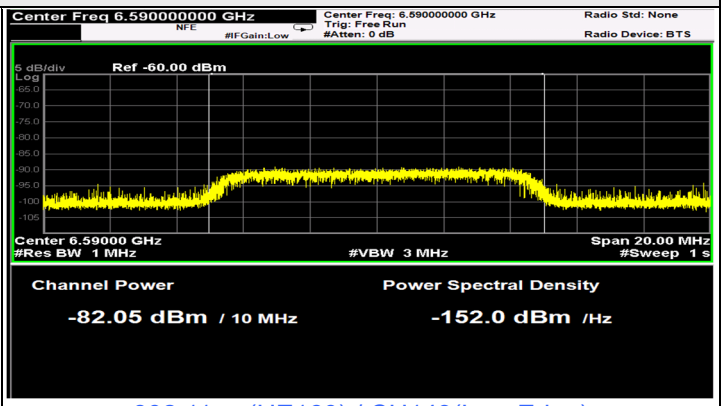


802.11ax (HE160) / CH143

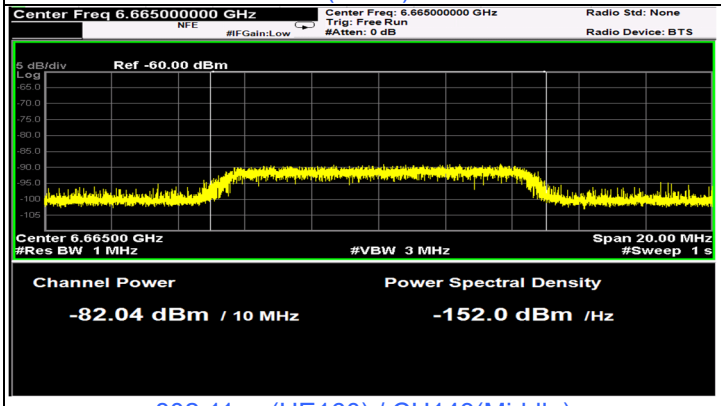
Plots of Injected signal (AWGN) level



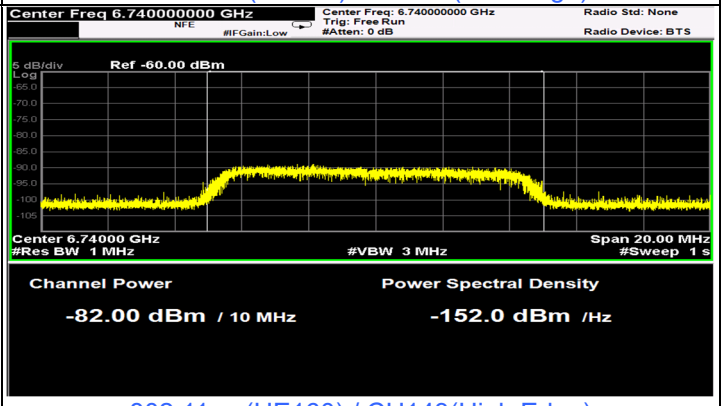
802.11ax (HE20) / CH129



802.11ax (HE160) / CH143(Low Edge)

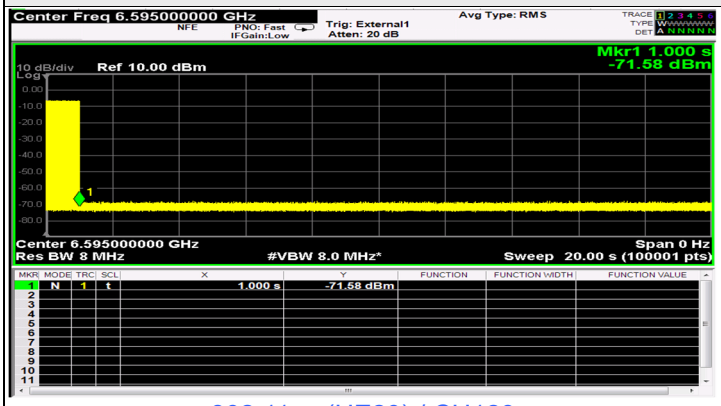


802.11ax (HE160) / CH143(Middle)

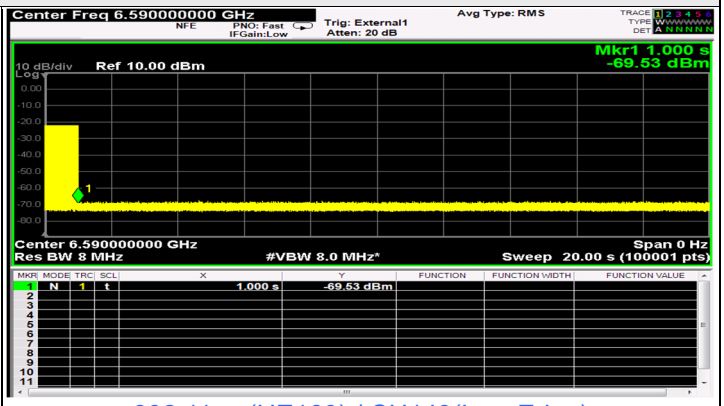


802.11ax (HE160) / CH143(High Edge)

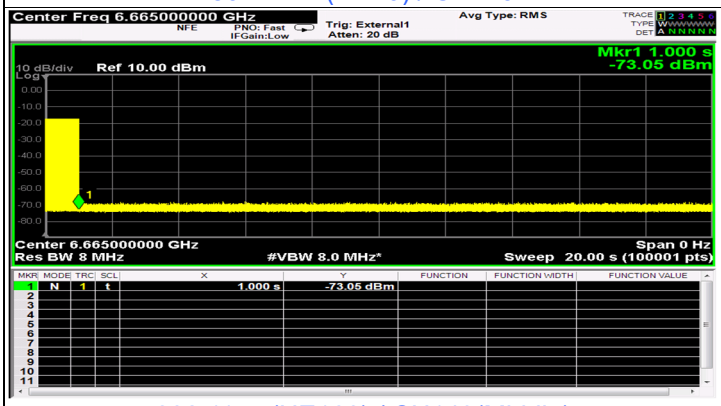
Plots of EUT ceased transmission in the time domain



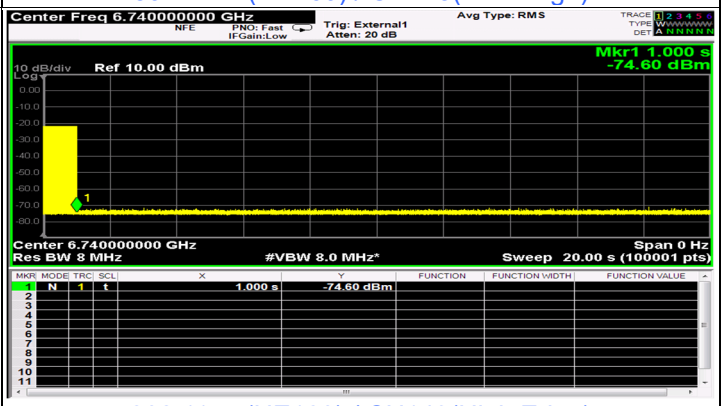
802.11ax (HE20) / CH129



802.11ax (HE160) / CH143(Low Edge)



802.11ax (HE160) / CH143(Middle)



802.11ax (HE160) / CH143(High Edge)

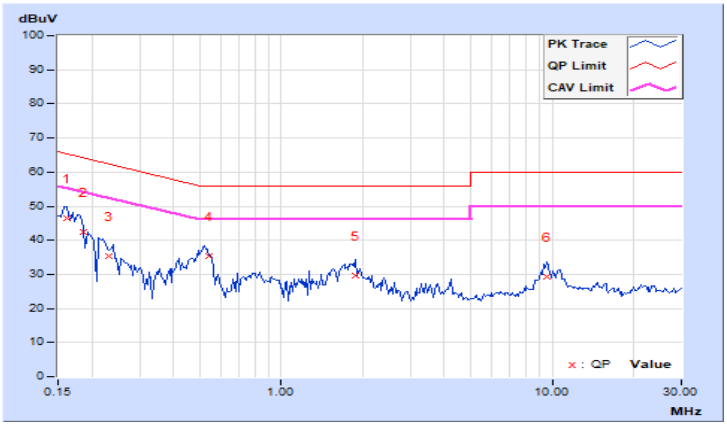
7.8 AC Power Conducted Emissions

RF Mode	802.11ax (HE160)	**Channel**	CH 79：6345 MHz
Frequency Range	150kHz ~ 30MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 66% RH
Tested By	Tom Yang		

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	0.16107	9.97	36.49	27.77	46.46	37.74	65.41	55.41	-18.95	-17.67
2	0.18716	9.97	32.43	21.58	42.40	31.55	64.16	54.16	-21.76	-22.61
3	0.23175	9.97	25.35	12.76	35.32	22.73	62.39	52.39	-27.07	-29.66
4	0.54315	9.99	25.37	16.56	35.36	26.55	56.00	46.00	-20.64	-19.45
5	1.89171	10.05	19.64	10.73	29.69	20.78	56.00	46.00	-26.31	-25.22
6	9.60151	10.46	18.71	12.92	29.17	23.38	60.00	50.00	-30.83	-26.62

Remarks:

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

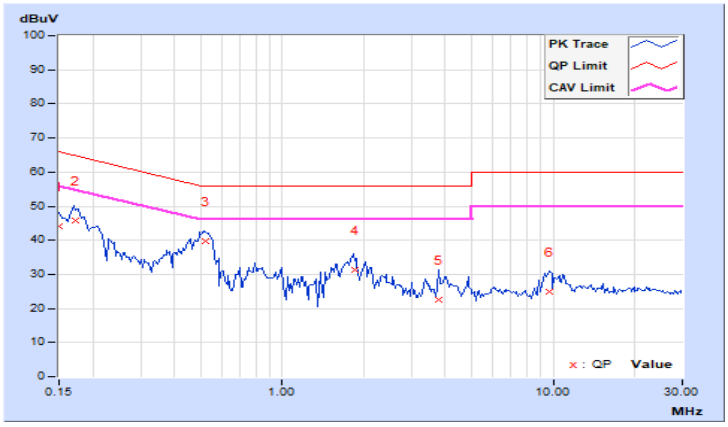


RF Mode	802.11ax (HE160)	**Channel**	CH 79：6345 MHz
Frequency Range	150kHz ~ 30MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 66% RH
Tested By	Tom Yang		

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	0.15011	10.01	34.23	20.96	44.24	30.97	65.99	55.99	-21.75	-25.02
2	0.17152	10.01	35.93	24.11	45.94	34.12	64.89	54.89	-18.95	-20.77
3	**0.51962**	**10.04**	**29.71**	**16.65**	**39.75**	**26.69**	**56.00**	**46.00**	**-16.25**	**-19.31**
4	1.85883	10.10	21.35	12.47	31.45	22.57	56.00	46.00	-24.55	-23.43
5	3.79522	10.20	12.35	4.03	22.55	14.23	56.00	46.00	-33.45	-31.77
6	9.71629	10.45	14.63	8.21	25.08	18.66	60.00	50.00	-34.92	-31.34

Remarks:

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



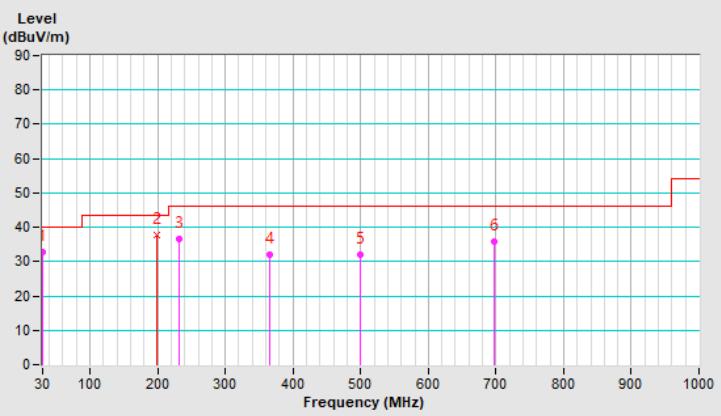
7.9 Unwanted Emissions below 1 GHz

RF Mode	802.11ax (HE160)	**Channel**	CH 79：6345 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 66% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	30.37	32.7 QP	40.0	-7.3	1.00 H	205	46.7	-14.0
2	**199.08**	**37.9 QP**	**43.5**	**-5.6**	**1.00 H**	**266**	**54.2**	**-16.3**
3	232.58	36.5 QP	46.0	-9.5	1.50 H	262	52.0	-15.5
4	365.54	32.1 QP	46.0	-13.9	1.00 H	216	42.9	-10.8
5	499.08	31.9 QP	46.0	-14.1	2.00 H	101	39.6	-7.7
6	697.33	35.8 QP	46.0	-10.2	1.00 H	314	39.8	-4.0

Remarks:

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

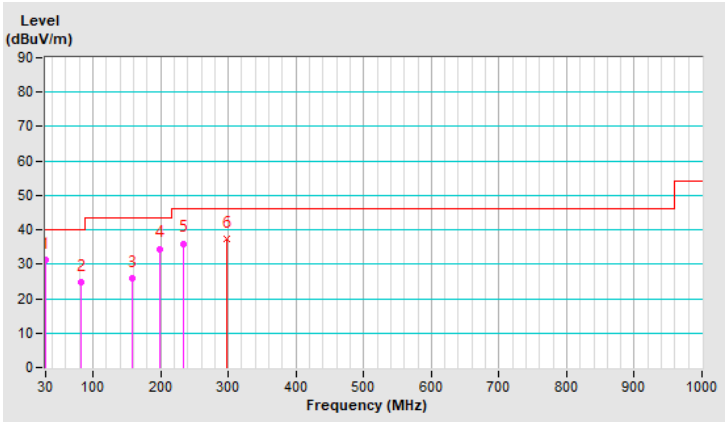


RF Mode	802.11ax (HE160)	**Channel**	CH 79：6345 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 66% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	30.65	31.4 QP	40.0	-8.6	1.00 V	245	45.5	-14.1
2	83.15	24.9 QP	40.0	-15.1	1.50 V	254	43.4	-18.5
3	157.98	25.8 QP	43.5	-17.7	1.00 V	262	38.9	-13.1
4	198.92	34.5 QP	43.5	-9.0	1.00 V	305	50.8	-16.3
5	234.63	36.0 QP	46.0	-10.0	1.00 V	283	51.2	-15.2
6	297.97	37.2 QP	46.0	-8.8	1.00 V	159	49.9	-12.7

Remarks:

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



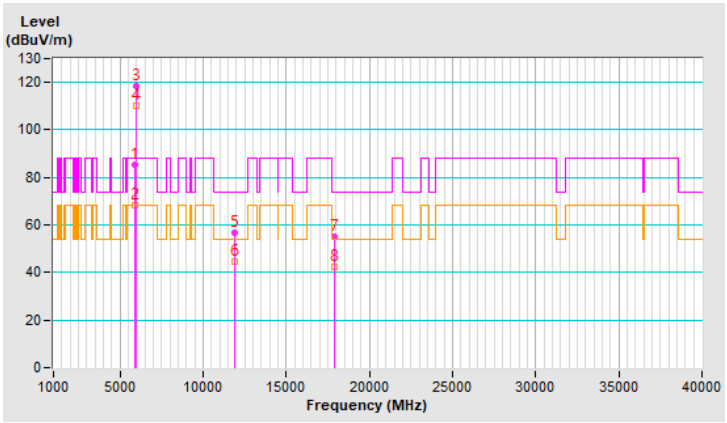
7.10 Unwanted Emissions above 1 GHz

RF Mode	802.11a	Channel	CH 1：5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	85.6 PK	88.2	-2.6	2.13 H	89	84.1	1.5
2	**#5925.00**	**68.1 AV**	**68.2**	**-0.1**	**2.13 H**	**89**	**66.6**	**1.5**
3	*5955.00	118.2 PK			2.13 H	89	116.6	1.6
4	*5955.00	110.3 AV			2.13 H	89	108.7	1.6
5	11910.00	56.8 PK	74.0	-17.2	1.46 H	91	45.7	11.1
6	11910.00	44.5 AV	54.0	-9.5	1.46 H	91	33.4	11.1
7	17865.00	55.2 PK	74.0	-18.8	1.33 H	185	33.1	22.1
8	17865.00	42.3 AV	54.0	-11.7	1.33 H	185	20.2	22.1

Remarks:

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

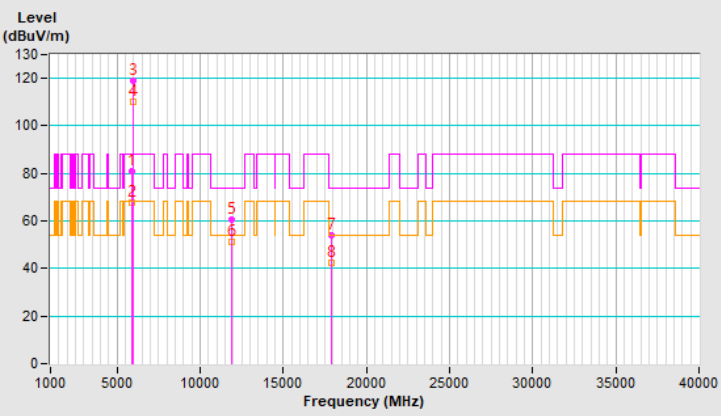


RF Mode	802.11a	Channel	CH 1：5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	81.1 PK	88.2	-7.1	2.56 V	86	79.6	1.5
2	#5925.00	67.5 AV	68.2	-0.7	2.56 V	86	66.0	1.5
3	*5955.00	118.9 PK			2.56 V	86	117.3	1.6
4	*5955.00	110.3 AV			2.56 V	86	108.7	1.6
5	11910.00	60.7 PK	74.0	-13.3	1.77 V	98	49.6	11.1
6	11910.00	51.1 AV	54.0	-2.9	1.77 V	98	40.0	11.1
7	17865.00	53.9 PK	74.0	-20.1	1.47 V	6	31.8	22.1
8	17865.00	42.5 AV	54.0	-11.5	1.47 V	6	20.4	22.1

Remarks:

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

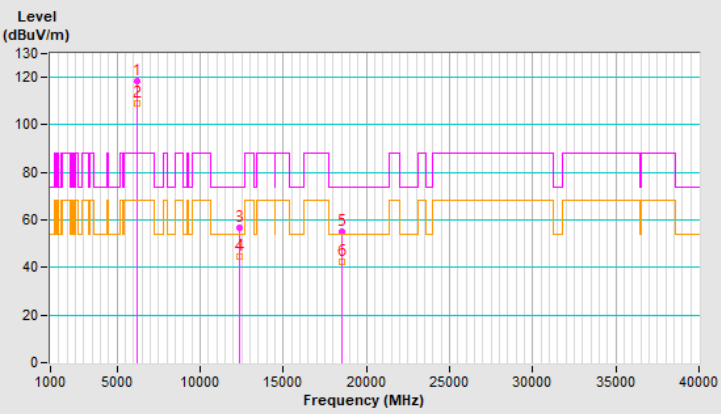


RF Mode	802.11a	Channel	CH 45：6175 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6175.00	118.5 PK			2.06 H	106	116.5	2.0
2	*6175.00	109.2 AV			2.06 H	106	107.2	2.0
3	12350.00	56.5 PK	74.0	-17.5	1.46 H	71	46.4	10.1
4	12350.00	44.4 AV	54.0	-9.6	1.46 H	71	34.3	10.1
5	18525.00	55.0 PK	74.0	-19.0	1.46 H	196	61.6	-6.6
6	18525.00	42.3 AV	54.0	-11.7	1.46 H	196	48.9	-6.6

Remarks:

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

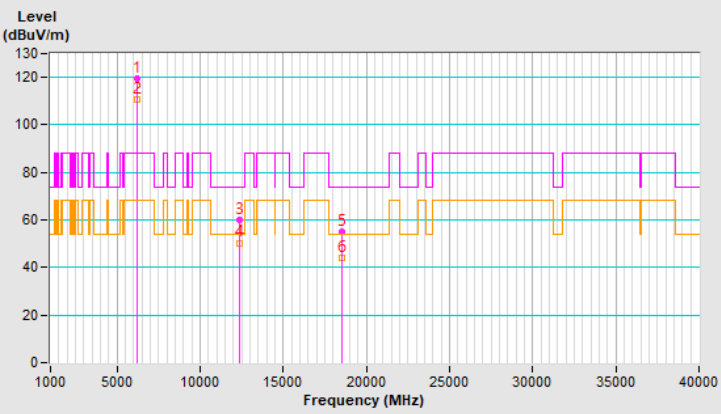


RF Mode	802.11a	Channel	CH 45：6175 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6175.00	119.5 PK			2.54 V	122	117.5	2.0
2	*6175.00	110.9 AV			2.54 V	122	108.9	2.0
3	12350.00	60.1 PK	74.0	-13.9	1.69 V	104	50.0	10.1
4	12350.00	50.4 AV	54.0	-3.6	1.69 V	104	40.3	10.1
5	18525.00	55.0 PK	74.0	-19.0	1.38 V	16	61.6	-6.6
6	18525.00	44.0 AV	54.0	-10.0	1.38 V	16	50.6	-6.6

Remarks:

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

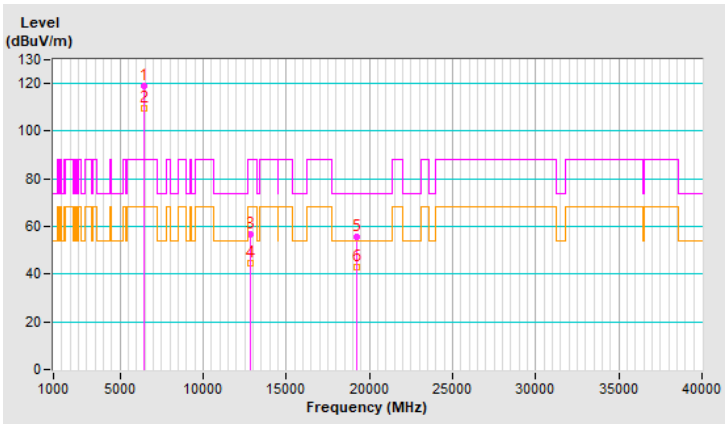


RF Mode	802.11a	**Channel**	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6415.00	119.0 PK			2.12 H	112	116.0	3.0
2	*6415.00	109.5 AV			2.12 H	112	106.5	3.0
3	#12830.00	56.7 PK	88.2	-31.5	1.41 H	97	46.1	10.6
4	#12830.00	44.5 AV	68.2	-23.7	1.41 H	97	33.9	10.6
5	19245.00	55.5 PK	74.0	-18.5	1.42 H	192	61.9	-6.4
6	19245.00	42.7 AV	54.0	-11.3	1.42 H	192	49.1	-6.4

Remarks:

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

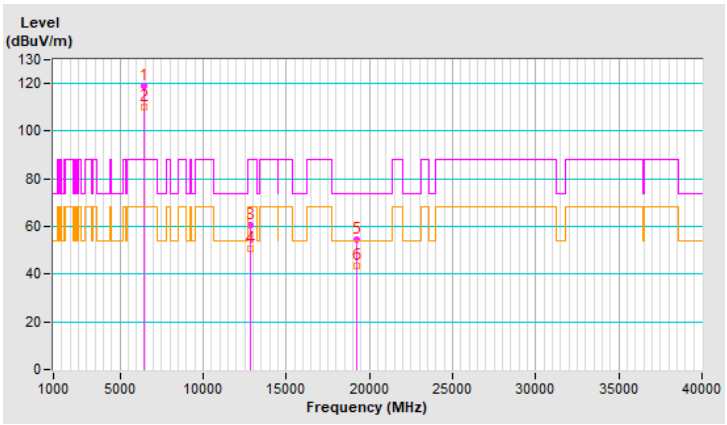


RF Mode	802.11a	Channel	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6415.00	118.8 PK			2.53 V	115	115.8	3.0
2	*6415.00	110.3 AV			2.53 V	115	107.3	3.0
3	#12830.00	60.6 PK	88.2	-27.6	1.79 V	124	50.0	10.6
4	#12830.00	50.5 AV	68.2	-17.7	1.79 V	124	39.9	10.6
5	19245.00	54.5 PK	74.0	-19.5	1.41 V	20	60.9	-6.4
6	19245.00	43.4 AV	54.0	-10.6	1.41 V	20	49.8	-6.4

Remarks:

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

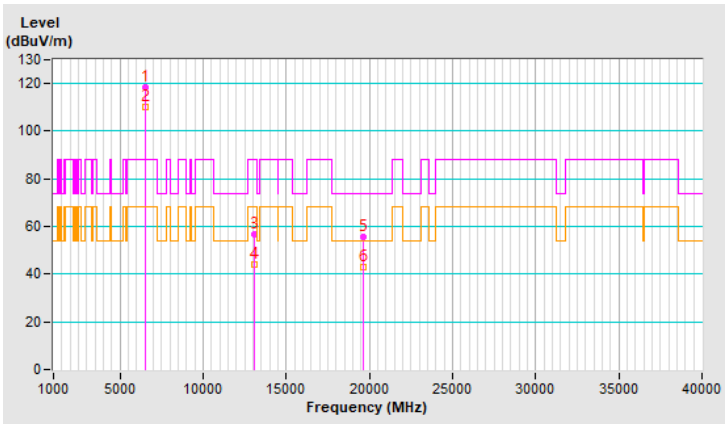


RF Mode	802.11a	**Channel**	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6535.00	118.5 PK			2.14 H	105	114.9	3.6
2	*6535.00	110.2 AV			2.14 H	105	106.6	3.6
3	#13070.00	56.6 PK	88.2	-31.6	1.58 H	116	45.8	10.8
4	#13070.00	44.2 AV	68.2	-24.0	1.58 H	116	33.4	10.8
5	19605.00	55.4 PK	74.0	-18.6	1.31 H	193	61.4	-6.0
6	19605.00	42.9 AV	54.0	-11.1	1.31 H	193	48.9	-6.0

Remarks:

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

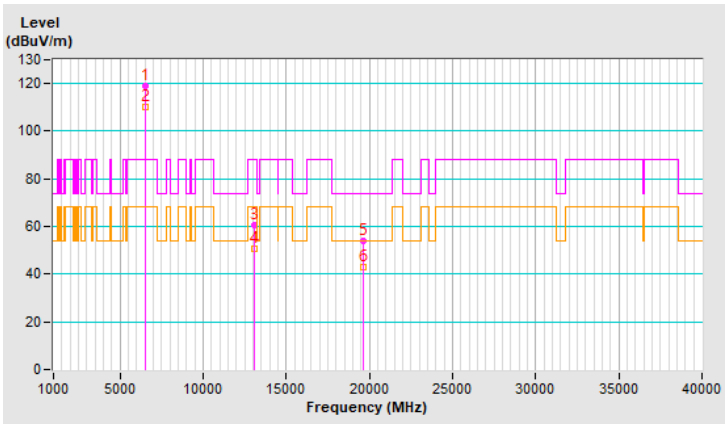


RF Mode	802.11a	**Channel**	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6535.00	118.9 PK			2.53 V	97	115.3	3.6
2	*6535.00	110.2 AV			2.53 V	97	106.6	3.6
3	#13070.00	60.5 PK	88.2	-27.7	1.74 V	120	49.7	10.8
4	#13070.00	50.7 AV	68.2	-17.5	1.74 V	120	39.9	10.8
5	19605.00	54.2 PK	74.0	-19.8	1.42 V	15	60.2	-6.0
6	19605.00	42.9 AV	54.0	-11.1	1.42 V	15	48.9	-6.0

Remarks:

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

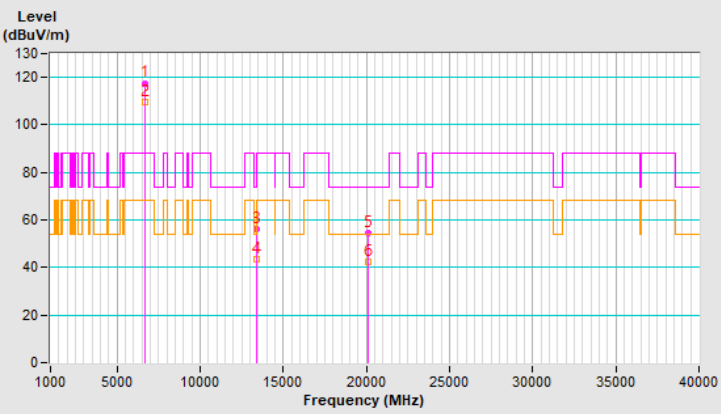


RF Mode	802.11a	Channel	CH 149：6695 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6695.00	117.6 PK			2.16 H	89	113.8	3.8
2	*6695.00	109.6 AV			2.16 H	89	105.8	3.8
3	13390.00	56.3 PK	74.0	-17.7	1.56 H	118	44.1	12.2
4	13390.00	43.6 AV	54.0	-10.4	1.56 H	118	31.4	12.2
5	20085.00	54.6 PK	74.0	-19.4	1.31 H	198	59.9	-5.3
6	20085.00	42.5 AV	54.0	-11.5	1.31 H	198	47.8	-5.3

Remarks:

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

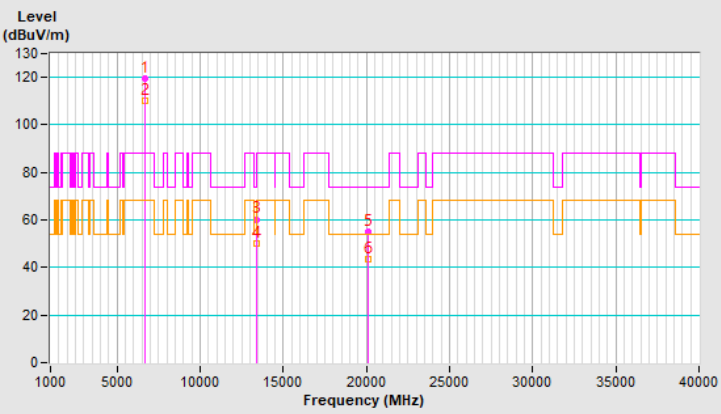


RF Mode	802.11a	Channel	CH 149：6695 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6695.00	119.4 PK			2.48 V	83	115.6	3.8
2	*6695.00	110.2 AV			2.48 V	83	106.4	3.8
3	13390.00	60.3 PK	74.0	-13.7	1.69 V	111	48.1	12.2
4	13390.00	50.3 AV	54.0	-3.7	1.69 V	111	38.1	12.2
5	20085.00	55.1 PK	74.0	-18.9	1.43 V	37	60.4	-5.3
6	20085.00	43.6 AV	54.0	-10.4	1.43 V	37	48.9	-5.3

Remarks:

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

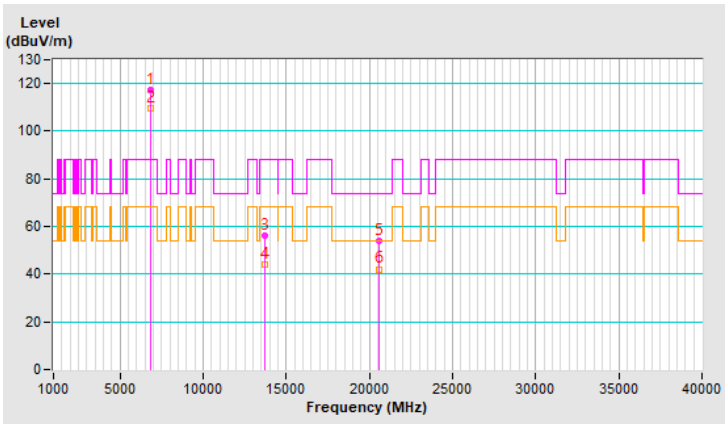


RF Mode	802.11a	**Channel**	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6855.00	117.5 PK			2.19 H	103	113.4	4.1
2	*6855.00	109.4 AV			2.19 H	103	105.3	4.1
3	#13710.00	56.4 PK	88.2	-31.8	1.58 H	123	43.5	12.9
4	#13710.00	43.8 AV	68.2	-24.4	1.58 H	123	30.9	12.9
5	20565.00	54.2 PK	74.0	-19.8	1.39 H	205	59.0	-4.8
6	20565.00	42.1 AV	54.0	-11.9	1.39 H	205	46.9	-4.8

Remarks:

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

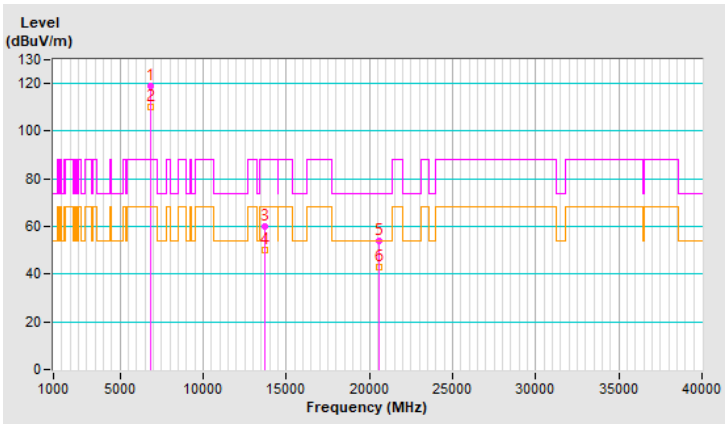


RF Mode	802.11a	Channel	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	119.1 PK			2.46 V	83	115.0	4.1
2	*6855.00	109.9 AV			2.46 V	83	105.8	4.1
3	#13710.00	60.0 PK	88.2	-28.2	1.68 V	105	47.1	12.9
4	#13710.00	50.1 AV	68.2	-18.1	1.68 V	105	37.2	12.9
5	20565.00	54.0 PK	74.0	-20.0	1.43 V	37	58.8	-4.8
6	20565.00	43.0 AV	54.0	-11.0	1.43 V	37	47.8	-4.8

Remarks:

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

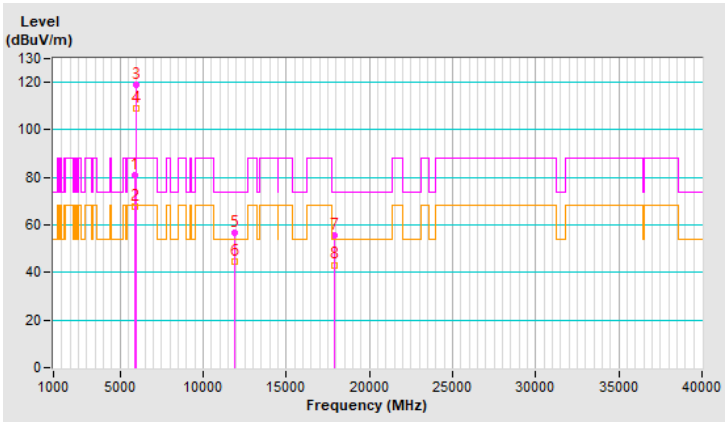


RF Mode	802.11ax (HE20)	Channel	CH 1：5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	80.9 PK	88.2	-7.3	2.13 H	88	79.4	1.5
2	#5925.00	67.6 AV	68.2	-0.6	2.13 H	88	66.1	1.5
3	*5955.00	119.2 PK			2.13 H	88	117.6	1.6
4	*5955.00	109.2 AV			2.13 H	88	107.6	1.6
5	11910.00	56.5 PK	74.0	-17.5	1.50 H	106	45.4	11.1
6	11910.00	44.4 AV	54.0	-9.6	1.50 H	106	33.3	11.1
7	17865.00	55.5 PK	74.0	-18.5	1.45 H	184	33.4	22.1
8	17865.00	43.2 AV	54.0	-10.8	1.45 H	184	21.1	22.1

Remarks:

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

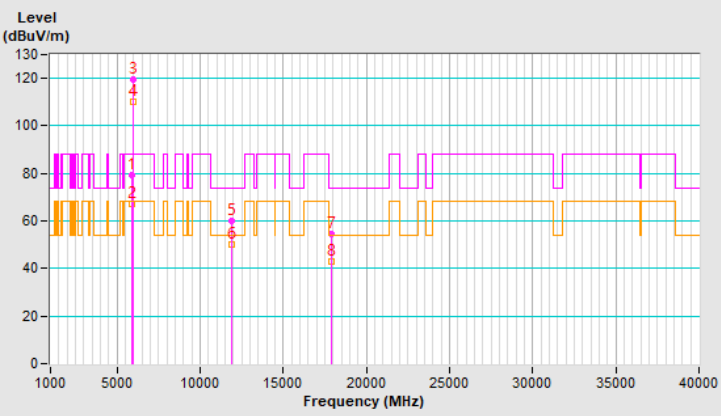


RF Mode	802.11ax (HE20)	Channel	CH 1：5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	79.2 PK	88.2	-9.0	2.52 V	101	77.7	1.5
2	#5925.00	67.1 AV	68.2	-1.1	2.52 V	101	65.6	1.5
3	*5955.00	119.3 PK			2.52 V	101	117.7	1.6
4	*5955.00	110.1 AV			2.52 V	101	108.5	1.6
5	11910.00	60.0 PK	74.0	-14.0	1.75 V	140	48.9	11.1
6	11910.00	50.1 AV	54.0	-3.9	1.75 V	140	39.0	11.1
7	17865.00	54.4 PK	74.0	-19.6	1.40 V	52	32.3	22.1
8	17865.00	43.0 AV	54.0	-11.0	1.40 V	52	20.9	22.1

Remarks:

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

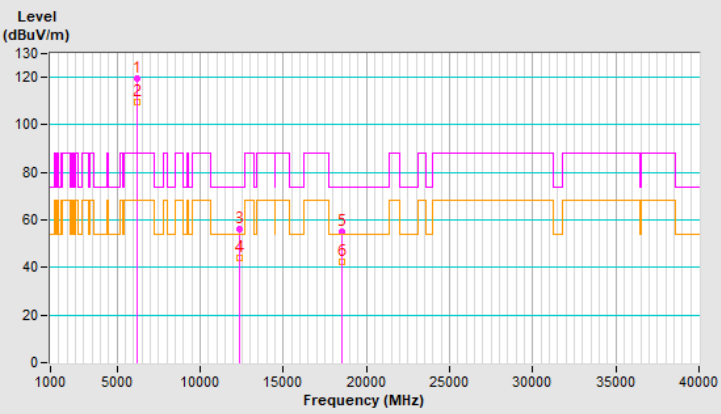


RF Mode	802.11ax (HE20)	**Channel**	CH 45：6175 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6175.00	119.7 PK			2.02 H	85	117.7	2.0
2	*6175.00	109.4 AV			2.02 H	85	107.4	2.0
3	12350.00	56.2 PK	74.0	-17.8	1.51 H	97	46.1	10.1
4	12350.00	44.1 AV	54.0	-9.9	1.51 H	97	34.0	10.1
5	18525.00	55.0 PK	74.0	-19.0	1.45 H	180	61.6	-6.6
6	18525.00	42.6 AV	54.0	-11.4	1.45 H	180	49.2	-6.6

Remarks:

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

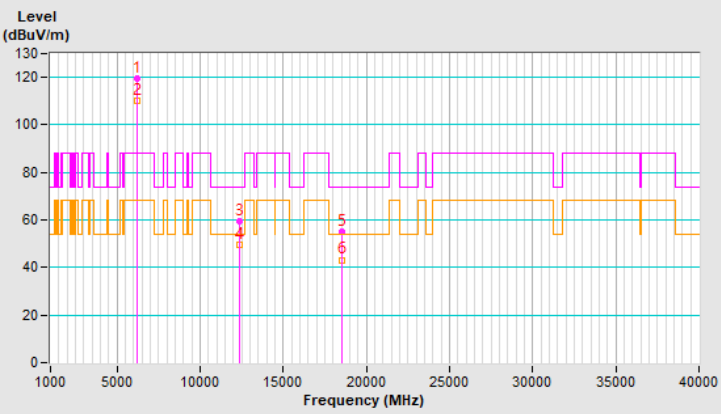


RF Mode	802.11ax (HE20)	Channel	CH 45：6175 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6175.00	119.4 PK			2.50 V	85	117.4	2.0
2	*6175.00	110.2 AV			2.50 V	85	108.2	2.0
3	12350.00	59.5 PK	74.0	-14.5	1.79 V	130	49.4	10.1
4	12350.00	49.7 AV	54.0	-4.3	1.79 V	130	39.6	10.1
5	18525.00	55.0 PK	74.0	-19.0	1.39 V	29	61.6	-6.6
6	18525.00	43.2 AV	54.0	-10.8	1.39 V	29	49.8	-6.6

Remarks:

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

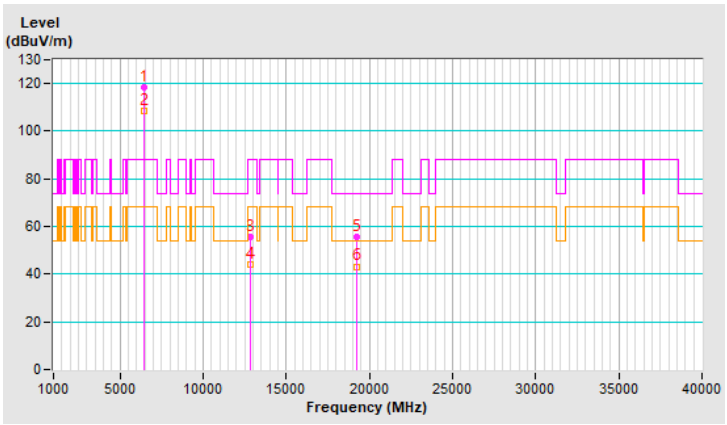


RF Mode	802.11ax (HE20)	**Channel**	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6415.00	118.4 PK			2.17 H	69	115.4	3.0
2	*6415.00	108.3 AV			2.17 H	69	105.3	3.0
3	#12830.00	55.6 PK	88.2	-32.6	1.51 H	98	45.0	10.6
4	#12830.00	43.9 AV	68.2	-24.3	1.51 H	98	33.3	10.6
5	19245.00	55.4 PK	74.0	-18.6	1.50 H	202	61.8	-6.4
6	19245.00	43.2 AV	54.0	-10.8	1.50 H	202	49.6	-6.4

Remarks:

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

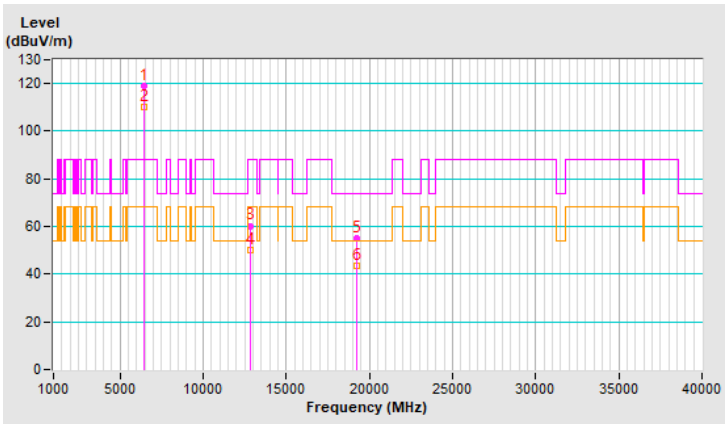


RF Mode	802.11ax (HE20)	Channel	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6415.00	118.9 PK			2.48 V	94	115.9	3.0
2	*6415.00	110.1 AV			2.48 V	94	107.1	3.0
3	#12830.00	60.3 PK	88.2	-27.9	1.78 V	135	49.7	10.6
4	#12830.00	50.2 AV	68.2	-18.0	1.78 V	135	39.6	10.6
5	19245.00	55.1 PK	74.0	-18.9	1.39 V	41	61.5	-6.4
6	19245.00	43.5 AV	54.0	-10.5	1.39 V	41	49.9	-6.4

Remarks:

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

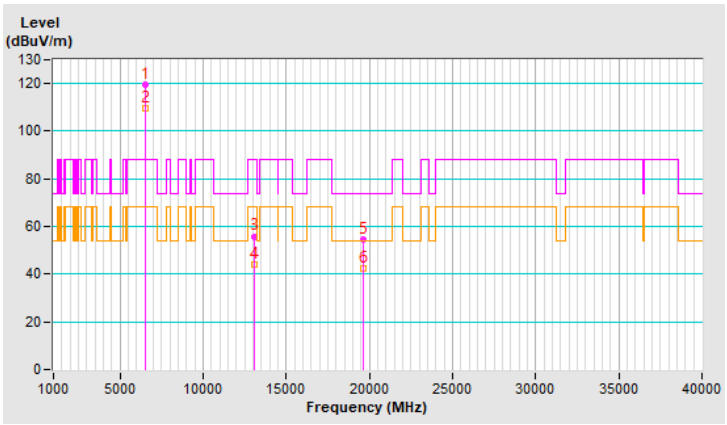


RF Mode	802.11ax (HE20)	Channel	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6535.00	119.3 PK			2.09 H	97	115.7	3.6
2	*6535.00	109.4 AV			2.09 H	97	105.8	3.6
3	#13070.00	55.9 PK	88.2	-32.3	1.54 H	84	45.1	10.8
4	#13070.00	44.3 AV	68.2	-23.9	1.54 H	84	33.5	10.8
5	19605.00	54.6 PK	74.0	-19.4	1.51 H	178	60.6	-6.0
6	19605.00	42.5 AV	54.0	-11.5	1.51 H	178	48.5	-6.0

Remarks:

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

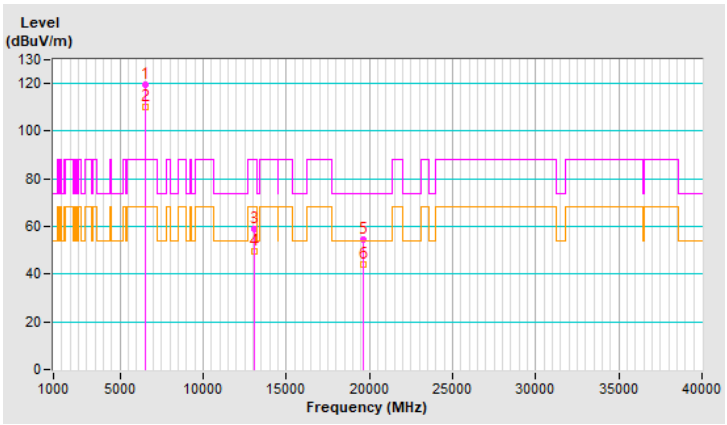


RF Mode	802.11ax (HE20)	**Channel**	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6535.00	119.3 PK			2.56 V	93	115.7	3.6
2	*6535.00	110.2 AV			2.56 V	93	106.6	3.6
3	#13070.00	59.1 PK	88.2	-29.1	1.79 V	123	48.3	10.8
4	#13070.00	49.5 AV	68.2	-18.7	1.79 V	123	38.7	10.8
5	19605.00	54.7 PK	74.0	-19.3	1.55 V	22	60.7	-6.0
6	19605.00	43.9 AV	54.0	-10.1	1.55 V	22	49.9	-6.0

Remarks:

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

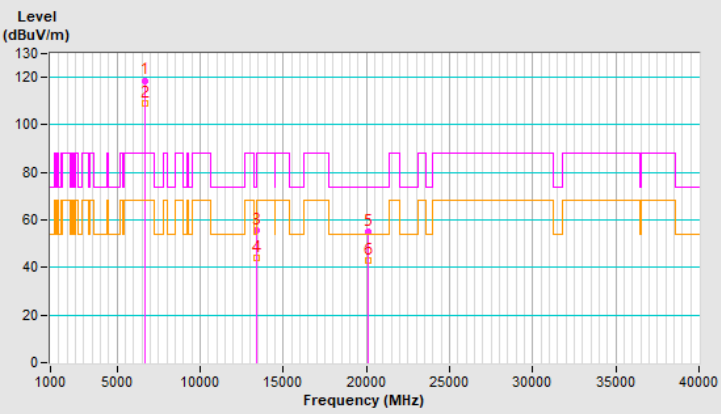


RF Mode	802.11ax (HE20)	Channel	CH 149：6695 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6695.00	118.7 PK			2.12 H	91	114.9	3.8
2	*6695.00	109.1 AV			2.12 H	91	105.3	3.8
3	13390.00	55.8 PK	74.0	-18.2	1.52 H	75	43.6	12.2
4	13390.00	44.0 AV	54.0	-10.0	1.52 H	75	31.8	12.2
5	20085.00	55.2 PK	74.0	-18.8	1.48 H	205	60.5	-5.3
6	20085.00	43.1 AV	54.0	-10.9	1.48 H	205	48.4	-5.3

Remarks:

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

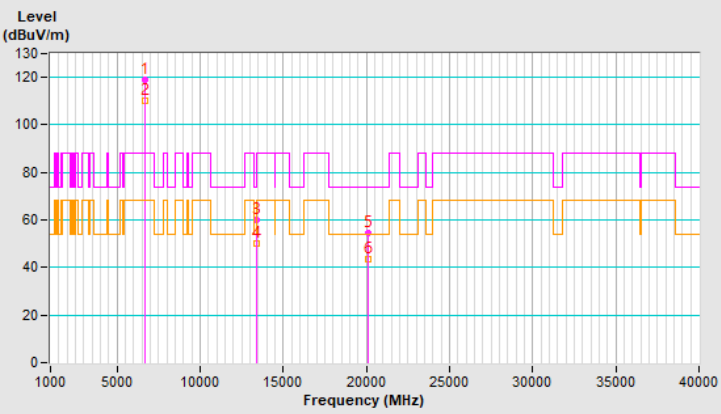


RF Mode	802.11ax (HE20)	Channel	CH 149：6695 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6695.00	118.9 PK			2.54 V	105	115.1	3.8
2	*6695.00	110.3 AV			2.54 V	105	106.5	3.8
3	13390.00	60.0 PK	74.0	-14.0	1.77 V	121	47.8	12.2
4	13390.00	50.0 AV	54.0	-4.0	1.77 V	121	37.8	12.2
5	20085.00	54.4 PK	74.0	-19.6	1.54 V	34	59.7	-5.3
6	20085.00	43.7 AV	54.0	-10.3	1.54 V	34	49.0	-5.3

Remarks:

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

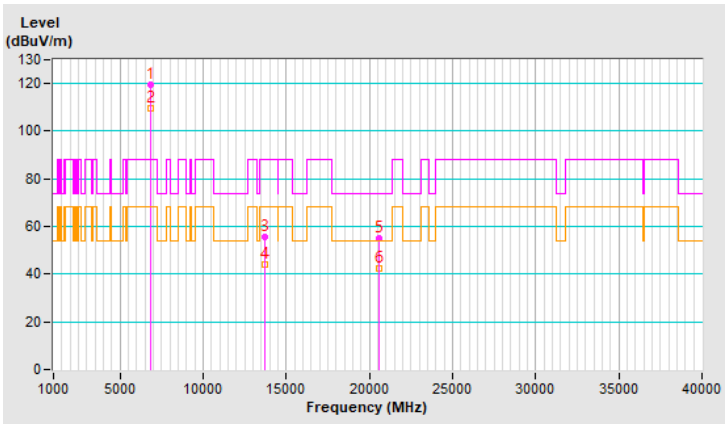


RF Mode	802.11ax (HE20)	Channel	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	119.7 PK			2.04 H	99	115.6	4.1
2	*6855.00	109.7 AV			2.04 H	99	105.6	4.1
3	#13710.00	55.7 PK	88.2	-32.5	1.46 H	83	42.8	12.9
4	#13710.00	43.9 AV	68.2	-24.3	1.46 H	83	31.0	12.9
5	20565.00	54.9 PK	74.0	-19.1	1.48 H	208	59.7	-4.8
6	20565.00	42.5 AV	54.0	-11.5	1.48 H	208	47.3	-4.8

Remarks:

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

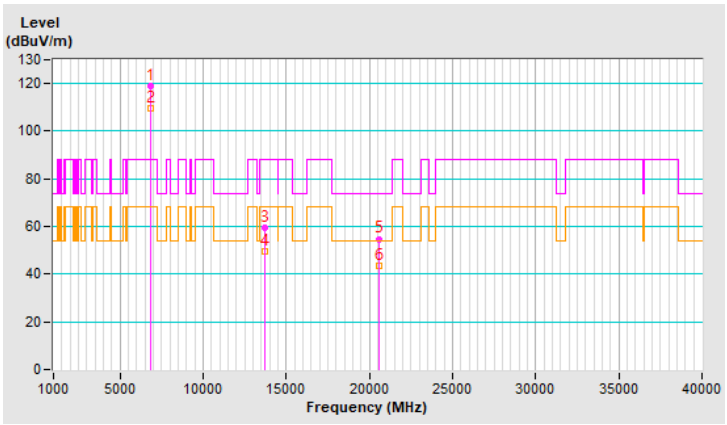


RF Mode	802.11ax (HE20)	Channel	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	118.8 PK			2.53 V	87	114.7	4.1
2	*6855.00	109.6 AV			2.53 V	87	105.5	4.1
3	#13710.00	59.6 PK	88.2	-28.6	1.75 V	130	46.7	12.9
4	#13710.00	49.5 AV	68.2	-18.7	1.75 V	130	36.6	12.9
5	20565.00	54.8 PK	74.0	-19.2	1.53 V	40	59.6	-4.8
6	20565.00	43.7 AV	54.0	-10.3	1.53 V	40	48.5	-4.8

Remarks:

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

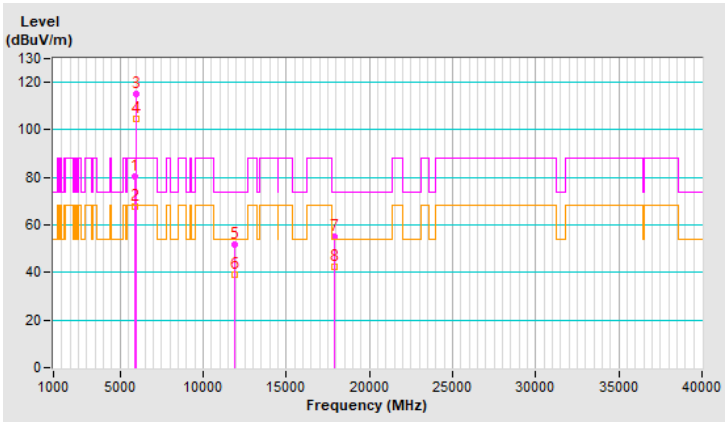


RF Mode	802.11ax (HE40)	**Channel**	CH 3：5965 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5925.00	80.6 PK	88.2	-7.6	2.17 H	92	79.1	1.5
2	#5925.00	67.9 AV	68.2	-0.3	2.17 H	92	66.4	1.5
3	*5965.00	115.1 PK			2.17 H	92	113.5	1.6
4	*5965.00	104.5 AV			2.17 H	92	102.9	1.6
5	11930.00	51.6 PK	74.0	-22.4	1.44 H	126	40.5	11.1
6	11930.00	39.2 AV	54.0	-14.8	1.44 H	126	28.1	11.1
7	17895.00	55.1 PK	74.0	-18.9	1.30 H	186	32.3	22.8
8	17895.00	42.4 AV	54.0	-11.6	1.30 H	186	19.6	22.8

Remarks:

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

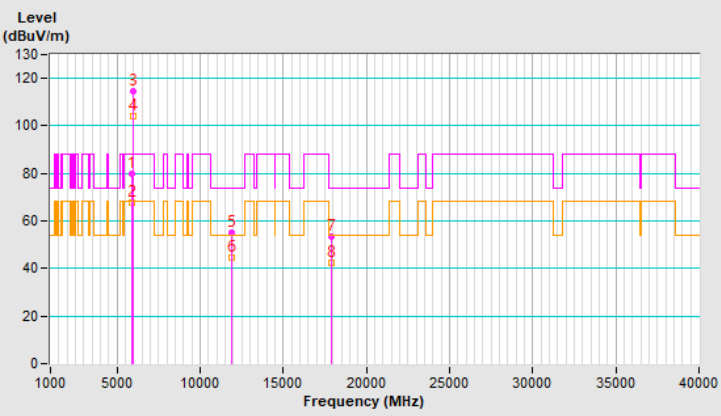


RF Mode	802.11ax (HE40)	Channel	CH 3：5965 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	80.0 PK	88.2	-8.2	2.56 V	95	78.5	1.5
2	#5925.00	67.5 AV	68.2	-0.7	2.56 V	95	66.0	1.5
3	*5965.00	114.5 PK			2.56 V	95	112.9	1.6
4	*5965.00	104.2 AV			2.56 V	95	102.6	1.6
5	11930.00	55.2 PK	74.0	-18.8	1.67 V	112	44.1	11.1
6	11930.00	44.6 AV	54.0	-9.4	1.67 V	112	33.5	11.1
7	17895.00	53.2 PK	74.0	-20.8	1.49 V	52	30.4	22.8
8	17895.00	42.2 AV	54.0	-11.8	1.49 V	52	19.4	22.8

Remarks:

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

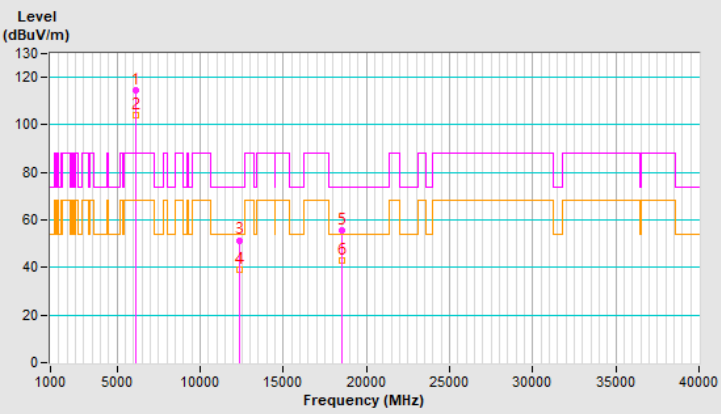


RF Mode	802.11ax (HE40)	Channel	CH 43：6165 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6165.00	114.4 PK			2.17 H	87	112.5	1.9
2	*6165.00	104.0 AV			2.17 H	87	102.1	1.9
3	12330.00	51.5 PK	74.0	-22.5	1.52 H	132	41.4	10.1
4	12330.00	39.2 AV	54.0	-14.8	1.52 H	132	29.1	10.1
5	18495.00	55.5 PK	74.0	-18.5	1.27 H	193	62.2	-6.7
6	18495.00	43.0 AV	54.0	-11.0	1.27 H	193	49.7	-6.7

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.

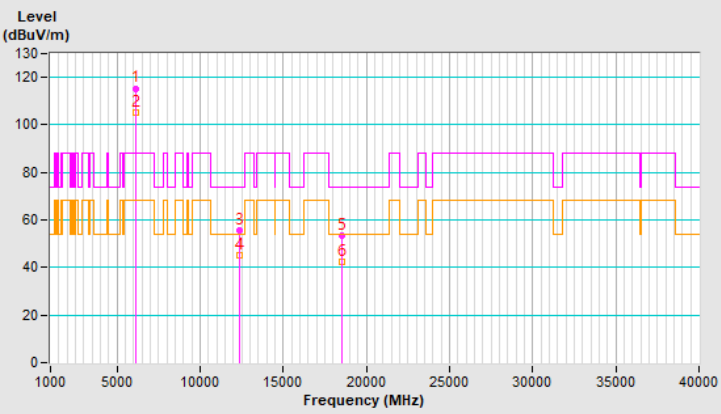


RF Mode	802.11ax (HE40)	Channel	CH 43：6165 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6165.00	115.4 PK			2.63 V	95	113.5	1.9
2	*6165.00	105.0 AV			2.63 V	95	103.1	1.9
3	12330.00	55.4 PK	74.0	-18.6	1.67 V	104	45.3	10.1
4	12330.00	44.9 AV	54.0	-9.1	1.67 V	104	34.8	10.1
5	18495.00	53.5 PK	74.0	-20.5	1.55 V	50	60.2	-6.7
6	18495.00	42.4 AV	54.0	-11.6	1.55 V	50	49.1	-6.7

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.

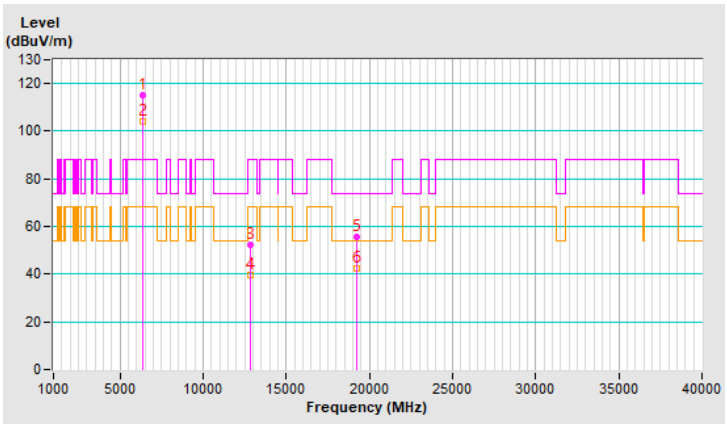


RF Mode	802.11ax (HE40)	**Channel**	CH 91：6405 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6405.00	115.0 PK			2.19 H	109	112.0	3.0
2	*6405.00	104.3 AV			2.19 H	109	101.3	3.0
3	#12810.00	52.2 PK	88.2	-36.0	1.42 H	106	41.7	10.5
4	#12810.00	39.6 AV	68.2	-28.6	1.42 H	106	29.1	10.5
5	19215.00	55.4 PK	74.0	-18.6	1.18 H	207	61.7	-6.3
6	19215.00	42.6 AV	54.0	-11.4	1.18 H	207	48.9	-6.3

Remarks:

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

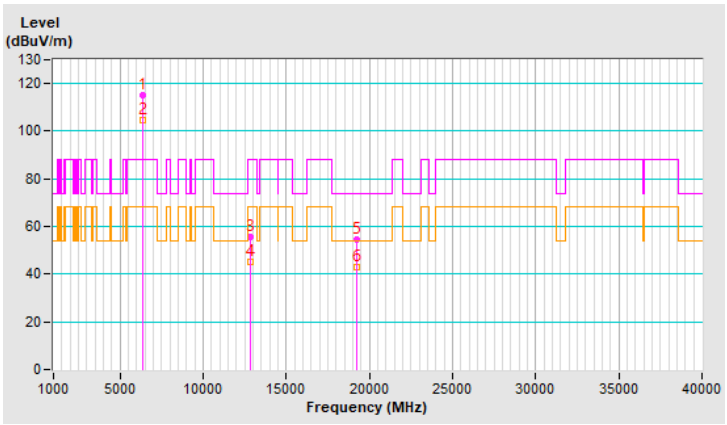


RF Mode	802.11ax (HE40)	**Channel**	CH 91：6405 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6405.00	115.0 PK			2.61 V	86	112.0	3.0
2	*6405.00	104.8 AV			2.61 V	86	101.8	3.0
3	#12810.00	55.8 PK	88.2	-32.4	1.76 V	104	45.3	10.5
4	#12810.00	45.3 AV	68.2	-22.9	1.76 V	104	34.8	10.5
5	19215.00	54.4 PK	74.0	-19.6	1.48 V	40	60.7	-6.3
6	19215.00	43.0 AV	54.0	-11.0	1.48 V	40	49.3	-6.3

Remarks:

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

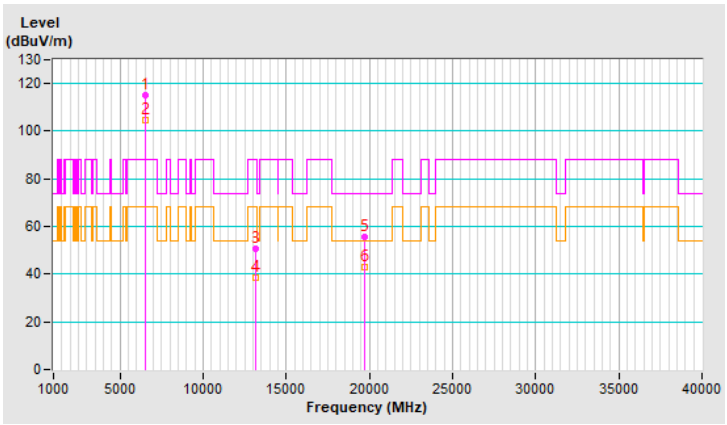


RF Mode	802.11ax (HE40)	Channel	CH 123：6565 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6565.00	115.2 PK			2.14 H	110	111.5	3.7
2	*6565.00	104.5 AV			2.14 H	110	100.8	3.7
3	#13130.00	50.9 PK	88.2	-37.3	1.46 H	122	39.8	11.1
4	#13130.00	38.7 AV	68.2	-29.5	1.46 H	122	27.6	11.1
5	19695.00	55.6 PK	74.0	-18.4	1.27 H	228	61.6	-6.0
6	19695.00	42.7 AV	54.0	-11.3	1.27 H	228	48.7	-6.0

Remarks:

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

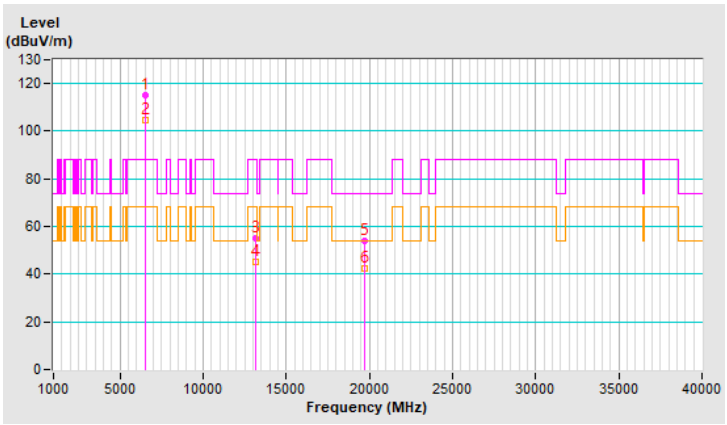


RF Mode	802.11ax (HE40)	Channel	CH 123：6565 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6565.00	114.9 PK			2.60 V	84	111.2	3.7
2	*6565.00	104.7 AV			2.60 V	84	101.0	3.7
3	#13130.00	55.0 PK	88.2	-33.2	1.80 V	118	43.9	11.1
4	#13130.00	45.0 AV	68.2	-23.2	1.80 V	118	33.9	11.1
5	19695.00	53.8 PK	74.0	-20.2	1.49 V	18	59.8	-6.0
6	19695.00	42.2 AV	54.0	-11.8	1.49 V	18	48.2	-6.0

Remarks:

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

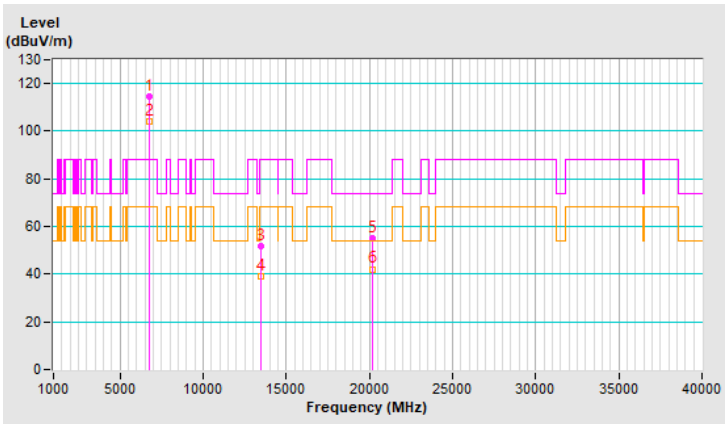


RF Mode	802.11ax (HE40)	Channel	CH 155：6725 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6725.00	114.5 PK			2.24 H	88	110.6	3.9
2	*6725.00	103.9 AV			2.24 H	88	100.0	3.9
3	#13450.00	52.0 PK	88.2	-36.2	1.48 H	129	39.7	12.3
4	#13450.00	39.3 AV	68.2	-28.9	1.48 H	129	27.0	12.3
5	20175.00	55.2 PK	74.0	-18.8	1.32 H	215	60.7	-5.5
6	20175.00	42.1 AV	54.0	-11.9	1.32 H	215	47.6	-5.5

Remarks:

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

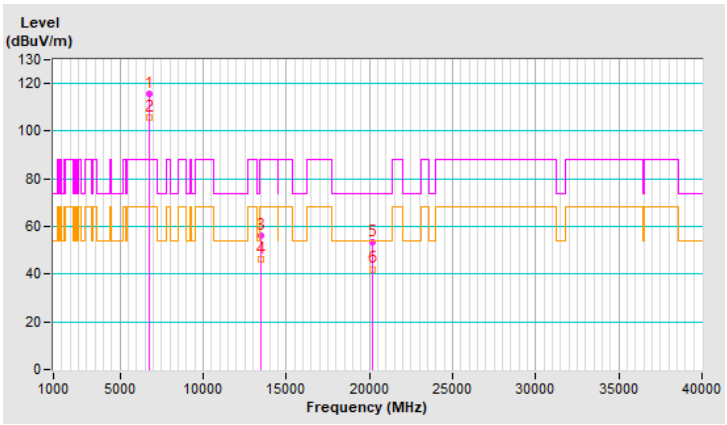


RF Mode	802.11ax (HE40)	Channel	CH 155：6725 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6725.00	115.8 PK			2.54 V	96	111.9	3.9
2	*6725.00	105.6 AV			2.54 V	96	101.7	3.9
3	#13450.00	56.3 PK	88.2	-31.9	1.61 V	124	44.0	12.3
4	#13450.00	46.0 AV	68.2	-22.2	1.61 V	124	33.7	12.3
5	20175.00	53.4 PK	74.0	-20.6	1.43 V	48	58.9	-5.5
6	20175.00	42.1 AV	54.0	-11.9	1.43 V	48	47.6	-5.5

Remarks:

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

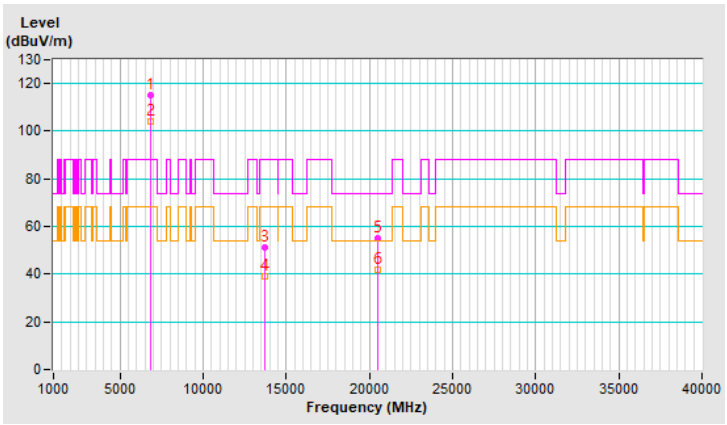


RF Mode	802.11ax (HE40)	**Channel**	CH 179：6845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6845.00	115.1 PK			2.08 H	115	111.0	4.1
2	*6845.00	104.3 AV			2.08 H	115	100.2	4.1
3	#13690.00	51.3 PK	88.2	-36.9	1.53 H	125	38.4	12.9
4	#13690.00	38.9 AV	68.2	-29.3	1.53 H	125	26.0	12.9
5	20535.00	55.0 PK	74.0	-19.0	1.37 H	226	59.8	-4.8
6	20535.00	42.0 AV	54.0	-12.0	1.37 H	226	46.8	-4.8

Remarks:

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

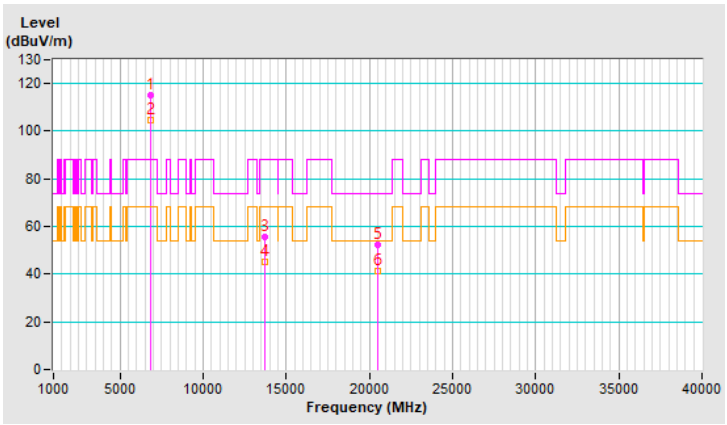


RF Mode	802.11ax (HE40)	**Channel**	CH 179：6845 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6845.00	115.0 PK			2.63 V	86	110.9	4.1
2	*6845.00	104.7 AV			2.63 V	86	100.6	4.1
3	#13690.00	55.7 PK	88.2	-32.5	1.61 V	115	42.8	12.9
4	#13690.00	45.2 AV	68.2	-23.0	1.61 V	115	32.3	12.9
5	20535.00	52.4 PK	74.0	-21.6	1.51 V	43	57.2	-4.8
6	20535.00	41.2 AV	54.0	-12.8	1.51 V	43	46.0	-4.8

Remarks:

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

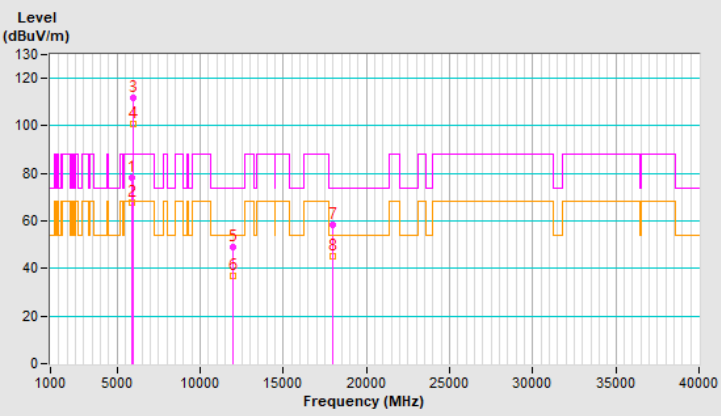


RF Mode	802.11ax (HE80)	**Channel**	CH 7：5985 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5925.00	78.4 PK	88.2	-9.8	2.15 H	103	76.9	1.5
2	#5925.00	67.6 AV	68.2	-0.6	2.15 H	103	66.1	1.5
3	*5985.00	111.9 PK			2.15 H	103	110.3	1.6
4	*5985.00	100.7 AV			2.15 H	103	99.1	1.6
5	11970.00	48.8 PK	74.0	-25.2	1.51 H	86	37.8	11.0
6	11970.00	37.1 AV	54.0	-16.9	1.51 H	86	26.1	11.0
7	17955.00	58.3 PK	74.0	-15.7	1.17 H	183	34.3	24.0
8	17955.00	45.0 AV	54.0	-9.0	1.17 H	183	21.0	24.0

Remarks:

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

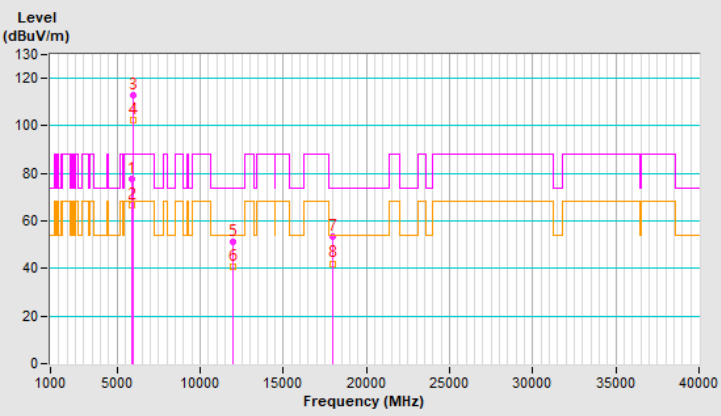


RF Mode	802.11ax (HE80)	**Channel**	CH 7：5985 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5925.00	77.5 PK	88.2	-10.7	2.60 V	95	76.0	1.5
2	#5925.00	66.8 AV	68.2	-1.4	2.60 V	95	65.3	1.5
3	*5985.00	112.7 PK			2.60 V	95	111.1	1.6
4	*5985.00	102.4 AV			2.60 V	95	100.8	1.6
5	11970.00	51.3 PK	74.0	-22.7	1.72 V	112	40.3	11.0
6	11970.00	40.5 AV	54.0	-13.5	1.72 V	112	29.5	11.0
7	17955.00	53.2 PK	74.0	-20.8	1.55 V	20	29.2	24.0
8	17955.00	42.1 AV	54.0	-11.9	1.55 V	20	18.1	24.0

Remarks:

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

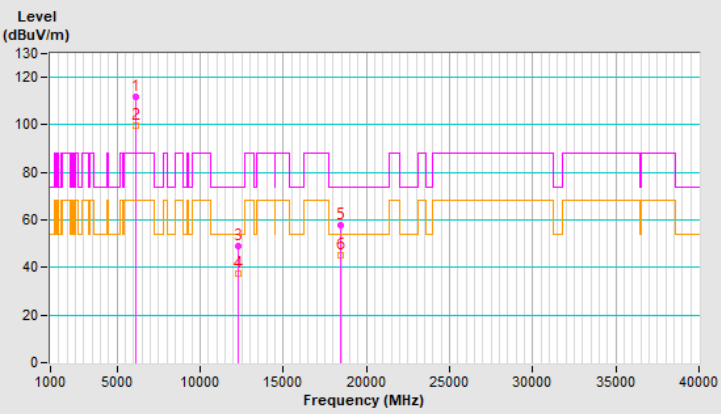


RF Mode	802.11ax (HE80)	Channel	CH 39：6145 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6145.00	111.9 PK			2.21 H	110	110.1	1.8
2	*6145.00	99.7 AV			2.21 H	110	97.9	1.8
3	12290.00	49.1 PK	74.0	-24.9	1.54 H	96	39.0	10.1
4	12290.00	37.2 AV	54.0	-16.8	1.54 H	96	27.1	10.1
5	18435.00	58.0 PK	74.0	-16.0	1.13 H	193	64.7	-6.7
6	18435.00	45.0 AV	54.0	-9.0	1.13 H	193	51.7	-6.7

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.

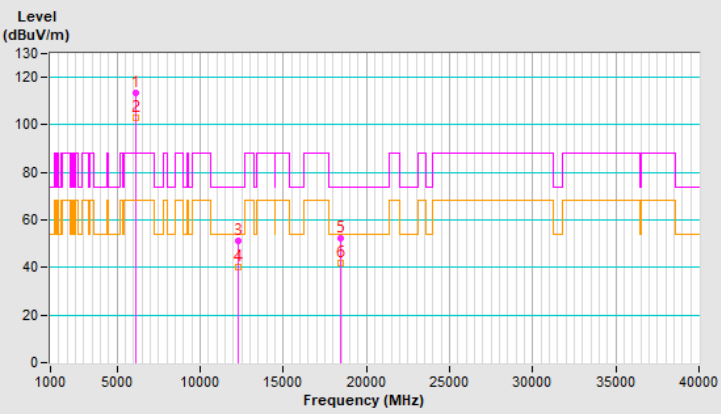


RF Mode	802.11ax (HE80)	**Channel**	CH 39：6145 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6145.00	113.5 PK			2.59 V	117	111.7	1.8
2	*6145.00	102.8 AV			2.59 V	117	101.0	1.8
3	12290.00	51.2 PK	74.0	-22.8	1.66 V	124	41.1	10.1
4	12290.00	40.4 AV	54.0	-13.6	1.66 V	124	30.3	10.1
5	18435.00	52.5 PK	74.0	-21.5	1.58 V	12	59.2	-6.7
6	18435.00	41.6 AV	54.0	-12.4	1.58 V	12	48.3	-6.7

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.

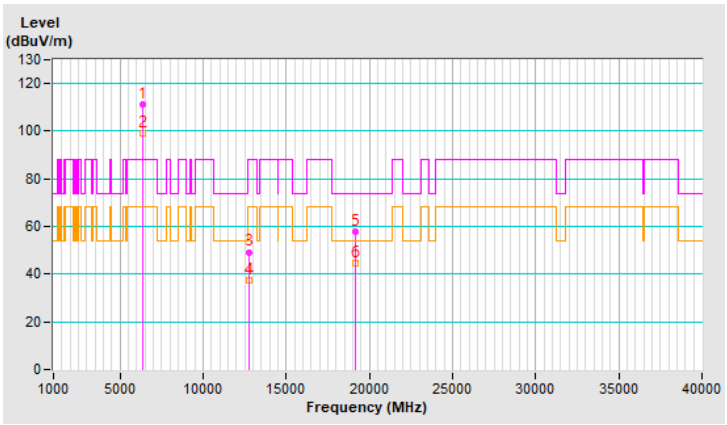


RF Mode	802.11ax (HE80)	Channel	CH 87：6385 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6385.00	111.4 PK			2.17 H	95	108.4	3.0
2	*6385.00	99.3 AV			2.17 H	95	96.3	3.0
3	#12770.00	49.3 PK	88.2	-38.9	1.53 H	107	38.9	10.4
4	#12770.00	37.6 AV	68.2	-30.6	1.53 H	107	27.2	10.4
5	19155.00	57.8 PK	74.0	-16.2	1.22 H	173	64.1	-6.3
6	19155.00	44.7 AV	54.0	-9.3	1.22 H	173	51.0	-6.3

Remarks:

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

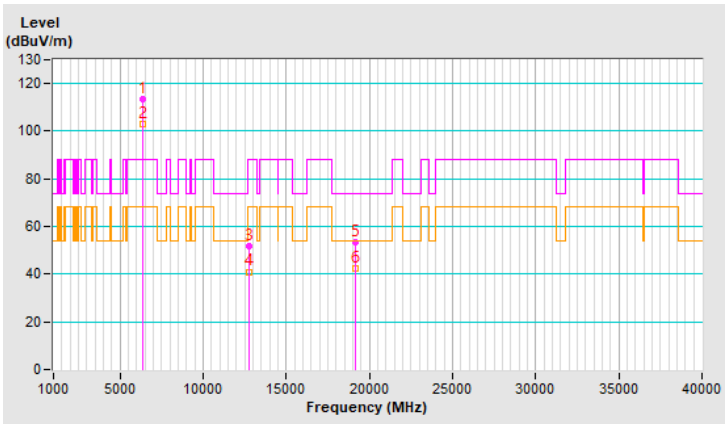


RF Mode	802.11ax (HE80)	**Channel**	CH 87：6385 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6385.00	113.7 PK			2.58 V	105	110.7	3.0
2	*6385.00	103.1 AV			2.58 V	105	100.1	3.0
3	#12770.00	51.9 PK	88.2	-36.3	1.69 V	130	41.5	10.4
4	#12770.00	41.0 AV	68.2	-27.2	1.69 V	130	30.6	10.4
5	19155.00	53.3 PK	74.0	-20.7	1.47 V	11	59.6	-6.3
6	19155.00	42.4 AV	54.0	-11.6	1.47 V	11	48.7	-6.3

Remarks:

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

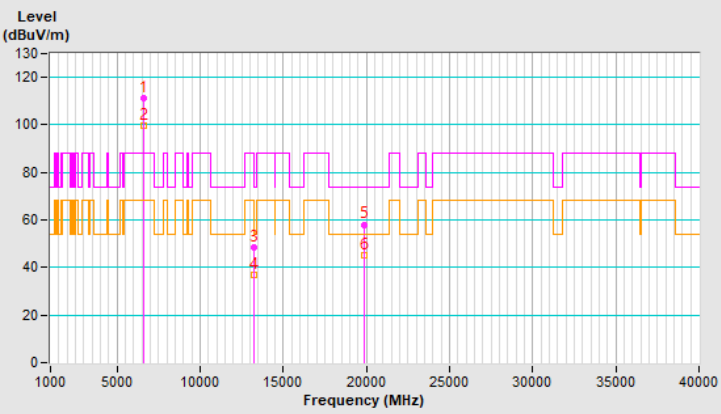


RF Mode	802.11ax (HE80)	**Channel**	CH 135：6625 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6625.00	111.3 PK			2.19 H	79	107.5	3.8
2	*6625.00	99.5 AV			2.19 H	79	95.7	3.8
3	13250.00	48.7 PK	74.0	-25.3	1.47 H	104	37.3	11.4
4	13250.00	36.8 AV	54.0	-17.2	1.47 H	104	25.4	11.4
5	19875.00	58.1 PK	74.0	-15.9	1.15 H	171	64.0	-5.9
6	19875.00	45.3 AV	54.0	-8.7	1.15 H	171	51.2	-5.9

Remarks:

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

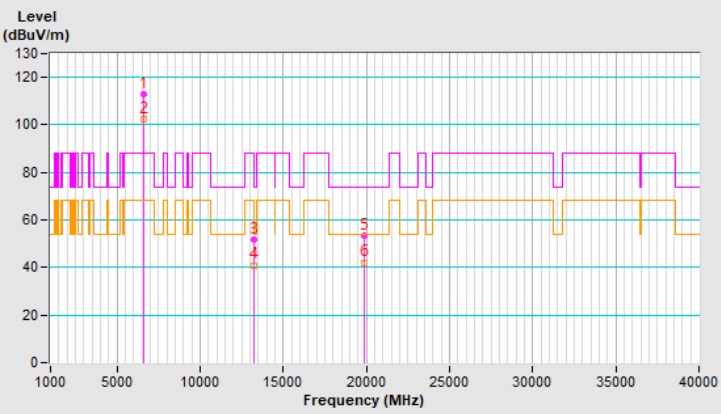


RF Mode	802.11ax (HE80)	**Channel**	CH 135：6625 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6625.00	112.8 PK			2.65 V	92	109.0	3.8
2	*6625.00	102.6 AV			2.65 V	92	98.8	3.8
3	13250.00	51.9 PK	74.0	-22.1	1.69 V	105	40.5	11.4
4	13250.00	41.0 AV	54.0	-13.0	1.69 V	105	29.6	11.4
5	19875.00	53.2 PK	74.0	-20.8	1.44 V	24	59.1	-5.9
6	19875.00	42.1 AV	54.0	-11.9	1.44 V	24	48.0	-5.9

Remarks:

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

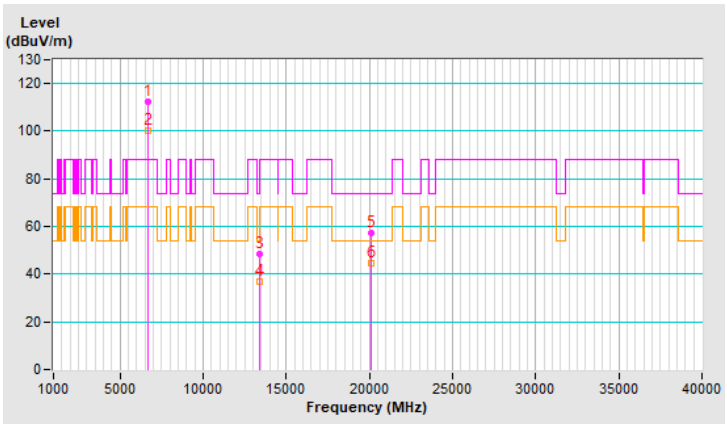


RF Mode	802.11ax (HE80)	**Channel**	CH 151：6705 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6705.00	112.3 PK			2.12 H	88	108.5	3.8
2	*6705.00	100.1 AV			2.12 H	88	96.3	3.8
3	#13410.00	48.6 PK	88.2	-39.6	1.51 H	102	36.4	12.2
4	#13410.00	37.0 AV	68.2	-31.2	1.51 H	102	24.8	12.2
5	20115.00	57.4 PK	74.0	-16.6	1.19 H	171	62.8	-5.4
6	20115.00	44.4 AV	54.0	-9.6	1.19 H	171	49.8	-5.4

Remarks:

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

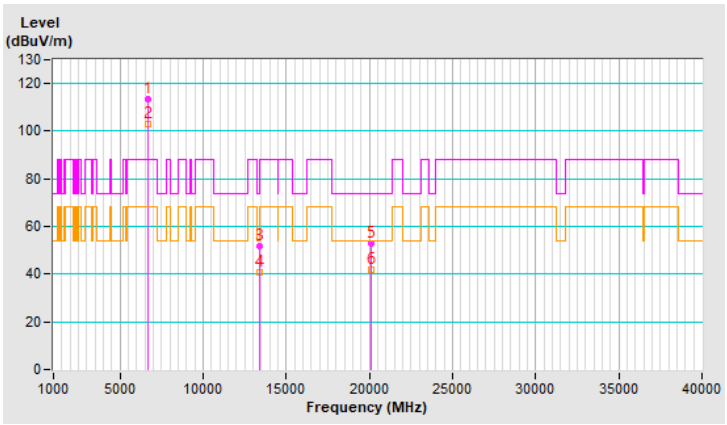


RF Mode	802.11ax (HE80)	**Channel**	CH 151：6705 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6705.00	113.4 PK			2.60 V	101	109.6	3.8
2	*6705.00	102.8 AV			2.60 V	101	99.0	3.8
3	#13410.00	51.9 PK	88.2	-36.3	1.70 V	80	39.7	12.2
4	#13410.00	40.9 AV	68.2	-27.3	1.70 V	80	28.7	12.2
5	20115.00	52.7 PK	74.0	-21.3	1.49 V	14	58.1	-5.4
6	20115.00	41.8 AV	54.0	-12.2	1.49 V	14	47.2	-5.4

Remarks:

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

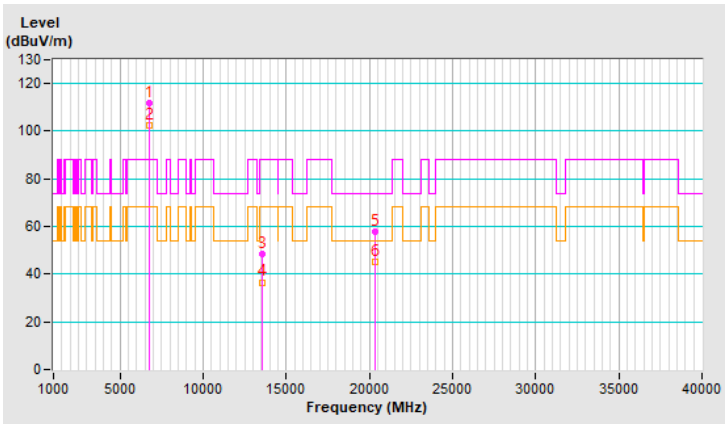


RF Mode	802.11ax (HE80)	**Channel**	CH 167：6785 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6785.00	111.6 PK			2.20 H	82	107.7	3.9
2	*6785.00	102.5 AV			2.20 H	82	98.6	3.9
3	#13570.00	48.2 PK	88.2	-40.0	1.52 H	108	35.6	12.6
4	#13570.00	36.6 AV	68.2	-31.6	1.52 H	108	24.0	12.6
5	20355.00	57.6 PK	74.0	-16.4	1.21 H	159	62.9	-5.3
6	20355.00	44.9 AV	54.0	-9.1	1.21 H	159	50.2	-5.3

Remarks:

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

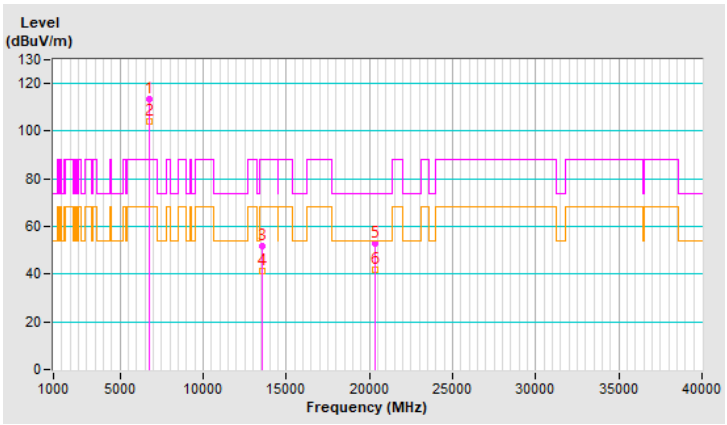


RF Mode	802.11ax (HE80)	**Channel**	CH 167：6785 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6785.00	113.2 PK			2.56 V	93	109.3	3.9
2	*6785.00	103.9 AV			2.56 V	93	100.0	3.9
3	#13570.00	51.9 PK	88.2	-36.3	1.71 V	74	39.3	12.6
4	#13570.00	41.1 AV	68.2	-27.1	1.71 V	74	28.5	12.6
5	20355.00	52.7 PK	74.0	-21.3	1.52 V	11	58.0	-5.3
6	20355.00	41.9 AV	54.0	-12.1	1.52 V	11	47.2	-5.3

Remarks:

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

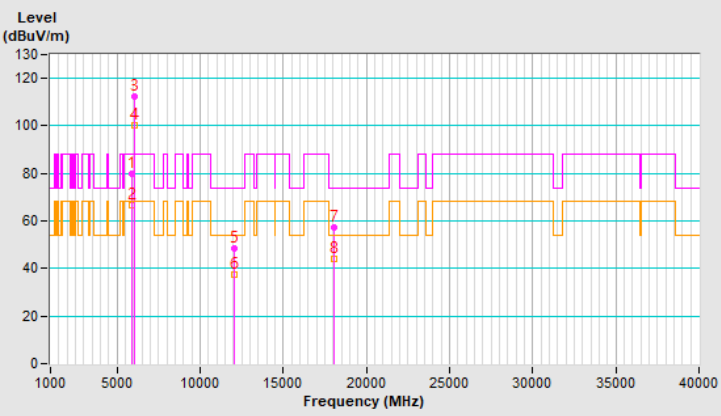


RF Mode	802.11ax (HE160)	Channel	CH 15：6025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	79.6 PK	88.2	-8.6	2.13 H	106	78.1	1.5
2	#5925.00	66.7 AV	68.2	-1.5	2.13 H	106	65.2	1.5
3	*6025.00	112.2 PK			2.13 H	106	110.4	1.8
4	*6025.00	100.1 AV			2.13 H	106	98.3	1.8
5	12050.00	48.7 PK	74.0	-25.3	1.50 H	95	37.7	11.0
6	12050.00	37.2 AV	54.0	-16.8	1.50 H	95	26.2	11.0
7	18075.00	57.1 PK	74.0	-16.9	1.22 H	195	50.7	6.4
8	18075.00	44.3 AV	54.0	-9.7	1.22 H	195	37.9	6.4

Remarks:

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

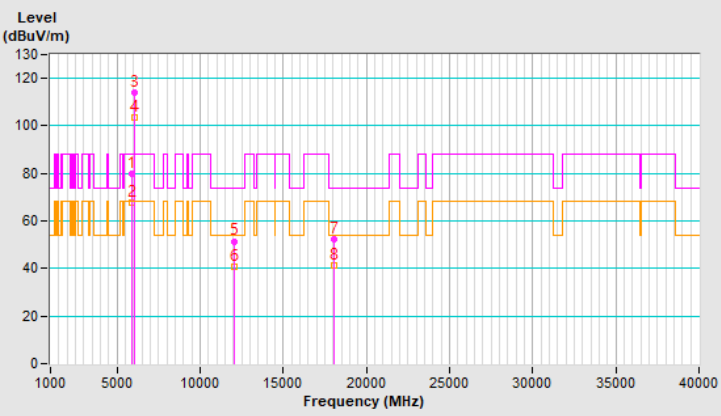


RF Mode	802.11ax (HE160)	Channel	CH 15：6025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	80.1 PK	88.2	-8.1	2.53 V	111	78.6	1.5
2	#5925.00	67.6 AV	68.2	-0.6	2.53 V	111	66.1	1.5
3	*6025.00	113.9 PK			2.53 V	111	112.1	1.8
4	*6025.00	103.3 AV			2.53 V	111	101.5	1.8
5	12050.00	51.5 PK	74.0	-22.5	1.65 V	93	40.5	11.0
6	12050.00	40.7 AV	54.0	-13.3	1.65 V	93	29.7	11.0
7	18075.00	52.4 PK	74.0	-21.6	1.52 V	16	46.0	6.4
8	18075.00	41.3 AV	54.0	-12.7	1.52 V	16	34.9	6.4

Remarks:

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

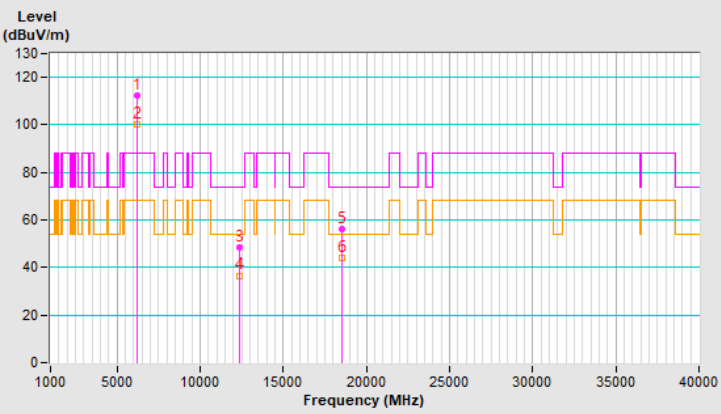


RF Mode	802.11ax (HE160)	Channel	CH 47：6185 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6185.00	112.2 PK			2.14 H	91	110.2	2.0
2	*6185.00	100.1 AV			2.14 H	91	98.1	2.0
3	12370.00	48.4 PK	74.0	-25.6	1.58 H	117	38.3	10.1
4	12370.00	36.6 AV	54.0	-17.4	1.58 H	117	26.5	10.1
5	18555.00	56.3 PK	74.0	-17.7	1.15 H	151	62.8	-6.5
6	18555.00	44.0 AV	54.0	-10.0	1.15 H	151	50.5	-6.5

Remarks:

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

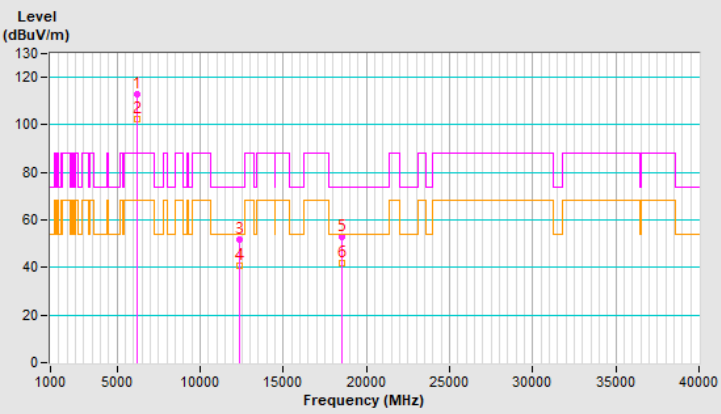


RF Mode	802.11ax (HE160)	Channel	CH 47：6185 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6185.00	113.1 PK			2.61 V	93	111.1	2.0
2	*6185.00	102.5 AV			2.61 V	93	100.5	2.0
3	12370.00	52.0 PK	74.0	-22.0	1.74 V	86	41.9	10.1
4	12370.00	40.6 AV	54.0	-13.4	1.74 V	86	30.5	10.1
5	18555.00	52.7 PK	74.0	-21.3	1.47 V	7	59.2	-6.5
6	18555.00	41.9 AV	54.0	-12.1	1.47 V	7	48.4	-6.5

Remarks:

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

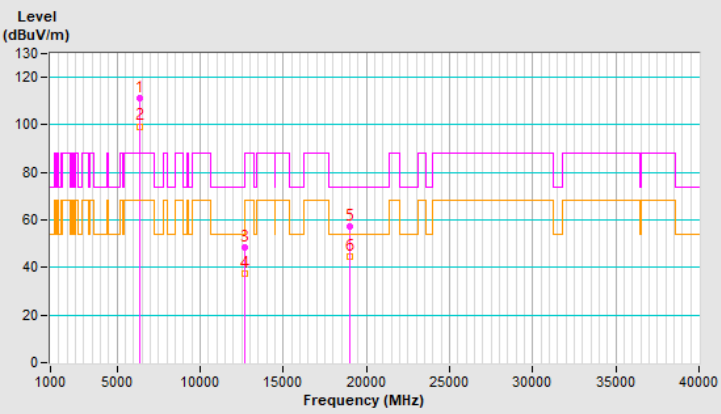


RF Mode	802.11ax (HE160)	Channel	CH 79：6345 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6345.00	111.4 PK			2.14 H	89	108.5	2.9
2	*6345.00	99.4 AV			2.14 H	89	96.5	2.9
3	12690.00	48.7 PK	74.0	-25.3	1.54 H	92	38.5	10.2
4	12690.00	37.2 AV	54.0	-16.8	1.54 H	92	27.0	10.2
5	19035.00	57.1 PK	74.0	-16.9	1.14 H	147	63.6	-6.5
6	19035.00	44.7 AV	54.0	-9.3	1.14 H	147	51.2	-6.5

Remarks:

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

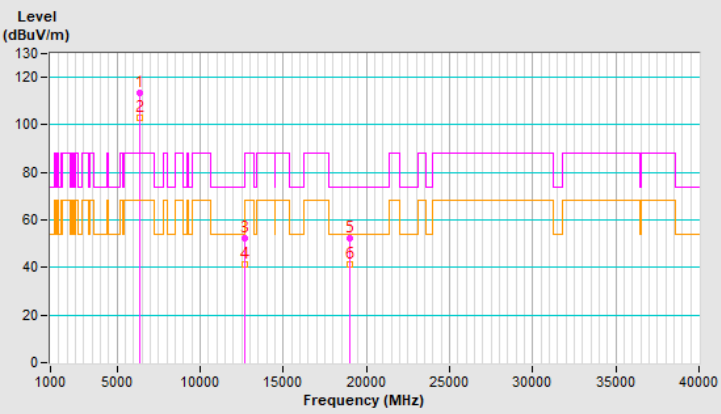


RF Mode	802.11ax (HE160)	Channel	CH 79：6345 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6345.00	113.4 PK			2.64 V	94	110.5	2.9
2	*6345.00	102.8 AV			2.64 V	94	99.9	2.9
3	12690.00	52.4 PK	74.0	-21.6	1.66 V	93	42.2	10.2
4	12690.00	41.3 AV	54.0	-12.7	1.66 V	93	31.1	10.2
5	19035.00	52.2 PK	74.0	-21.8	1.51 V	16	58.7	-6.5
6	19035.00	41.3 AV	54.0	-12.7	1.51 V	16	47.8	-6.5

Remarks:

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

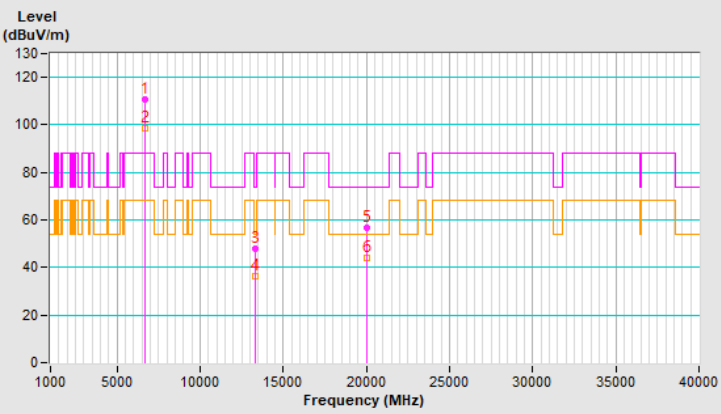


RF Mode	802.11ax (HE160)	**Channel**	CH 143：6665 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6665.00	110.9 PK			2.19 H	107	107.1	3.8
2	*6665.00	98.5 AV			2.19 H	107	94.7	3.8
3	13330.00	48.0 PK	74.0	-26.0	1.62 H	105	36.2	11.8
4	13330.00	36.5 AV	54.0	-17.5	1.62 H	105	24.7	11.8
5	19995.00	56.8 PK	74.0	-17.2	1.10 H	175	62.4	-5.6
6	19995.00	44.0 AV	54.0	-10.0	1.10 H	175	49.6	-5.6

Remarks:

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

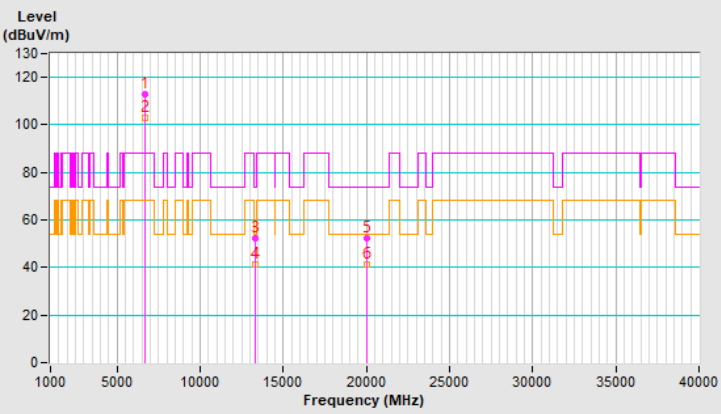


RF Mode	802.11ax (HE160)	**Channel**	CH 143：6665 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6665.00	113.1 PK			2.55 V	107	109.3	3.8
2	*6665.00	102.9 AV			2.55 V	107	99.1	3.8
3	13330.00	52.5 PK	74.0	-21.5	1.71 V	97	40.7	11.8
4	13330.00	41.3 AV	54.0	-12.7	1.71 V	97	29.5	11.8
5	19995.00	52.1 PK	74.0	-21.9	1.51 V	33	57.7	-5.6
6	19995.00	41.1 AV	54.0	-12.9	1.51 V	33	46.7	-5.6

Remarks:

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

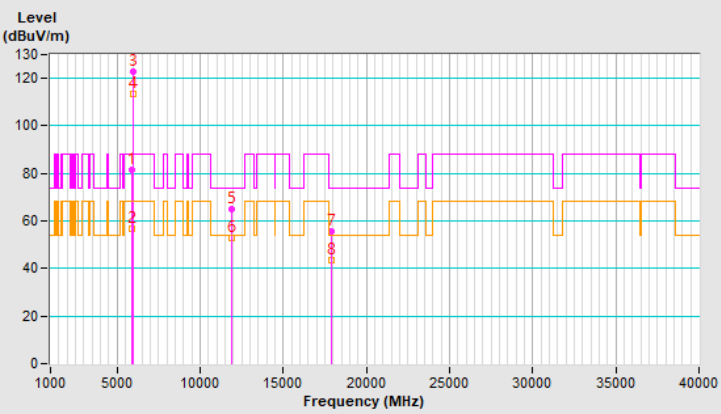


RF Mode	20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 1：5955 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5925.00	81.5 PK	88.2	-6.7	2.12 H	82	80.0	1.5
2	#5925.00	56.6 AV	68.2	-11.6	2.12 H	82	55.1	1.5
3	*5955.00	123.0 PK			2.12 H	82	121.4	1.6
4	*5955.00	113.3 AV			2.12 H	82	111.7	1.6
5	11910.00	65.2 PK	74.0	-8.8	2.54 H	170	54.1	11.1
6	11910.00	53.1 AV	54.0	-0.9	2.54 H	170	42.0	11.1
7	17865.00	55.7 PK	74.0	-18.3	1.37 H	201	33.6	22.1
8	17865.00	43.6 AV	54.0	-10.4	1.37 H	201	21.5	22.1

Remarks:

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

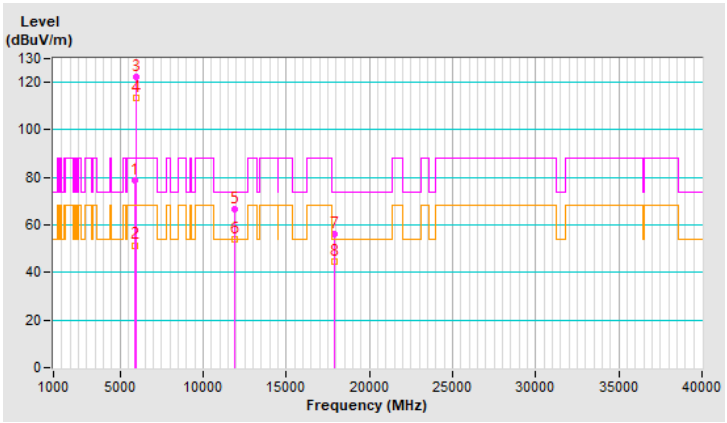


RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 1：5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	78.8 PK	88.2	-9.4	2.66 V	98	77.3	1.5
2	#5925.00	51.5 AV	68.2	-16.7	2.66 V	98	50.0	1.5
3	*5955.00	122.4 PK			2.66 V	98	120.8	1.6
4	*5955.00	113.2 AV			2.66 V	98	111.6	1.6
5	11910.00	66.8 PK	74.0	-7.2	1.58 V	144	55.7	11.1
6	11910.00	53.8 AV	54.0	-0.2	1.58 V	144	42.7	11.1
7	17865.00	56.3 PK	74.0	-17.7	1.40 V	21	34.2	22.1
8	17865.00	44.7 AV	54.0	-9.3	1.40 V	21	22.6	22.1

Remarks:

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

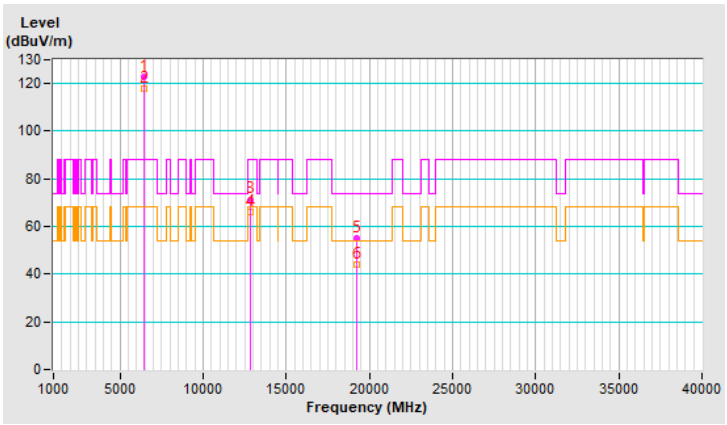


RF Mode	20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6415.00	122.9 PK			2.12 H	70	119.9	3.0
2	*6415.00	118.0 AV			2.12 H	70	115.0	3.0
3	#12830.00	71.3 PK	88.2	-16.9	2.42 H	178	60.7	10.6
4	#12830.00	65.9 AV	68.2	-2.3	2.42 H	178	55.3	10.6
5	19245.00	55.1 PK	74.0	-18.9	1.31 H	212	61.5	-6.4
6	19245.00	43.8 AV	54.0	-10.2	1.31 H	212	50.2	-6.4

Remarks:

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

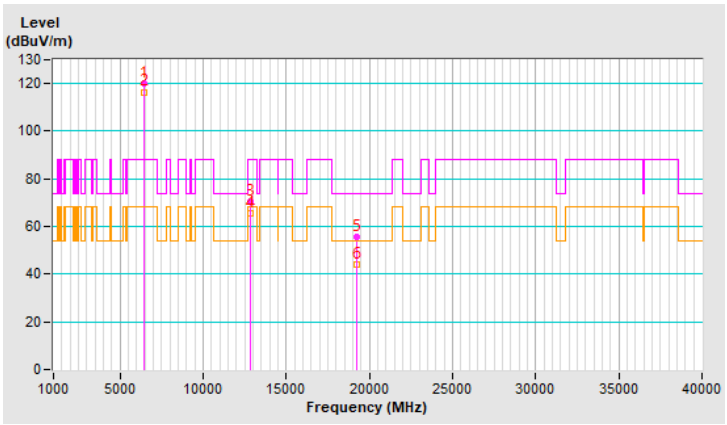


RF Mode	20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6415.00	120.3 PK			2.64 V	78	117.3	3.0
2	*6415.00	116.5 AV			2.64 V	78	113.5	3.0
3	#12830.00	70.3 PK	88.2	-17.9	1.68 V	144	59.7	10.6
4	#12830.00	65.3 AV	68.2	-2.9	1.68 V	144	54.7	10.6
5	19245.00	55.8 PK	74.0	-18.2	1.25 V	40	62.2	-6.4
6	19245.00	44.3 AV	54.0	-9.7	1.25 V	40	50.7	-6.4

Remarks:

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

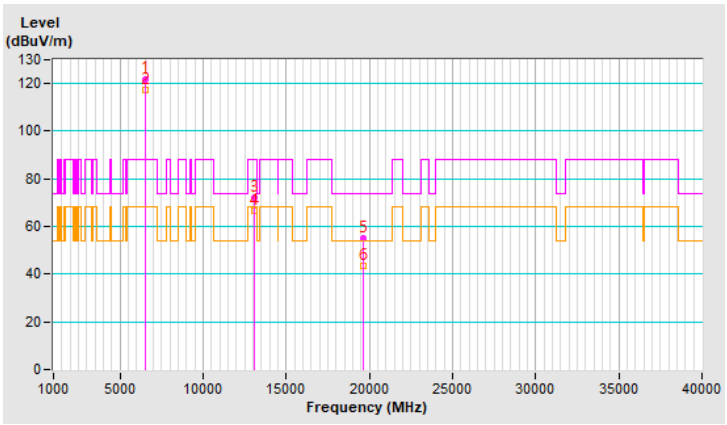


RF Mode	20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6535.00	122.0 PK			2.15 H	95	118.4	3.6
2	*6535.00	117.1 AV			2.15 H	95	113.5	3.6
3	#13070.00	72.2 PK	88.2	-16.0	2.45 H	176	61.4	10.8
4	#13070.00	66.5 AV	68.2	-1.7	2.45 H	176	55.7	10.8
5	19605.00	55.2 PK	74.0	-18.8	1.24 H	213	61.2	-6.0
6	19605.00	43.7 AV	54.0	-10.3	1.24 H	213	49.7	-6.0

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.

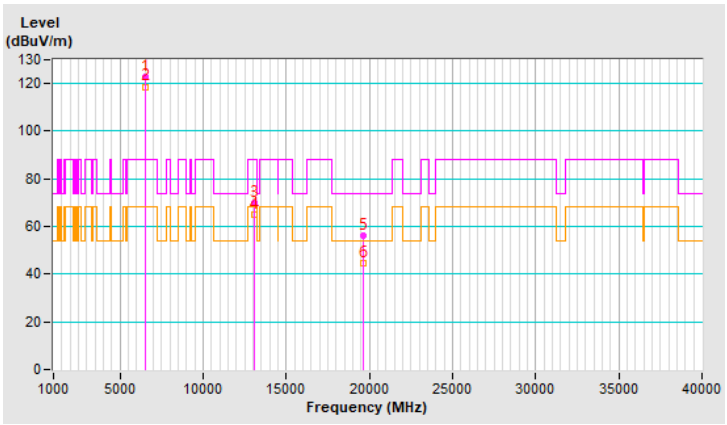


RF Mode	20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6535.00	122.7 PK			2.63 V	94	119.1	3.6
2	*6535.00	118.7 AV			2.63 V	94	115.1	3.6
3	#13070.00	69.9 PK	88.2	-18.3	1.61 V	132	59.1	10.8
4	#13070.00	64.9 AV	68.2	-3.3	1.61 V	132	54.1	10.8
5	19605.00	56.4 PK	74.0	-17.6	1.34 V	42	62.4	-6.0
6	19605.00	44.8 AV	54.0	-9.2	1.34 V	42	50.8	-6.0

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.

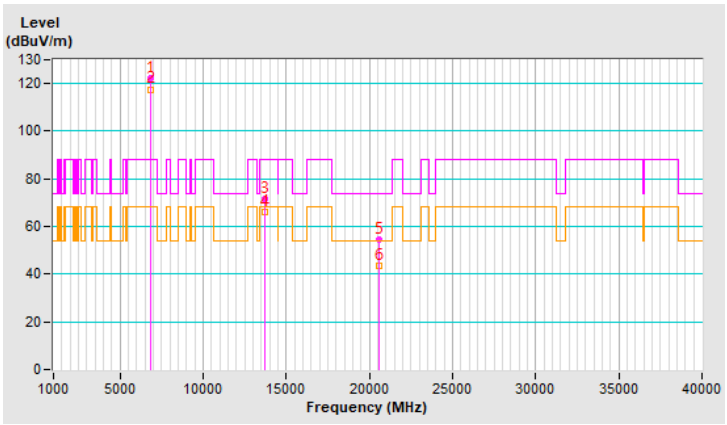


RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	122.3 PK			2.20 H	80	118.2	4.1
2	*6855.00	117.6 AV			2.20 H	80	113.5	4.1
3	#13710.00	71.8 PK	88.2	-16.4	2.42 H	169	58.9	12.9
4	#13710.00	66.1 AV	68.2	-2.1	2.42 H	169	53.2	12.9
5	20565.00	54.7 PK	74.0	-19.3	1.25 H	209	59.5	-4.8
6	20565.00	43.3 AV	54.0	-10.7	1.25 H	209	48.1	-4.8

Remarks:

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

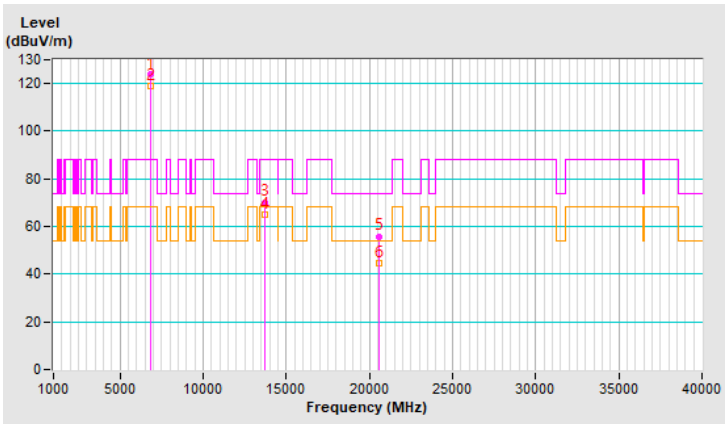


RF Mode	20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6855.00	123.9 PK			2.65 V	77	119.8	4.1
2	*6855.00	119.2 AV			2.65 V	77	115.1	4.1
3	#13710.00	70.2 PK	88.2	-18.0	1.63 V	128	57.3	12.9
4	#13710.00	65.2 AV	68.2	-3.0	1.63 V	128	52.3	12.9
5	20565.00	55.9 PK	74.0	-18.1	1.30 V	36	60.7	-4.8
6	20565.00	44.5 AV	54.0	-9.5	1.30 V	36	49.3	-4.8

Remarks:

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

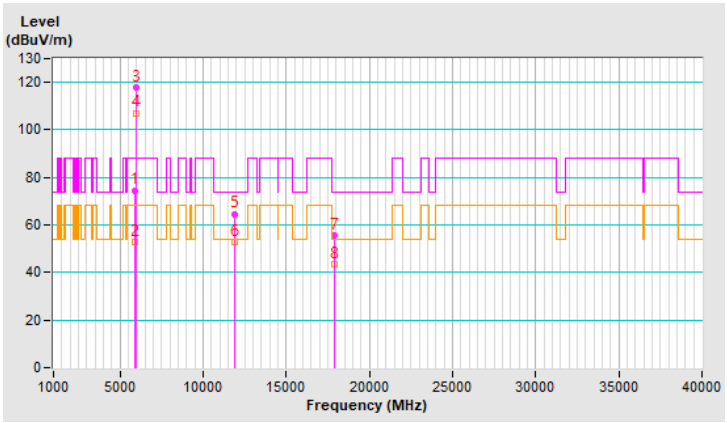


RF Mode	20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 1：5955 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5925.00	74.6 PK	88.2	-13.6	2.24 H	86	73.1	1.5
2	#5925.00	53.0 AV	68.2	-15.2	2.24 H	86	51.5	1.5
3	*5955.00	118.1 PK			2.24 H	86	116.5	1.6
4	*5955.00	107.1 AV			2.24 H	86	105.5	1.6
5	11910.00	64.7 PK	74.0	-9.3	2.52 H	163	53.6	11.1
6	11910.00	52.7 AV	54.0	-1.3	2.52 H	163	41.6	11.1
7	17865.00	55.6 PK	74.0	-18.4	1.41 H	186	33.5	22.1
8	17865.00	43.3 AV	54.0	-10.7	1.41 H	186	21.2	22.1

Remarks:

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

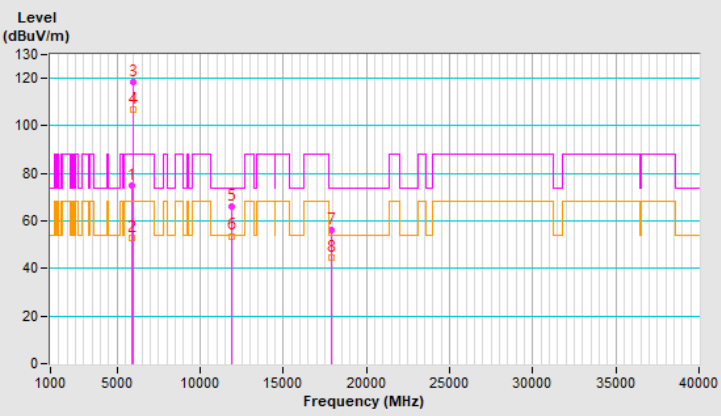


RF Mode	20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 1：5955 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5925.00	75.0 PK	88.2	-13.2	2.71 V	88	73.5	1.5
2	#5925.00	52.8 AV	68.2	-15.4	2.71 V	88	51.3	1.5
3	*5955.00	118.6 PK			2.71 V	88	117.0	1.6
4	*5955.00	106.9 AV			2.71 V	88	105.3	1.6
5	11910.00	66.0 PK	74.0	-8.0	1.85 V	94	54.9	11.1
6	11910.00	53.7 AV	54.0	-0.3	1.85 V	94	42.6	11.1
7	17865.00	56.2 PK	74.0	-17.8	1.38 V	44	34.1	22.1
8	17865.00	44.4 AV	54.0	-9.6	1.38 V	44	22.3	22.1

Remarks:

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

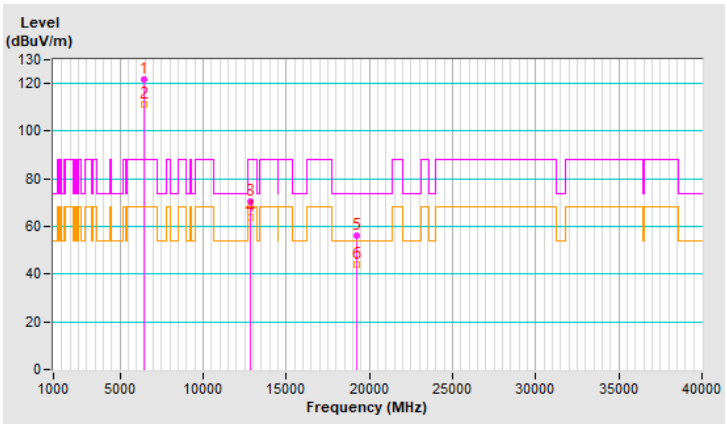


RF Mode	20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6415.00	121.7 PK			2.19 H	82	118.7	3.0
2	*6415.00	111.5 AV			2.19 H	82	108.5	3.0
3	#12830.00	70.4 PK	88.2	-17.8	2.44 H	181	59.8	10.6
4	#12830.00	63.9 AV	68.2	-4.3	2.44 H	181	53.3	10.6
5	19245.00	56.2 PK	74.0	-17.8	1.33 H	195	62.6	-6.4
6	19245.00	44.2 AV	54.0	-9.8	1.33 H	195	50.6	-6.4

Remarks:

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

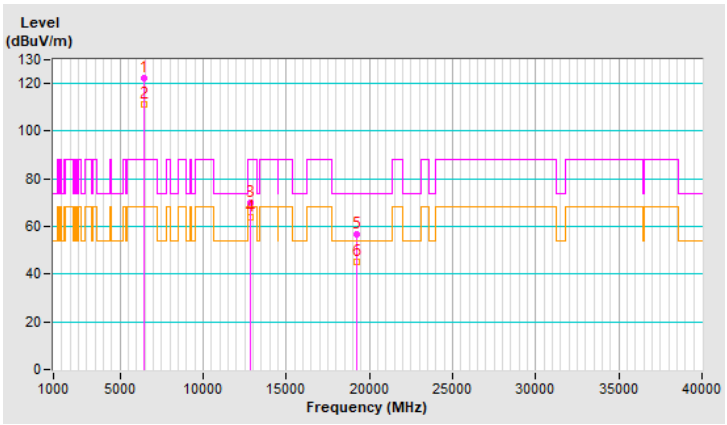


RF Mode	20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6415.00	122.1 PK			2.69 V	99	119.1	3.0
2	*6415.00	111.3 AV			2.69 V	99	108.3	3.0
3	#12830.00	70.1 PK	88.2	-18.1	1.68 V	116	59.5	10.6
4	#12830.00	63.8 AV	68.2	-4.4	1.68 V	116	53.2	10.6
5	19245.00	56.6 PK	74.0	-17.4	1.27 V	32	63.0	-6.4
6	19245.00	45.1 AV	54.0	-8.9	1.27 V	32	51.5	-6.4

Remarks:

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

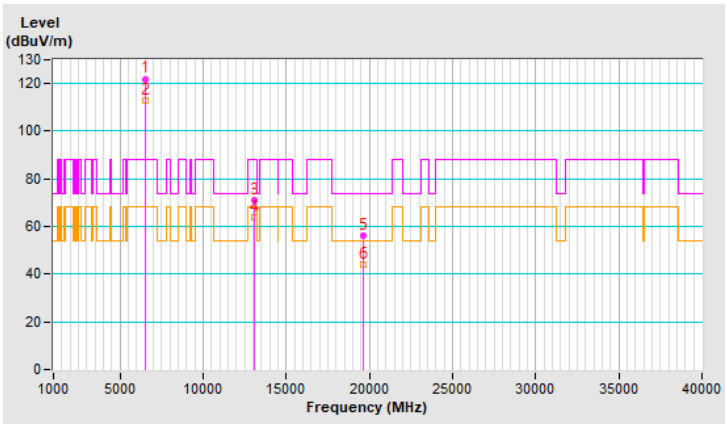


RF Mode	20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6535.00	122.0 PK			2.21 H	105	118.4	3.6
2	*6535.00	113.1 AV			2.21 H	105	109.5	3.6
3	#13070.00	70.8 PK	88.2	-17.4	2.47 H	151	60.0	10.8
4	#13070.00	64.0 AV	68.2	-4.2	2.47 H	151	53.2	10.8
5	19605.00	56.2 PK	74.0	-17.8	1.30 H	181	62.2	-6.0
6	19605.00	44.2 AV	54.0	-9.8	1.30 H	181	50.2	-6.0

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.

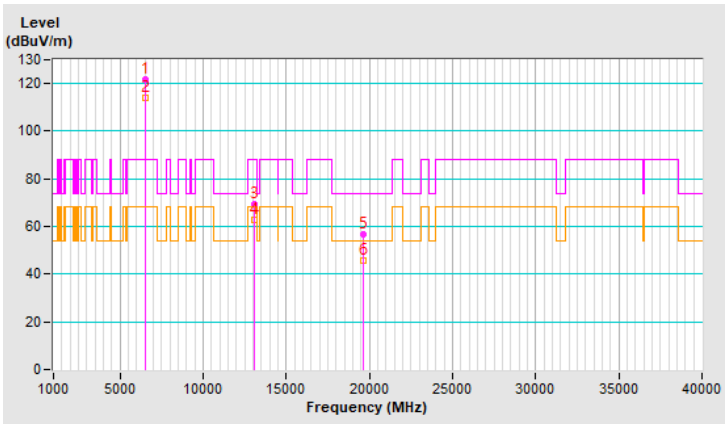


RF Mode	20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6535.00	121.9 PK			2.71 V	84	118.3	3.6
2	*6535.00	114.1 AV			2.71 V	84	110.5	3.6
3	#13070.00	69.6 PK	88.2	-18.6	1.65 V	128	58.8	10.8
4	#13070.00	62.8 AV	68.2	-5.4	1.65 V	128	52.0	10.8
5	19605.00	56.8 PK	74.0	-17.2	1.23 V	50	62.8	-6.0
6	19605.00	45.5 AV	54.0	-8.5	1.23 V	50	51.5	-6.0

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.

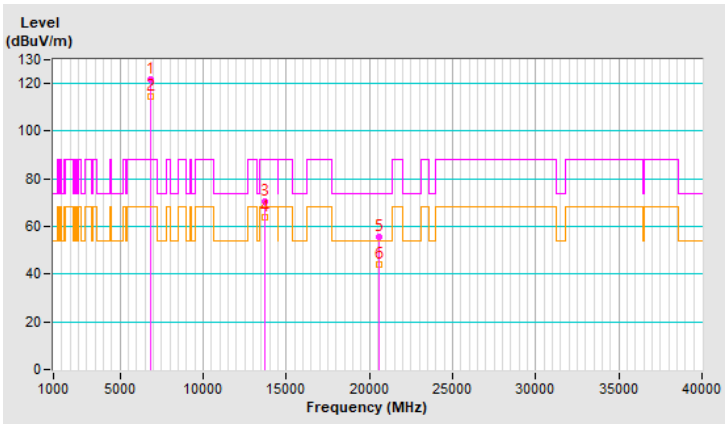


RF Mode	20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6855.00	121.7 PK			2.26 H	80	117.6	4.1
2	*6855.00	114.6 AV			2.26 H	80	110.5	4.1
3	#13710.00	70.3 PK	88.2	-17.9	2.46 H	167	57.4	12.9
4	#13710.00	63.7 AV	68.2	-4.5	2.46 H	167	50.8	12.9
5	20565.00	55.6 PK	74.0	-18.4	1.30 H	186	60.4	-4.8
6	20565.00	43.8 AV	54.0	-10.2	1.30 H	186	48.6	-4.8

Remarks:

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

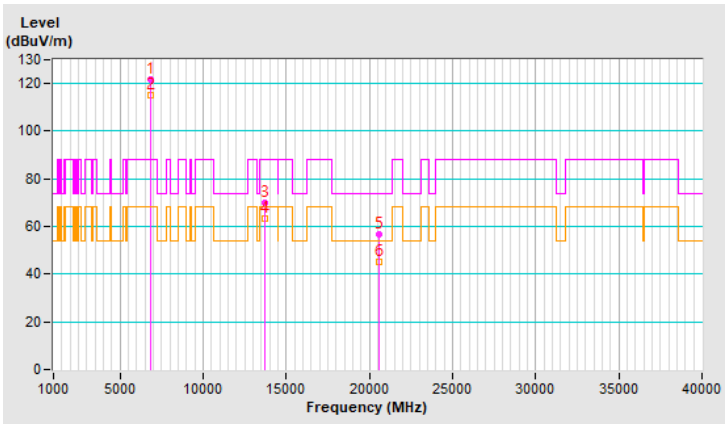


RF Mode	20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6855.00	121.5 PK			2.64 V	98	117.4	4.1
2	*6855.00	114.9 AV			2.64 V	98	110.8	4.1
3	#13710.00	69.8 PK	88.2	-18.4	1.68 V	114	56.9	12.9
4	#13710.00	63.3 AV	68.2	-4.9	1.68 V	114	50.4	12.9
5	20565.00	56.6 PK	74.0	-17.4	1.28 V	36	61.4	-4.8
6	20565.00	45.1 AV	54.0	-8.9	1.28 V	36	49.9	-4.8

Remarks:

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

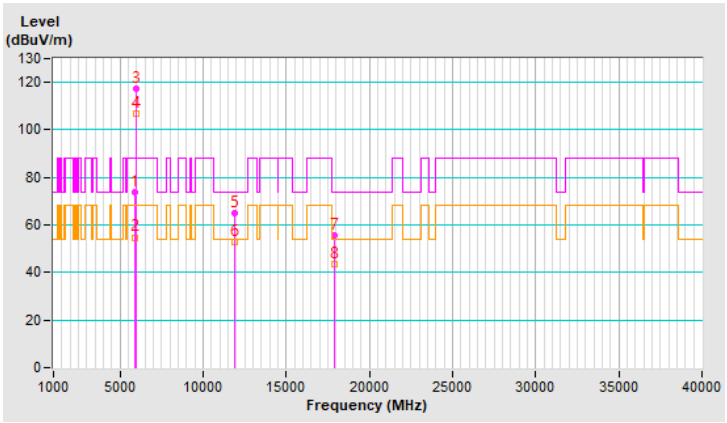


RF Mode	20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 1：5955 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5925.00	73.6 PK	88.2	-14.6	2.22 H	91	72.1	1.5
2	#5925.00	54.8 AV	68.2	-13.4	2.22 H	91	53.3	1.5
3	*5955.00	117.5 PK			2.22 H	91	115.9	1.6
4	*5955.00	107.0 AV			2.22 H	91	105.4	1.6
5	11910.00	65.2 PK	74.0	-8.8	2.50 H	172	54.1	11.1
6	11910.00	52.9 AV	54.0	-1.1	2.50 H	172	41.8	11.1
7	17865.00	55.5 PK	74.0	-18.5	1.37 H	215	33.4	22.1
8	17865.00	43.5 AV	54.0	-10.5	1.37 H	215	21.4	22.1

Remarks:

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

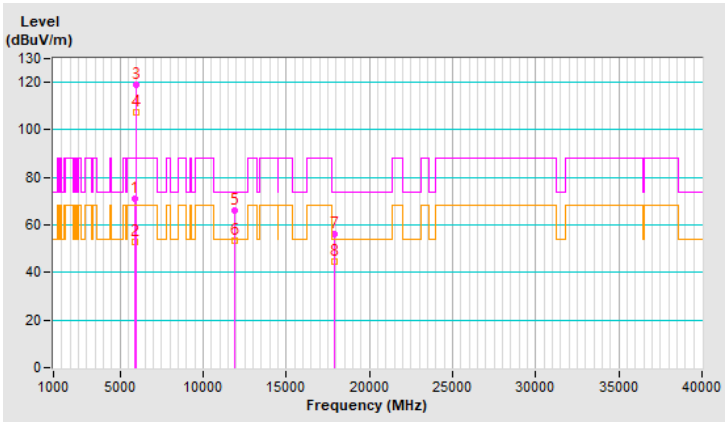


RF Mode	20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 1：5955 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5925.00	71.1 PK	88.2	-17.1	2.71 V	102	69.6	1.5
2	#5925.00	52.7 AV	68.2	-15.5	2.71 V	102	51.2	1.5
3	*5955.00	119.0 PK			2.71 V	102	117.4	1.6
4	*5955.00	107.4 AV			2.71 V	102	105.8	1.6
5	11910.00	66.0 PK	74.0	-8.0	1.79 V	121	54.9	11.1
6	11910.00	53.5 AV	54.0	-0.5	1.79 V	121	42.4	11.1
7	17865.00	56.0 PK	74.0	-18.0	1.36 V	37	33.9	22.1
8	17865.00	44.4 AV	54.0	-9.6	1.36 V	37	22.3	22.1

Remarks:

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

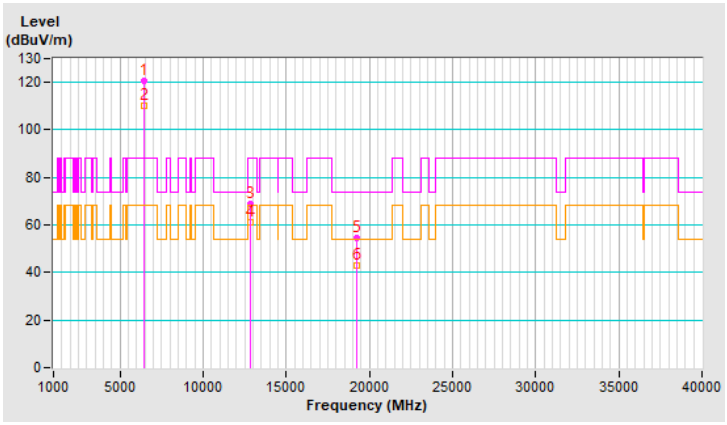


RF Mode	20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6415.00	120.4 PK			2.17 H	82	117.4	3.0
2	*6415.00	110.2 AV			2.17 H	82	107.2	3.0
3	#12830.00	68.9 PK	88.2	-19.3	2.49 H	146	58.3	10.6
4	#12830.00	61.2 AV	68.2	-7.0	2.49 H	146	50.6	10.6
5	19245.00	54.5 PK	74.0	-19.5	1.33 H	188	60.9	-6.4
6	19245.00	43.1 AV	54.0	-10.9	1.33 H	188	49.5	-6.4

Remarks:

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

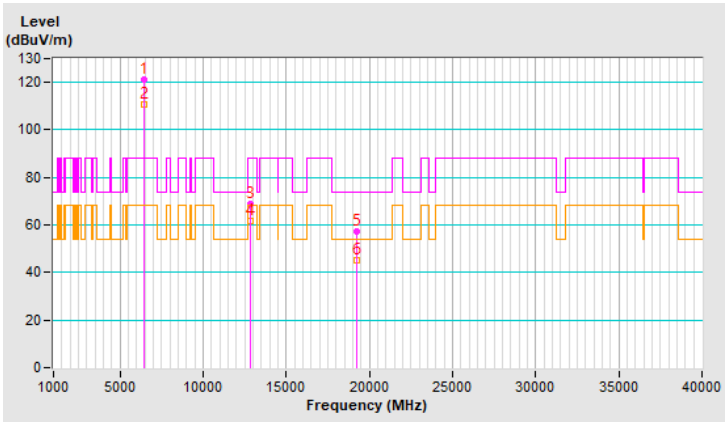


RF Mode	20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6415.00	121.4 PK			2.66 V	93	118.4	3.0
2	*6415.00	110.6 AV			2.66 V	93	107.6	3.0
3	#12830.00	69.0 PK	88.2	-19.2	1.67 V	102	58.4	10.6
4	#12830.00	61.6 AV	68.2	-6.6	1.67 V	102	51.0	10.6
5	19245.00	57.3 PK	74.0	-16.7	1.32 V	31	63.7	-6.4
6	19245.00	45.4 AV	54.0	-8.6	1.32 V	31	51.8	-6.4

Remarks:

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

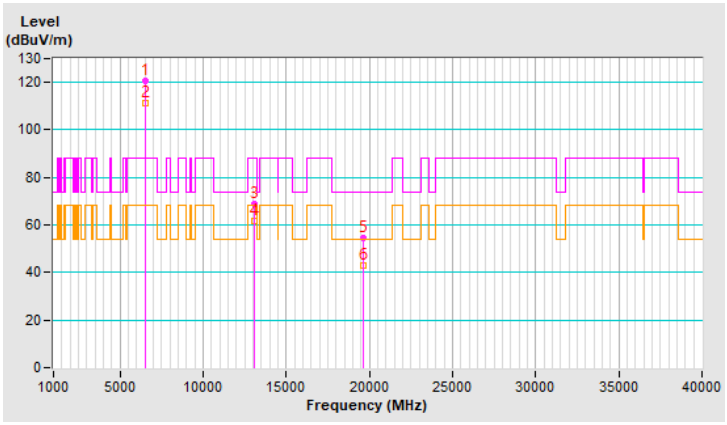


RF Mode	20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6535.00	120.8 PK			2.23 H	79	117.2	3.6
2	*6535.00	111.0 AV			2.23 H	79	107.4	3.6
3	#13070.00	68.8 PK	88.2	-19.4	2.49 H	162	58.0	10.8
4	#13070.00	61.7 AV	68.2	-6.5	2.49 H	162	50.9	10.8
5	19605.00	54.5 PK	74.0	-19.5	1.31 H	190	60.5	-6.0
6	19605.00	43.0 AV	54.0	-11.0	1.31 H	190	49.0	-6.0

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.

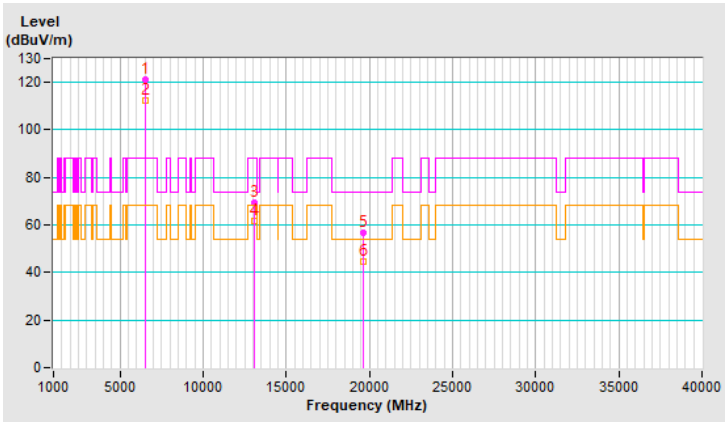


RF Mode	20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6535.00	121.4 PK			2.66 V	104	117.8	3.6
2	*6535.00	112.4 AV			2.66 V	104	108.8	3.6
3	#13070.00	69.5 PK	88.2	-18.7	1.74 V	107	58.7	10.8
4	#13070.00	61.6 AV	68.2	-6.6	1.74 V	107	50.8	10.8
5	19605.00	56.5 PK	74.0	-17.5	1.31 V	55	62.5	-6.0
6	19605.00	44.7 AV	54.0	-9.3	1.31 V	55	50.7	-6.0

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.

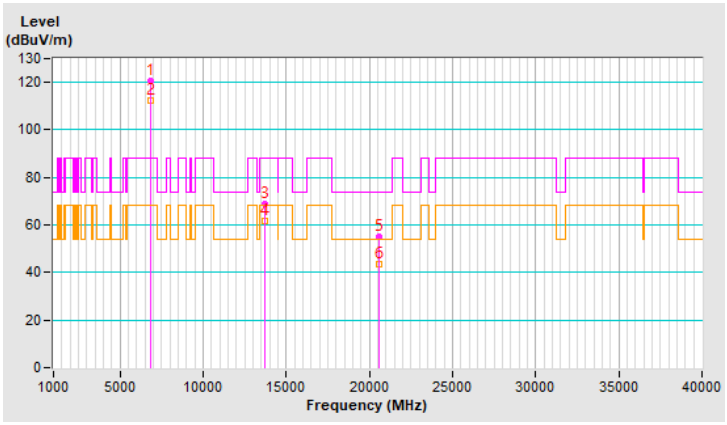


RF Mode	20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6855.00	120.6 PK			2.17 H	99	116.5	4.1
2	*6855.00	112.1 AV			2.17 H	99	108.0	4.1
3	#13710.00	68.9 PK	88.2	-19.3	2.46 H	161	56.0	12.9
4	#13710.00	61.5 AV	68.2	-6.7	2.46 H	161	48.6	12.9
5	20565.00	54.9 PK	74.0	-19.1	1.35 H	184	59.7	-4.8
6	20565.00	43.5 AV	54.0	-10.5	1.35 H	184	48.3	-4.8

Remarks:

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

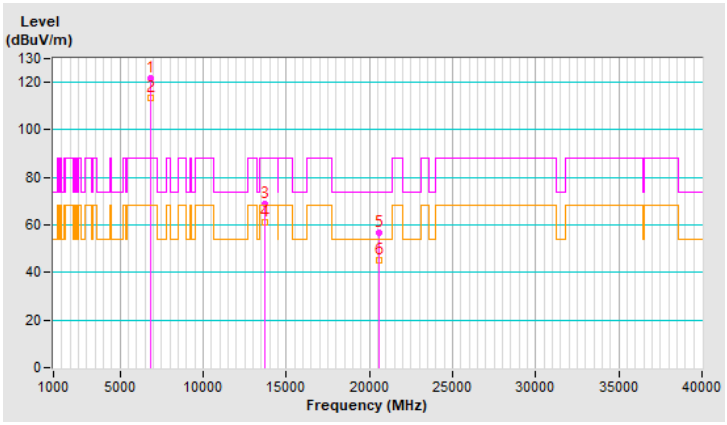


RF Mode	20 MHz Preamble 802.11ax (RU106)	**Channel**	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6855.00	121.9 PK			2.68 V	83	117.8	4.1
2	*6855.00	113.6 AV			2.68 V	83	109.5	4.1
3	#13710.00	68.9 PK	88.2	-19.3	1.68 V	105	56.0	12.9
4	#13710.00	61.2 AV	68.2	-7.0	1.68 V	105	48.3	12.9
5	20565.00	56.9 PK	74.0	-17.1	1.36 V	47	61.7	-4.8
6	20565.00	45.0 AV	54.0	-9.0	1.36 V	47	49.8	-4.8

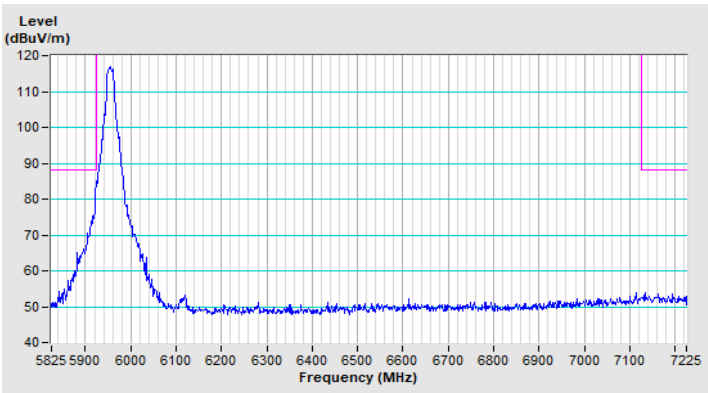
Remarks:

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.

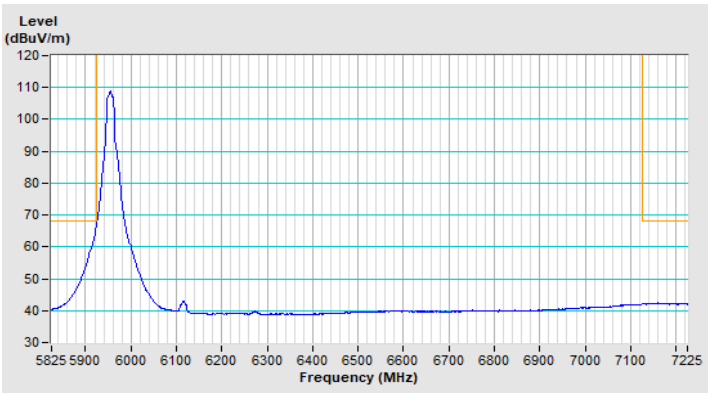


Plot of Band Edge

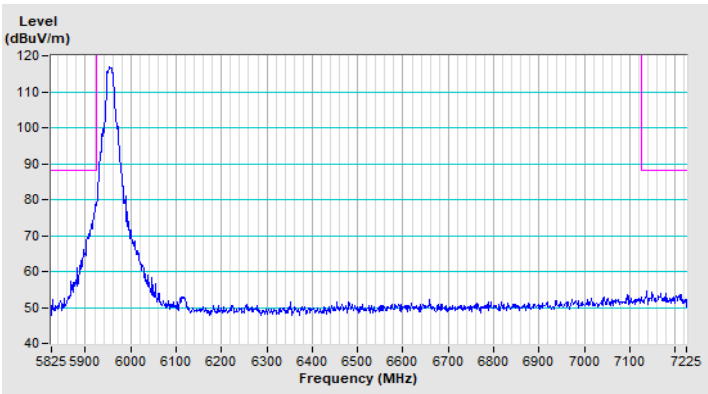
802.11a Channel 1



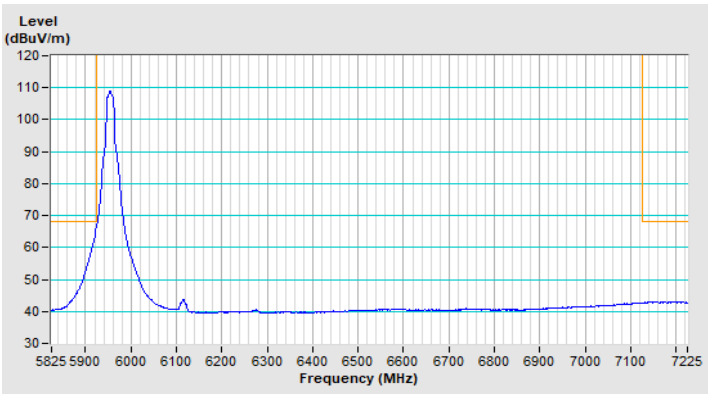
Horizontal (Peak)



Horizontal (Average)

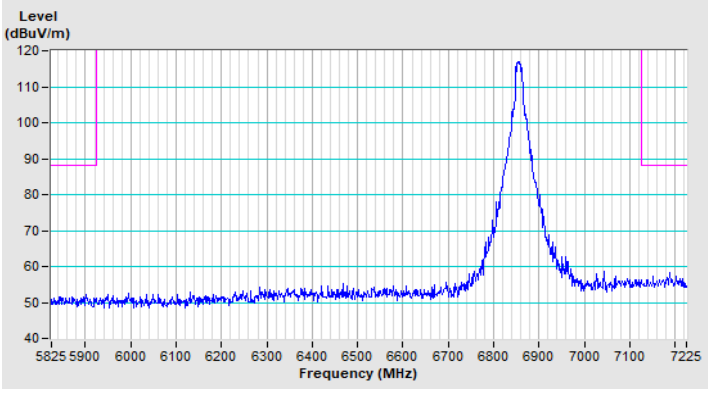


Vertical (Peak)

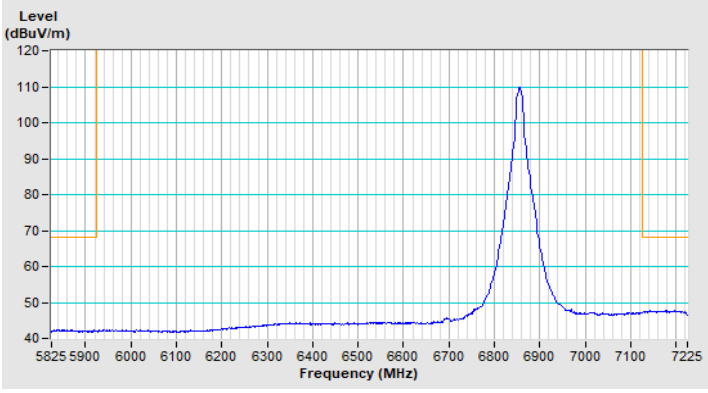


Vertical (Average)

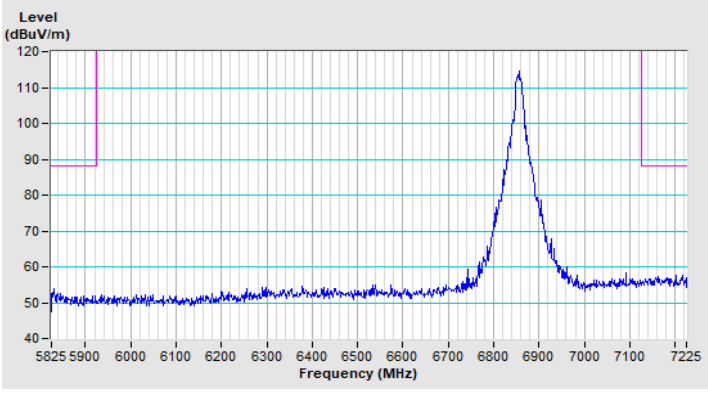
802.11a Channel 181



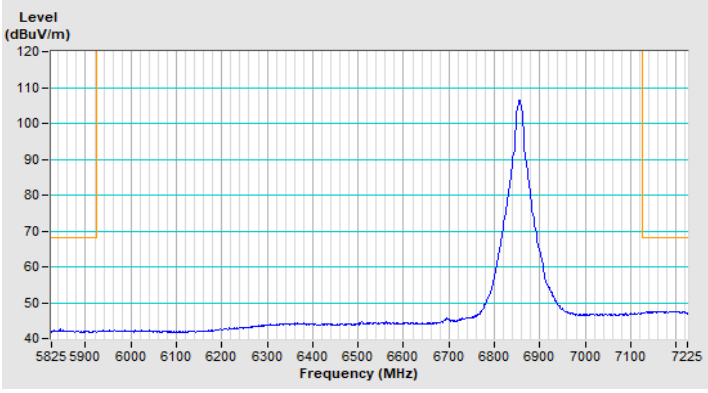
Horizontal (Peak)



Horizontal (Average)

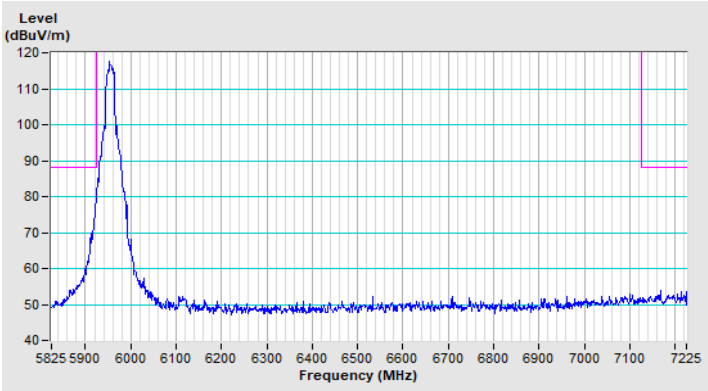


Vertical (Peak)

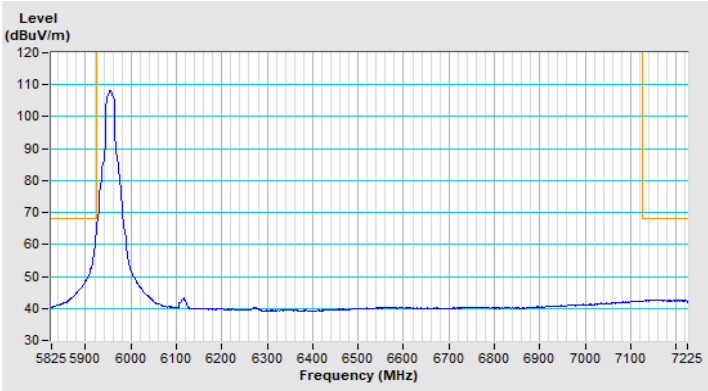


Vertical (Average)

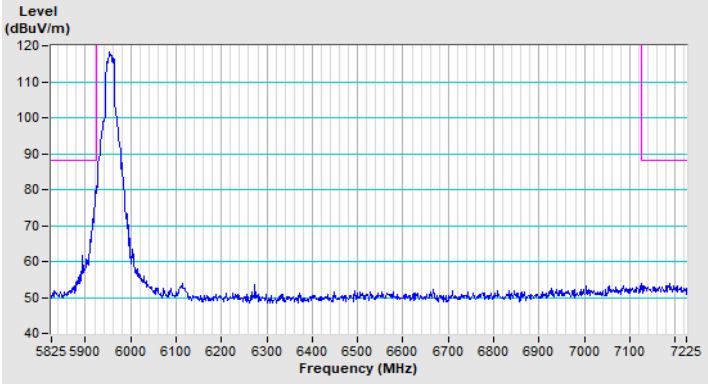
802.11ax (HE20) Channel 1



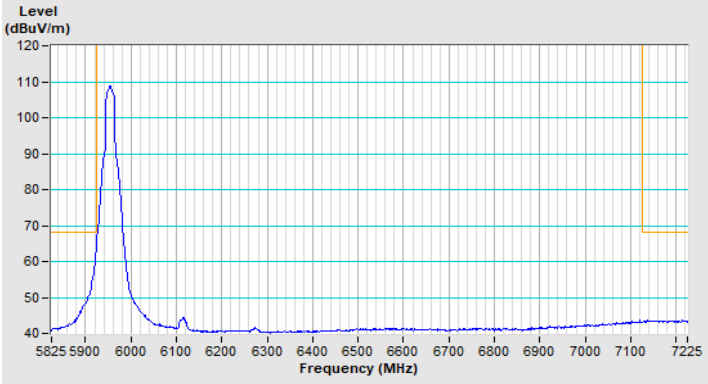
Horizontal (Peak)



Horizontal (Average)

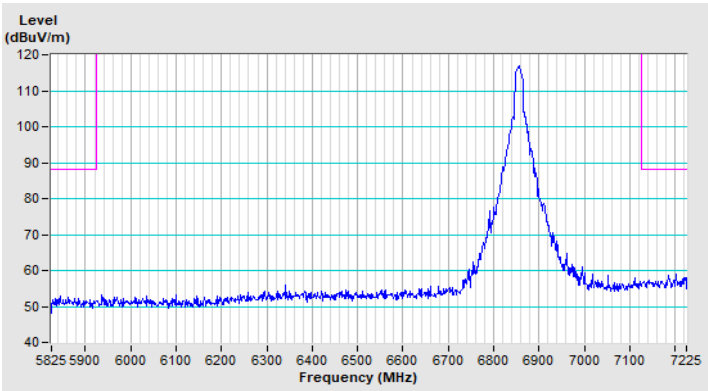


Vertical (Peak)

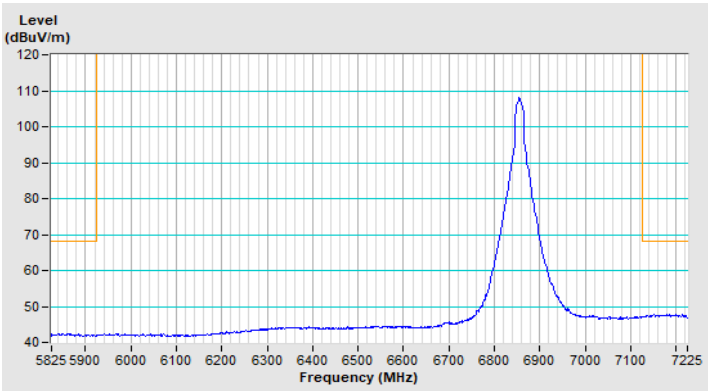


Vertical (Average)

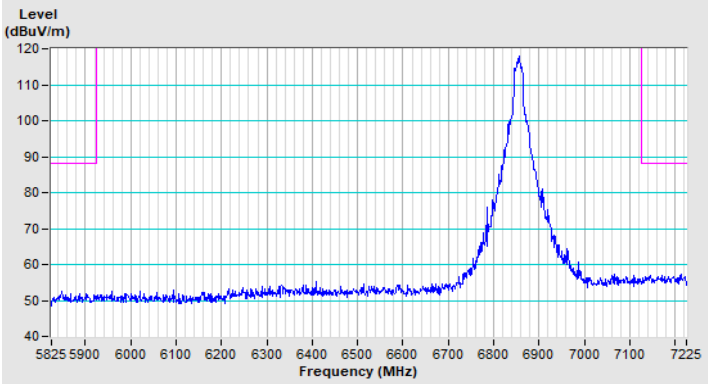
802.11ax (HE20) Channel 181



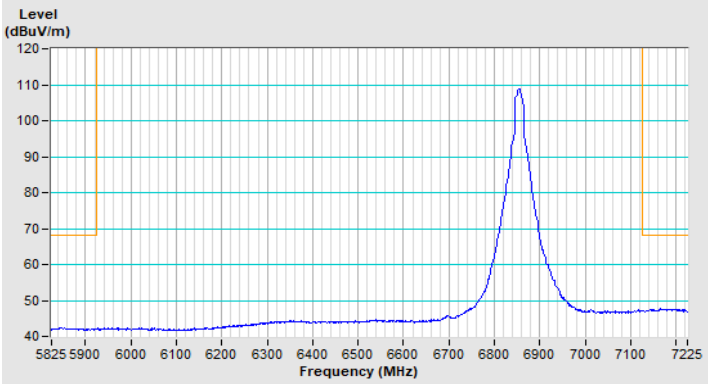
Horizontal (Peak)



Horizontal (Average)

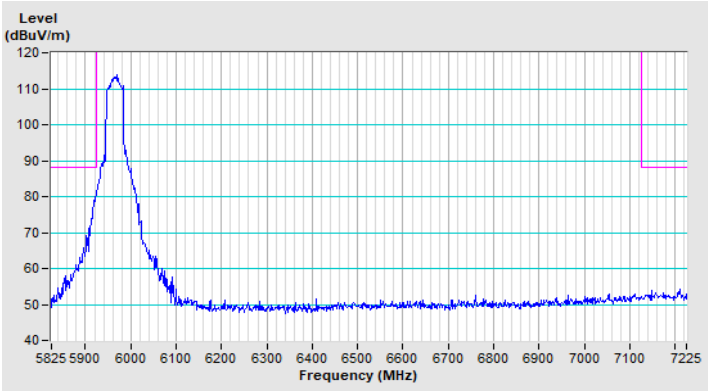


Vertical (Peak)

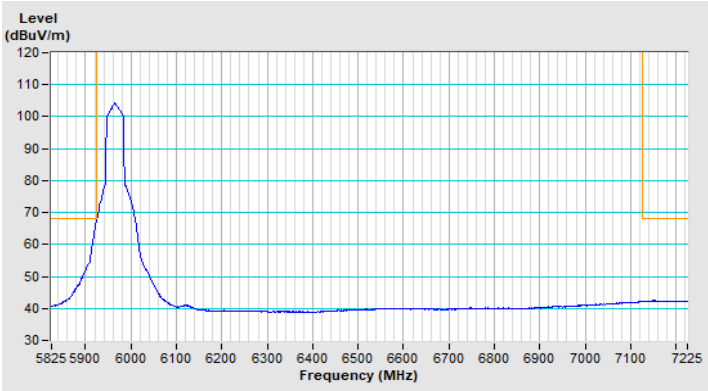


Vertical (Average)

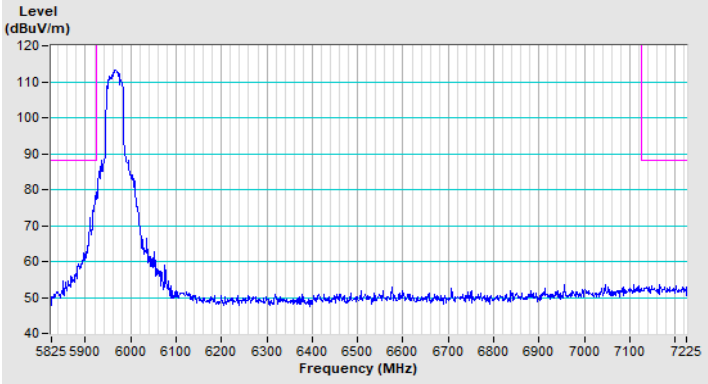
802.11ax (HE40) Channel 3



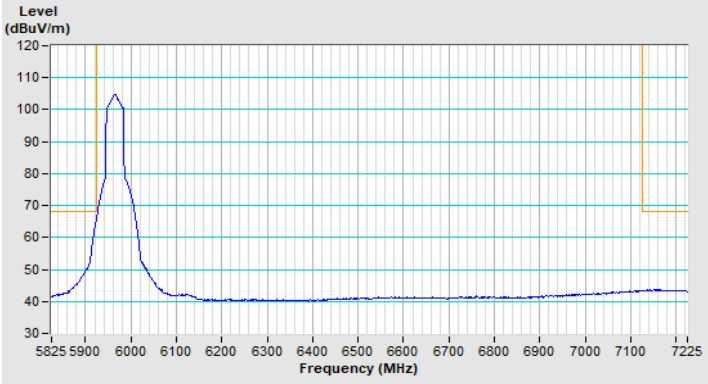
Horizontal (Peak)



Horizontal (Average)

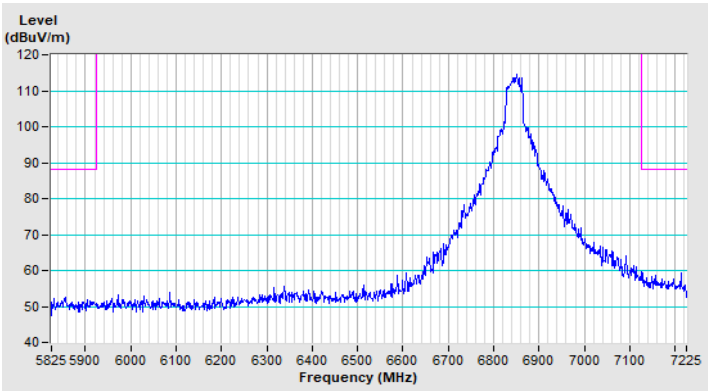


Vertical (Peak)

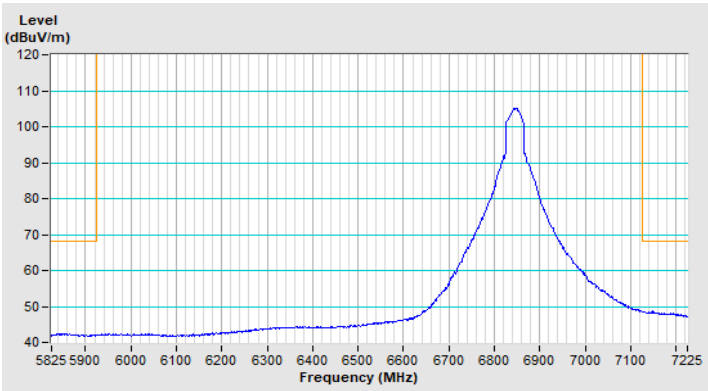


Vertical (Average)

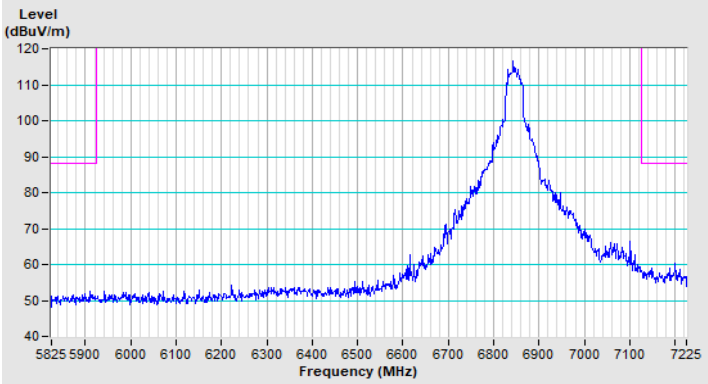
802.11ax (HE40) Channel 179



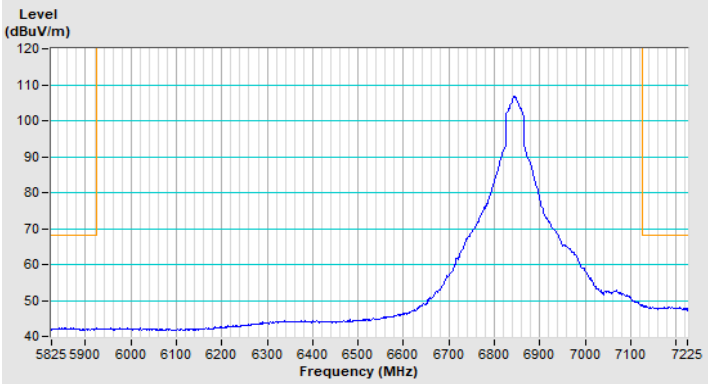
Horizontal (Peak)



Horizontal (Average)

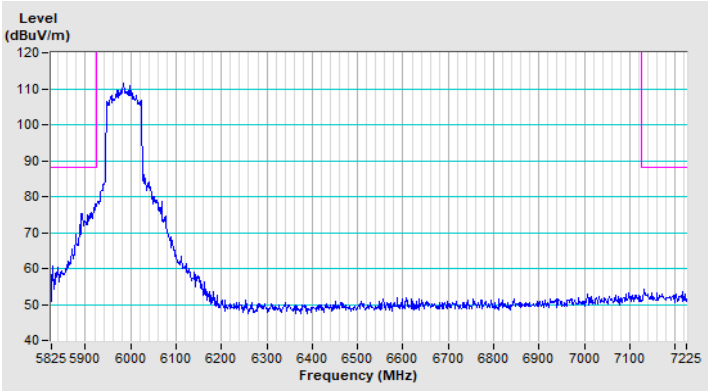


Vertical (Peak)

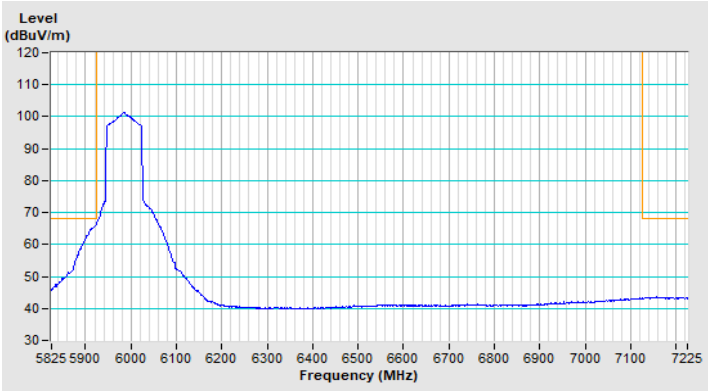


Vertical (Average)

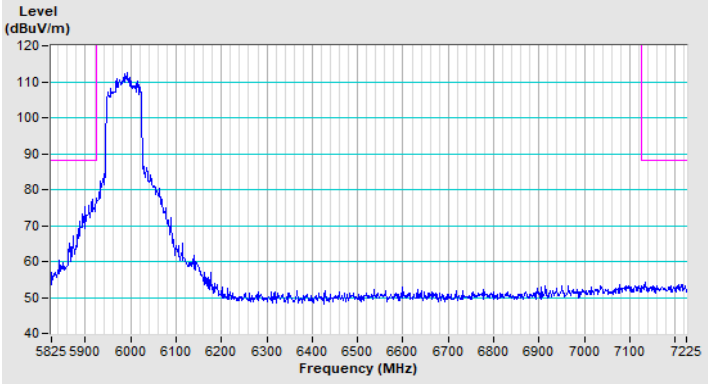
802.11ax (HE80) Channel 7



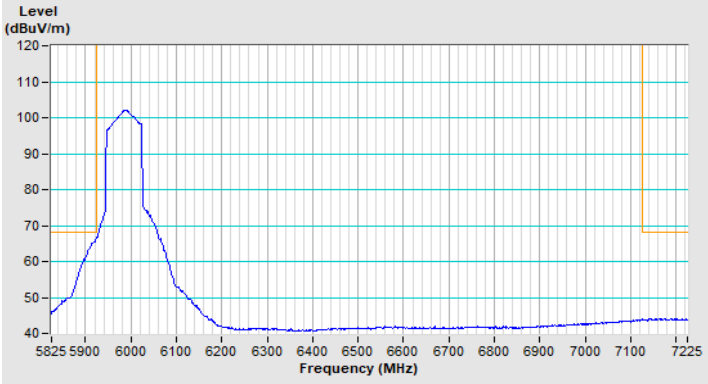
Horizontal (Peak)



Horizontal (Average)

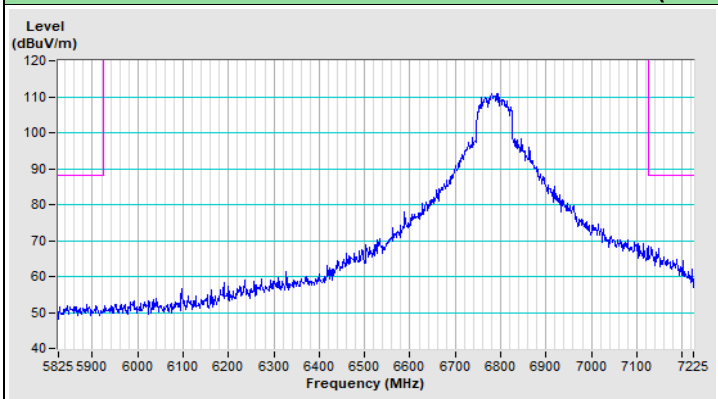


Vertical (Peak)

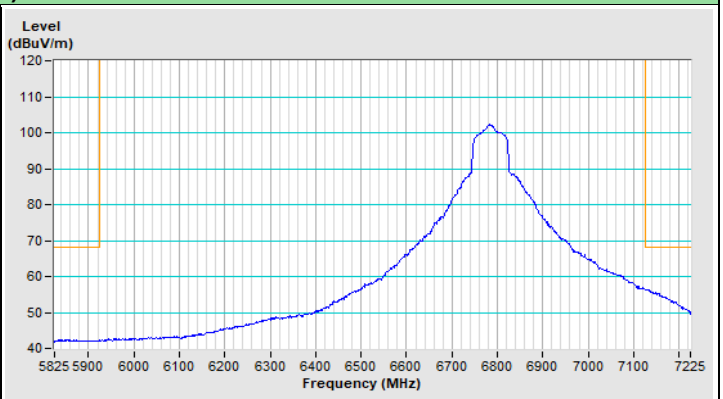


Vertical (Average)

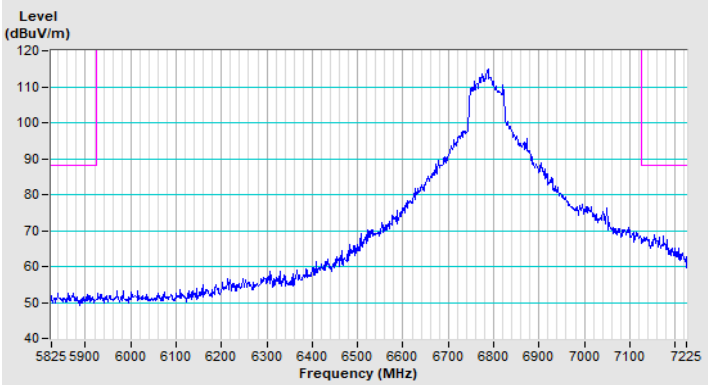
802.11ax (HE80) Channel 167



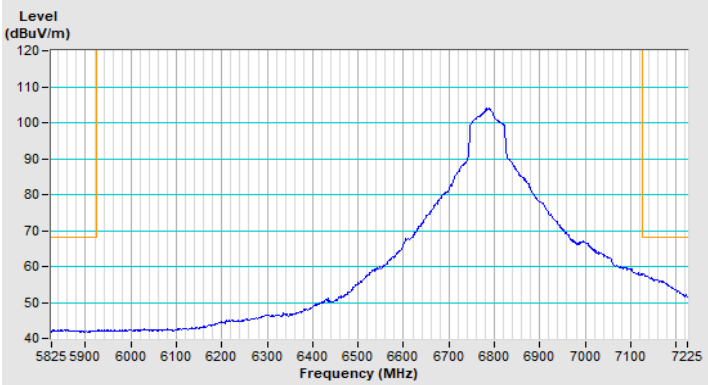
Horizontal (Peak)



Horizontal (Average)

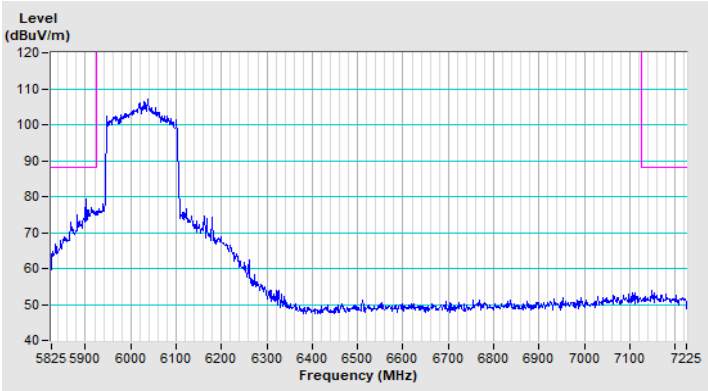


Vertical (Peak)

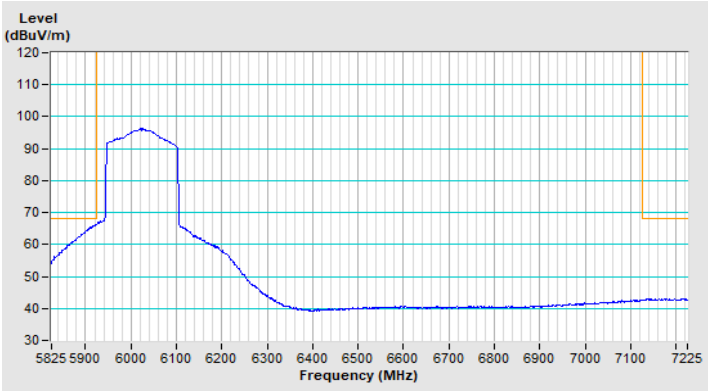


Vertical (Average)

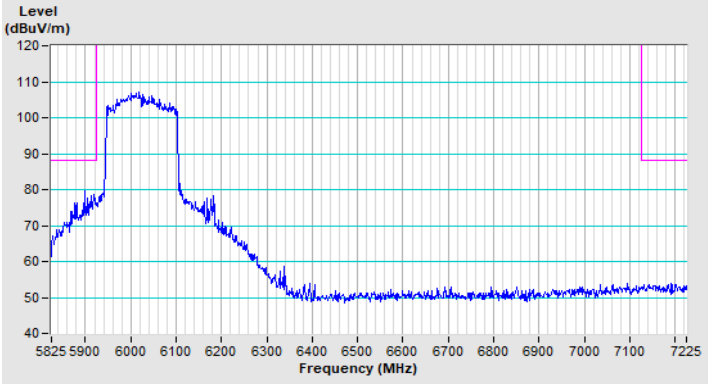
802.11ax (HE160) Channel 15



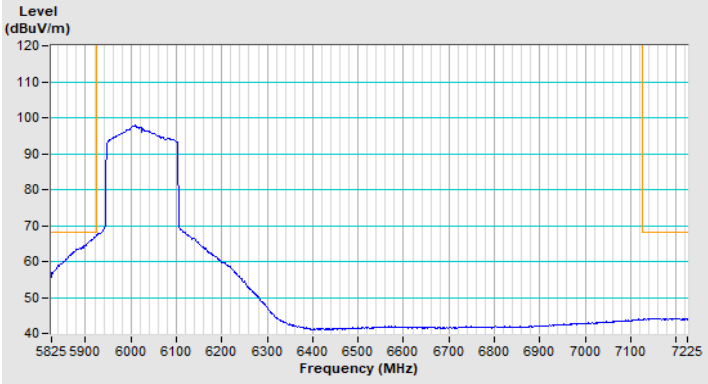
Horizontal (Peak)



Horizontal (Average)

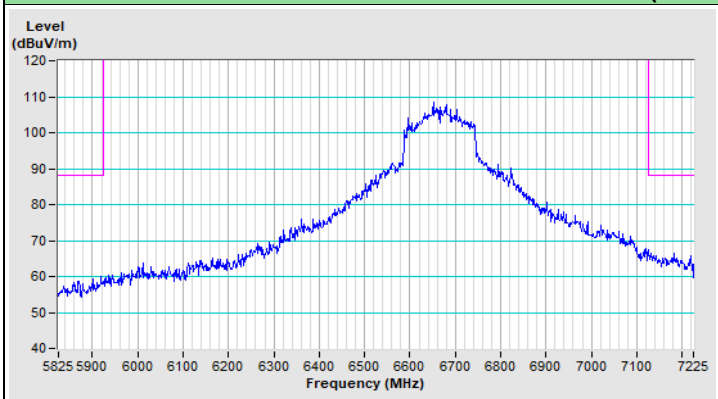


Vertical (Peak)

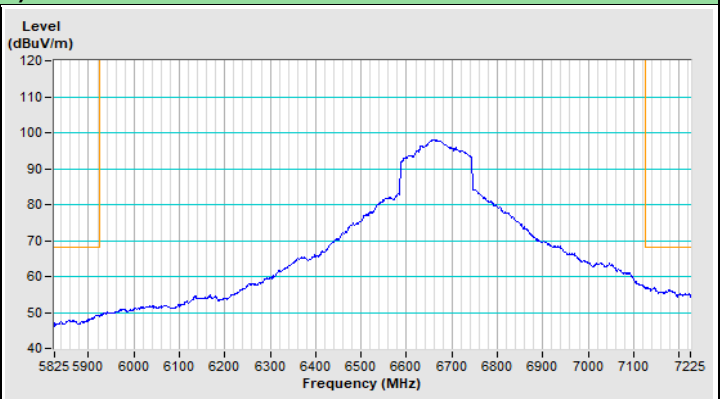


Vertical (Average)

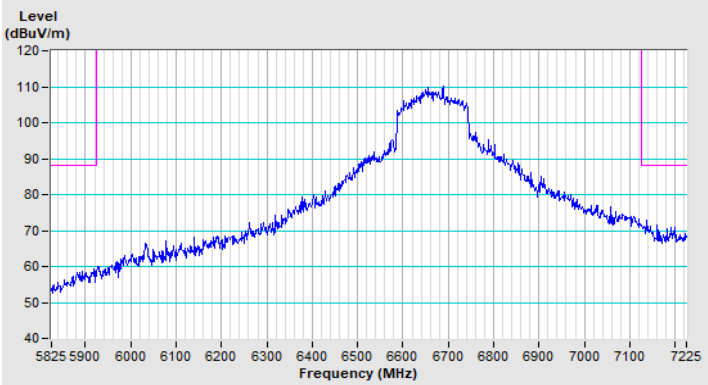
802.11ax (HE160) Channel 143



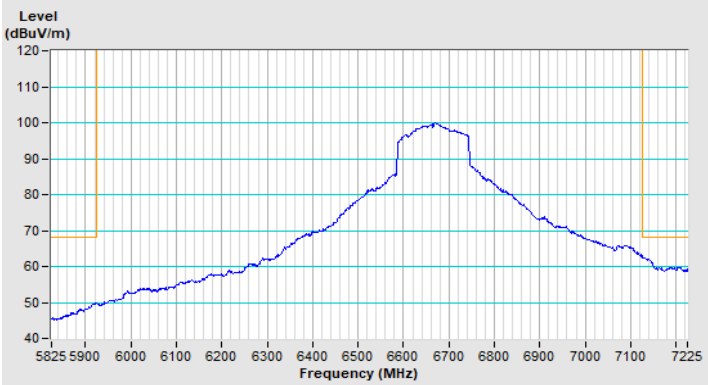
Horizontal (Peak)



Horizontal (Average)

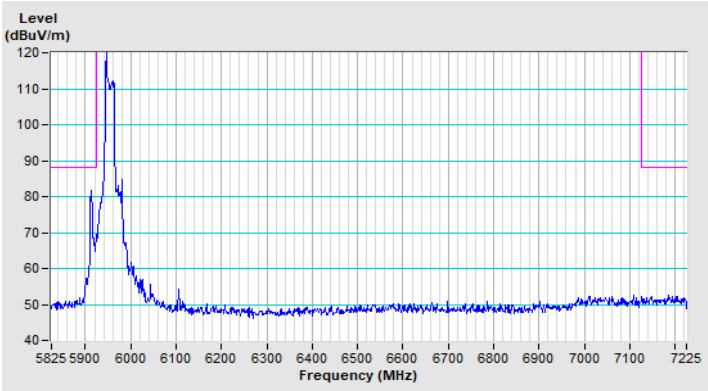


Vertical (Peak)

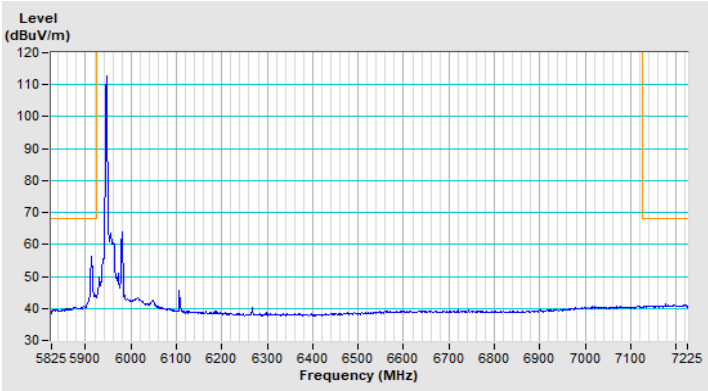


Vertical (Average)

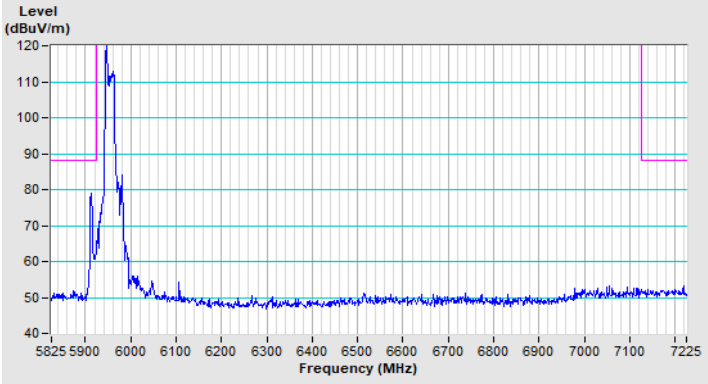
20 MHz Preamble 802.11ax (RU26) Channel 1



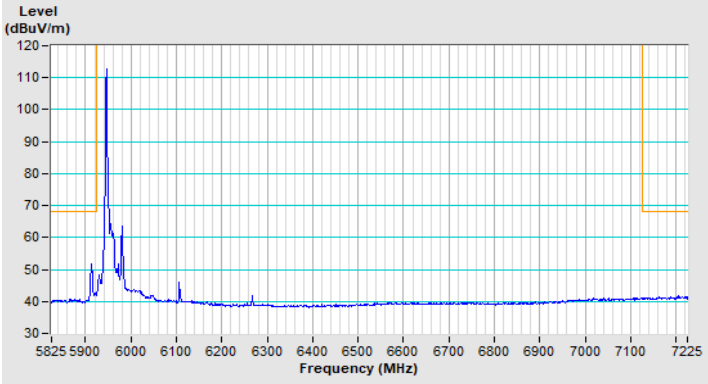
Horizontal (Peak)



Horizontal (Average)

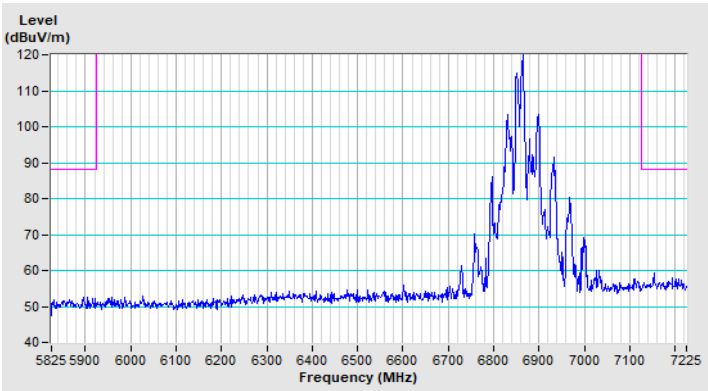


Vertical (Peak)

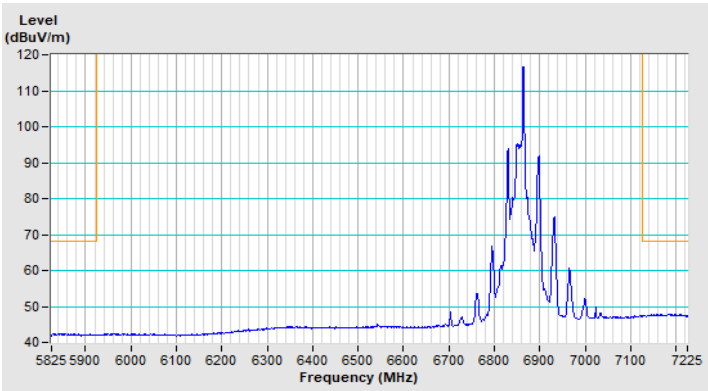


Vertical (Average)

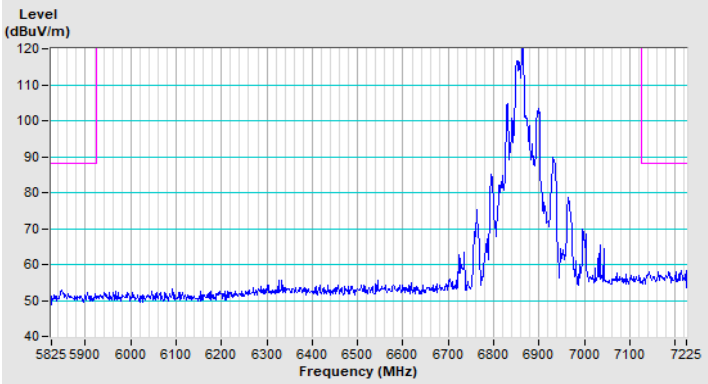
20 MHz Preamble 802.11ax (RU26) Channel 181



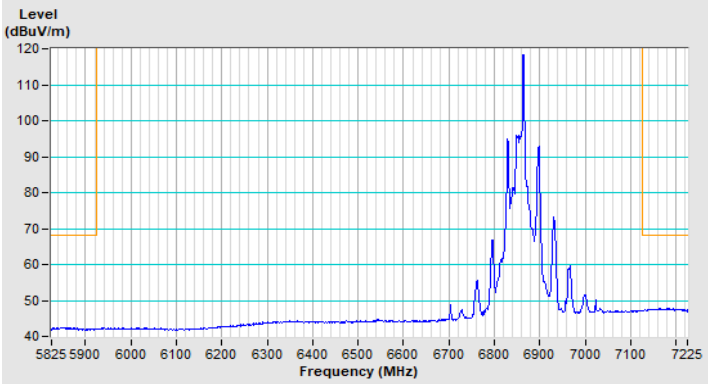
Horizontal (Peak)



Horizontal (Average)

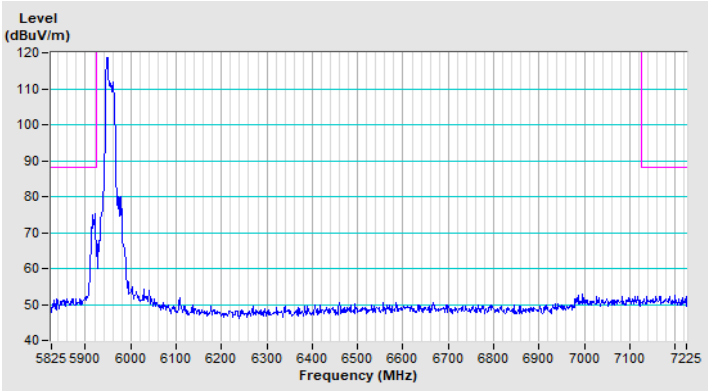


Vertical (Peak)

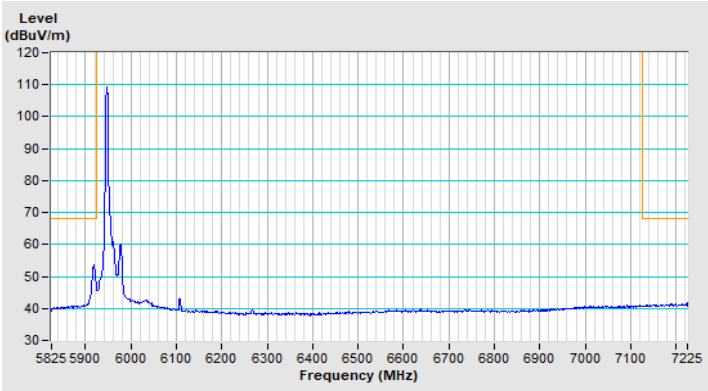


Vertical (Average)

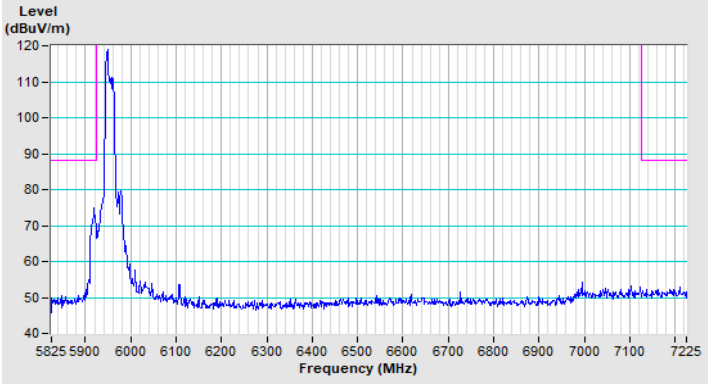
20 MHz Preamble 802.11ax (RU52) Channel 1



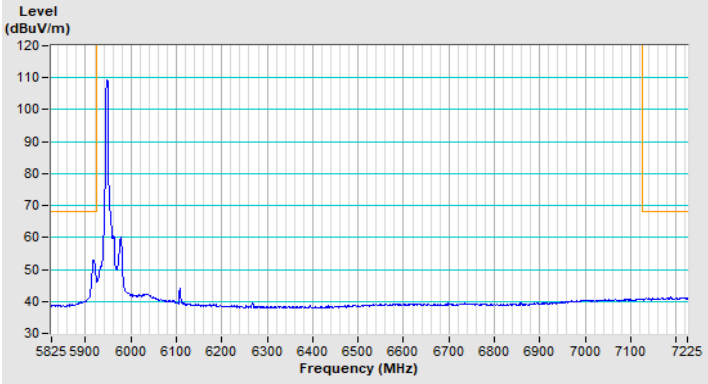
Horizontal (Peak)



Horizontal (Average)

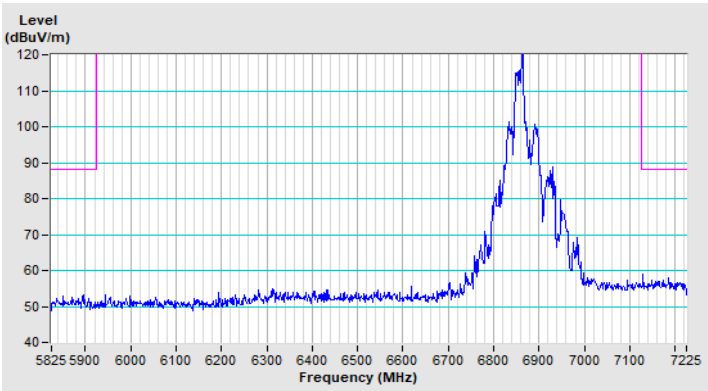


Vertical (Peak)

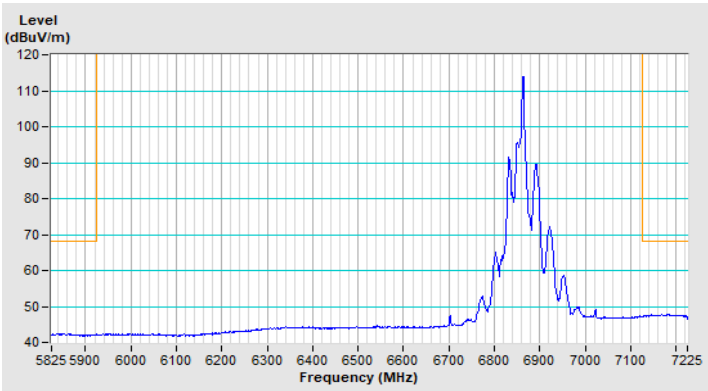


Vertical (Average)

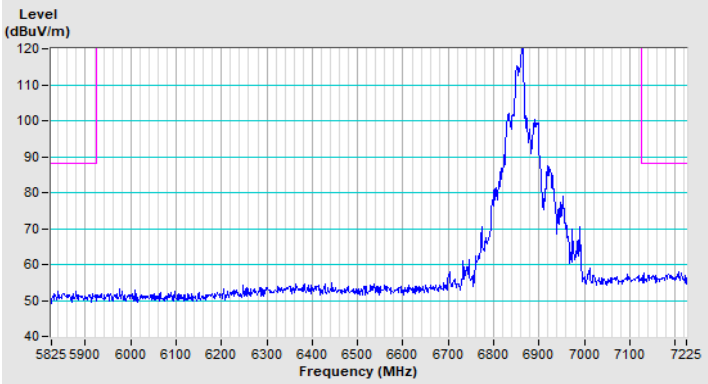
20 MHz Preamble 802.11ax (RU52) Channel 181



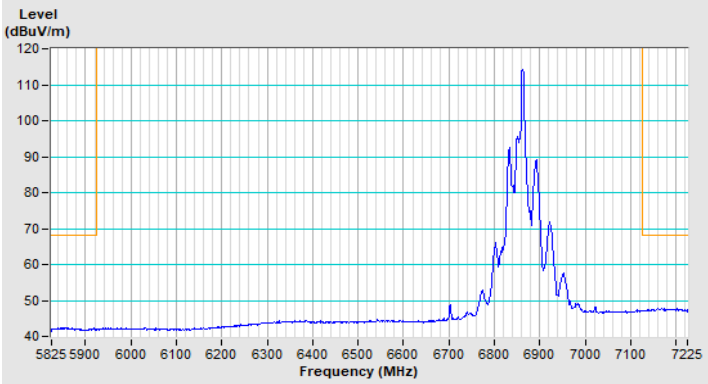
Horizontal (Peak)



Horizontal (Average)

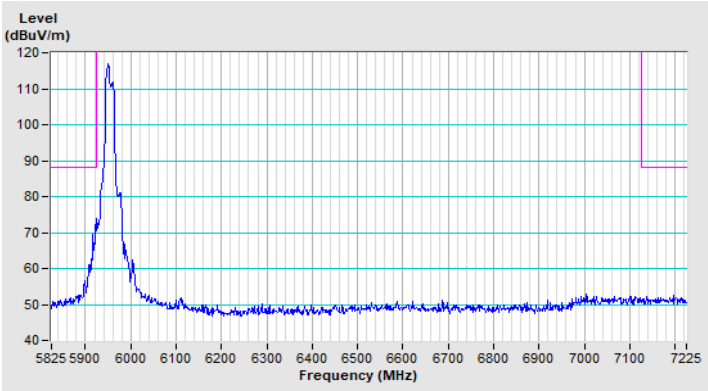


Vertical (Peak)

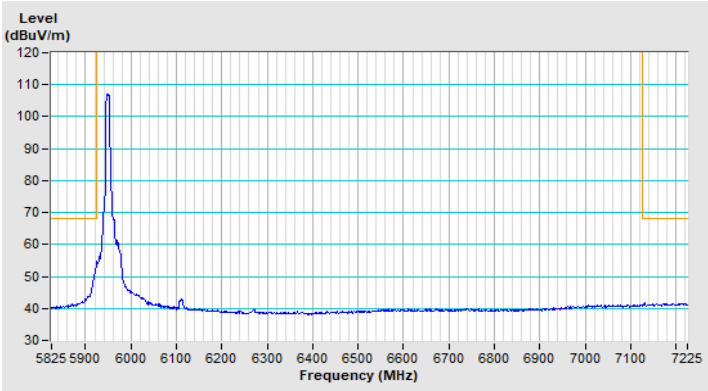


Vertical (Average)

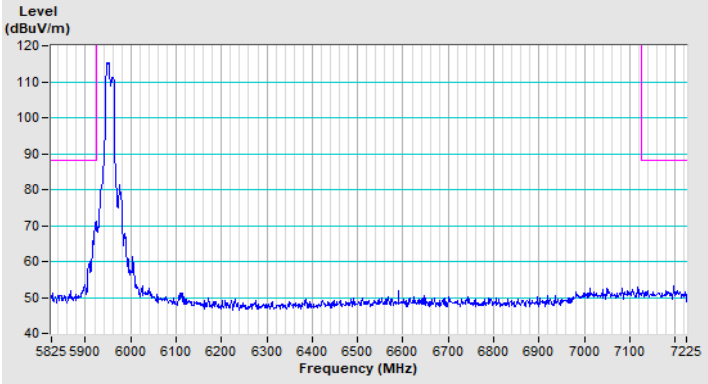
20 MHz Preamble 802.11ax (RU106) Channel 1



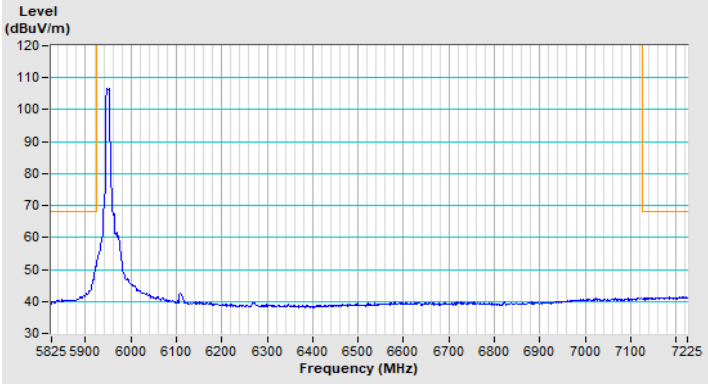
Horizontal (Peak)



Horizontal (Average)

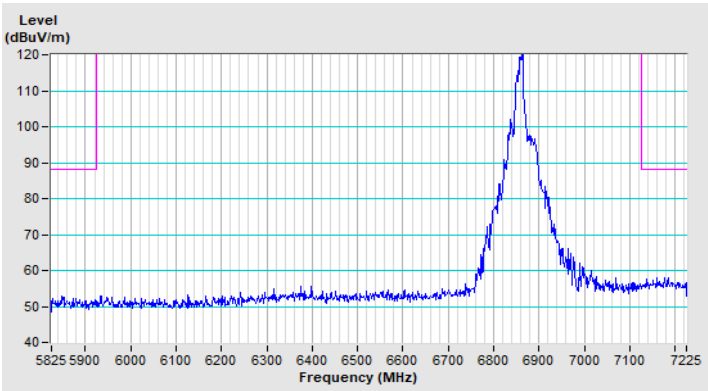


Vertical (Peak)

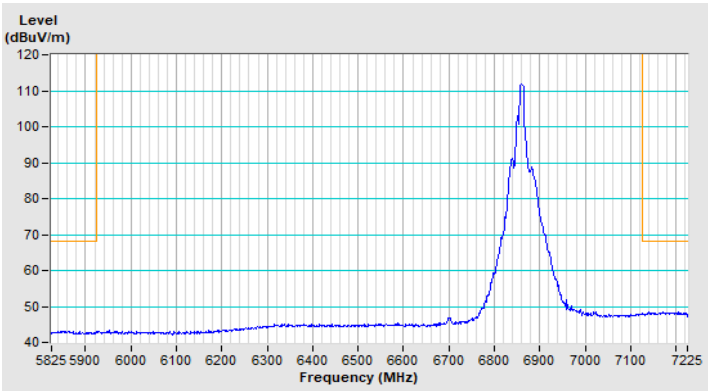


Vertical (Average)

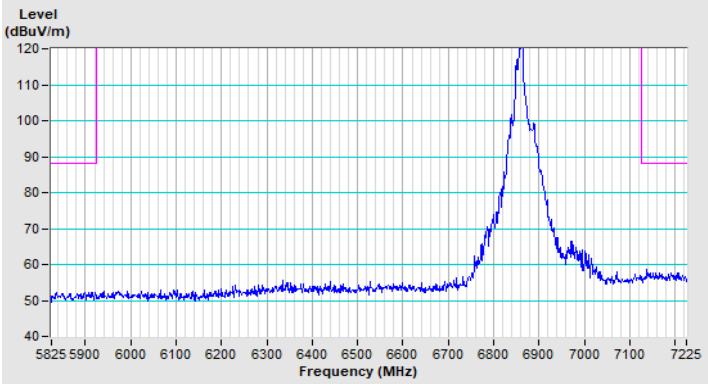
20 MHz Preamble 802.11ax (RU106) Channel 181



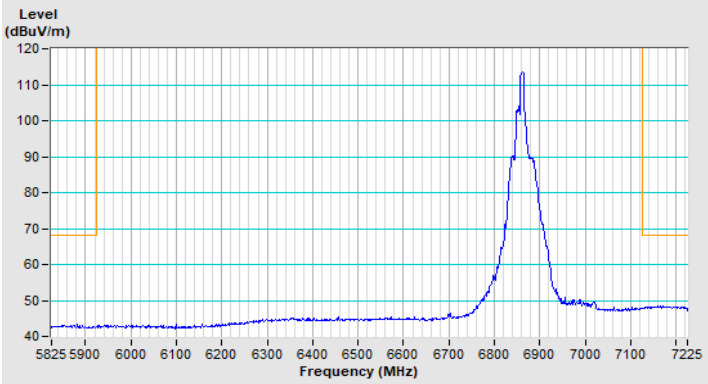
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)



Vertical (Average)

8 Operational Restrictions for 6 GHz U-NII Devices

(1) Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

(2) Transmitters operating under indoor client are limited to indoor locations.

(3) In the 5.925-7.125 GHz band, client devices must operate under the control of a standard power access point, indoor access point or subordinate devices; In all cases, an exception exists for transmitting brief messages to an access point when attempting to join its network after detecting a signal that confirms that an access point is operating on a particular channel. Client devices are prohibited from connecting directly to another client device.

(4) Dual client devices operating in the 5.925-7.125 GHz band must employ a contention-based protocol.

Device is a Client Device (controlled of an standard power AP), all restrictions are meet the §15.407 (d) requirements. Please refer to the Attestation letter exhibit supplied within this application.

9 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

Appendix. SKU2/SKU3/SKU4 Spot check.

9.1 RF Output Power

Diversity version B

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	228.56	23.59	4.76	683.912	28.35	30	Pass
45	6175	252.93	24.03	4.76	756.833	28.79	30	Pass
93	6415	264.241	24.22	4.76	790.679	28.98	30	Pass
117	6535	235.505	23.72	4.61	680.77	28.33	30	Pass
149	6695	296.483	24.72	4.61	857.037	29.33	30	Pass
181	6855	285.759	24.56	4.61	826.038	29.17	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

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
1	5955	212.324	23.27	4.76	635.33	28.03	30	Pass
45	6175	258.226	24.12	4.76	772.681	28.88	30	Pass
93	6415	284.446	24.54	4.76	851.138	29.3	30	Pass
117	6535	246.037	23.91	4.61	711.214	28.52	30	Pass
149	6695	283.792	24.53	4.61	820.352	29.14	30	Pass
181	6855	278.612	24.45	4.61	805.378	29.06	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

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
3	5965	126.474	21.02	4.76	378.444	25.78	30	Pass
43	6165	279.898	24.47	4.76	837.529	29.23	30	Pass
91	6405	289.734	24.62	4.76	866.961	29.38	30	Pass
123	6565	271.019	24.33	4.61	783.429	28.94	30	Pass
155	6725	253.513	24.04	4.61	732.825	28.65	30	Pass
179	6845	291.743	24.65	4.61	843.336	29.26	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

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
7	5985	103.514	20.15	4.76	309.741	24.91	30	Pass
39	6145	290.402	24.63	4.76	868.96	29.39	30	Pass
87	6385	262.422	24.19	4.76	785.236	28.95	30	Pass
135	6625	231.739	23.65	4.61	669.883	28.26	30	Pass
151	6705	272.27	24.35	4.61	787.045	28.96	30	Pass
167	6785	232.274	23.66	4.61	671.43	28.27	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
15	6025	111.686	20.48	4.76	334.194	25.24	30	Pass
47	6185	145.546	21.63	4.76	435.512	26.39	30	Pass
79	6345	132.13	21.21	4.76	395.368	25.97	30	Pass
143	6665	156.675	21.95	4.61	452.897	26.56	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	34.594	15.39	4.76	103.514	20.15	30	Pass
181	6855	35.81	15.54	4.61	103.515	20.15	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	66.527	18.23	4.76	199.066	22.99	30	Pass
181	6855	68.234	18.34	4.61	197.243	22.95	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 106-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	135.831	21.33	4.76	406.442	26.09	30	Pass
181	6855	153.109	21.85	4.61	442.589	26.46	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

1 TX only version A

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	231.739	23.65	4.76	693.424	28.41	30	Pass
45	6175	255.859	24.08	4.76	765.598	28.84	30	Pass
93	6415	267.917	24.28	4.76	801.679	29.04	30	Pass
117	6535	238.781	23.78	4.61	690.239	28.39	30	Pass
149	6695	299.916	24.77	4.61	866.961	29.38	30	Pass
181	6855	289.734	24.62	4.61	837.528	29.23	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

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
1	5955	215.278	23.33	4.76	644.169	28.09	30	Pass
45	6175	261.818	24.18	4.76	783.429	28.94	30	Pass
93	6415	288.403	24.60	4.76	862.978	29.36	30	Pass
117	6535	248.886	23.96	4.61	719.45	28.57	30	Pass
149	6695	287.74	24.59	4.61	831.764	29.2	30	Pass
181	6855	283.792	24.53	4.61	820.352	29.14	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

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
3	5965	128.233	21.08	4.76	383.707	25.84	30	Pass
43	6165	283.792	24.53	4.76	849.181	29.29	30	Pass
91	6405	293.765	24.68	4.76	879.023	29.44	30	Pass
123	6565	274.789	24.39	4.61	794.327	29	30	Pass
155	6725	257.04	24.10	4.61	743.02	28.71	30	Pass
179	6845	296.483	24.72	4.61	857.037	29.33	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

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
7	5985	104.954	20.21	4.76	314.05	24.97	30	Pass
39	6145	293.089	24.67	4.76	877	29.43	30	Pass
87	6385	266.073	24.25	4.76	796.161	29.01	30	Pass
135	6625	234.963	23.71	4.61	679.203	28.32	30	Pass
151	6705	276.058	24.41	4.61	797.995	29.02	30	Pass
167	6785	235.505	23.72	4.61	680.77	28.33	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
15	6025	111.944	20.49	4.76	334.966	25.25	30	Pass
47	6185	146.893	21.67	4.76	439.543	26.43	30	Pass
79	6345	133.968	21.27	4.76	400.868	26.03	30	Pass
143	6665	159.221	22.02	4.61	460.257	26.63	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	34.914	15.43	4.76	104.472	20.19	30	Pass
181	6855	35.645	15.52	4.61	103.038	20.13	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	66.988	18.26	4.76	200.446	23.02	30	Pass
181	6855	68.077	18.33	4.61	196.789	22.94	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 106-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	142.889	21.55	4.76	427.562	26.31	30	Pass
181	6855	152.405	21.83	4.61	440.554	26.44	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

1 TX only version B

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	212.324	23.27	4.76	635.33	28.03	30	Pass
45	6175	235.505	23.72	4.76	704.693	28.48	30	Pass
93	6415	246.604	23.92	4.76	737.904	28.68	30	Pass
117	6535	219.786	23.42	4.61	635.331	28.03	30	Pass
149	6695	276.694	24.42	4.61	799.834	29.03	30	Pass
181	6855	266.686	24.26	4.61	770.904	28.87	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

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
1	5955	198.153	22.97	4.76	592.926	27.73	30	Pass
45	6175	240.991	23.82	4.76	721.109	28.58	30	Pass
93	6415	265.461	24.24	4.76	794.33	29	30	Pass
117	6535	229.615	23.61	4.61	663.743	28.22	30	Pass
149	6695	264.85	24.23	4.61	765.597	28.84	30	Pass
181	6855	260.016	24.15	4.61	751.623	28.76	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

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
3	5965	117.761	20.71	4.76	352.372	25.47	30	Pass
43	6165	261.216	24.17	4.76	781.627	28.93	30	Pass
91	6405	269.774	24.31	4.76	807.235	29.07	30	Pass
123	6565	252.93	24.03	4.61	731.14	28.64	30	Pass
155	6725	236.048	23.73	4.61	682.339	28.34	30	Pass
179	6845	272.27	24.35	4.61	787.045	28.96	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

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
7	5985	96.605	19.85	4.76	289.068	24.61	30	Pass
39	6145	271.019	24.33	4.76	810.961	29.09	30	Pass
87	6385	244.906	23.89	4.76	732.824	28.65	30	Pass
135	6625	216.272	23.35	4.61	625.173	27.96	30	Pass
151	6705	253.513	24.04	4.61	732.825	28.65	30	Pass
167	6785	216.77	23.36	4.61	626.613	27.97	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
15	6025	109.901	20.41	4.76	328.853	25.17	30	Pass
47	6185	135.207	21.31	4.76	404.575	26.07	30	Pass
79	6345	123.31	20.91	4.76	368.976	25.67	30	Pass
143	6665	145.211	21.62	4.61	419.759	26.23	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	33.963	15.31	4.76	101.626	20.07	30	Pass
181	6855	34.356	15.36	4.61	99.312	19.97	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	65.615	18.17	4.76	196.337	22.93	30	Pass
181	6855	66.374	18.22	4.61	191.866	22.83	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 106-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	134.276	21.28	4.76	401.789	26.04	30	Pass
181	6855	147.571	21.69	4.61	426.581	26.3	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

9.2 Power Spectral Density

Diversity version B

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.46	4.76	15.22	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.15	4.76	14.91	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
3	5965	5.03	0.16	5.19	4.76	9.95	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
7	5985	1.12	0.11	1.23	4.76	5.99	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
15	6025	-1.33	0.2	-1.13	4.76	3.63	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.02	1.21	11.23	4.76	15.99	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.2	1.36	11.56	4.76	16.32	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 106-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.13	1.53	11.66	4.76	16.42	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi