TEST REPORT

CERTIFICATE OF CONFORMITY

Standard:	**47 CFR FCC Part 15, Subpart E (Section 15.407)**
Report No.:	RFBBUI-WTW-P22031043-1
FCC ID:	TX2-RTL8852B
Model No.:	RTL8852B
Received Date:	2022/3/24
Test Date:	2022/5/11 ~ 2022/7/6
Issued Date:	2022/8/23
Applicant:	Realtek Semiconductor Corp.
Address:	No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
Lab Address:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
Test Location:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
FCC Registration / Designation Number:	723255 / TW2022

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

May Chen / Manager

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Prepared by : Vivian Huang / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBBUI-WTW-P22031043-1	Original release.	2022/8/23

1 Certificate

Product:	11ax RTL8852B M.2 1216 Combo module
Brand:	REALTEK
Test Model:	RTL8852B
Sample Status:	Engineering sample
Applicant:	Realtek Semiconductor Corp.
Test Date:	2022/5/11 ~ 2022/7/6
Standard:	47 CFR FCC Part 15, Subpart E (Section 15.407)
Measurement procedure:	ANSI C63.10-2013 KDB 789033 D02 General UNII Test Procedure New Rules v02r01 KDB 662911 D01 Multiple Transmitter Output v02r01

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

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Clause	Test Item	Result	Remark
15.407(a)(2)	26 dB Bandwidth	Pass	For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.
15.407(a)(1/2/3)	RF Output Power	Pass	Meet the requirement of limit.
15.407(a)(1/2/3)	Power Spectral Density	Pass	Meet the requirement of limit.
15.407(e)	6 dB Bandwidth	Pass	Meet the requirement of limit. (U-NII-3 Band only)
---	Occupied Bandwidth	-	Reference only.
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.407(b)(9)	AC Power Conducted Emissions	Pass	Minimum passing margin is -13.38 dB at 25.87109 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -3.4 dB at 235.25 MHz
15.407(b) (1/2/3/4(i)/10)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -1.5 dB at 5137.90, 5150.00, 5350.00, 5354.60, 5466.00, 5466.40, 5467.00, 5470.00, 5725.00, 5850.00, 5928.69 MHz
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF) not a standard connector.

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

2.1 Measurement Uncertainty

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

Measurement	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	5.1 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	11ax RTL8852B M.2 1216 Combo module
Brand	REALTEK
Test Model	RTL8852B
Status of EUT	Engineering sample
Power Supply Rating	3.3Vdc from host equipment
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode 1024QAM for OFDMA in 11ax mode
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: up to 54 Mbps 802.11n: up to 300 Mbps 802.11ac: up to 866.7 Mbps 802.11ax: up to 1201.0 Mbps
Operating Frequency	5180 ~ 5240 MHz 5260 ~ 5320 MHz 5500 ~ 5720 MHz 5745 ~ 5825 MHz
Number of Channel	802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 25 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 12 802.11ac (VHT80), 802.11ax (HE80): 6
Output Power	**For 1TX** 5180 ~ 5240 MHz : 174.985 mW (22.43 dBm) 5260 ~ 5320 MHz : 176.198 mW (22.46 dBm) 5500 ~ 5720 MHz : 174.582 mW (22.42 dBm) 5745 ~ 5825 MHz : 175.388 mW (22.44 dBm) **For 2TX** **CDD Mode:** 5180 ~ 5240 MHz : 243.863 mW (23.87 dBm) 5260 ~ 5320 MHz : 236.14 mW (23.73 dBm) 5500 ~ 5720 MHz : 242.406 mW (23.85 dBm) 5745 ~ 5825 MHz : 351.18 mW (25.46 dBm) **Beamforming Mode:** 5180 ~ 5240 MHz : 156.146 mW (21.94 dBm) 5260 ~ 5320 MHz : 155.787 mW (21.93 dBm) 5500 ~ 5720 MHz : 153.875 mW (21.87 dBm) 5745 ~ 5825 MHz : 351.18 mW (25.46 dBm)
EUT Category	Client device

Note:

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

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

2. Simultaneously transmission condition.

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

3. The 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.

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

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

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

2. The EUT incorporates a MIMO function:

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

Note:
1. All of modulation mode support beamforming function except 802.11a modulation mode.
2. The EUT support Beamforming and CDD mode, therefore both mode were investigated and the worst case scenario was identified. The worst case data were presented in test report.
3. The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz), 802.11ac mode for 20MHz (40MHz, 80MHz) and 802.11ax mode for 20MHz (40MHz, 80MHz), therefore the manufacturer will control the power for 802.11n/ac mode is the same as the 802.11ax or more lower than it and investigated worst case to representative mode in test report.

3.3 Channel List

FOR 5180 ~ 5320 MHz

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

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

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

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

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

Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz

FOR 5500 ~ 5720 MHz

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

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

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

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

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

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

FOR 5745 ~ 5825 MHz:

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

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

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

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

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

Channel	Frequency
155	5775 MHz

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. EUT has the following interfaces: PCIe+USB interface/PCIe+UART interface. These interfaces are pre-scanned for worst-case scenarios as representative test conditions. 2. PIFA ANT can be used in the following ways: X / Y / Z axis. Pre-scan in these ways and find the worst case as a representative test condition. 3. For Partial RU modes of 20MHz,40MHz and 80MHz bandwidth needs to be pre-worst. 4. The EUT has two antennas, one of mode is single-antenna transmission: Chain0/Chain1. Prescan in these ways to find the worst case as a representative test condition.
Worst Case:	1. EUT with Laptop interfaces Worst Condition: Unwanted Emissions below 1 GHz PCIe+UART interface worst ;Unwanted Emissions above 1 GHz PCIe+USB interface worst ; AC Power Conducted Emissions PCIe+UART interface worst. 2. PIFA ANT the worst case was found when positioned on (X / Y / Z axis): X 3. The worst case occurs in 20MHz bandwidth(partial RU 26/52/106). 4. Chain0/Chain1 single-antenna transmission Worst Condition: Chain0 5. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

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

Test Item	EUT Configure Mode	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter	RU Configuration
AC Power Conducted Emissions	D	802.11ax (HE20)	CDD	149	BPSK	MCS0	-
Unwanted Emissions below 1 GHz	A, B	802.11ax (HE20)	CDD	40	BPSK	MCS0	-
	C, D	802.11ax (HE20)	CDD	149	BPSK	MCS0	-
Unwanted Emissions above 1 GHz	A, B, C, D	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s	-
		802.11ax (HE20)	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	-
		802.11ax (HE40)	CDD	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0	-
		802.11ax (HE80)	CDD	42, 58, 106, 122, 138, 155	BPSK	MCS0	-
		802.11ax (HE20) RU26	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	26/0, 26/4, 26/8, 26/0, 26/4, 26/8, 26/0, 26/4, 26/8, 26/8, 26/0, 26/4, 26/8
		802.11ax (HE20) RU52	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	52/37, 52/39, 52/40, 52/37, 52/39, 52/40, 52/37, 52/39, 52/40, 52/40,52/37, 52/39, 52/40
		802.11ax (HE20) RU106	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	106/53, 106/53, 106/54, 106/53, 106/54, 106/54, 106/53, 106/53, 106/54, 106/54, 106/53, 106/54, 106/54

Test Item	EUT Configure Mode	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter	RU Configuration
RF Output Power	E, F	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s	-
		802.11ac (VHT20)	CDD & Beamforming	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	-
		802.11ac (VHT40)	CDD & Beamforming	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0	-
		802.11ac (VHT80)	CDD & Beamforming	42, 58, 106, 122, 138, 155	BPSK	MCS0	-
		802.11ax (HE20)	CDD & Beamforming	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	-
		802.11ax (HE40)	CDD & Beamforming	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0	-
		802.11ax (HE80)	CDD & Beamforming	42, 58, 106, 122, 138, 155	BPSK	MCS0	-
		802.11ax (HE20) RU26	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	26/0, 26/4, 26/8, 26/0, 26/4, 26/8, 26/0, 26/4, 26/8, 26/8, 26/0, 26/4, 26/8
		802.11ax (HE20) RU52	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	52/37, 52/39, 52/40, 52/37, 52/39, 52/40, 52/37, 52/39, 52/40, 52/40,52/37, 52/39, 52/40

Test Item	EUT Configure Mode	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter	RU Configuration
		802.11ax (HE20) RU106	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	106/53, 106/53, 106/54, 106/53, 106/54, 106/54, 106/53, 106/53, 106/54, 106/54, 106/53, 106/54, 106/54
Power Spectral Density / Occupied Bandwidth	E, F	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s	-
		802.11ax (HE20)	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	-
		802.11ax (HE40)	CDD	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0	-
		802.11ax (HE80)	CDD	42, 58, 106, 122, 138, 155	BPSK	MCS0	-
		802.11ax (HE20) RU26	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	26/0, 26/4, 26/8, 26/0, 26/4, 26/8, 26/0, 26/4, 26/8, 26/8, 26/0, 26/4, 26/8
		802.11ax (HE20) RU52	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	52/37, 52/39, 52/40, 52/37, 52/39, 52/40, 52/37, 52/39, 52/40, 52/40,52/37, 52/39, 52/40

Test Item	EUT Configure Mode	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter	RU Configuration
		802.11ax (HE20) RU106	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	106/53, 106/53, 106/54, 106/53, 106/54, 106/54, 106/53, 106/53, 106/54, 106/54, 106/53, 106/54, 106/54
26 dB Bandwidth	E, F	802.11a	CDD	52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s	-
		802.11ax (HE20)	CDD	52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	-
		802.11ax (HE40)	CDD	54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0	-
		802.11ax (HE80)	CDD	58, 106, 122, 138, 155	BPSK	MCS0	-
		802.11ax (HE20) RU26	CDD	52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	26/0, 26/4, 26/8, 26/0, 26/4, 26/8, 26/8, 26/0, 26/4, 26/8
		802.11ax (HE20) RU52	CDD	52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	52/37, 52/39, 52/40, 52/37, 52/39, 52/40, 52/40,52/37, 52/39, 52/40
		802.11ax (HE20) RU106	CDD	52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	106/53, 106/54, 106/54, 106/53, 106/53, 106/54, 106/54, 106/53, 106/54, 106/54
6 dB Bandwidth	E, F	802.11a	CDD	144 (U-NII-3 Band), 149, 157, 165	BPSK	6Mb/s	-

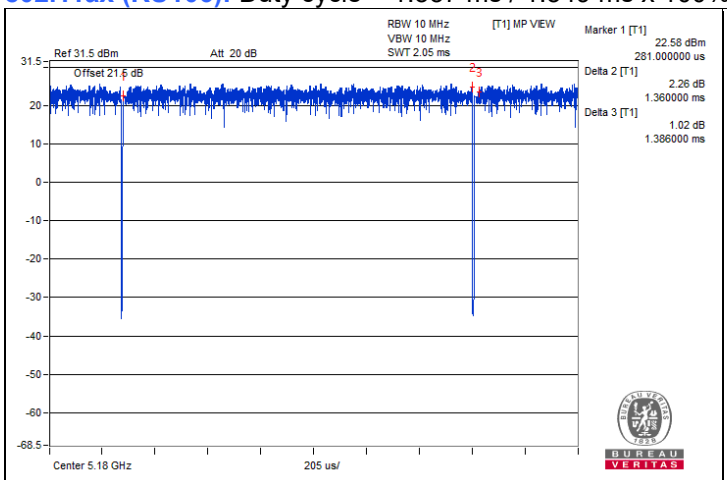
Test Item	EUT Configure Mode	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter	RU Configuration
		802.11ax (HE20)	CDD	144 (U-NII-3 Band), 149, 157, 165	BPSK	MCS0	-
		802.11ax (HE40)	CDD	142 (U-NII-3 Band), 151, 159	BPSK	MCS0	-
		802.11ax (HE80)	CDD	138 (U-NII-3 Band), 155	BPSK	MCS0	-
		802.11ax (HE20) RU26	CDD	144 (U-NII-3 Band), 149, 157, 165	BPSK	MCS0	26/8, 26/0, 26/4, 26/8
		802.11ax (HE20) RU52	CDD	144 (U-NII-3 Band), 149, 157, 165	BPSK	MCS0	52/40,52/37, 52/39, 52/40
		802.11ax (HE20) RU106	CDD	144 (U-NII-3 Band), 149, 157, 165	BPSK	MCS0	106/54, 106/53, 106/54, 106/54
Frequency Stability	E	802.11a	CDD	36	un-modulation	-	
EUT Configure Mode:	A	with 1Tx Dipole Antenna					
	B	with 1Tx PIFA Antenna					
	C	with 2Tx Dipole Antenna					
	D	with 2Tx PIFA Antenna					
	E	1Tx (Antenna Port)					
	F	2Tx (Antenna Port)					
Note: Both Ant 1Tx and 2Tx need to be fully tested.							

3.5 Duty Cycle of Test Signal

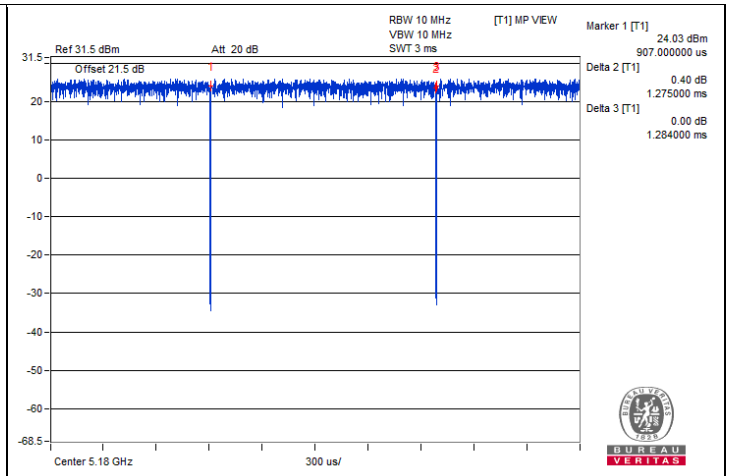
For 1TX

Duty cycle of test signal is >= 98 %, duty factor is not required.
Duty cycle of test signal is < 98 %, duty factor shall be considered.

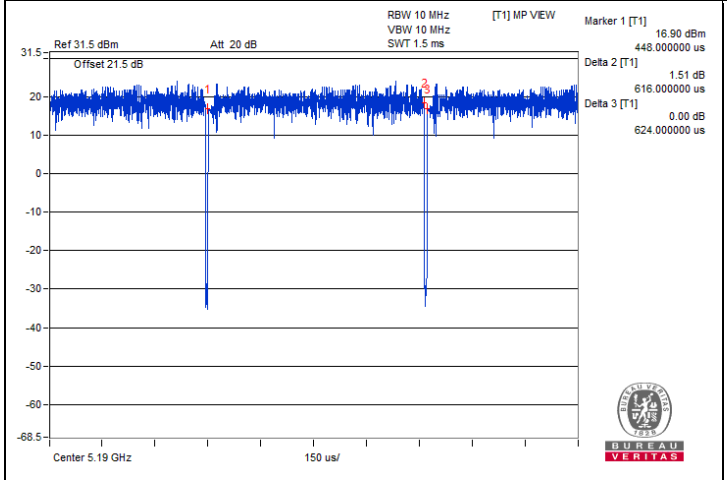
802.11a: Duty cycle = 1.36 ms / 1.386 ms x 100% = 98.1%
802.11ax (HE20): Duty cycle = 1.275 ms / 1.284 ms x 100% = 99.3%
802.11ax (HE40): Duty cycle = 0.616 ms / 0.624 ms x 100% = 98.7%
802.11ax (HE80): Duty cycle = 0.333 ms / 0.339 ms x 100% = 98.2%
802.11ax (RU26): Duty cycle = 5.43 ms / 5.468 ms x 100% = 99.3%
802.11ax (RU52): Duty cycle = 2.751 ms / 2.782 ms x 100% = 98.9%
802.11ax (RU106): Duty cycle = 1.337 ms / 1.349 ms x 100% = 99.1%



802.11a



802.11ax (HE20)



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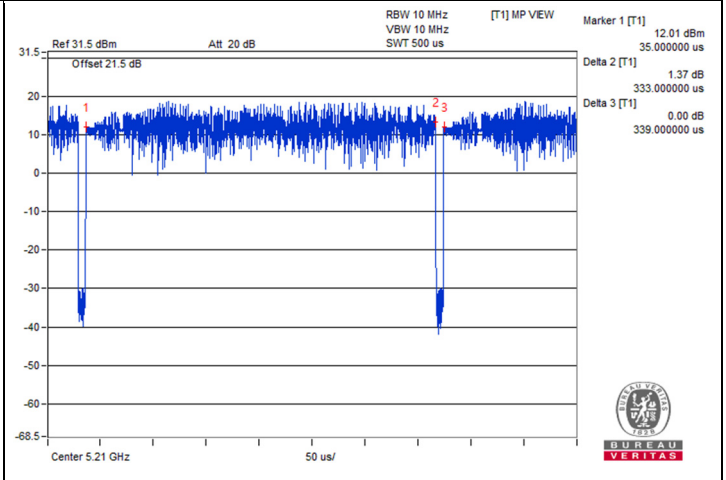

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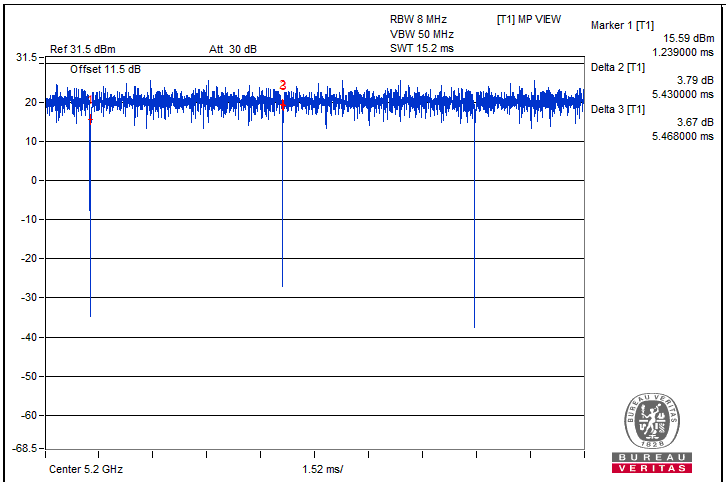
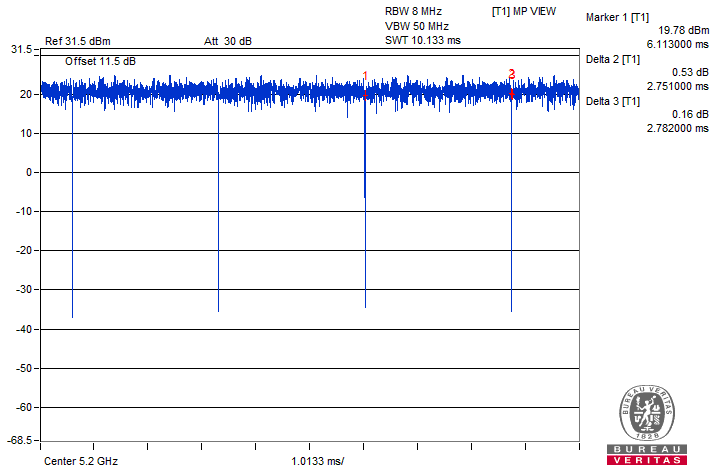
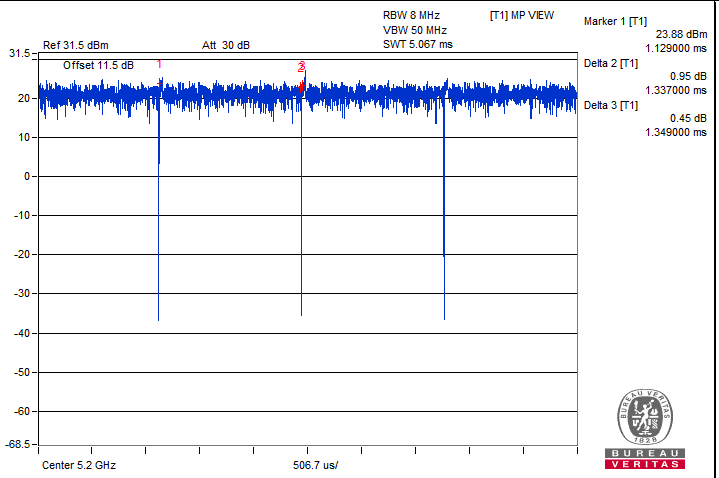


802.11ax (RU26)



802.11ax (RU52)

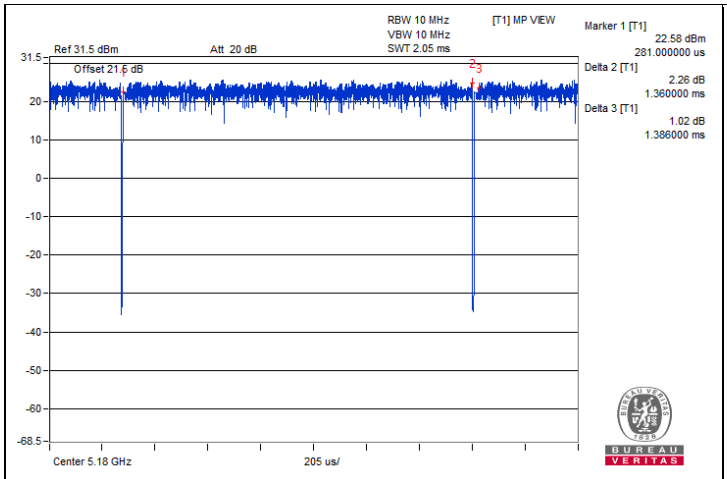


802.11ax (RU106)

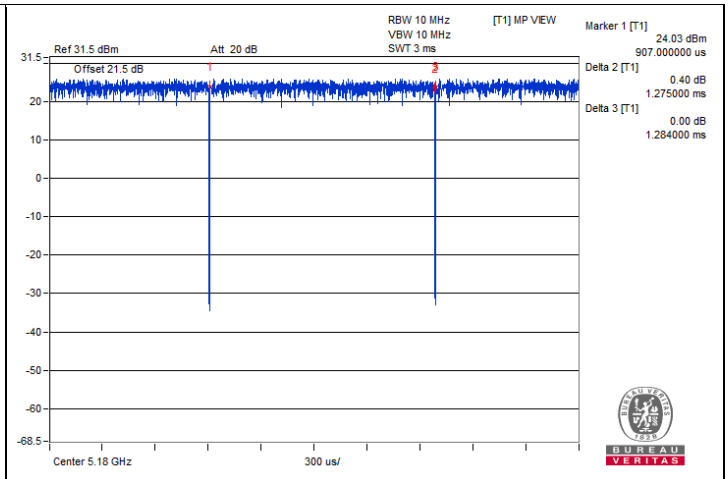
For 2TX

Duty cycle of test signal is >= 98 %, duty factor is not required.
Duty cycle of test signal is < 98 %, duty factor shall be considered.

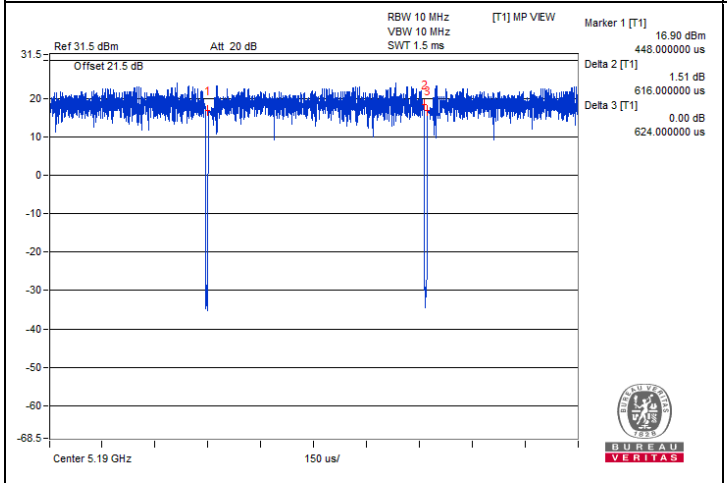
802.11a: Duty cycle = 1.36 ms / 1.386 ms x 100% = 98.1%
802.11ax (HE20): Duty cycle = 1.275 ms / 1.284 ms x 100% = 99.3%
802.11ax (HE40): Duty cycle = 0.616 ms / 0.624 ms x 100% = 98.7%
802.11ax (HE80): Duty cycle = 0.333 ms / 0.339 ms x 100% = 98.2%
802.11ax (RU26): Duty cycle = 5.43 ms / 5.468 ms x 100% = 99.3%
802.11ax (RU52): Duty cycle = 2.751 ms / 2.782 ms x 100% = 98.9%
802.11ax (RU106): Duty cycle = 1.337 ms / 1.349 ms x 100% = 99.1%



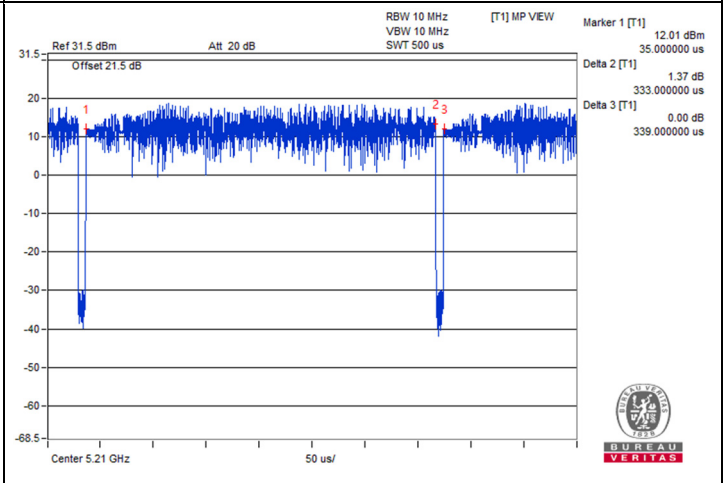
802.11a



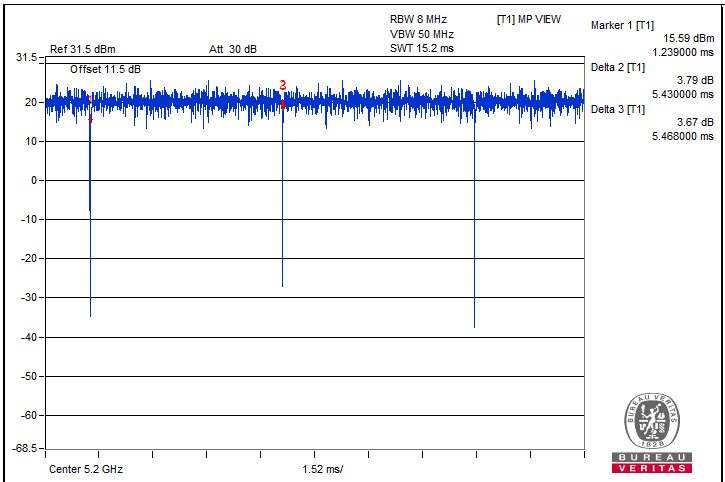
802.11ax (HE20)



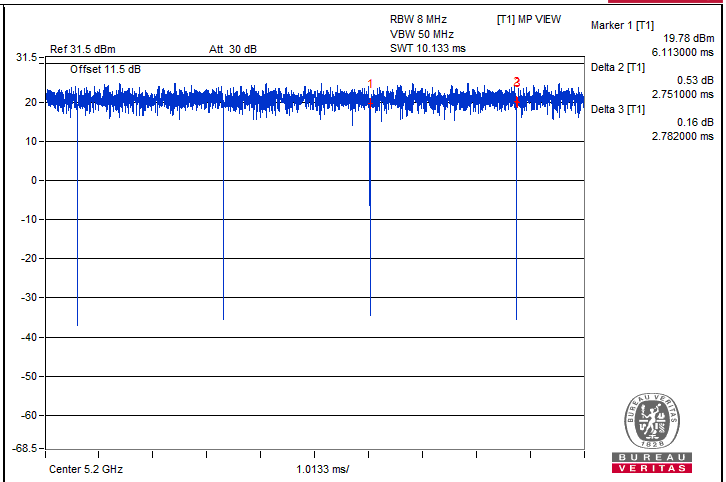
802.11ax (HE40)



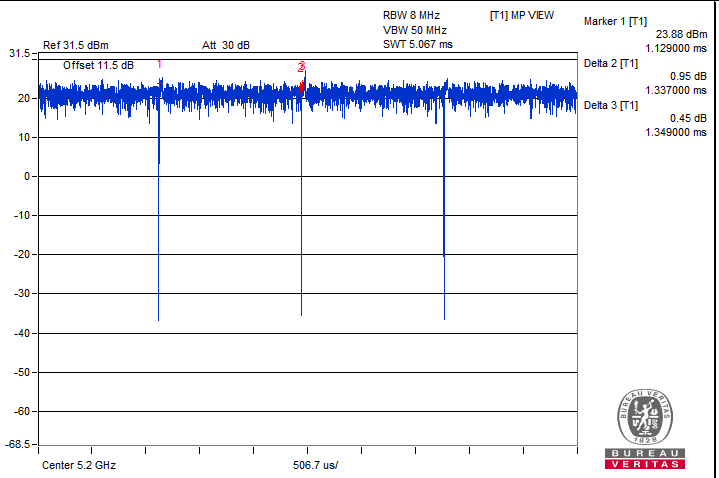
802.11ax (HE80)



802.11ax (RU26)



802.11ax (RU52)



802.11ax (RU106)

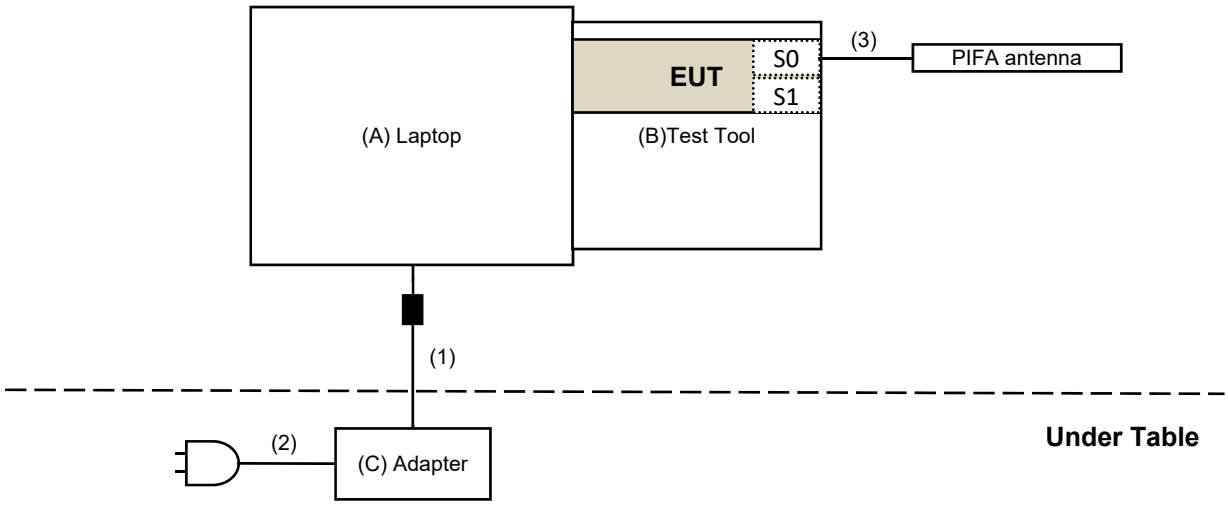
3.6 Test Program Used and Operation Descriptions

Controlling software (RTL8852B_PCIE_MP_Package_ALPHA_v1.0.44) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

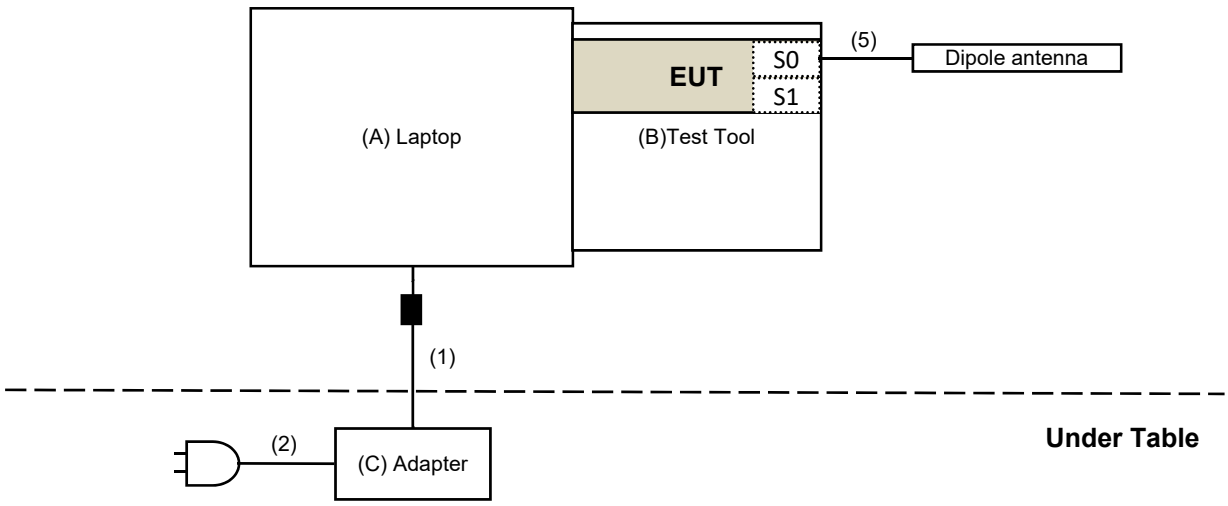
3.7 Connection Diagram of EUT and Peripheral Devices

For Unwanted Emission above 1 GHz test

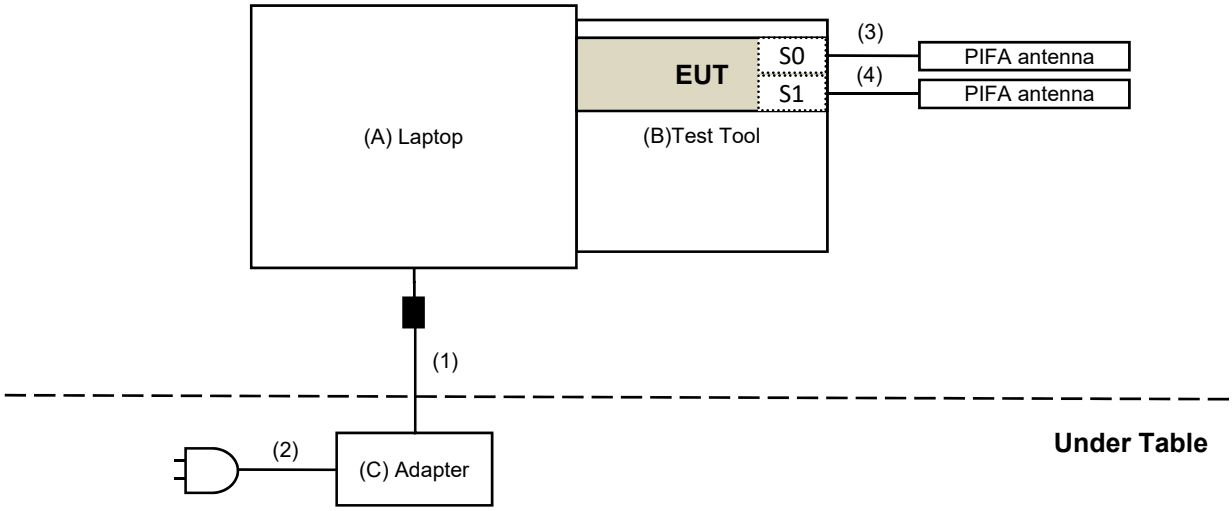
(PIFA antenna 1Tx 5G PCIe + USB interface + dual antenna port)



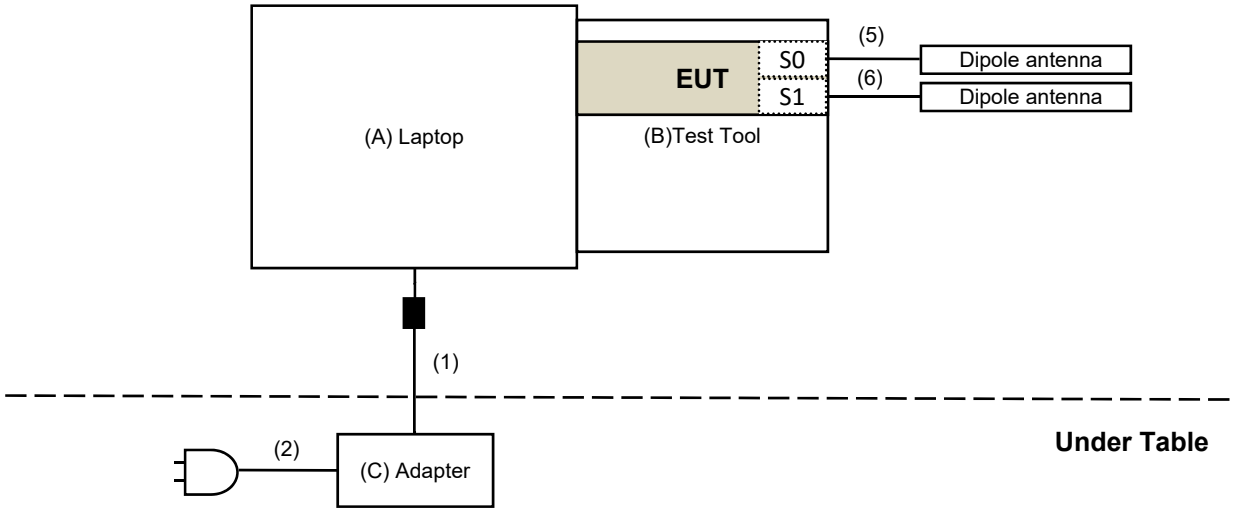
(Dipole antenna 1Tx 5G PCIe + USB interface + dual antenna port)



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

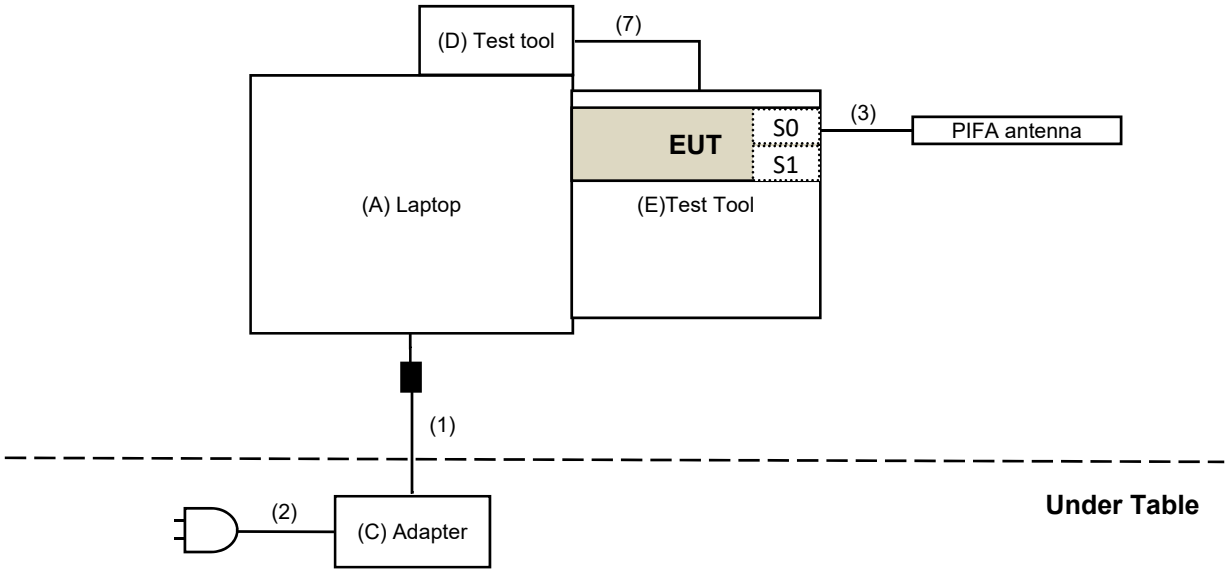


(Dipole antenna 2Tx PCIe + USB interface + dual antenna port)

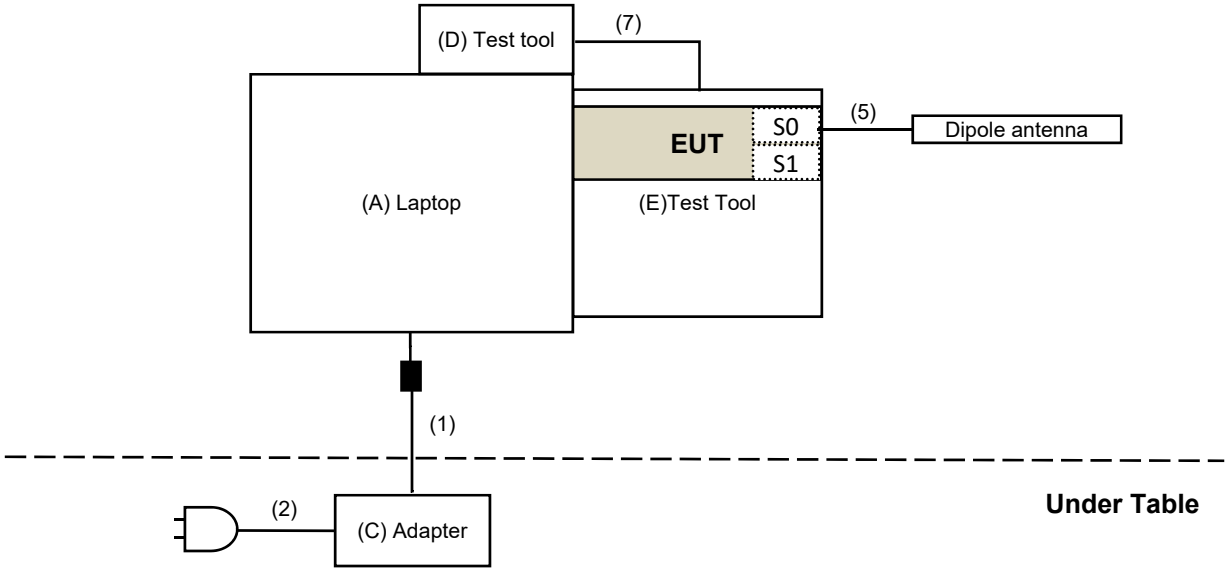


For Unwanted Emission below 1 GHz test

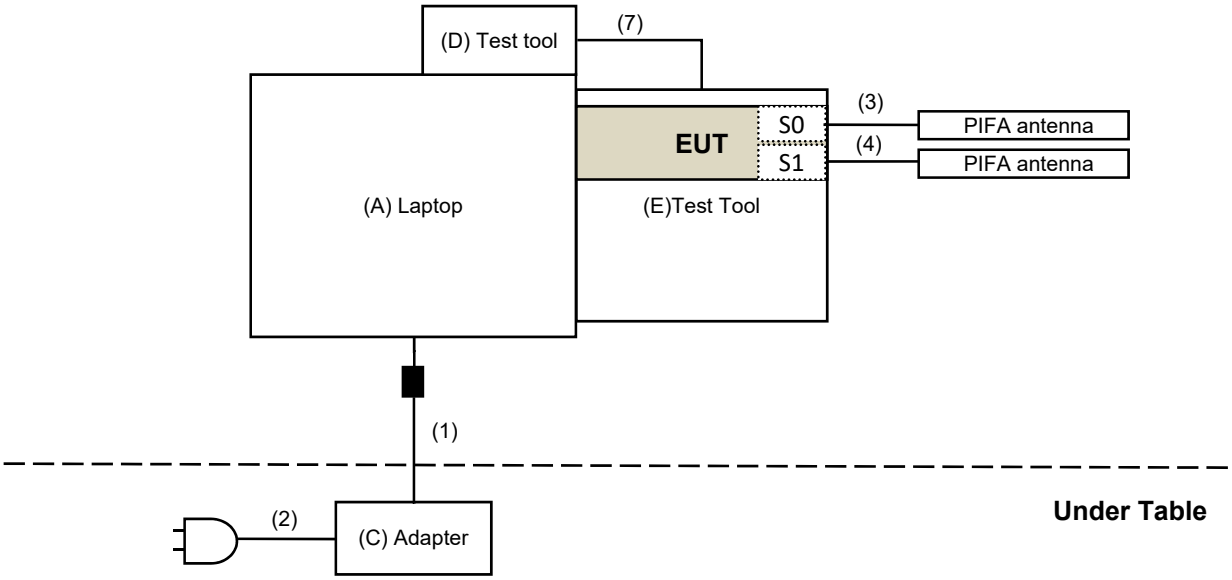
(PIFA antenna 1Tx 5G PCIe + UART interface + dual antenna port)



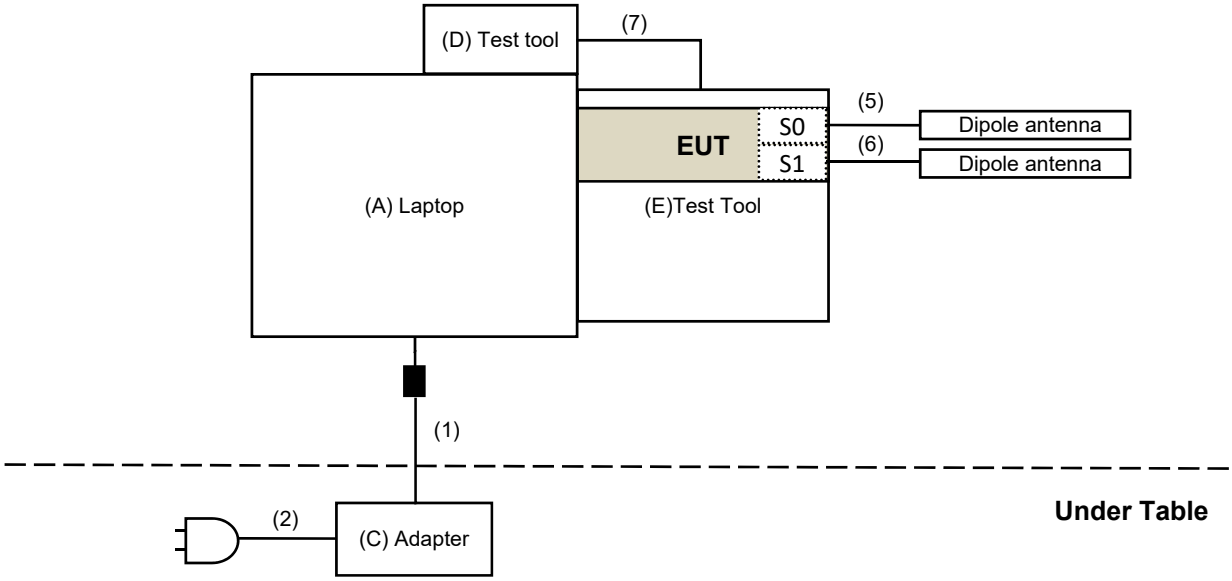
(Dipole antenna 1Tx 5G PCIe + UART interface + dual antenna port)



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

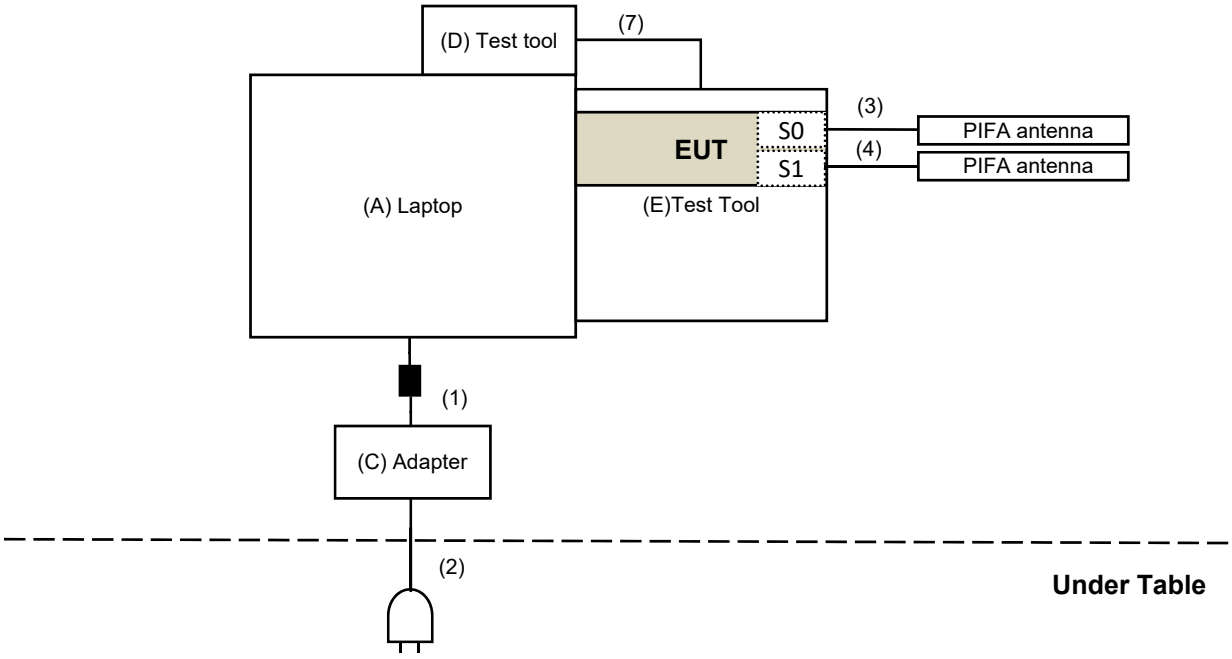


(Dipole antenna 2Tx PCIe + UART interface + dual antenna port)



For AC Power Conducted Emission test

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



3.8 Configuration of Peripheral Devices and Cable Connections

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

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

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 26 dB Bandwidth

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Attenuator WOKEN	MDCS18N-10	MDCS18N-10-01	2022/4/5	2023/4/4
Software	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A
Spectrum Analyzer R&S	FSV40	101516	2022/3/7	2023/3/6

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2022/7/1 ~ 2022/7/4

4.2 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Attenuator WOKEN	MDCS18N-10	MDCS18N-10-01	2022/4/5	2023/4/4
Power Meter Anritsu	ML2495A	1529002	2022/6/22	2023/6/21
Pulse Power Sensor Anritsu	MA2411B	1726434	2022/6/22	2023/6/21
Software	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A
Spectrum Analyzer R&S	FSV40	101516	2022/3/7	2023/3/6

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2022/7/1 ~ 2022/7/4

4.3 Power Spectral Density

Refer to section 4.1 to get information of the instruments.

4.4 6 dB Bandwidth

Refer to section 4.1 to get information of the instruments.

4.5 Occupied Bandwidth

Refer to section 4.1 to get information of the instruments.

4.6 Frequency Stability

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
AC Power Source GOOD WILL	6905S	1991551	N/A	N/A
Attenuator WOKEN	MDCS18N-10	MDCS18N-10-01	2022/4/5	2023/4/4
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 R&S	FSV40	101516	2022/3/7	2023/3/6
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	2022/1/14	2023/1/13
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: 2022/7/1

4.7 AC Power Conducted Emissions

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

Notes:

1. The test was performed in Conduction 1
2. Tested Date: 2022/6/11

4.8 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Bilog Antenna Schwarzbeck	VULB 9168	9168-0842	2021/10/26	2022/10/25
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-02	2022/1/10	2023/1/9
LOOP ANTENNA Electro-Metrics	EM-6879	264	2022/3/18	2023/3/17
Pre_Amplifier Agilent	8447D	2944A10636	2022/3/19	2023/3/18
Pre_Amplifier EMCI	EMC330N	980538	2022/4/25	2023/4/24
RF Coaxial Cable JYEBO	5D-FB	LOOPCAB-001	2022/1/6	2023/1/5
		LOOPCAB-002	2022/1/6	2023/1/5
RF Coaxial Cable COMMATE/PEWC	8D	966-5-1	2022/4/25	2023/4/24
		966-5-2	2022/4/25	2023/4/24
		966-5-3	2022/4/25	2023/4/24
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A
Spectrum Analyzer Keysight	N9020B	MY60112410	2022/3/13	2023/3/12
Test Receiver R&S	ESR3	102528	2022/2/25	2023/2/24

Notes:

1. The test was performed in 966 Chamber No. 5.
2. Tested Date: 2022/6/13

4.9 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-1819	2021/11/14	2022/11/13
	BBHA 9170	9170-739	2021/11/14	2022/11/13
Pre_Amplifier EMCI	EMC12630SE	980509	2022/4/25	2023/4/24
	EMC184045SE	980387	2022/1/10	2023/1/9
RF Cable-Frequency range: 1-40GHz EMCI	EMC102-KM-KM-1200	160924	2022/1/10	2023/1/9
RF Coaxial Cable EMCI	EMC104-SM-SM-1500	180503	2022/4/25	2023/4/24
	EMC104-SM-SM-2000	180501	2022/4/25	2023/4/24
	EMC104-SM-SM-6000	180506	2022/4/25	2023/4/24
	EMC-KM-KM-4000	200214	2022/3/8	2023/3/7
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A
Spectrum Analyzer Keysight	N9020B	MY60112410	2022/3/13	2023/3/12
Test Receiver R&S	ESR3	102528	2022/2/25	2023/2/24

Notes:

1. The test was performed in 966 Chamber No. 5.
2. Tested Date: 2022/5/11 ~ 2022/7/6

5 Limits of Test Items

5.1 26 dB Bandwidth

The results are for reference only.

5.2 RF Output Power

Operation Band	EUT Category	Limit
U-NII-1	Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p ≦ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
	Fixed point-to-point Access Point	1 Watt (30 dBm)
	Indoor Access Point	1 Watt (30 dBm)
	Mobile and Portable client device	250mW (24 dBm)

Operation Band	Limit
U-NII-2A	250mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	250mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	1 Watt (30 dBm)

*B is the 26 dB emission bandwidth in megahertz

Per KDB 662911 D01 Multiple Transmitter Output Method of conducted output power measurement on IEEE 802.11 devices,

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

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

5.3 Power Spectral Density

Operation Band	EUT Category	Limit
U-NII-1	Outdoor Access Point	17 dBm/ MHz
	Fixed point-to-point Access Point	
	Indoor Access Point	
	Mobile and Portable client device	11 dBm/ MHz

Operation Band	Limit
U-NII-2A	11 dBm/ MHz
U-NII-2C	11 dBm/ MHz
U-NII-3	30 dBm/ 500 kHz

5.4 6 dB Bandwidth

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

5.5 Occupied Bandwidth

The results are for reference only.

5.6 Frequency Stability

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

5.7 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.

5.8 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).

5.9 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

<table>
<tr><th colspan="2">Applicable To</th><th colspan="2">Limit</th></tr>
<tr><td colspan="2" rowspan="2">789033 D02 General UNII Test Procedure New Rules v02r01</td><td colspan="2">Field Strength at 3 m</td></tr>
<tr><td>PK: 74 (dBµV/m)</td><td>AV: 54 (dBµV/m)</td></tr>
<tr><td>Frequency Band</td><td>Applicable To</td><td>EIRP Limit</td><td>Equivalent Field Strength at 3 m</td></tr>
<tr><td>5150~5250 MHz</td><td>15.407(b)(1)</td><td rowspan="3">PK: -27 (dBm/MHz)</td><td rowspan="3">PK: 68.2 (dBµV/m)</td></tr>
<tr><td>5250~5350 MHz</td><td>15.407(b)(2)</td></tr>
<tr><td>5470~5725 MHz</td><td>15.407(b)(3)</td></tr>
<tr><td>5725~5850 MHz</td><td>15.407(b)(4)(i)</td><td>PK: -27 (dBm/MHz) *1
PK: 10 (dBm/MHz) *2
PK: 15.6 (dBm/MHz) *3
PK: 27 (dBm/MHz) *4</td><td>PK: 68.2 (dBµV/m) *1
PK: 105.2 (dBµV/m) *2
PK: 110.8 (dBµV/m) *3
PK: 122.2 (dBµV/m) *4</td></tr>
<tr><td colspan="4">*1 beyond 75 MHz or more above of the band edge.
*2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.
*3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.
*4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</td></tr>
</table>

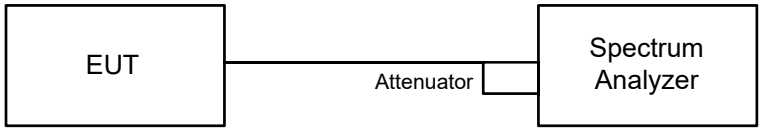
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

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

6 Test Arrangements

6.1 26 dB Bandwidth

6.1.1 Test Setup



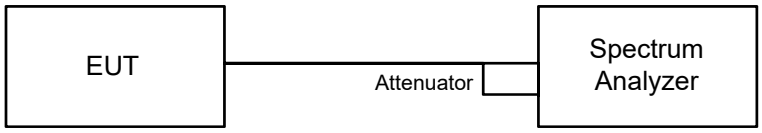
6.1.2 Test Procedure

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%.

6.2 RF Output Power

6.2.1 Test Setup

For channel straddling:



6.2.2 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.

For channel straddling:

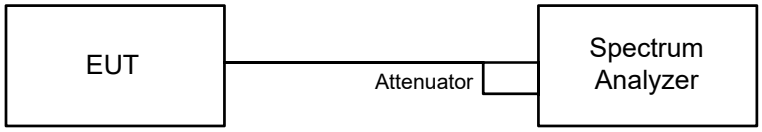
Method SA-1

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. Record the max value

Note: When measuring straddle channel power, use compute power by integrating the spectrum across the 26 dB EBW or 99% OBW of the signal using the instrument’s band power measurement function, with band limits set equal to the EBW or OBW band edges. If the instrument does not have a band power function, then sum the spectrum levels (in power units) at 1 MHz intervals extending across the 26 dB EBW or 99% OBW of the spectrum.

6.3 Power Spectral Density

6.3.1 Test Setup



6.3.2 Test Procedure

For specified measurement bandwidth 1 MHz:
Method SA-1

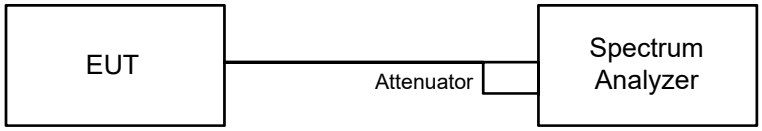
a. Set span to encompass the entire emission bandwidth (EBW) of the signal.
b. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
c. Sweep points ≥ [2 × span / RBW]. (This gives bin-to-bin spacing ≤ RBW / 2, so that narrowband signals are not lost between frequency bins.)
d. Sweep time = auto, trigger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

For specified measurement bandwidth 500 kHz:
Method SA-1

a. Set span to encompass the entire emission bandwidth (EBW) of the signal.
b. Set RBW = 300 kHz, Set VBW ≥ 1 MHz, Detector = RMS
c. Scale the observed power level to an equivalent value in 500 kHz by adjusting (increasing) the measured power by a bandwidth correction factor (BWCF) where BWCF = 10log(500 kHz/300 kHz)
d. Sweep points ≥ [2 × span / RBW]. (This gives bin-to-bin spacing ≤ RBW / 2, so that narrowband signals are not lost between frequency bins.)
e. Sweep time = auto, trigger set to “free run”.
f. Trace average at least 100 traces in power averaging mode.
g. Record the max value

6.4 6 dB Bandwidth

6.4.1 Test Setup

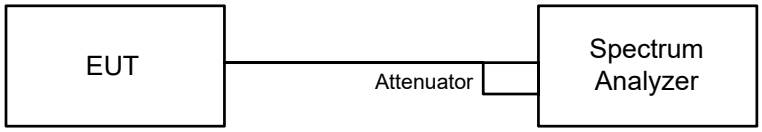


6.4.2 Test Procedure

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

6.5 Occupied Bandwidth

6.5.1 Test Setup

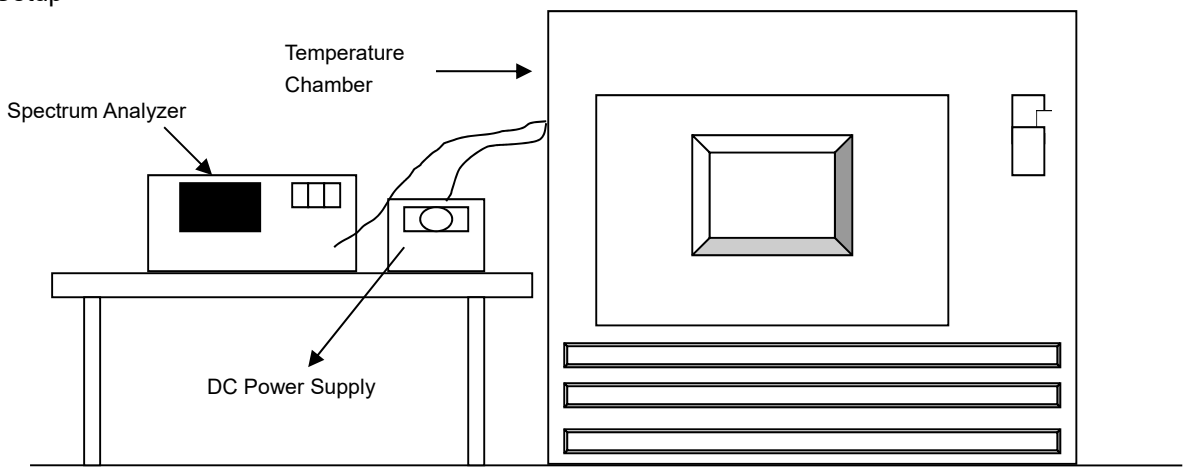


6.5.2 Test Procedure

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

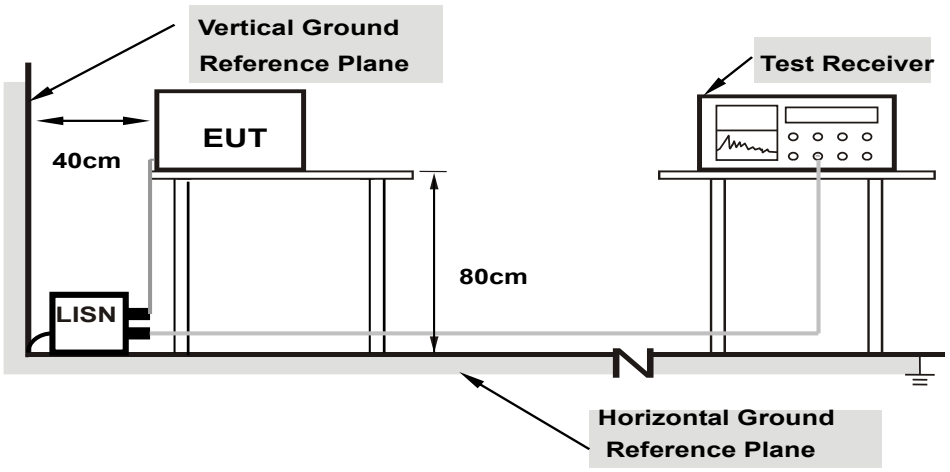


6.6.2 Test Procedure

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 AC Power Conducted Emissions

6.7.1 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).

6.7.2 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.

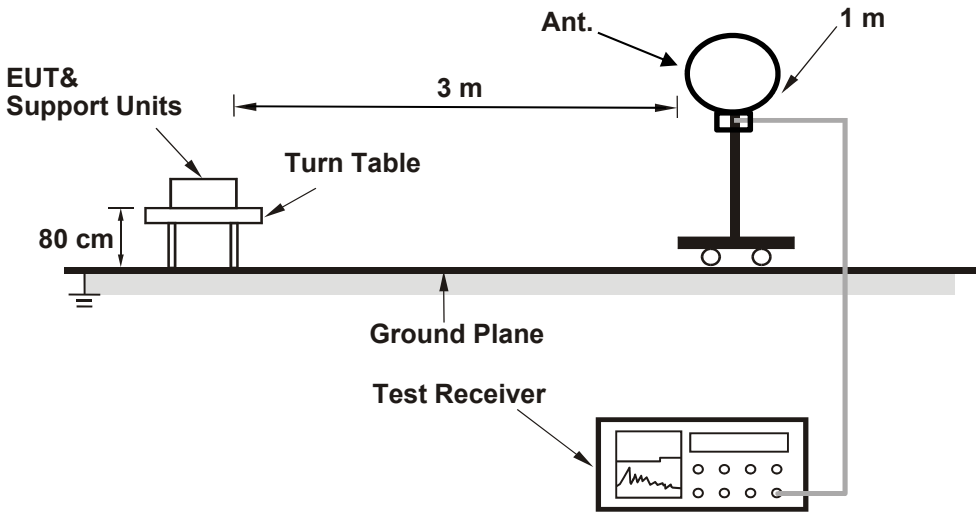
c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

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.

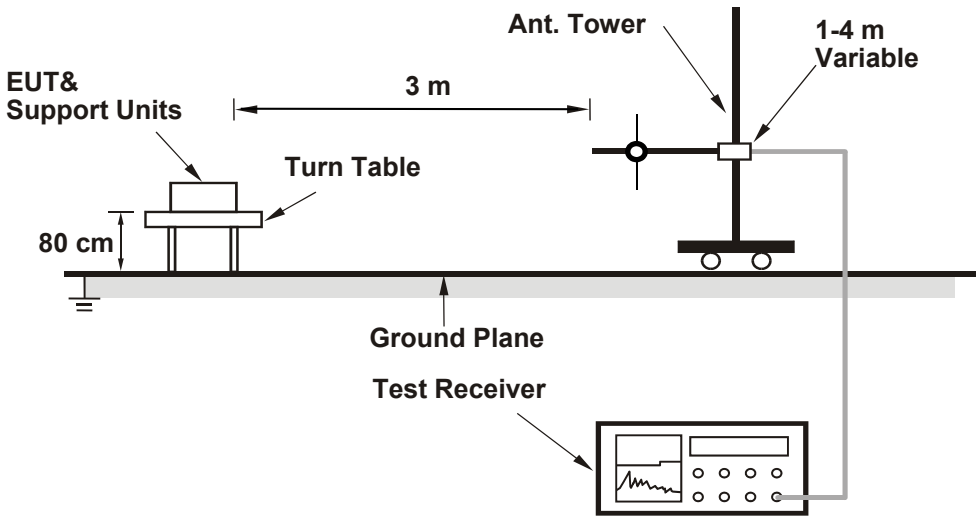
6.8 Unwanted Emissions below 1 GHz

6.8.1 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).

6.8.2 Test Procedure

For Radiated emission below 30 MHz

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

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

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

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

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

Notes:

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

For Radiated emission above 30 MHz

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

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

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

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

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

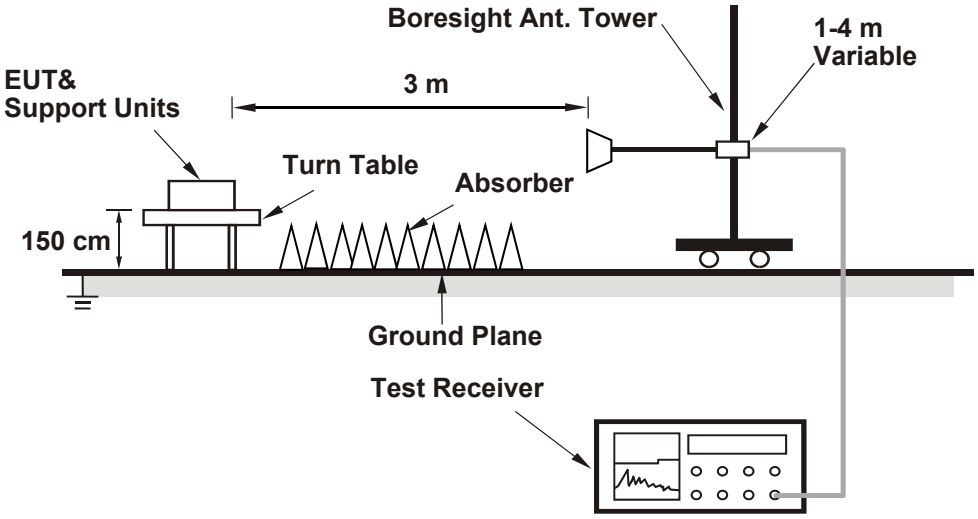
Notes:

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

6.9 Unwanted Emissions above 1 GHz

6.9.1 Test Setup

For Radiated emission above 1 GHz



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

6.9.2 Test Procedure

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

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

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

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

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

Notes:

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

7 Test Results of Test Item

7.1 26 dB Bandwidth

Mode E

Input Power:	3.3 Vdc	Environmental Conditions:	24°C, 64% RH	Tested By:	John Peng

802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)
52	5260	37.27
60	5300	36.94
64	5320	35.53
100	5500	20.66
116	5580	37.19
140	5700	20.54
144 (U-NII-2C)	5720	21.26

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	37.27	26.71 > 24
60	5300	36.94	26.67 > 24
64	5320	35.53	26.5 > 24
100	5500	20.66	24.15 > 24
116	5580	37.19	26.7 > 24
140	5700	20.54	24.12 > 24
144 (U-NII-2C)	5720	21.26	24.27 > 24

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

802.11ax (HE20)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)
52	5260	46.69
60	5300	46.41
64	5320	26.17
100	5500	20.83
116	5580	47.26
140	5700	20.92
144 (U-NII-2C)	5720	18.63

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	46.69	27.69	>	24
60	5300	46.41	27.66	>	24
64	5320	26.17	25.17	>	24
100	5500	20.83	24.18	>	24
116	5580	47.26	27.74	>	24
140	5700	20.92	24.2	>	24
144 (U-NII-2C)	5720	18.63	23.7	<	24

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

802.11ax (HE40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)
54	5270	87.83
62	5310	69.79
102	5510	41.62
110	5550	83.68
134	5670	77.32
142 (U-NII-2C)	5710	47.42

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
54	5270	87.83	30.43 > 24
62	5310	69.79	29.43 > 24
102	5510	41.62	27.19 > 24
110	5550	83.68	30.22 > 24
134	5670	77.32	29.88 > 24
142 (U-NII-2C)	5710	47.42	27.75 > 24

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

802.11ax (HE80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)
58	5290	82.03
106	5530	82.18
122	5610	167.95
138 (U-NII-2C)	5690	107.06

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
58	5290	82.03	30.13 > 24
106	5530	82.18	30.14 > 24
122	5610	167.95	33.25 > 24
138 (U-NII-2C)	5690	107.06	31.29 > 24

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

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26/0	52	5260	19.47
26/4	60	5300	17.72
26/8	64	5320	19.34
26/0	100	5500	19.5
26/4	116	5580	17.63
26/8	140	5700	19.25
26/8	144 (U-NII-2C)	5720	14.06

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	19.47	23.89 < 24
60	5300	17.72	23.48 < 24
64	5320	19.34	23.86 < 24
100	5500	19.50	23.9 < 24
116	5580	17.63	23.46 < 24
140	5700	19.25	23.84 < 24
144 (U-NII-2C)	5720	14.06	22.47 < 24

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

802.11ax (RU52)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
52/37	52	5260	19.34
52/39	60	5300	18.12
52/40	64	5320	19.37
52/37	100	5500	19.35
52/39	116	5580	18.12
52/40	140	5700	19.32
52/40	144 (U-NII-2C)	5720	14.18

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	19.34	23.86 < 24
60	5300	18.12	23.58 < 24
64	5320	19.37	23.87 < 24
100	5500	19.35	23.86 < 24
116	5580	18.12	23.58 < 24
140	5700	19.32	23.86 < 24
144 (U-NII-2C)	5720	14.18	22.51 < 24

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

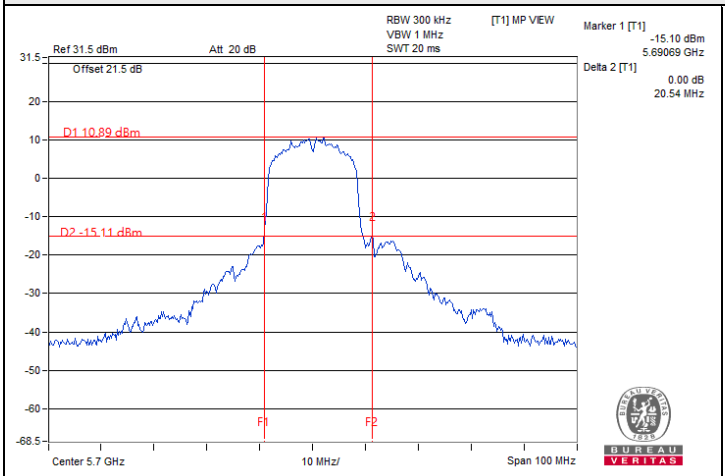
802.11ax (RU106)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
106/53	52	5260	19.41
106/54	60	5300	20.63
106/54	64	5320	20.59
106/53	100	5500	19.38
106/53	116	5580	20.81
106/54	140	5700	19.19
106/54	144 (U-NII-2C)	5720	14.15

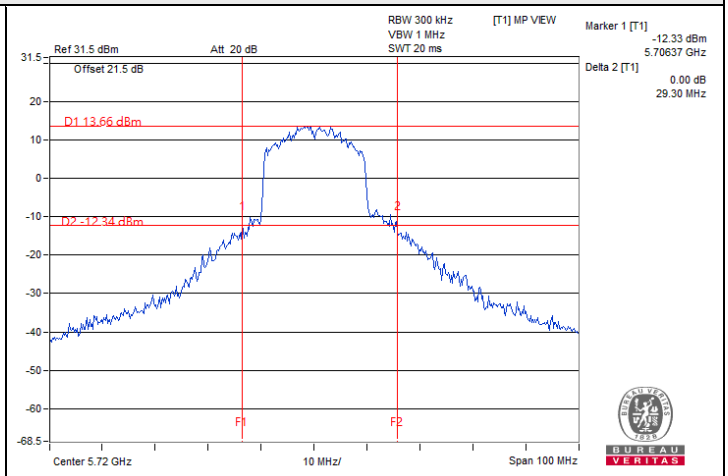
Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	19.41	23.88	<	24
60	5300	20.63	24.14	>	24
64	5320	20.59	24.13	>	24
100	5500	19.38	23.87	<	24
116	5580	20.81	24.18	>	24
140	5700	19.19	23.83	<	24
144 (U-NII-2C)	5720	14.15	22.5	<	24

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

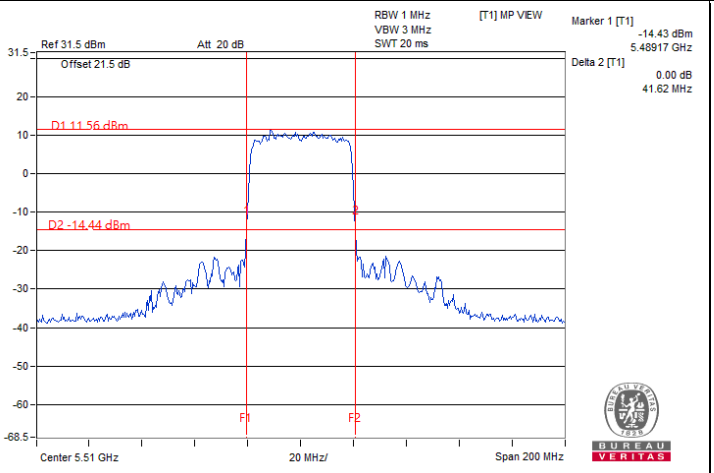
Spectrum Plot of Minimum Value



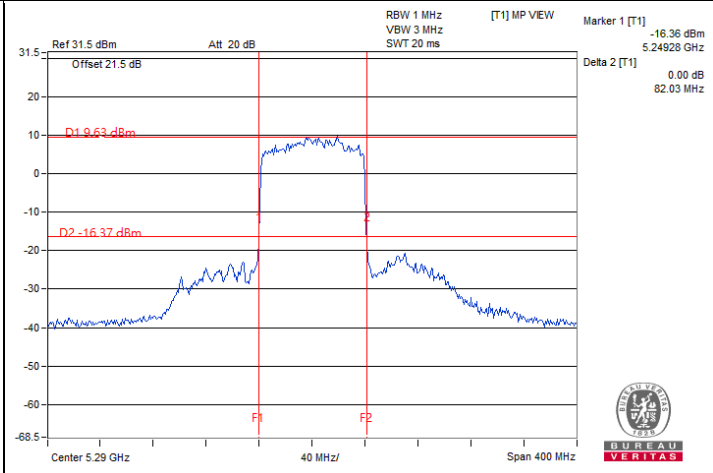
802.11a : CH 140



802.11ax (HE20) : CH 144 (U-NII-2C)



802.11ax (HE40) : CH 102

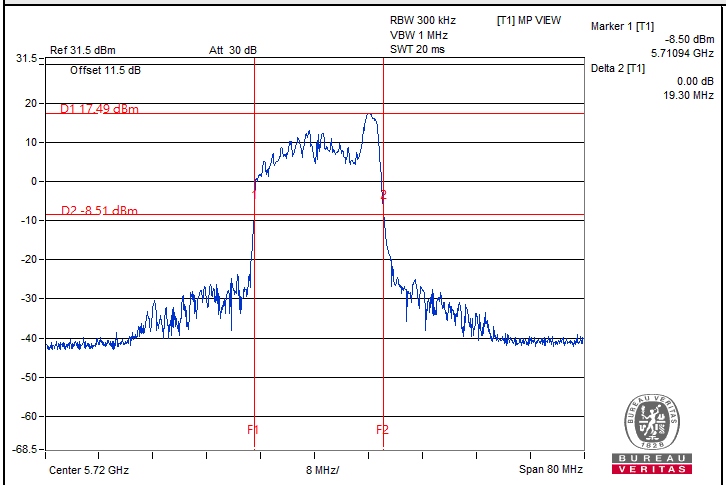


802.11ax (HE80) : CH 58

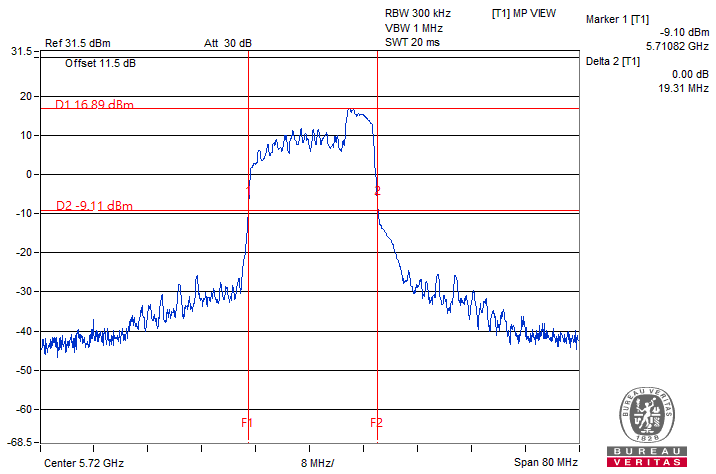
Notes:

1. For U-NII-2C straddle channel = 5725 MHz - Marker 1

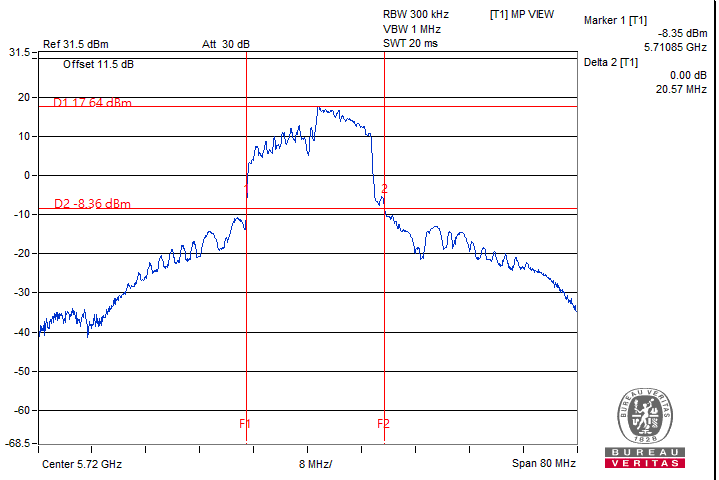
Spectrum Plot of Minimum Value



802.11ax (RU26) : CH 144 (U-NII-2C)



802.11ax (RU52) : CH 144 (U-NII-2C)



802.11ax (RU106) : CH 144 (U-NII-2C)

Notes:

1. For U-NII-2C straddle channel = 5725 MHz - Marker 1

Mode F

Input Power:	3.3 Vdc	Environmental Conditions:	24°C, 64% RH	Tested By:	John Peng

802.11a

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	18.94	18.98
60	5300	18.91	19.00
64	5320	19.00	18.97
100	5500	18.89	18.94
116	5580	18.93	18.96
140	5700	18.89	19.04
144 (U-NII-2C)	5720	13.98	14.15

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	18.94	23.77	<	24
60	5300	18.91	23.76	<	24
64	5320	18.97	23.78	<	24
100	5500	18.89	23.76	<	24
116	5580	18.93	23.77	<	24
140	5700	18.89	23.76	<	24
144 (U-NII-2C)	5720	13.98	22.45	<	24

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

802.11ax (HE20)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	20.86	20.85
60	5300	20.84	20.75
64	5320	20.78	20.84
100	5500	20.81	20.79
116	5580	20.83	20.78
140	5700	20.88	20.87
144 (U-NII-2C)	5720	15.18	15.14

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	20.85	24.19 > 24
60	5300	20.75	24.17 > 24
64	5320	20.78	24.17 > 24
100	5500	20.79	24.17 > 24
116	5580	20.78	24.17 > 24
140	5700	20.87	24.19 > 24
144 (U-NII-2C)	5720	15.14	22.8 < 24

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

802.11ax (HE40)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	64.76	64.69
62	5310	40.83	40.97
102	5510	40.86	40.95
110	5550	61.88	65.78
134	5670	52.97	53.31
142 (U-NII-2C)	5710	38.44	38.35

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
54	5270	64.69	29.1 > 24
62	5310	40.83	27.1 > 24
102	5510	40.86	27.11 > 24
110	5550	61.88	28.91 > 24
134	5670	52.97	28.24 > 24
142 (U-NII-2C)	5710	38.35	26.83 > 24

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

802.11ax (HE80)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	82.08	82.03
106	5530	82.22	82.29
122	5610	82.20	82.30
138 (U-NII-2C)	5690	125.79	107.12

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
58	5290	82.03	30.13 > 24
106	5530	82.22	30.14 > 24
122	5610	82.20	30.14 > 24
138 (U-NII-2C)	5690	107.12	31.29 > 24

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

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
26/0	52	5260	19.41	19.40
26/4	60	5300	17.71	17.73
26/8	64	5320	19.37	19.36
26/0	100	5500	19.44	19.38
26/4	116	5580	17.67	17.72
26/8	140	5700	19.35	19.34
26/8	144 (U-NII-2C)	5720	14.13	14.08

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	19.40	23.87 < 24
60	5300	17.71	23.48 < 24
64	5320	19.36	23.86 < 24
100	5500	19.38	23.87 < 24
116	5580	17.67	23.47 < 24
140	5700	19.34	23.86 < 24
144 (U-NII-2C)	5720	14.08	22.48 < 24

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

802.11ax (RU52)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
52/37	52	5260	19.33	19.26
52/39	60	5300	18.04	17.99
52/40	64	5320	19.37	19.30
52/37	100	5500	19.26	19.25
52/39	116	5580	18.12	18.03
52/40	140	5700	19.32	19.28
52/40	144 (U-NII-2C)	5720	14.20	14.13

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	19.26	23.84	<	24
60	5300	17.99	23.55	<	24
64	5320	19.30	23.85	<	24
100	5500	19.25	23.84	<	24
116	5580	18.03	23.55	<	24
140	5700	19.28	23.85	<	24
144 (U-NII-2C)	5720	14.13	22.5	<	24

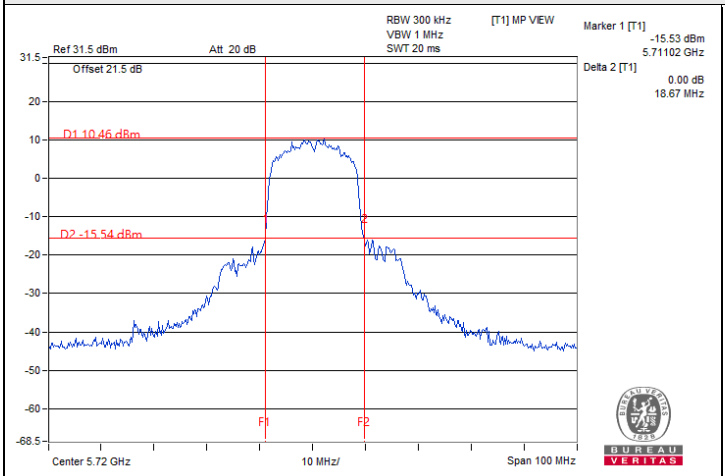
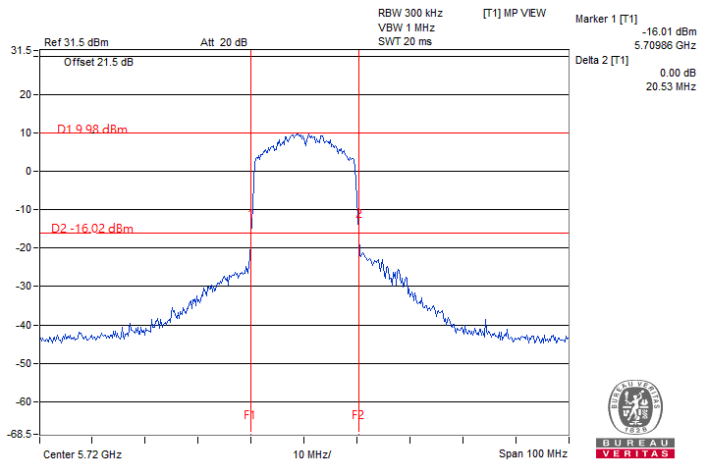
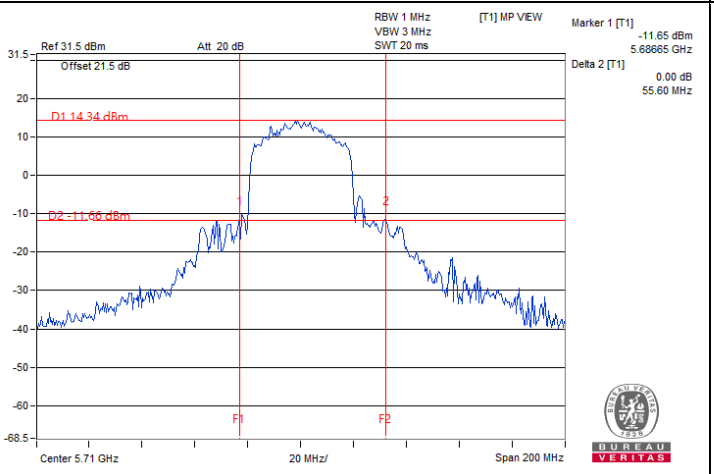
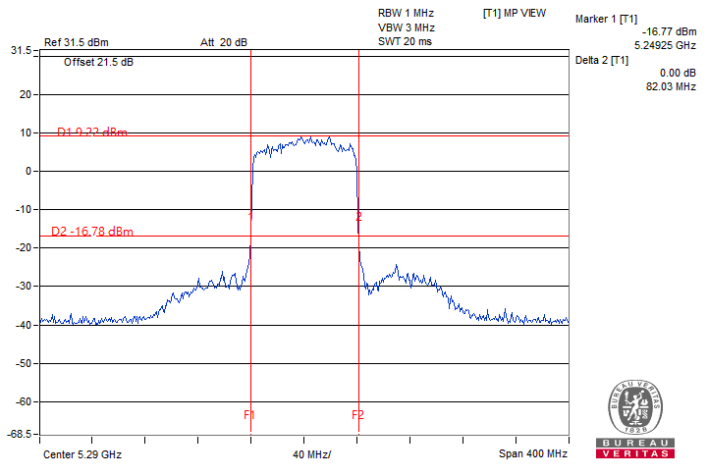
Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11ax (RU106)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
106/53	52	5260	19.35	19.36
106/54	60	5300	19.23	19.24
106/54	64	5320	19.14	19.25
106/53	100	5500	19.36	19.35
106/53	116	5580	19.39	19.38
106/54	140	5700	19.23	19.24
106/54	144 (U-NII-2C)	5720	14.18	14.17

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	19.35	23.86	<	24
60	5300	19.23	23.83	<	24
64	5320	19.14	23.81	<	24
100	5500	19.35	23.86	<	24
116	5580	19.38	23.87	<	24
140	5700	19.23	23.83	<	24
144 (U-NII-2C)	5720	14.17	22.51	<	24

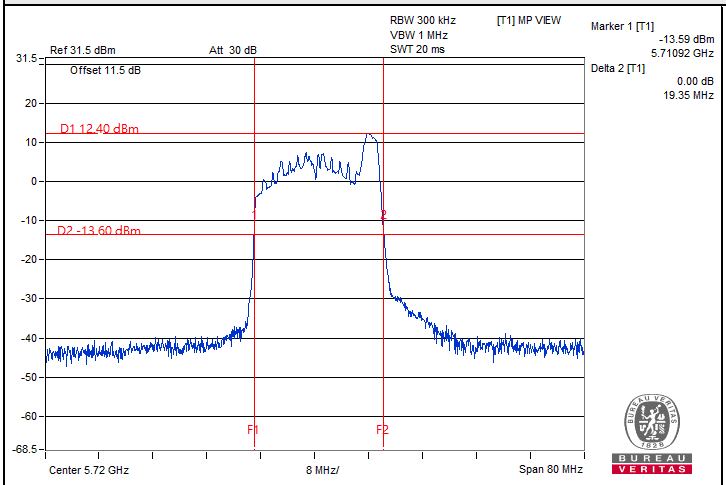
Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

Spectrum Plot of Minimum Value	
	
802.11a / Chain0 : CH 144 (U-NII-2C)	802.11ax (HE20) / Chain1 : CH 144 (U-NII-2C)
	
802.11ax (HE40) / Chain1 : CH 142 (U-NII-2C)	802.11ax (HE80) / Chain1 : CH 58

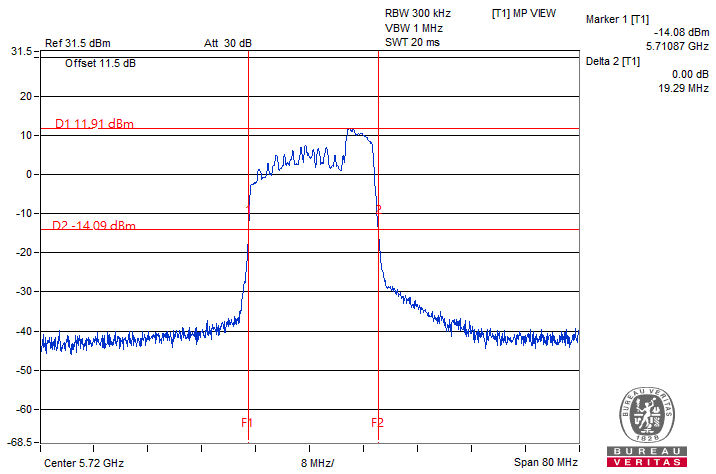
Notes:

1. For U-NII-2C straddle channel = 5725 MHz - Marker 1

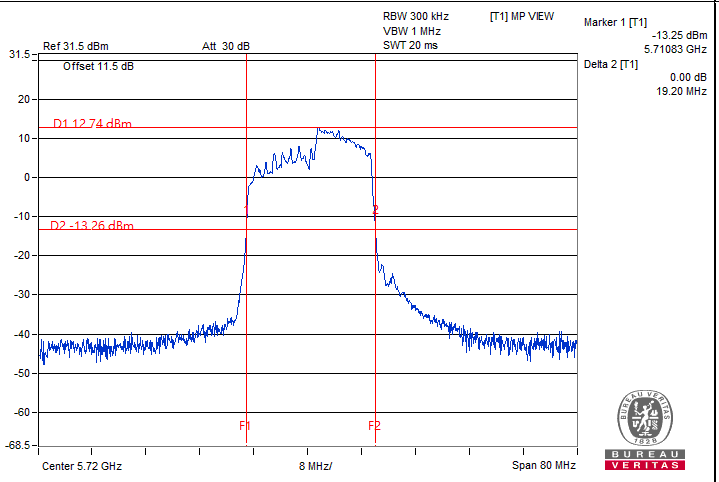
Spectrum Plot of Minimum Value



802.11ax (RU26) / Chain 1: CH 144 (U-NII-2C)



802.11ax (RU52) / Chain1 : CH 144 (U-NII-2C)



802.11ax (RU106) / Chain1 : CH 142 (U-NII-2C)

Notes:

1. For U-NII-2C straddle channel = 5725 MHz - Marker 1

7.2 RF Output Power

Mode E

Input Power:	3.3 Vdc	Environmental Conditions:	24°C, 64% RH	Tested By:	John Peng

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
36	5180	167.494	22.24	24	Pass
40	5200	176.198	22.46	24	Pass
48	5240	172.982	22.38	24	Pass
52	5260	176.198	22.46	24	Pass
60	5300	172.584	22.37	24	Pass
64	5320	135.207	21.31	24	Pass
100	5500	96.605	19.85	24	Pass
116	5580	174.582	22.42	24	Pass
140	5700	70.146	18.46	24	Pass
*144 (U-NII-2C)	5720	122.462	20.88	24	Pass
*144 (U-NII-3)	5720	14.158	11.51	30	Pass
149	5745	174.181	22.41	30	Pass
157	5785	175.388	22.44	30	Pass
165	5825	171.791	22.35	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
3. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
36	5180	138.995	21.43	24	Pass
40	5200	165.196	22.18	24	Pass
48	5240	164.059	22.15	24	Pass
52	5260	162.555	22.11	24	Pass
60	5300	162.555	22.11	24	Pass
64	5320	99.541	19.98	24	Pass
100	5500	92.683	19.67	24	Pass
116	5580	163.682	22.14	24	Pass
140	5700	52.119	17.17	24	Pass
*144 (U-NII-2C)	5720	128.233	21.08	23.7	Pass
*144 (U-NII-3)	5720	16.069	12.06	30	Pass
149	5745	162.181	22.10	30	Pass
157	5785	163.305	22.13	30	Pass
165	5825	164.059	22.15	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
3. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
38	5190	75.509	18.78	24	Pass
46	5230	131.522	21.19	24	Pass
54	5270	133.352	21.25	24	Pass
62	5310	65.615	18.17	24	Pass
102	5510	44.157	16.45	24	Pass
110	5550	130.017	21.14	24	Pass
134	5670	73.114	18.64	24	Pass
*142 (U-NII-2C)	5710	98.628	19.94	24	Pass
*142 (U-NII-3)	5710	3.882	5.89	30	Pass
151	5755	130.617	21.16	30	Pass
159	5795	132.739	21.23	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
3. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
42	5210	63.241	18.01	24	Pass
58	5290	56.624	17.53	24	Pass
106	5530	55.081	17.41	24	Pass
122	5610	93.325	19.70	24	Pass
*138 (U-NII-2C)	5690	104.472	20.19	24	Pass
*138 (U-NII-3)	5690	3.228	5.09	30	Pass
155	5775	98.855	19.95	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
3. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
36	5180	147.231	21.68	24	Pass
40	5200	176.604	22.47	24	Pass
48	5240	174.985	22.43	24	Pass
52	5260	173.38	22.39	24	Pass
60	5300	171.791	22.35	24	Pass
64	5320	106.17	20.26	24	Pass
100	5500	97.499	19.89	24	Pass
116	5580	173.38	22.39	24	Pass
140	5700	54.576	17.37	24	Pass
*144 (U-NII-2C)	5720	128.233	21.08	23.7	Pass
*144 (U-NII-3)	5720	16.069	12.06	30	Pass
149	5745	172.982	22.38	30	Pass
157	5785	172.584	22.37	30	Pass
165	5825	174.985	22.43	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
3. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
38	5190	80.168	19.04	24	Pass
46	5230	138.676	21.42	24	Pass
54	5270	139.959	21.46	24	Pass
62	5310	69.823	18.44	24	Pass
102	5510	47.098	16.73	24	Pass
110	5550	137.088	21.37	24	Pass
134	5670	76.913	18.86	24	Pass
*142 (U-NII-2C)	5710	98.628	19.94	24	Pass
*142 (U-NII-3)	5710	3.882	5.89	30	Pass
151	5755	138.995	21.43	30	Pass
159	5795	140.281	21.47	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
3. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
42	5210	67.453	18.29	24	Pass
58	5290	59.841	17.77	24	Pass
106	5530	58.21	17.65	24	Pass
122	5610	99.312	19.97	24	Pass
*138 (U-NII-2C)	5690	104.472	20.19	24	Pass
*138 (U-NII-3)	5690	3.228	5.09	30	Pass
155	5775	104.472	20.19	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
3. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
26/0	36	5180	34.041	15.32	24	Pass
26/4	40	5200	33.42	15.24	24	Pass
26/8	48	5240	31.117	14.93	24	Pass
26/0	52	5260	31.333	14.96	23.89	Pass
26/4	60	5300	35.237	15.47	23.48	Pass
26/8	64	5320	33.343	15.23	23.86	Pass
26/0	100	5500	33.497	15.25	23.9	Pass
26/4	116	5580	34.198	15.34	23.46	Pass
26/8	140	5700	32.961	15.18	23.84	Pass
26/8	*144 (U-NII-2C)	5720	0.6442	-1.91	22.47	Pass
26/8	*144 (U-NII-3)	5720	36.058	15.57	30	Pass
26/0	149	5745	114.025	20.57	30	Pass
26/4	157	5785	112.72	20.52	30	Pass
26/8	165	5825	111.944	20.49	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
3. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
52/37	36	5180	59.02	17.71	24	Pass
52/39	40	5200	58.076	17.64	24	Pass
52/40	48	5240	57.28	17.58	24	Pass
52/37	52	5260	57.81	17.62	23.86	Pass
52/39	60	5300	61.094	17.86	23.58	Pass
52/40	64	5320	61.802	17.91	23.87	Pass
52/37	100	5500	57.016	17.56	23.86	Pass
52/39	116	5580	60.674	17.83	23.58	Pass
52/40	140	5700	66.222	18.21	23.86	Pass
52/40	*144 (U-NII-2C)	5720	2.056	3.13	22.51	Pass
52/40	*144 (U-NII-3)	5720	58.21	17.65	30	Pass
52/37	149	5745	121.619	20.85	30	Pass
52/39	157	5785	112.202	20.50	30	Pass
52/40	165	5825	117.761	20.71	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
3. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

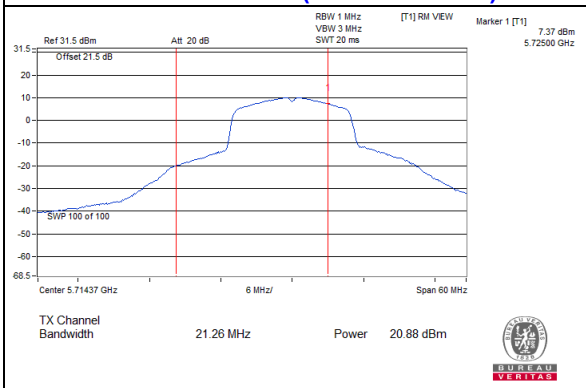
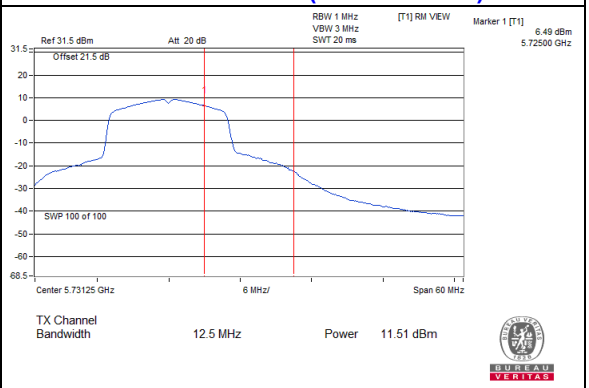
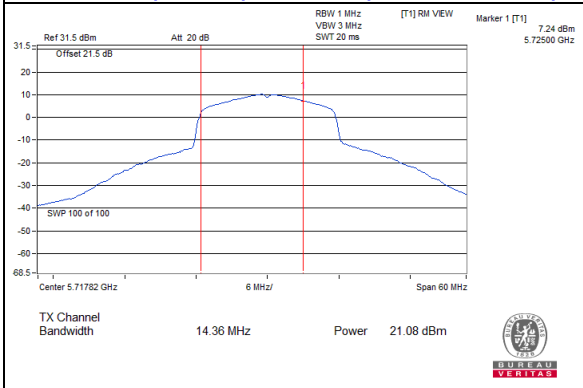
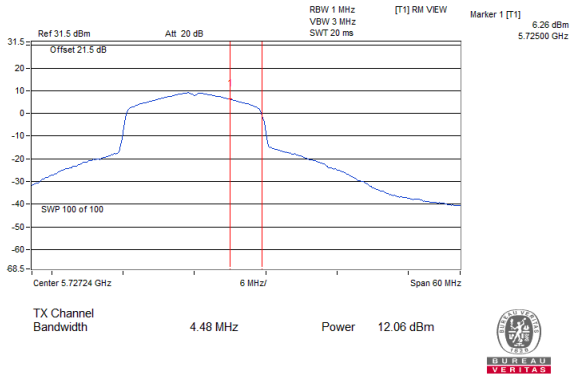
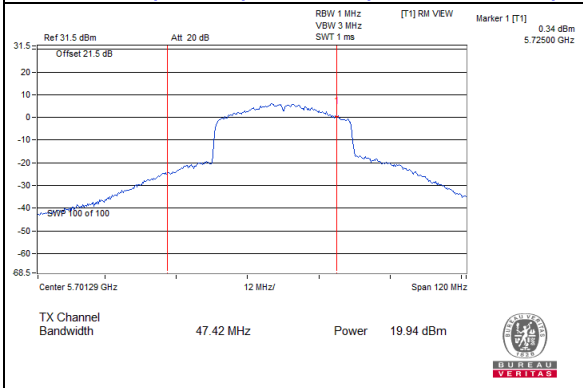
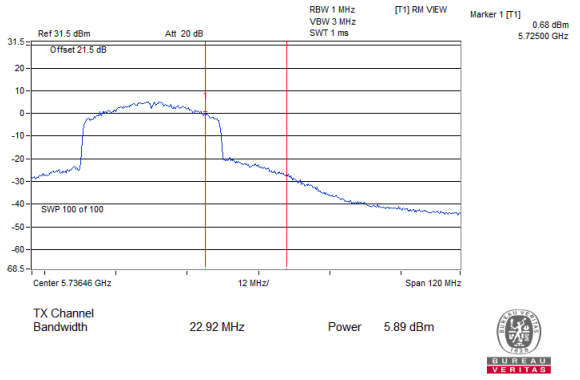
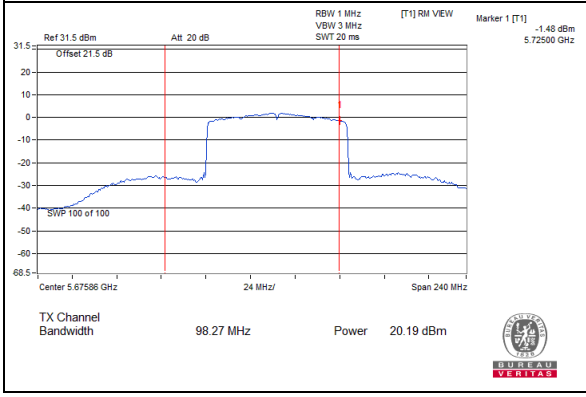
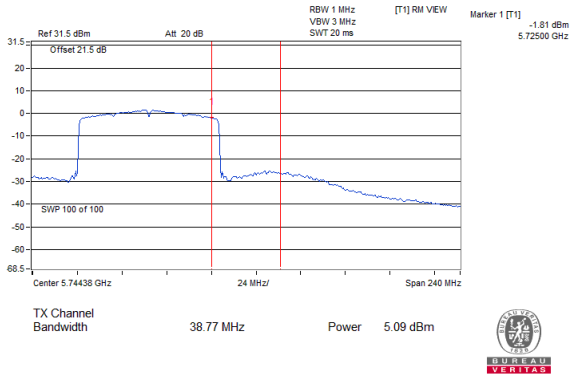
802.11ax (RU106)

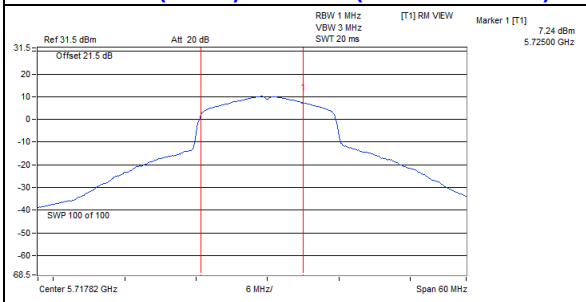
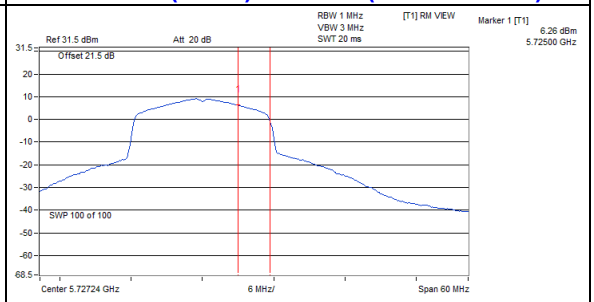
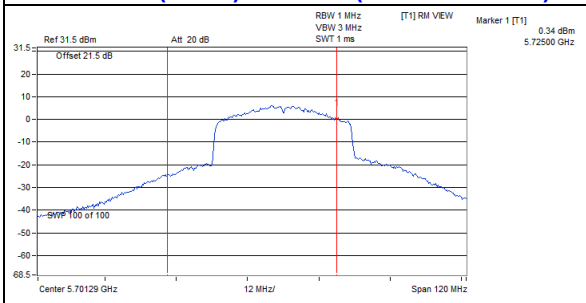
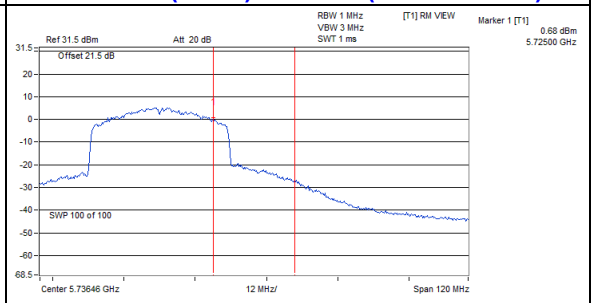
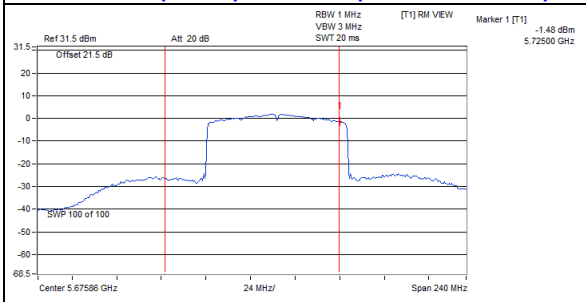
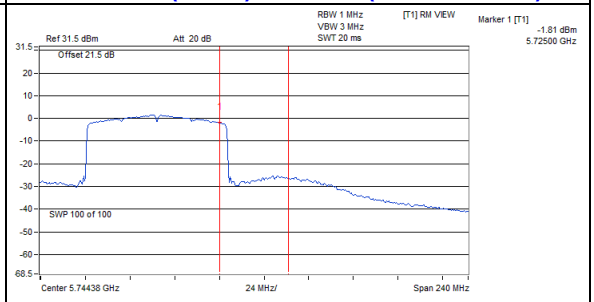
RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
106/53	36	5180	106.17	20.26	24	Pass
106/53	40	5200	107.895	20.33	24	Pass
106/54	48	5240	109.901	20.41	24	Pass
106/53	52	5260	111.686	20.48	23.88	Pass
106/54	60	5300	118.304	20.73	24	Pass
106/54	64	5320	112.72	20.52	24	Pass
106/53	100	5500	83.946	19.24	23.87	Pass
106/53	116	5580	109.144	20.38	24	Pass
106/54	140	5700	71.45	18.54	23.83	Pass
106/54	*144 (U-NII-2C)	5720	73.79	18.68	22.5	Pass
106/54	*144 (U-NII-3)	5720	41.591	16.19	30	Pass
106/53	149	5745	115.878	20.64	30	Pass
106/54	157	5785	115.345	20.62	30	Pass
106/54	165	5825	120.226	20.80	30	Pass

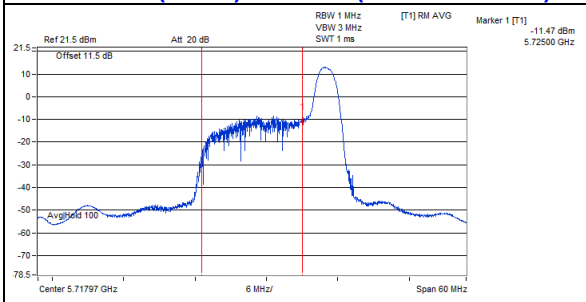
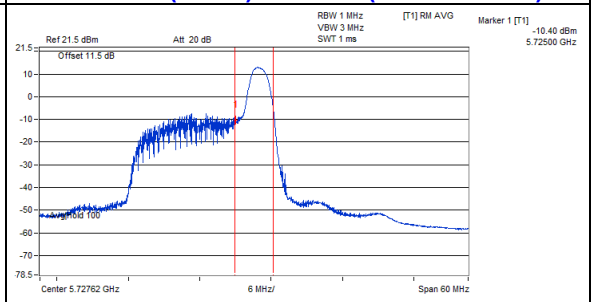
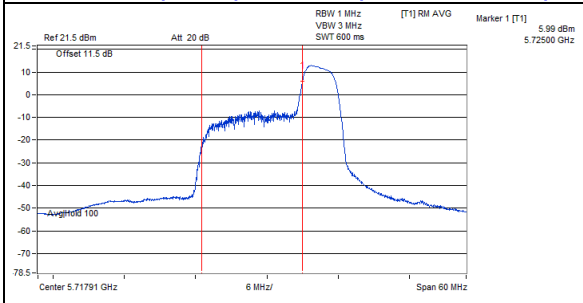
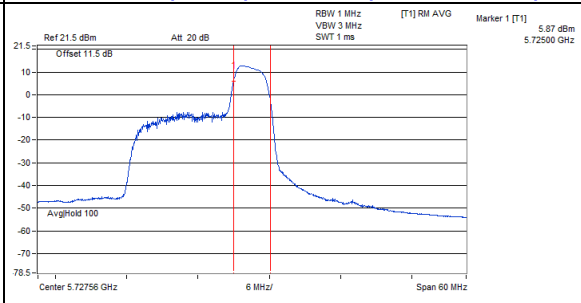
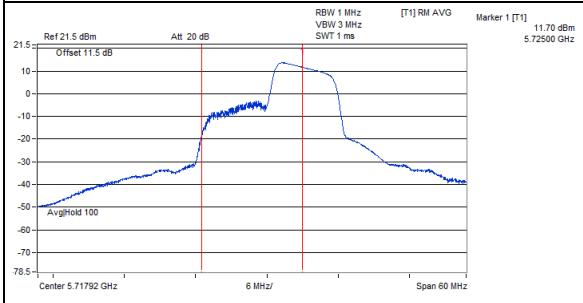
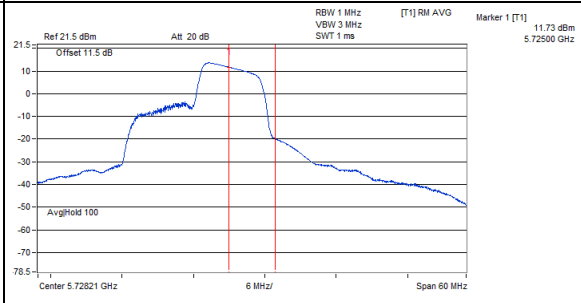
Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
3. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

For channel straddling 5725MHz of Power

Spectrum Plot Value of Power	
802.11a / CH144 (U-NII-2C Band)	**802.11a / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 21.26 MHz Power 20.88 dBm	 TX Channel Bandwidth 12.5 MHz Power 11.51 dBm
802.11ac (VHT20) / CH144 (U-NII-2C Band)	**802.11ac (VHT20) / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 14.36 MHz Power 21.08 dBm	 TX Channel Bandwidth 4.48 MHz Power 12.06 dBm
802.11ac (VHT40) / CH142 (U-NII-2C Band)	**802.11ac (VHT40) / CH142 (U-NII-3 Band)**
 TX Channel Bandwidth 47.42 MHz Power 19.94 dBm	 TX Channel Bandwidth 22.92 MHz Power 5.89 dBm
802.11ac (VHT80) / CH138 (U-NII-2C Band)	**802.11ac (VHT80) / CH138 (U-NII-3 Band)**
 TX Channel Bandwidth 98.27 MHz Power 20.19 dBm	 TX Channel Bandwidth 38.77 MHz Power 5.09 dBm

Spectrum Plot Value of Power	
802.11ax (HE20) / CH144 (U-NII-2C Band)	**802.11ax (HE20) / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 14.36 MHz Power 21.08 dBm	 TX Channel Bandwidth 4.48 MHz Power 12.06 dBm
802.11ax (HE40) / CH142 (U-NII-2C Band)	**802.11ax (HE40) / CH142 (U-NII-3 Band)**
 TX Channel Bandwidth 47.42 MHz Power 19.94 dBm	 TX Channel Bandwidth 22.92 MHz Power 5.89 dBm
802.11ax (HE80) / CH138 (U-NII-2C Band)	**802.11ax (HE80) / CH138 (U-NII-3 Band)**
 TX Channel Bandwidth 98.27 MHz Power 20.19 dBm	 TX Channel Bandwidth 38.77 MHz Power 5.09 dBm

Spectrum Plot Value of Power	
802.11ax (RU26) / CH144 (U-NII-2C Band)	**802.11ax (RU26) / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 14.06 MHz Power -1.91 dBm	 TX Channel Bandwidth 5.24 MHz Power 15.57 dBm
802.11ax (RU52) / CH144 (U-NII-2C Band)	**802.11ax (RU52) / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 14.18 MHz Power 3.13 dBm	 TX Channel Bandwidth 5.13 MHz Power 17.65 dBm
802.11ax (RU106) / CH144 (U-NII-2C Band)	**802.11ax (RU106) / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 14.15 MHz Power 18.68 dBm	 TX Channel Bandwidth 6.42 MHz Power 16.19 dBm

Mode F

Input Power:	3.3 Vdc	Environmental Conditions:	24°C, 64% RH	Tested By:	John Peng

802.11a CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	18.84	18.75	151.549	21.81	24	Pass
40	5200	18.82	18.78	151.717	21.81	24	Pass
48	5240	18.90	18.69	151.585	21.81	24	Pass
52	5260	18.75	18.76	150.152	21.77	23.77	Pass
60	5300	18.89	18.81	153.479	21.86	23.76	Pass
64	5320	18.93	18.82	154.371	21.89	23.78	Pass
100	5500	18.78	18.85	152.245	21.83	23.76	Pass
116	5580	18.84	19.08	157.469	21.97	23.77	Pass
140	5700	17.04	16.99	100.586	20.03	23.76	Pass
*144 (U-NII-2C)	5720	18.05	18.07	127.947	21.07	22.45	Pass
*144 (U-NII-3)	5720	9.42	9.55	17.766	12.50	30	Pass
149	5745	22.41	22.39	347.561	25.41	30	Pass
157	5785	22.38	22.45	348.774	25.43	30	Pass
165	5825	22.39	22.36	345.567	25.39	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ac (VHT20) CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	18.88	18.81	153.301	21.86	24	Pass
40	5200	18.83	18.93	154.546	21.89	24	Pass
48	5240	19.00	18.92	157.416	21.97	24	Pass
52	5260	18.90	18.97	156.511	21.95	24	Pass
60	5300	18.95	18.90	156.148	21.94	24	Pass
64	5320	19.00	18.93	157.596	21.98	24	Pass
100	5500	18.93	18.87	155.253	21.91	24	Pass
116	5580	18.87	19.02	156.89	21.96	24	Pass
140	5700	16.85	16.95	97.962	19.91	24	Pass
*144 (U-NII-2C)	5720	18.23	18.41	135.87	21.33	22.8	Pass
*144 (U-NII-3)	5720	10.43	10.72	22.844	13.59	30	Pass
149	5745	22.23	22.20	333.068	25.23	30	Pass
157	5785	21.90	22.19	320.459	25.06	30	Pass
165	5825	22.11	22.20	328.514	25.17	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ac (VHT40) CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
38	5190	17.63	17.79	118.06	20.72	24	Pass
46	5230	20.56	20.72	231.795	23.65	24	Pass
54	5270	20.36	20.55	222.144	23.47	24	Pass
62	5310	16.53	16.82	93.062	19.69	24	Pass
102	5510	16.51	16.44	88.827	19.49	24	Pass
110	5550	20.59	20.59	229.103	23.60	24	Pass
134	5670	17.39	17.67	113.307	20.54	24	Pass
*142 (U-NII-2C)	5710	20.21	20.57	218.979	23.40	24	Pass
*142 (U-NII-3)	5710	7.11	7.52	10.79	10.33	30	Pass
151	5755	20.81	21.19	252.026	24.01	30	Pass
159	5795	20.65	21.21	248.274	23.95	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ac (VHT80) CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	16.02	16.27	82.359	19.16	24	Pass
58	5290	16.47	17.02	94.711	19.76	24	Pass
106	5530	15.67	15.85	75.357	18.77	24	Pass
122	5610	18.70	18.94	152.474	21.83	24	Pass
*138 (U-NII-2C)	5690	19.95	20.56	212.618	23.28	24	Pass
*138 (U-NII-3)	5690	5.10	5.61	6.875	8.37	30	Pass
155	5775	19.59	19.54	180.941	22.58	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20) CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	19.13	19.09	162.943	22.12	24	Pass
40	5200	19.08	19.15	163.134	22.13	24	Pass
48	5240	19.24	19.19	166.931	22.23	24	Pass
52	5260	19.17	19.20	165.78	22.20	24	Pass
60	5300	19.22	19.14	165.595	22.19	24	Pass
64	5320	19.21	19.17	165.972	22.20	24	Pass
100	5500	19.20	19.11	164.647	22.17	24	Pass
116	5580	19.07	19.23	164.476	22.16	24	Pass
140	5700	17.07	17.19	103.293	20.14	24	Pass
*144 (U-NII-2C)	5720	18.23	18.41	135.87	21.33	22.8	Pass
*144 (U-NII-3)	5720	10.43	10.72	22.844	13.59	30	Pass
149	5745	22.45	22.44	351.18	25.46	30	Pass
157	5785	22.14	22.47	340.285	25.32	30	Pass
165	5825	22.32	22.46	346.806	25.40	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE40) CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
38	5190	17.84	18.00	123.909	20.93	24	Pass
46	5230	20.76	20.96	243.863	23.87	24	Pass
54	5270	20.61	20.83	236.14	23.73	24	Pass
62	5310	16.82	17.05	98.783	19.95	24	Pass
102	5510	16.75	16.71	94.196	19.74	24	Pass
110	5550	20.80	20.87	242.406	23.85	24	Pass
134	5670	17.66	17.90	120.004	20.79	24	Pass
*142 (U-NII-2C)	5710	20.21	20.57	218.979	23.40	24	Pass
*142 (U-NII-3)	5710	7.11	7.52	10.79	10.33	30	Pass
151	5755	21.02	21.44	265.789	24.25	30	Pass
159	5795	20.92	21.42	262.27	24.19	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE80) CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	16.23	16.56	87.266	19.41	24	Pass
58	5290	16.72	17.25	100.078	20.00	24	Pass
106	5530	15.94	16.13	80.285	19.05	24	Pass
122	5610	18.91	19.18	160.598	22.06	24	Pass
*138 (U-NII-2C)	5690	19.95	20.56	212.618	23.28	24	Pass
*138 (U-NII-3)	5690	5.10	5.61	6.875	8.37	30	Pass
155	5775	19.85	19.75	191.011	22.81	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
			Chain 0	Chain 1				
26/0	36	5180	11.39	10.74	25.63	14.09	24	Pass
26/4	40	5200	11.29	10.53	24.757	13.94	24	Pass
26/8	48	5240	10.86	10.21	22.685	13.56	24	Pass
26/0	52	5260	10.94	10.38	23.331	13.68	23.87	Pass
26/4	60	5300	11.52	10.71	25.967	14.14	23.48	Pass
26/8	64	5320	10.92	10.35	23.199	13.65	23.86	Pass
26/0	100	5500	10.81	10.04	22.143	13.45	23.87	Pass
26/4	116	5580	10.93	11.05	25.123	14.00	23.47	Pass
26/8	140	5700	10.61	10.17	21.907	13.41	23.86	Pass
26/8	*144 (U-NII-2C)	5720	-6.21	-6.89	0.444	-3.53	22.48	Pass
26/8	*144 (U-NII-3)	5720	11.12	10.76	24.854	13.95	30	Pass
26/0	149	5745	19.80	19.82	191.439	22.82	30	Pass
26/4	157	5785	20.52	21.52	254.625	24.06	30	Pass
26/8	165	5825	19.29	19.32	170.425	22.32	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
			Chain 0	Chain 1				
52/37	36	5180	13.13	12.31	37.58	15.75	24	Pass
52/39	40	5200	13.67	12.93	42.915	16.33	24	Pass
52/40	48	5240	13.14	12.37	37.865	15.78	24	Pass
52/37	52	5260	13.11	12.42	37.923	15.79	23.84	Pass
52/39	60	5300	13.69	13.29	44.719	16.50	23.55	Pass
52/40	64	5320	13.08	12.61	38.563	15.86	23.85	Pass
52/37	100	5500	13.43	13.05	42.213	16.25	23.84	Pass
52/39	116	5580	13.07	13.27	41.509	16.18	23.55	Pass
52/40	140	5700	13.42	13.07	42.255	16.26	23.85	Pass
52/40	*144 (U-NII-2C)	5720	-1.31	-1.77	1.4049	1.48	22.5	Pass
52/40	*144 (U-NII-3)	5720	13.11	12.65	38.872	15.90	30	Pass
52/37	149	5745	20.75	21.31	254.057	24.05	30	Pass
52/39	157	5785	20.63	21.61	260.488	24.16	30	Pass
52/40	165	5825	20.72	21.28	252.309	24.02	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (RU106)

RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
			Chain 0	Chain 1				
106/53	36	5180	16.07	15.51	76.021	18.81	24	Pass
106/53	40	5200	16.16	15.57	77.363	18.89	24	Pass
106/54	48	5240	16.25	15.73	79.581	19.01	24	Pass
106/53	52	5260	16.27	15.85	80.823	19.08	23.86	Pass
106/54	60	5300	16.31	16.03	82.843	19.18	23.83	Pass
106/54	64	5320	15.91	15.42	73.828	18.68	23.81	Pass
106/53	100	5500	16.02	15.63	76.554	18.84	23.86	Pass
106/53	116	5580	15.93	15.91	78.168	18.93	23.87	Pass
106/54	140	5700	16.05	15.89	79.087	18.98	23.83	Pass
106/54	*144 (U-NII-2C)	5720	13.92	13.94	49.435	16.94	22.51	Pass
106/54	*144 (U-NII-3)	5720	11.42	11.41	27.703	14.43	30	Pass
106/53	149	5745	20.80	21.93	276.182	24.41	30	Pass
106/54	157	5785	20.78	21.95	276.349	24.41	30	Pass
106/54	165	5825	20.88	21.84	275.218	24.40	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ac (VHT20) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	18.65	18.60	145.726	21.64	21.99	Pass
40	5200	18.45	18.68	143.775	21.58	21.99	Pass
48	5240	18.66	18.69	147.412	21.69	21.99	Pass
52	5260	18.64	18.70	147.245	21.68	21.99	Pass
60	5300	18.63	18.67	146.566	21.66	21.99	Pass
64	5320	18.71	18.70	148.433	21.72	21.99	Pass
100	5500	18.66	18.48	143.921	21.58	21.99	Pass
116	5580	18.51	18.76	146.12	21.65	21.99	Pass
140	5700	16.85	16.95	97.962	19.91	21.99	Pass
*144 (U-NII-2C)	5720	15.23	15.41	68.096	18.33	20.79	Pass
*144 (U-NII-3)	5720	7.43	7.72	11.449	10.59	27.99	Pass
149	5745	22.23	22.20	333.068	25.23	27.99	Pass
157	5785	21.90	22.19	320.459	25.06	27.99	Pass
165	5825	22.11	22.20	328.514	25.17	27.99	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.01-6) = 21.99 dBm.
4. For U-NII-2A, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.01-6)].
5. For U-NII-2C, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.01-6)].
6. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.01-6) = 27.99 dBm.

802.11ac (VHT40) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
38	5190	17.63	17.79	118.06	20.72	21.99	Pass
46	5230	18.58	18.77	147.446	21.69	21.99	Pass
54	5270	18.37	18.73	143.352	21.56	21.99	Pass
62	5310	16.53	16.82	93.062	19.69	21.99	Pass
102	5510	16.51	16.44	88.827	19.49	21.99	Pass
110	5550	18.56	18.70	145.91	21.64	21.99	Pass
134	5670	17.39	17.67	113.307	20.54	21.99	Pass
*142 (U-NII-2C)	5710	17.21	17.57	109.75	20.40	21.99	Pass
*142 (U-NII-3)	5710	4.11	4.52	5.408	7.33	27.99	Pass
151	5755	20.81	21.19	252.026	24.01	27.99	Pass
159	5795	20.65	21.21	248.274	23.95	27.99	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.01-6) = 21.99 dBm.
4. For U-NII-2A, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.01-6)].
5. For U-NII-2C, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.01-6)].
6. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.01-6) = 27.99 dBm.

802.11ac (VHT80) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	16.02	16.27	82.359	19.16	21.99	Pass
58	5290	16.47	17.02	94.711	19.76	21.99	Pass
106	5530	15.67	15.85	75.357	18.77	21.99	Pass
122	5610	18.42	18.67	143.123	21.56	21.99	Pass
*138 (U-NII-2C)	5690	16.95	17.56	106.561	20.28	21.99	Pass
*138 (U-NII-3)	5690	2.10	2.61	3.446	5.37	27.99	Pass
155	5775	19.59	19.54	180.941	22.58	27.99	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.01-6) = 21.99 dBm.
4. For U-NII-2A, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.01-6)].
5. For U-NII-2C, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.01-6)].
6. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.01-6) = 27.99 dBm.

802.11ax (HE20) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	18.87	18.81	153.123	21.85	21.99	Pass
40	5200	18.73	18.89	152.091	21.82	21.99	Pass
48	5240	18.92	18.93	156.146	21.94	21.99	Pass
52	5260	18.88	18.94	155.611	21.92	21.99	Pass
60	5300	18.88	18.88	154.536	21.89	21.99	Pass
64	5320	18.92	18.91	155.787	21.93	21.99	Pass
100	5500	18.87	18.77	152.426	21.83	21.99	Pass
116	5580	18.75	18.97	153.875	21.87	21.99	Pass
140	5700	17.07	17.19	103.293	20.14	21.99	Pass
*144 (U-NII-2C)	5720	15.23	15.41	68.096	18.33	20.79	Pass
*144 (U-NII-3)	5720	7.43	7.72	11.449	10.59	27.99	Pass
149	5745	22.45	22.44	351.18	25.46	27.99	Pass
157	5785	22.14	22.47	340.285	25.32	27.99	Pass
165	5825	22.32	22.46	346.806	25.40	27.99	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.01-6) = 21.99 dBm.
4. For U-NII-2A, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.01-6)].
5. For U-NII-2C, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.01-6)].
6. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.01-6) = 27.99 dBm.

802.11ax (HE40) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
38	5190	17.84	18.00	123.909	20.93	21.99	Pass
46	5230	18.80	18.99	155.108	21.91	21.99	Pass
54	5270	18.65	18.97	152.168	21.82	21.99	Pass
62	5310	16.82	17.05	98.783	19.95	21.99	Pass
102	5510	16.75	16.71	94.196	19.74	21.99	Pass
110	5550	18.80	18.91	153.661	21.87	21.99	Pass
134	5670	17.66	17.90	120.004	20.79	21.99	Pass
*142 (U-NII-2C)	5710	17.21	17.57	109.75	20.40	21.99	Pass
*142 (U-NII-3)	5710	4.11	4.52	5.408	7.33	27.99	Pass
151	5755	21.02	21.44	265.789	24.25	27.99	Pass
159	5795	20.92	21.42	262.27	24.19	27.99	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.01-6) = 21.99 dBm.
4. For U-NII-2A, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.01-6)].
5. For U-NII-2C, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.01-6)].
6. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.01-6) = 27.99 dBm.

802.11ax (HE80) Beamforming

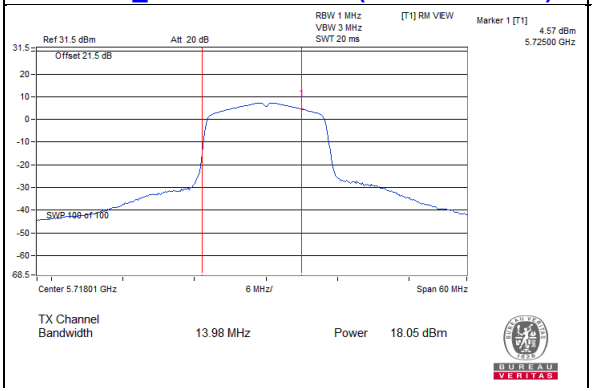
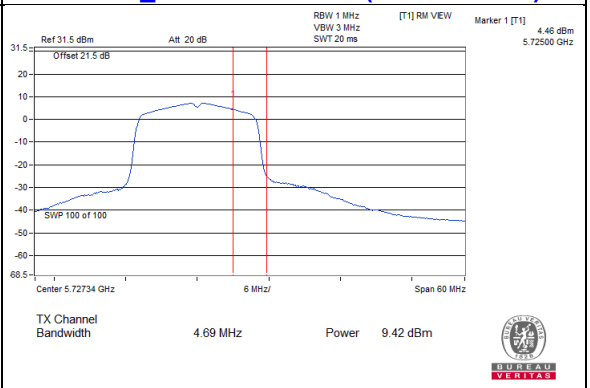
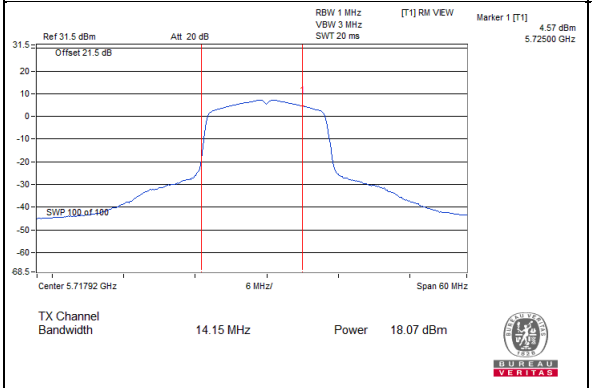
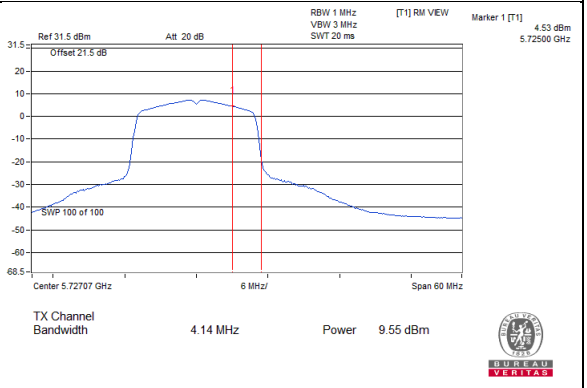
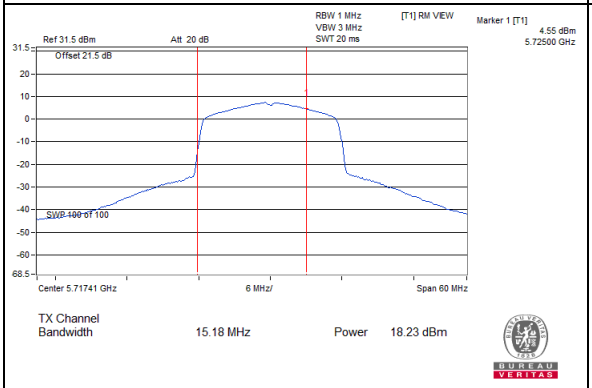
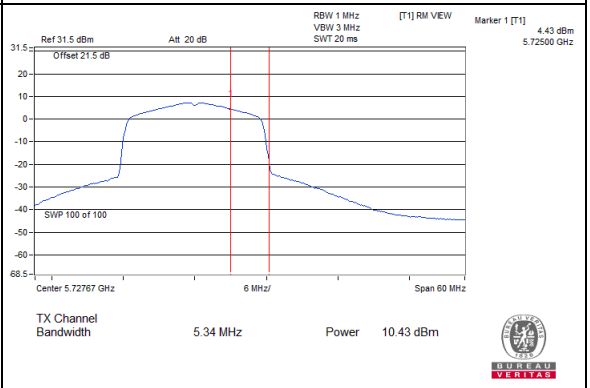
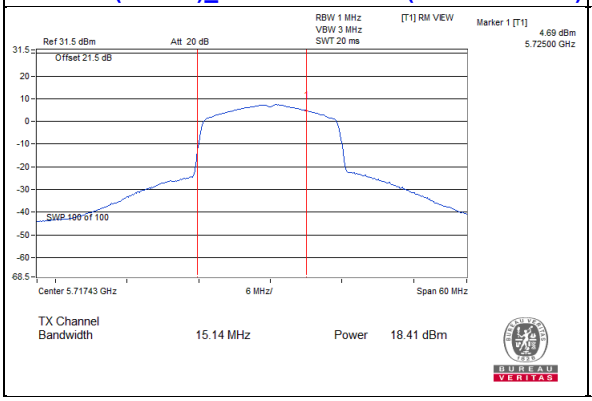
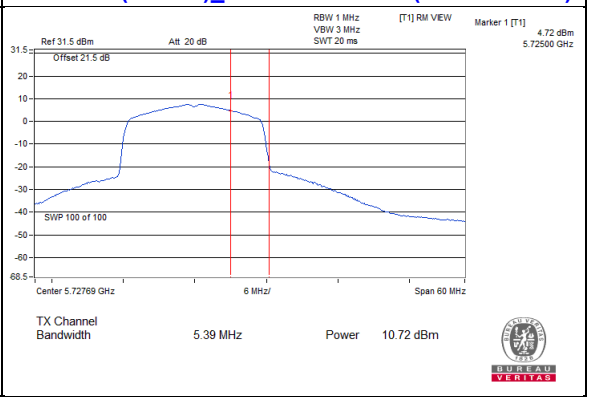
Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	16.23	16.56	87.266	19.41	21.99	Pass
58	5290	16.72	17.25	100.078	20.00	21.99	Pass
106	5530	15.94	16.13	80.285	19.05	21.99	Pass
122	5610	18.63	18.89	150.392	21.77	21.99	Pass
*138 (U-NII-2C)	5690	16.95	17.56	106.561	20.28	21.99	Pass
*138 (U-NII-3)	5690	2.10	2.61	3.446	5.37	27.99	Pass
155	5775	19.85	19.75	191.011	22.81	27.99	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.01-6) = 21.99 dBm.
4. For U-NII-2A, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.01-6)].
5. For U-NII-2C, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.01-6)].
6. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.01-6) = 27.99 dBm.

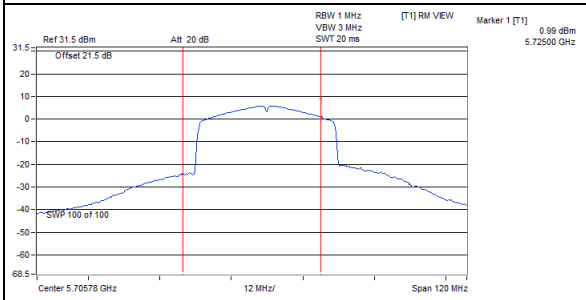
For channel straddling 5725MHz of Power

CDD Mode:

Spectrum Plot Value of Power	
802.11a_Chain 0 / CH144 (U-NII-2C Band)	**802.11a_Chain 0 / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 13.98 MHz Power 18.05 dBm	 TX Channel Bandwidth 4.69 MHz Power 9.42 dBm
802.11a_Chain 1 / CH144 (U-NII-2C Band)	**802.11a_Chain 1 / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 14.15 MHz Power 18.07 dBm	 TX Channel Bandwidth 4.14 MHz Power 9.55 dBm
802.11ac (VHT20)_Chain 0 / CH144 (U-NII-2C Band)	**802.11ac (VHT20)_Chain 0 / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 15.18 MHz Power 18.23 dBm	 TX Channel Bandwidth 5.34 MHz Power 10.43 dBm
802.11ac (VHT20)_Chain 1 / CH144 (U-NII-2C Band)	**802.11ac (VHT20)_Chain 1 / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 15.14 MHz Power 18.41 dBm	 TX Channel Bandwidth 5.39 MHz Power 10.72 dBm

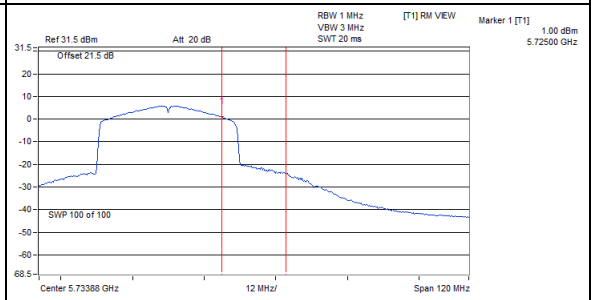
Spectrum Plot Value of Power

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



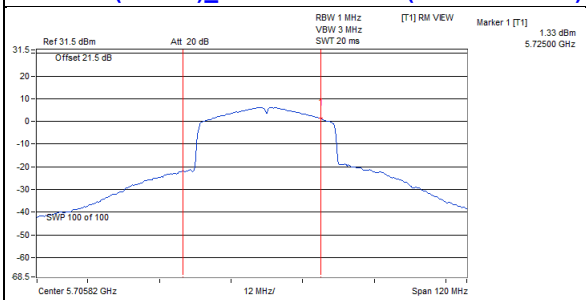
TX Channel Bandwidth 38.44 MHz Power 20.21 dBm

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



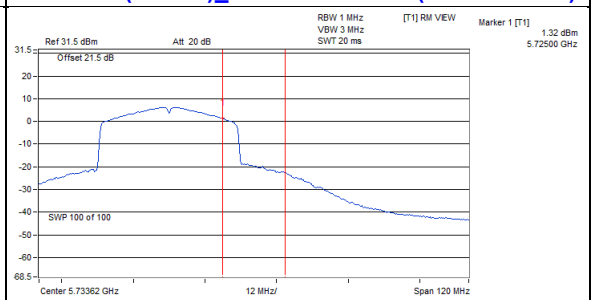
TX Channel Bandwidth 17.76 MHz Power 7.11 dBm

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



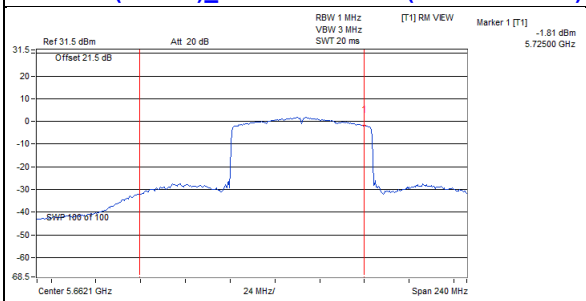
TX Channel Bandwidth 38.35 MHz Power 20.57 dBm

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



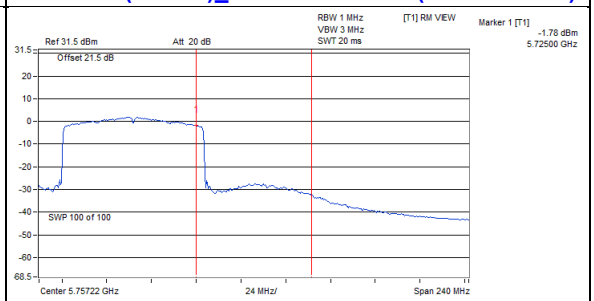
TX Channel Bandwidth 17.25 MHz Power 7.52 dBm

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



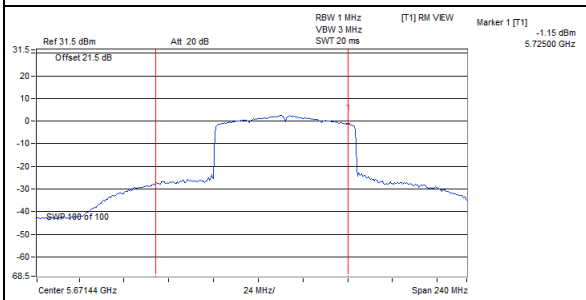
TX Channel Bandwidth 125.79 MHz Power 19.95 dBm

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



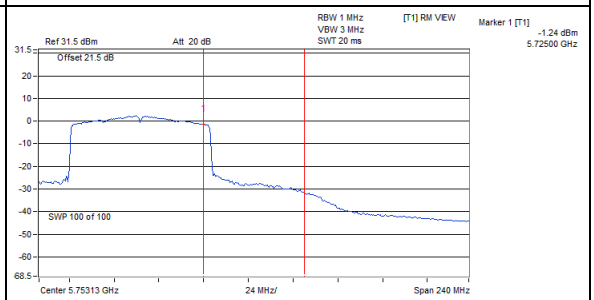
TX Channel Bandwidth 64.44 MHz Power 5.1 dBm

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



TX Channel Bandwidth 107.12 MHz Power 20.56 dBm

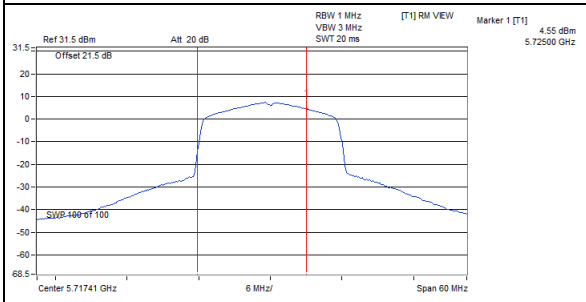
802.11ac (VHT80)_Chain 1 / CH138 (U-NII-3 Band)



TX Channel Bandwidth 56.26 MHz Power 5.61 dBm

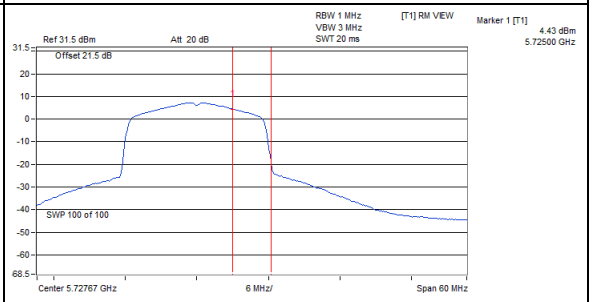
Spectrum Plot Value of Power

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



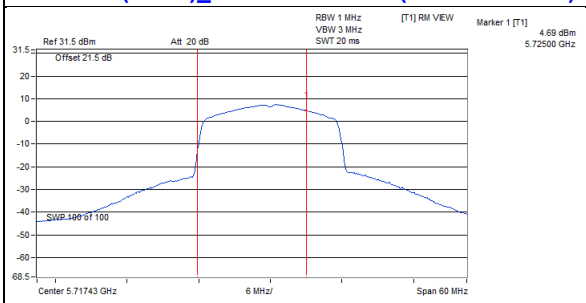
TX Channel Bandwidth 15.18 MHz Power 18.23 dBm

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



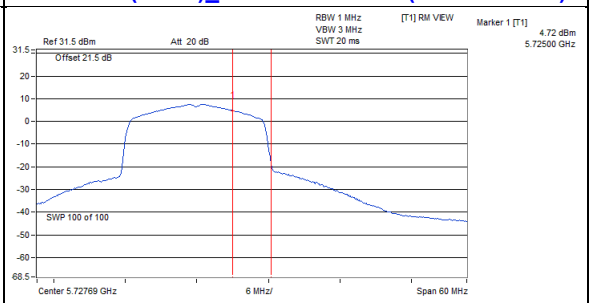
TX Channel Bandwidth 5.34 MHz Power 10.43 dBm

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



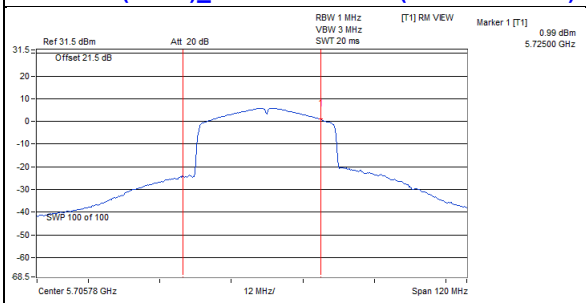
TX Channel Bandwidth 15.14 MHz Power 18.41 dBm

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



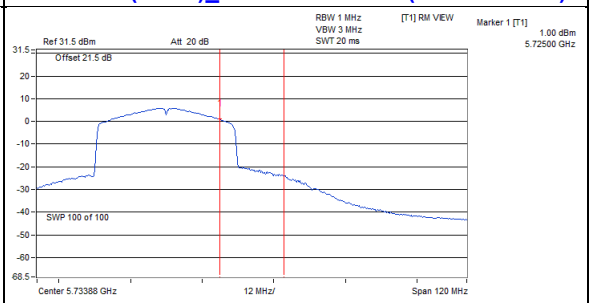
TX Channel Bandwidth 5.39 MHz Power 10.72 dBm

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



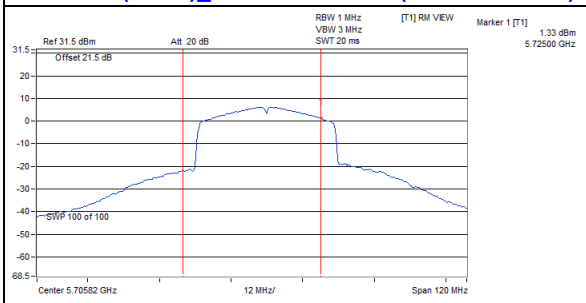
TX Channel Bandwidth 38.44 MHz Power 20.21 dBm

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



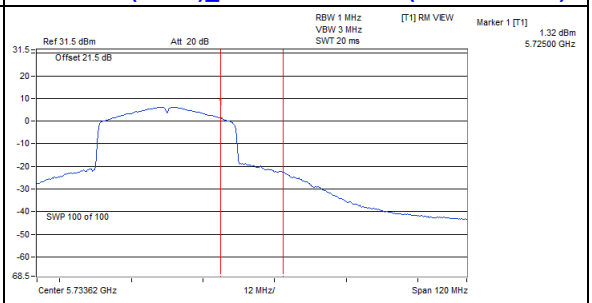
TX Channel Bandwidth 17.76 MHz Power 7.11 dBm

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

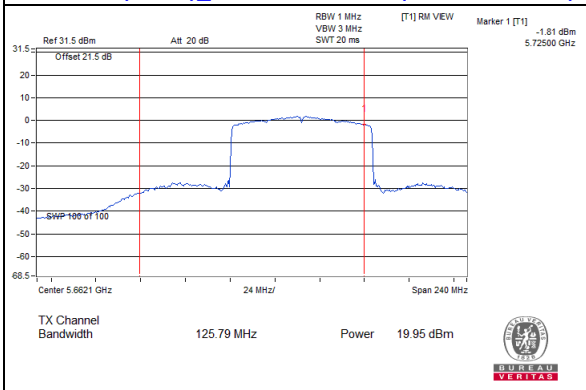
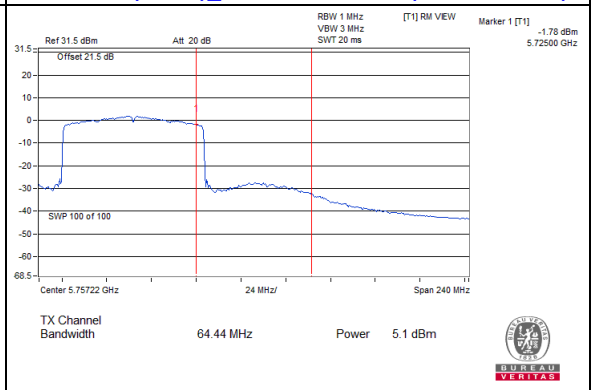
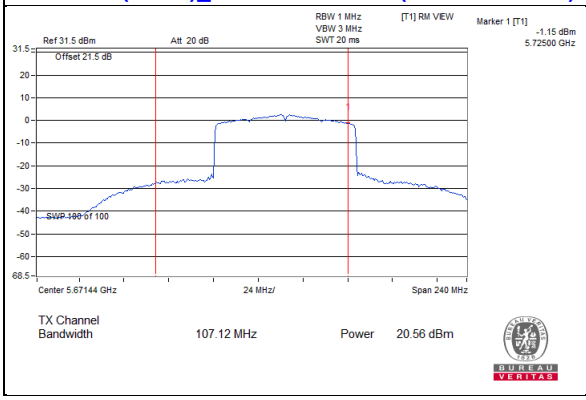
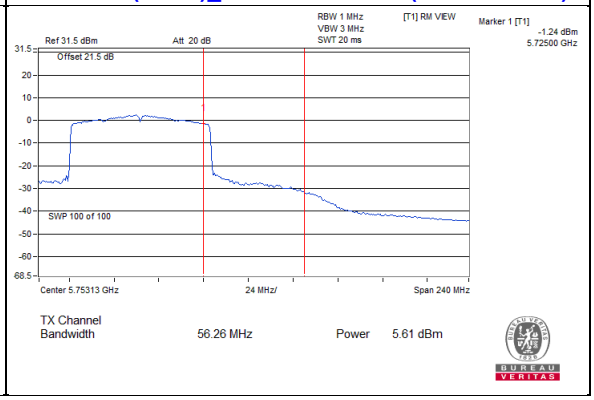


TX Channel Bandwidth 38.35 MHz Power 20.57 dBm

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

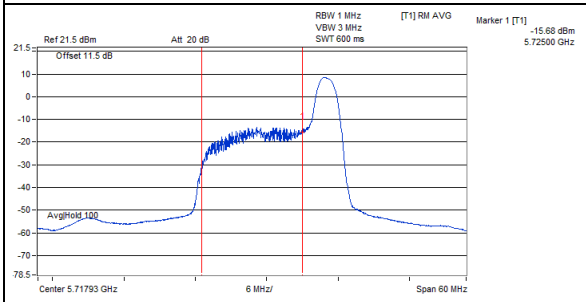


TX Channel Bandwidth 17.25 MHz Power 7.52 dBm

Spectrum Plot Value of Power	
802.11ax (HE80)_Chain 0 / CH138 (U-NII-2C Band)	**802.11ax (HE80)_Chain 0 / CH138 (U-NII-3 Band)**
 TX Channel Bandwidth 125.79 MHz Power 19.95 dBm	 TX Channel Bandwidth 64.44 MHz Power 5.1 dBm
802.11ax (HE80)_Chain 1 / CH138 (U-NII-2C Band)	**802.11ax (HE80)_Chain 1 / CH138 (U-NII-3 Band)**
 TX Channel Bandwidth 107.12 MHz Power 20.56 dBm	 TX Channel Bandwidth 56.26 MHz Power 5.61 dBm

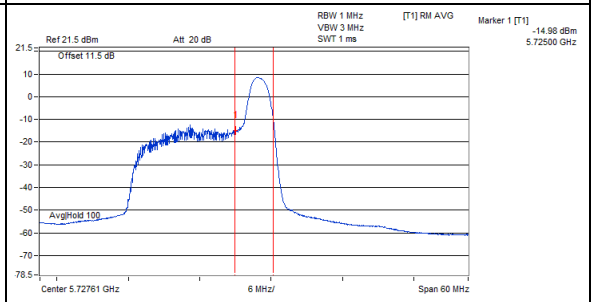
Spectrum Plot Value of Power

802.11ax (RU26)_Chain 0 / CH144 (U-NII-2C Band)



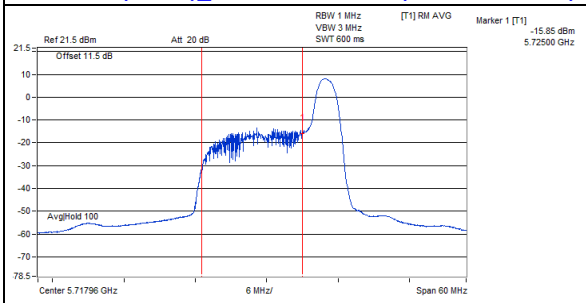
TX Channel Bandwidth 14.13 MHz Power -6.21 dBm

802.11ax (RU26)_Chain 0 / CH144 (U-NII-3 Band)



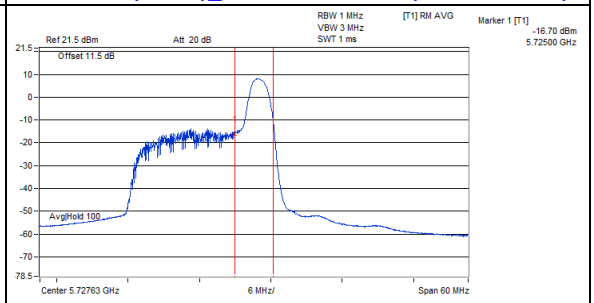
TX Channel Bandwidth 5.23 MHz Power 11.12 dBm

802.11ax (RU26)_Chain 1 / CH144 (U-NII-2C Band)



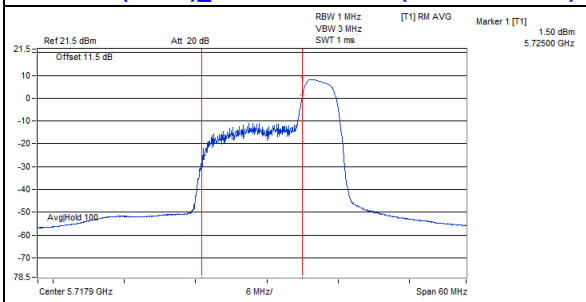
TX Channel Bandwidth 14.08 MHz Power -6.89 dBm

802.11ax (RU26)_Chain 1 / CH144 (U-NII-3 Band)



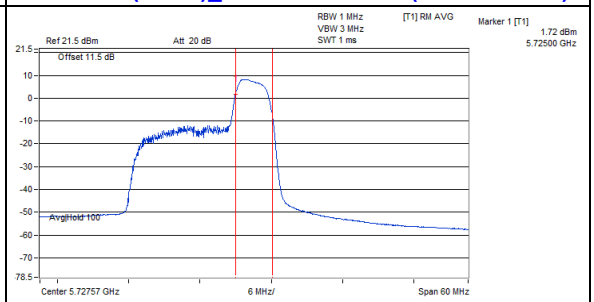
TX Channel Bandwidth 5.27 MHz Power 10.76 dBm

802.11ax (RU52)_Chain 0 / CH144 (U-NII-2C Band)



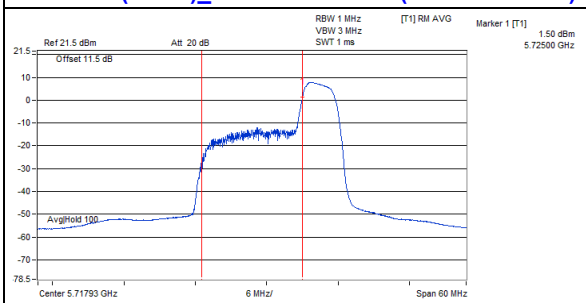
TX Channel Bandwidth 14.2 MHz Power -1.31 dBm

802.11ax (RU52)_Chain 0 / CH144 (U-NII-3 Band)



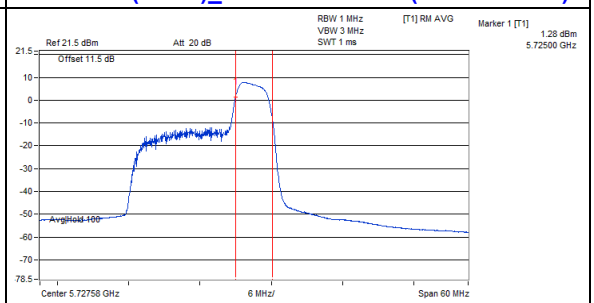
TX Channel Bandwidth 5.15 MHz Power 13.11 dBm

802.11ax (RU52)_Chain 1 / CH144 (U-NII-2C Band)

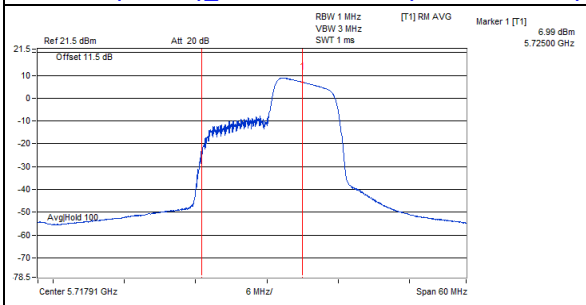
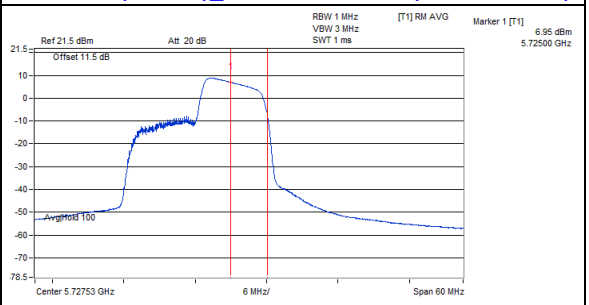
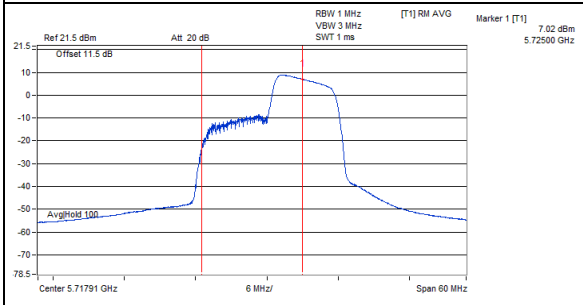
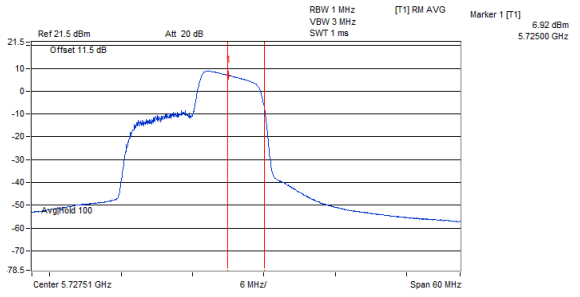


TX Channel Bandwidth 14.13 MHz Power -1.77 dBm

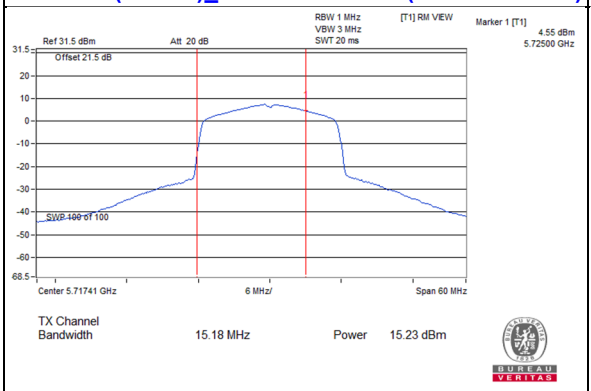
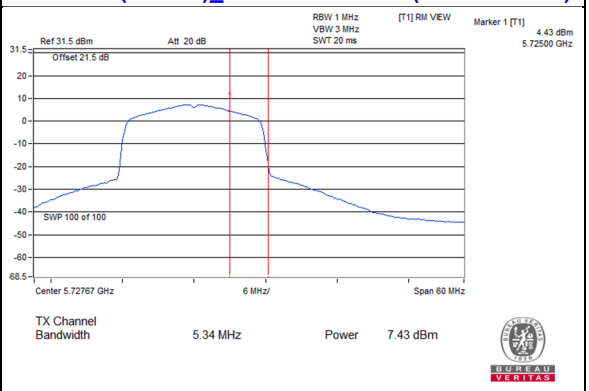
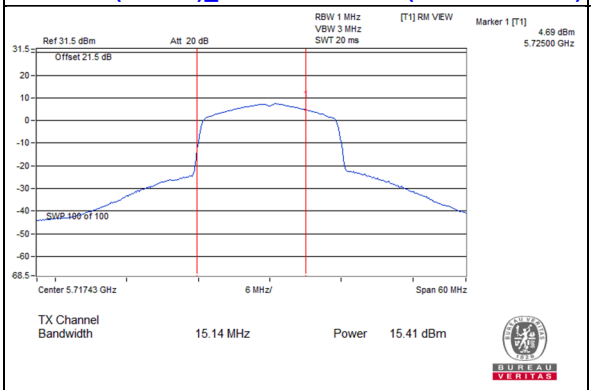
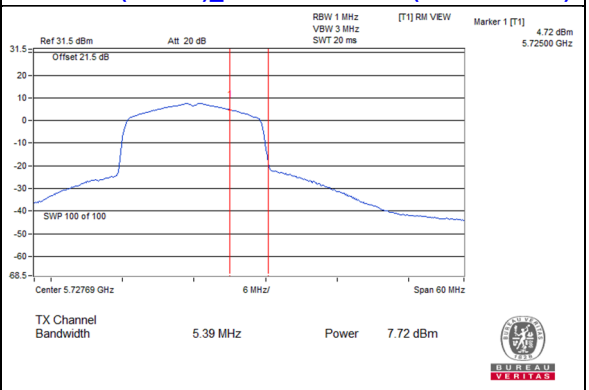
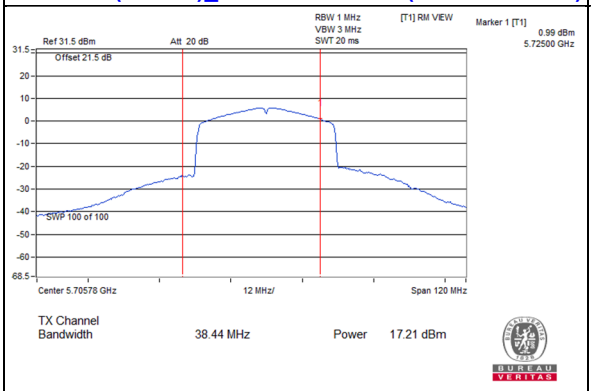
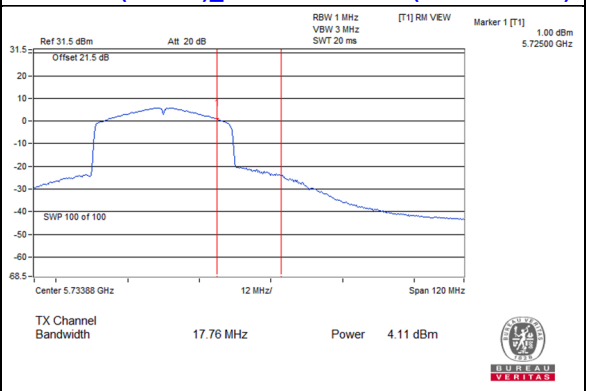
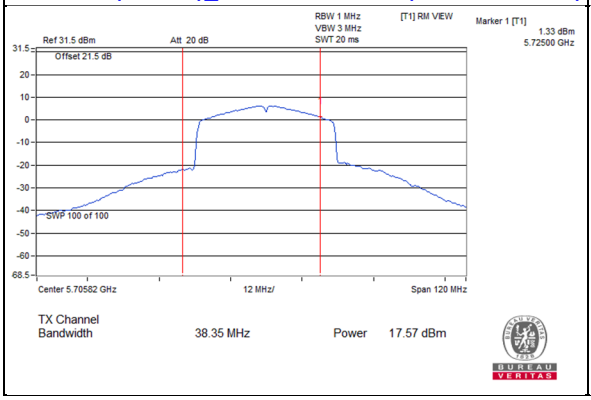
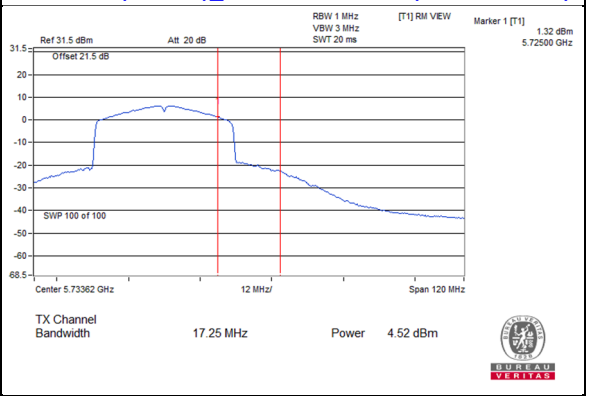
802.11ax (RU52)_Chain 1 / CH144 (U-NII-3 Band)

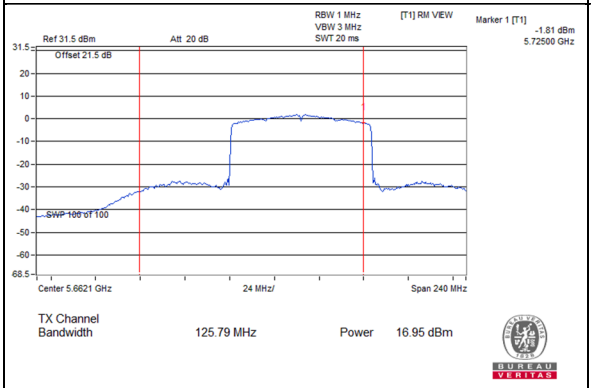
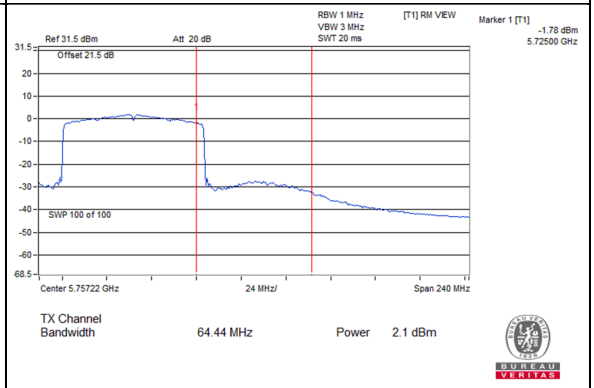
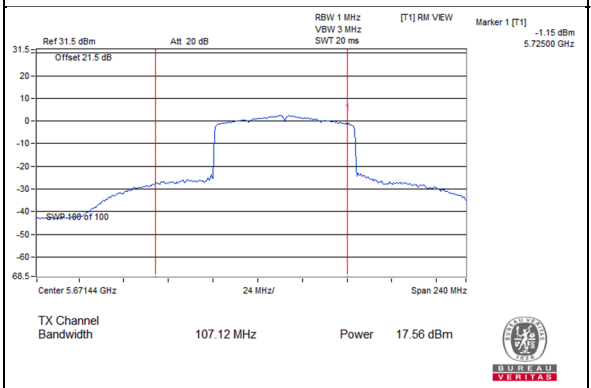
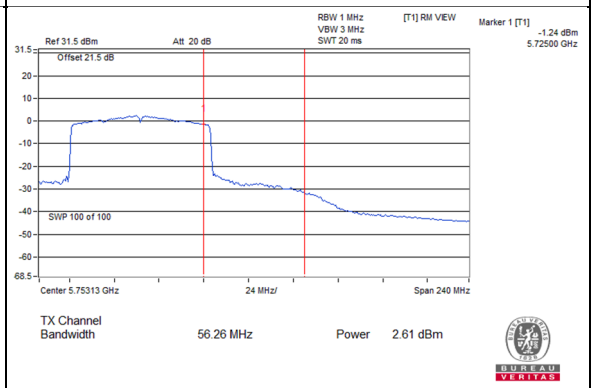
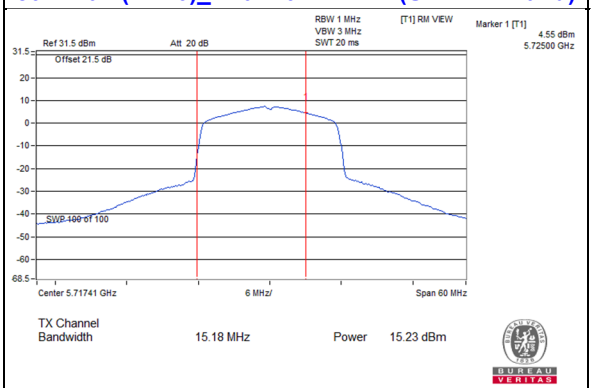
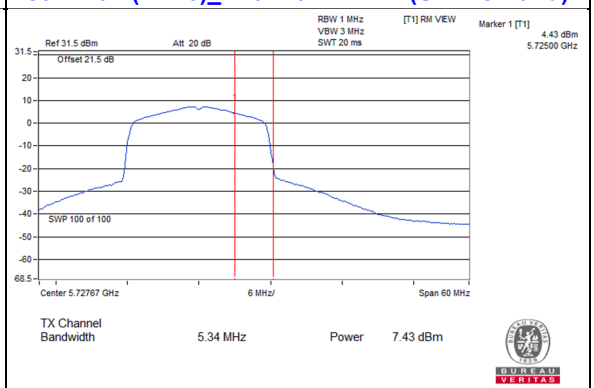
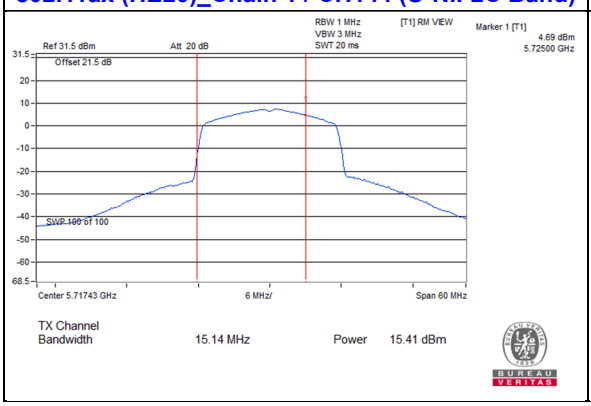
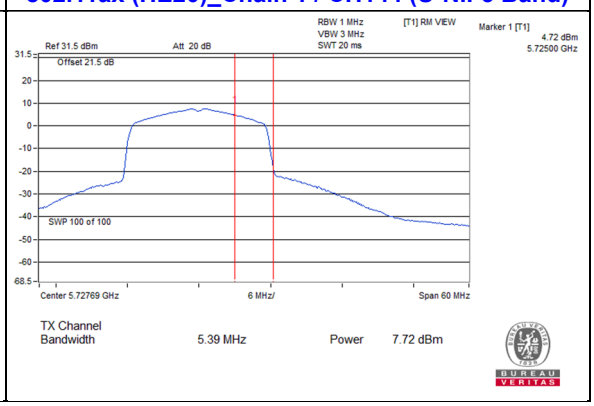


TX Channel Bandwidth 5.16 MHz Power 12.65 dBm

Spectrum Plot Value of Power	
802.11ax (RU106)_Chain 0 / CH144 (U-NII-2C Band)	**802.11ax (RU106)_Chain 0 / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 14.18 MHz Power 13.92 dBm	 TX Channel Bandwidth 5.06 MHz Power 11.42 dBm
802.11ax (RU106)_Chain 1 / CH144 (U-NII-2C Band)	**802.11ax (RU106)_Chain 1 / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 14.17 MHz Power 13.94 dBm	 TX Channel Bandwidth 5.03 MHz Power 11.41 dBm

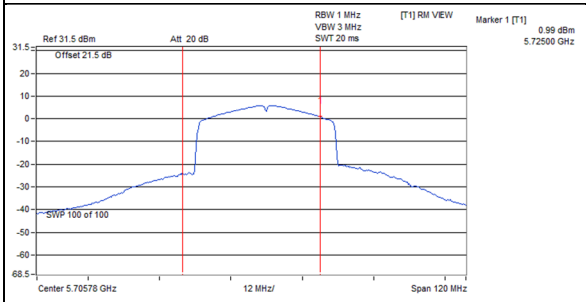
Beamforming Mode:

Spectrum Plot Value of Power	
802.11ac (VHT20)_Chain 0 / CH144 (U-NII-2C Band)	**802.11ac (VHT20)_Chain 0 / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 15.18 MHz Power 15.23 dBm	 TX Channel Bandwidth 5.34 MHz Power 7.43 dBm
802.11ac (VHT20)_Chain 1 / CH144 (U-NII-2C Band)	**802.11ac (VHT20)_Chain 1 / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 15.14 MHz Power 15.41 dBm	 TX Channel Bandwidth 5.39 MHz Power 7.72 dBm
802.11ac (VHT40)_Chain 0 / CH142 (U-NII-2C Band)	**802.11ac (VHT40)_Chain 0 / CH142 (U-NII-3 Band)**
 TX Channel Bandwidth 38.44 MHz Power 17.21 dBm	 TX Channel Bandwidth 17.76 MHz Power 4.11 dBm
802.11ac (VHT40)_Chain 1 / CH142 (U-NII-2C Band)	**802.11ac (VHT40)_Chain 1 / CH142 (U-NII-3 Band)**
 TX Channel Bandwidth 38.35 MHz Power 17.57 dBm	 TX Channel Bandwidth 17.25 MHz Power 4.52 dBm

Spectrum Plot Value of Power	
802.11ac (VHT80)_Chain 0 / CH138 (U-NII-2C Band)	**802.11ac (VHT80)_Chain 0 / CH138 (U-NII-3 Band)**
	
802.11ac (VHT80)_Chain 1 / CH138 (U-NII-2C Band)	**802.11ac (VHT80)_Chain 1 / CH138 (U-NII-3 Band)**
	
802.11ax (HE20)_Chain 0 / CH144 (U-NII-2C Band)	**802.11ax (HE20)_Chain 0 / CH144 (U-NII-3 Band)**
	
802.11ax (HE20)_Chain 1 / CH144 (U-NII-2C Band)	**802.11ax (HE20)_Chain 1 / CH144 (U-NII-3 Band)**
	

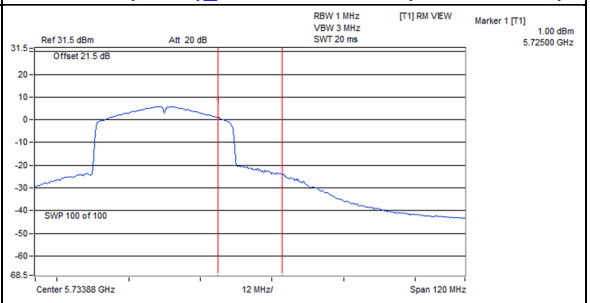
Spectrum Plot Value of Power

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



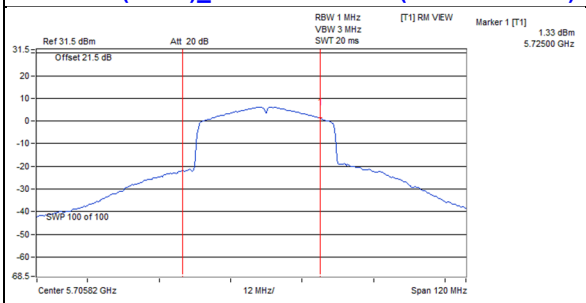
TX Channel Bandwidth 38.44 MHz Power 17.21 dBm

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



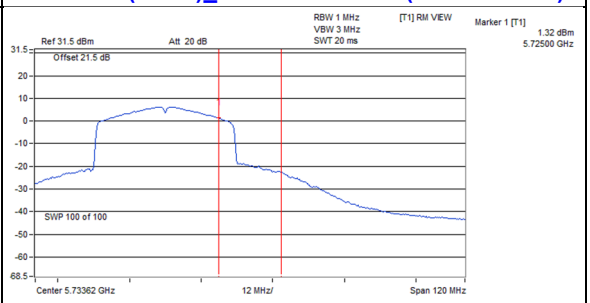
TX Channel Bandwidth 17.76 MHz Power 4.11 dBm

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



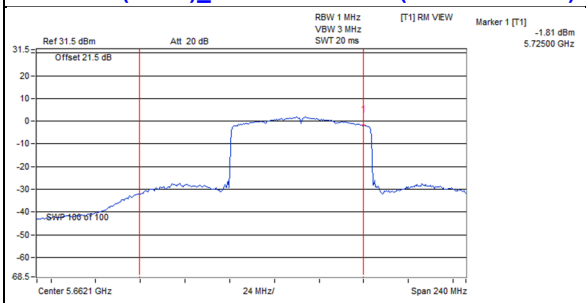
TX Channel Bandwidth 38.35 MHz Power 17.57 dBm

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



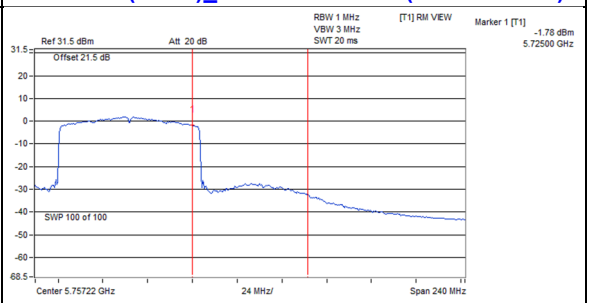
TX Channel Bandwidth 17.25 MHz Power 4.52 dBm

802.11ax (HE80)_Chain 0 / CH138 (U-NII-2C Band)



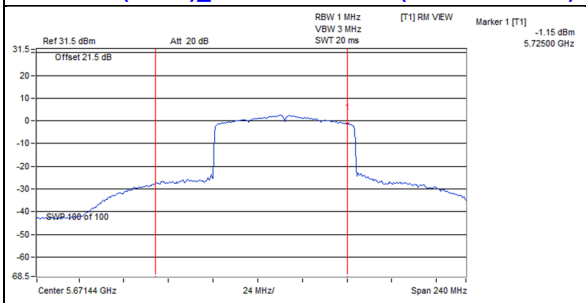
TX Channel Bandwidth 125.79 MHz Power 16.95 dBm

802.11ax (HE80)_Chain 0 / CH138 (U-NII-3 Band)



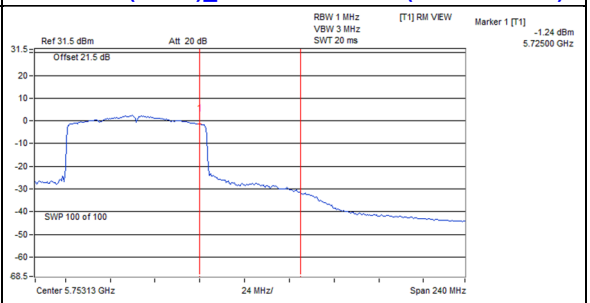
TX Channel Bandwidth 64.44 MHz Power 2.1 dBm

802.11ax (HE80)_Chain 1 / CH138 (U-NII-2C Band)



TX Channel Bandwidth 107.12 MHz Power 17.56 dBm

802.11ax (HE80)_Chain 1 / CH138 (U-NII-3 Band)



TX Channel Bandwidth 56.26 MHz Power 2.61 dBm

7.3 Power Spectral Density

Mode E

Input Power:	3.3 Vdc	Environmental Conditions:	24°C, 64% RH	Tested By:	John Peng

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	9.85	11.00	Pass
40	5200	9.92	11.00	Pass
48	5240	9.63	11.00	Pass
52	5260	9.75	11.00	Pass
60	5300	9.80	11.00	Pass
64	5320	8.68	11.00	Pass
100	5500	7.59	11.00	Pass
116	5580	9.70	11.00	Pass
140	5700	6.09	11.00	Pass
144 (U-NII-2C)	5720	9.37	11.00	Pass

Notes:

1. For U-NII-1, the antenna gain is 5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	7.16	11.00	Pass
40	5200	7.88	11.00	Pass
48	5240	9.01	11.00	Pass
52	5260	7.98	11.00	Pass
60	5300	8.06	11.00	Pass
64	5320	5.98	11.00	Pass
100	5500	5.26	11.00	Pass
116	5580	8.13	11.00	Pass
140	5700	3.00	11.00	Pass
144 (U-NII-2C)	5720	8.50	11.00	Pass

Notes:

1. For U-NII-1, the antenna gain is 5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
38	5190	1.34	11.00	Pass
46	5230	4.05	11.00	Pass
54	5270	3.96	11.00	Pass
62	5310	0.82	11.00	Pass
102	5510	-1.00	11.00	Pass
110	5550	4.18	11.00	Pass
134	5670	1.34	11.00	Pass
142 (U-NII-2C)	5710	4.83	11.00	Pass

Notes:

1. For U-NII-1, the antenna gain is 5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
42	5210	-0.91	11.00	Pass
58	5290	-1.66	11.00	Pass
106	5530	-1.54	11.00	Pass
122	5610	0.57	11.00	Pass
138 (U-NII-2C)	5690	0.47	11.00	Pass

Notes:

1. For U-NII-1, the antenna gain is 5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
26/0	36	5180	10.66	11.00	Pass
26/4	40	5200	10.71	11.00	Pass
26/8	48	5240	10.96	11.00	Pass
26/0	52	5260	10.39	11.00	Pass
26/4	60	5300	10.86	11.00	Pass
26/8	64	5320	10.85	11.00	Pass
26/0	100	5500	10.96	11.00	Pass
26/4	116	5580	10.51	11.00	Pass
26/8	140	5700	10.71	11.00	Pass
26/8	144 (U-NII-2C)	5720	-12.10	11.00	Pass

Notes:

1. For U-NII-1, the antenna gain is 5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
52/37	36	5180	10.73	11.00	Pass
52/39	40	5200	10.71	11.00	Pass
52/40	48	5240	10.73	11.00	Pass
52/37	52	5260	10.68	11.00	Pass
52/39	60	5300	10.74	11.00	Pass
52/40	64	5320	10.80	11.00	Pass
52/37	100	5500	10.35	11.00	Pass
52/39	116	5580	10.76	11.00	Pass
52/40	140	5700	10.83	11.00	Pass
52/40	144 (U-NII-2C)	5720	2.07	11.00	Pass

Notes:

1. For U-NII-1, the antenna gain is 5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (RU106)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
106/53	36	5180	10.68	11.00	Pass
106/53	40	5200	10.94	11.00	Pass
106/54	48	5240	10.88	11.00	Pass
106/53	52	5260	10.76	11.00	Pass
106/54	60	5300	10.78	11.00	Pass
106/54	64	5320	10.69	11.00	Pass
106/53	100	5500	10.75	11.00	Pass
106/53	116	5580	10.88	11.00	Pass
106/54	140	5700	10.20	11.00	Pass
106/54	144 (U-NII-2C)	5720	10.97	11.00	Pass

Notes:

1. For U-NII-1, the antenna gain is 5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	-0.95	1.27	30	Pass
149	5745	1.76	3.98	30	Pass
157	5785	1.74	3.96	30	Pass
165	5825	1.95	4.17	30	Pass

Note: For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	-2.71	-0.49	30	Pass
149	5745	-1.38	0.84	30	Pass
157	5785	-0.91	1.31	30	Pass
165	5825	-0.99	1.23	30	Pass

Note: For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
142 (U-NII-3)	5710	-8.74	-6.52	30	Pass
151	5755	-4.74	-2.52	30	Pass
159	5795	-4.48	-2.26	30	Pass

Note: For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
138 (U-NII-3)	5690	-10.85	-8.63	30	Pass
155	5775	-7.85	-5.63	30	Pass

Note: For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
26/8	144 (U-NII-3)	5720	6.05	8.27	30	Pass
26/0	149	5745	11.51	13.73	30	Pass
26/4	157	5785	11.02	13.24	30	Pass
26/8	165	5825	11.65	13.87	30	Pass

Note: For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
52/40	144 (U-NII-3)	5720	6.81	9.03	30	Pass
52/37	149	5745	9.53	11.75	30	Pass
52/39	157	5785	9.25	11.47	30	Pass
52/40	165	5825	10.08	12.30	30	Pass

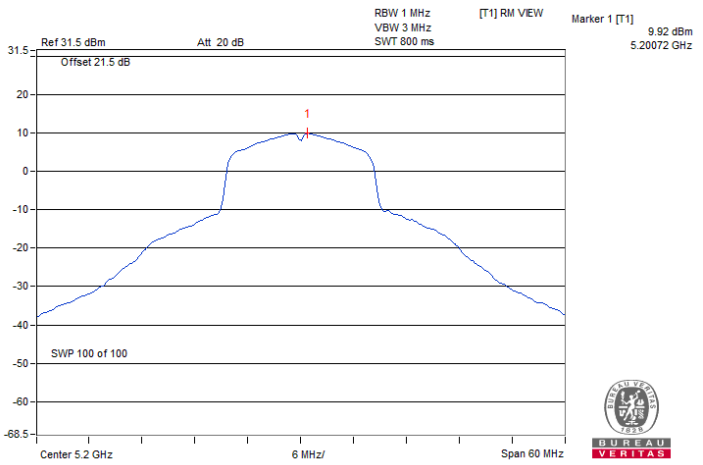
Note: For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (RU106)

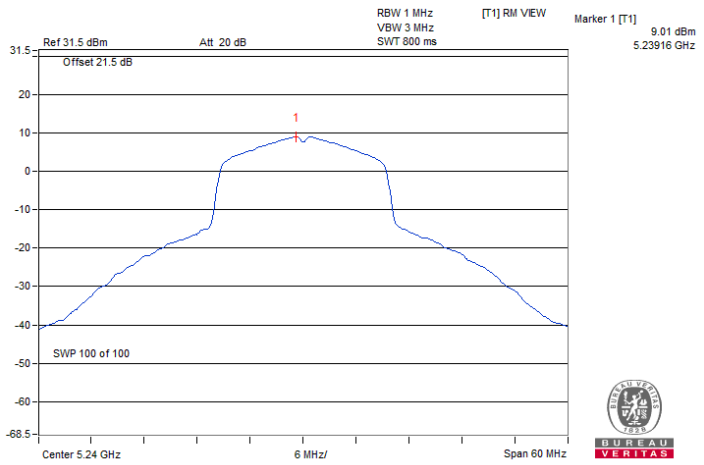
RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
106/54	144 (U-NII-3)	5720	5.29	7.51	30	Pass
106/53	149	5745	7.41	9.63	30	Pass
106/54	157	5785	7.4	9.62	30	Pass
106/54	165	5825	7.58	9.80	30	Pass

Note: For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the power density limit shall not be reduced.

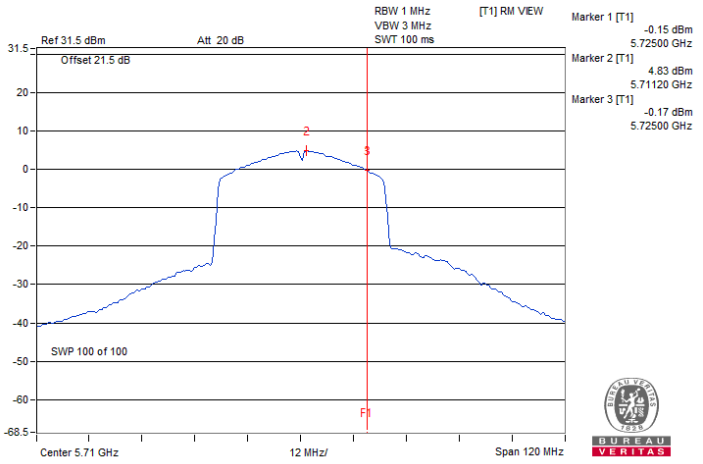
Spectrum Plot of Maximum Value



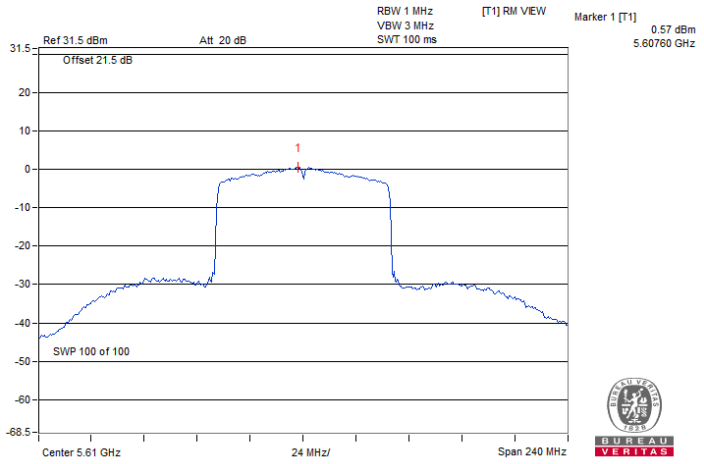
802.11a : CH 40



802.11ax (HE20) : CH 48

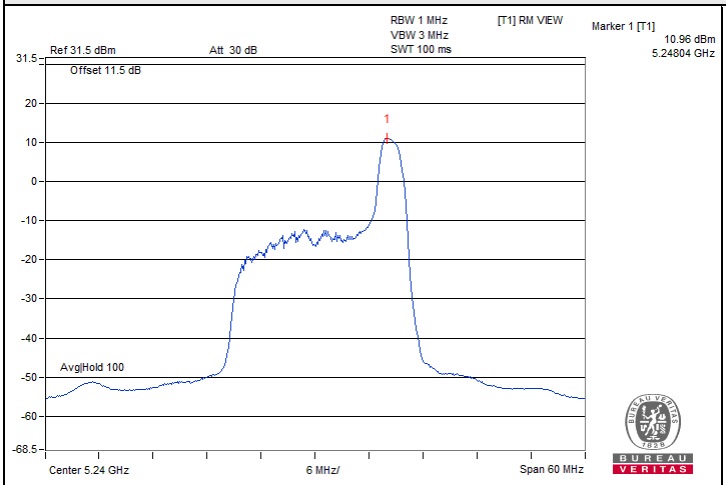


802.11ax (HE40) : CH 142 (U-NII-2C)

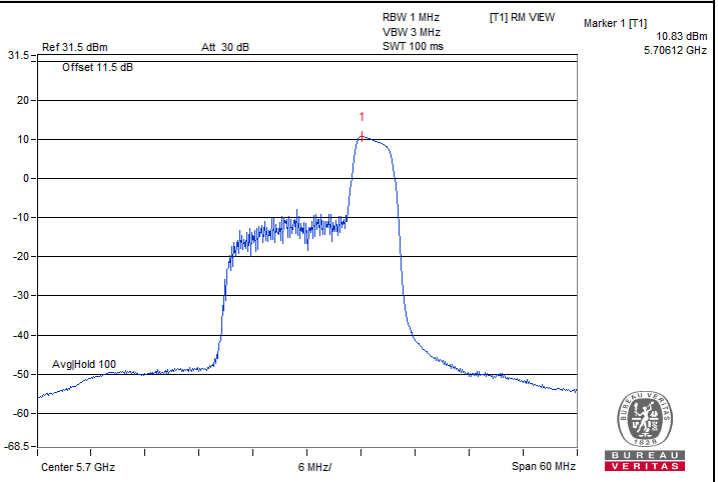


802.11ax (HE80) : CH 122

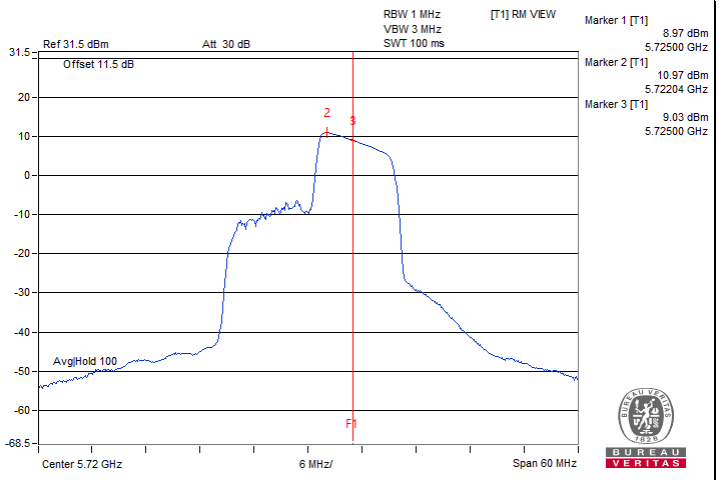
Spectrum Plot of Maximum Value



802.11ax (RU26) : CH 48

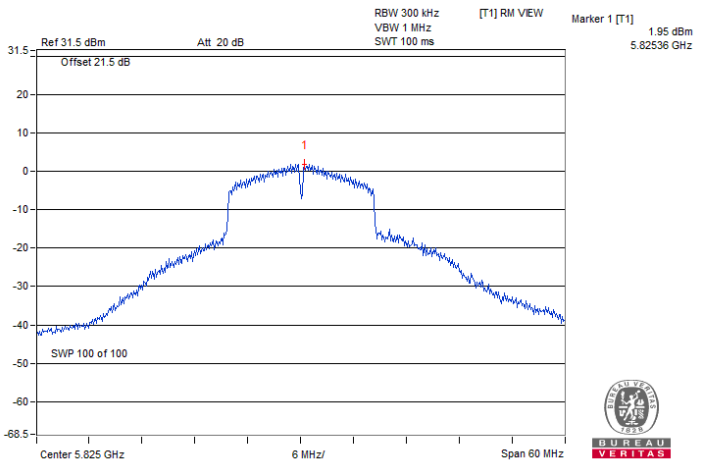


802.11ax (RU52) : CH 140

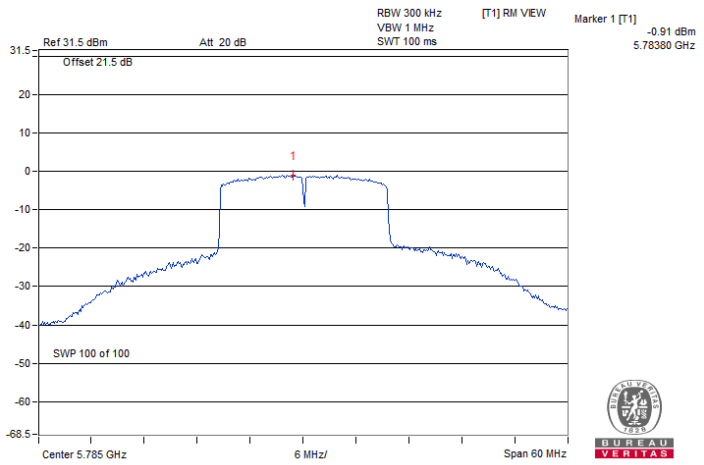


802.11ax (RU106) : CH 144 (U-NII-2C)

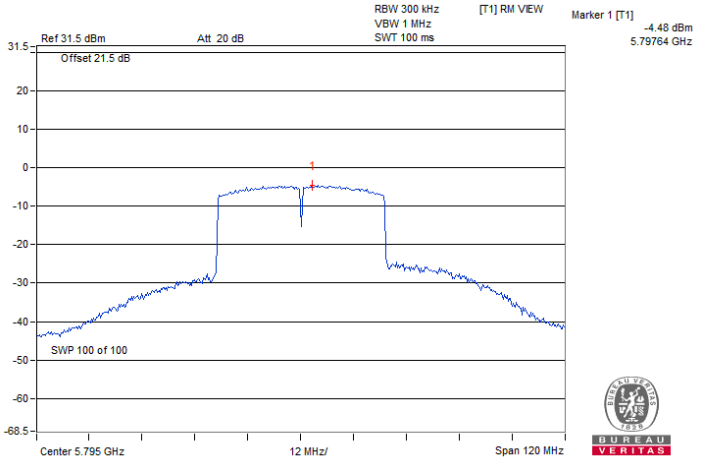
Spectrum Plot of Maximum Value



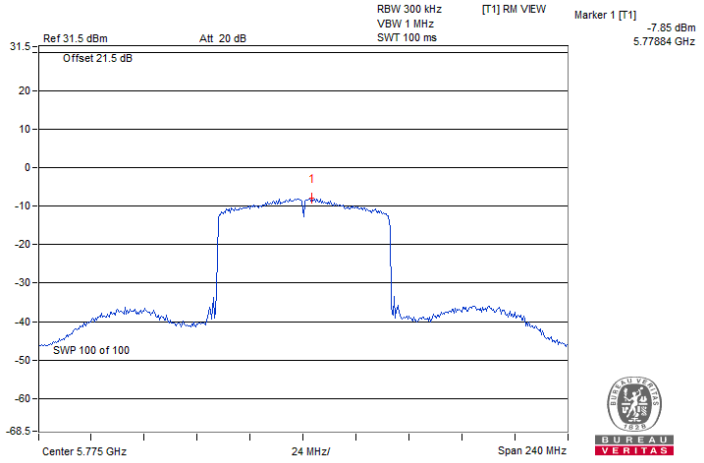
802.11a : CH 165



802.11ax (HE20) : CH 157

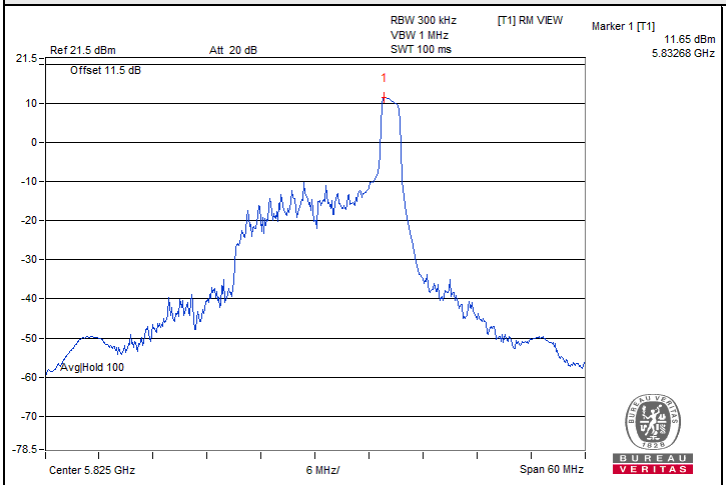


802.11ax (HE40) : CH 159

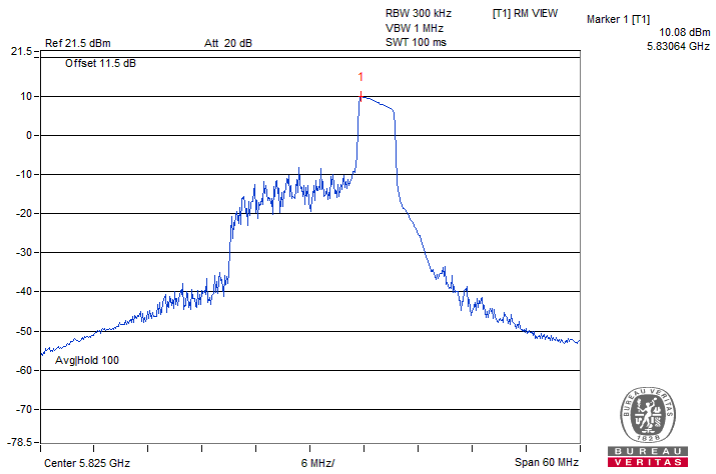


802.11ax (HE80) : CH 155

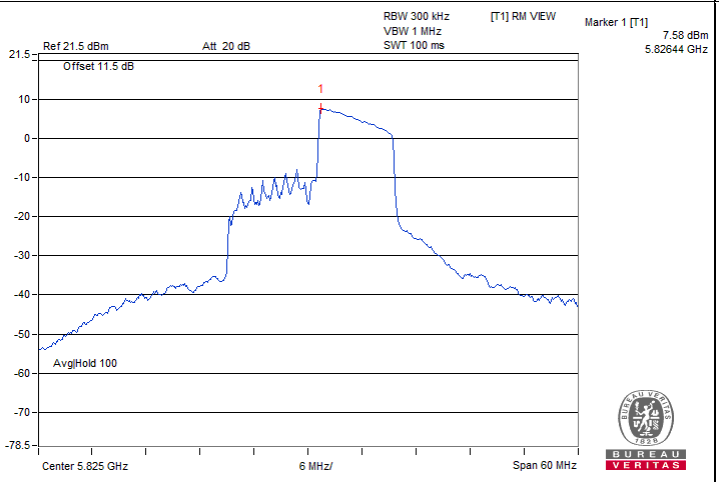
Spectrum Plot of Maximum Value



802.11ax (RU26) : CH 165



802.11ax (RU52) : CH 165



802.11ax (RU106) : CH 165

Mode F

Input Power:	3.3 Vdc	Environmental Conditions:	24°C, 64% RH	Tested By:	John Peng

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1			
36	5180	4.41	4.56	7.50	8.99	Pass
40	5200	4.89	4.83	7.87	8.99	Pass
48	5240	4.84	4.77	7.82	8.99	Pass
52	5260	4.83	4.83	7.84	8.99	Pass
60	5300	4.80	4.69	7.76	8.99	Pass
64	5320	4.94	4.80	7.88	8.99	Pass
100	5500	4.90	4.79	7.86	8.99	Pass
116	5580	4.82	4.99	7.92	8.99	Pass
140	5700	3.03	2.78	5.92	8.99	Pass
144 (U-NII-2C)	5720	5.04	4.36	7.72	8.99	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi > 6dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
4. For U-NII-2A, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
5. For U-NII-2C, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1			
36	5180	4.54	4.27	7.42	8.99	Pass
40	5200	4.79	4.72	7.77	8.99	Pass
48	5240	4.92	4.72	7.83	8.99	Pass
52	5260	4.64	4.79	7.73	8.99	Pass
60	5300	4.60	4.65	7.64	8.99	Pass
64	5320	4.73	4.83	7.79	8.99	Pass
100	5500	4.70	4.59	7.66	8.99	Pass
116	5580	4.53	4.94	7.75	8.99	Pass
140	5700	2.48	2.67	5.59	8.99	Pass
144 (U-NII-2C)	5720	4.53	4.47	7.51	8.99	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi > 6dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
4. For U-NII-2A, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
5. For U-NII-2C, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1			
38	5190	1.98	2.11	5.06	8.99	Pass
46	5230	5.06	5.32	8.20	8.99	Pass
54	5270	4.90	5.16	8.04	8.99	Pass
62	5310	1.00	1.21	4.12	8.99	Pass
102	5510	1.00	0.94	3.98	8.99	Pass
110	5550	5.05	5.13	8.10	8.99	Pass
134	5670	1.95	2.20	5.09	8.99	Pass
142 (U-NII-2C)	5710	3.53	2.73	6.16	8.99	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi > 6dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
4. For U-NII-2A, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
5. For U-NII-2C, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1			
42	5210	-2.85	-2.67	0.25	8.99	Pass
58	5290	-2.42	-2.09	0.76	8.99	Pass
106	5530	-3.12	-3.20	-0.15	8.99	Pass
122	5610	-0.35	-0.37	2.65	8.99	Pass
138 (U-NII-2C)	5690	1.06	0.93	4.01	8.99	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi > 6dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
4. For U-NII-2A, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
5. For U-NII-2C, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
			Chain 0	Chain 1			
26/0	36	5180	5.66	6.23	8.96	8.99	Pass
26/4	40	5200	5.33	5.57	8.46	8.99	Pass
26/8	48	5240	5.65	6.25	8.97	8.99	Pass
26/0	52	5260	5.55	6.24	8.92	8.99	Pass
26/4	60	5300	5.42	5.99	8.72	8.99	Pass
26/8	64	5320	5.85	6.07	8.97	8.99	Pass
26/0	100	5500	6.05	5.81	8.94	8.99	Pass
26/4	116	5580	5.53	6.05	8.81	8.99	Pass
26/8	140	5700	6.08	5.85	8.98	8.99	Pass
26/8	144 (U-NII-2C)	5720	-20.05	-20.15	-17.09	8.99	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi > 6dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
4. For U-NII-2A, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
5. For U-NII-2C, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
			Chain 0	Chain 1			
52/37	36	5180	6.23	5.63	8.95	8.99	Pass
52/39	40	5200	5.97	5.43	8.72	8.99	Pass
52/40	48	5240	6.20	5.66	8.95	8.99	Pass
52/37	52	5260	6.11	5.80	8.97	8.99	Pass
52/39	60	5300	6.03	5.75	8.90	8.99	Pass
52/40	64	5320	6.02	5.62	8.83	8.99	Pass
52/37	100	5500	5.71	5.54	8.64	8.99	Pass
52/39	116	5580	5.19	5.84	8.54	8.99	Pass
52/40	140	5700	5.38	5.64	8.52	8.99	Pass
52/40	144 (U-NII-2C)	5720	-5.78	-6.28	-3.01	8.99	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi > 6dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
4. For U-NII-2A, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
5. For U-NII-2C, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.

802.11ax (RU106)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
			Chain 0	Chain 1			
106/53	36	5180	5.97	5.15	8.59	8.99	Pass
106/53	40	5200	6.00	5.13	8.60	8.99	Pass
106/54	48	5240	6.07	5.44	8.78	8.99	Pass
106/53	52	5260	6.04	5.43	8.76	8.99	Pass
106/54	60	5300	6.30	5.58	8.97	8.99	Pass
106/54	64	5320	6.02	5.60	8.83	8.99	Pass
106/53	100	5500	5.87	5.34	8.62	8.99	Pass
106/53	116	5580	5.68	5.68	8.69	8.99	Pass
106/54	140	5700	5.72	5.24	8.50	8.99	Pass
106/54	144 (U-NII-2C)	5720	5.75	5.33	8.56	8.99	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi > 6dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
4. For U-NII-2A, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.
5. For U-NII-2C, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.01-6) = 8.99 dBm/MHz.

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1				
144 (U-NII-3)	5720	-4.85	-5.61	-2.2	0.02	27.99	Pass
149	5745	0.11	0.60	3.37	5.59	27.99	Pass
157	5785	0.14	0.60	3.39	5.61	27.99	Pass
165	5825	0.20	0.34	3.28	5.50	27.99	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.01-6) = 27.99 dBm/500kHz.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1				
144 (U-NII-3)	5720	-6.32	-6.50	-3.4	-1.18	27.99	Pass
149	5745	-1.14	-0.90	1.99	4.21	27.99	Pass
157	5785	-1.07	-1.24	1.86	4.08	27.99	Pass
165	5825	-0.81	-1.13	2.04	4.26	27.99	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.01-6) = 27.99 dBm/500kHz.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1				
142 (U-NII-3)	5710	-9.20	-10.37	-6.74	-4.52	27.99	Pass
151	5755	-3.75	-3.75	-0.74	1.48	27.99	Pass
159	5795	-3.42	-3.41	-0.4	1.82	27.99	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.01-6) = 27.99 dBm/500kHz.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1				
138 (U-NII-3)	5690	-10.91	-10.61	-7.75	-5.53	27.99	Pass
155	5775	-8.26	-8.13	-5.18	-2.96	27.99	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.01-6) = 27.99 dBm/500kHz.

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
			Chain 0	Chain 1				
26/8	144 (U-NII-3)	5720	-2.95	-2.73	0.17	2.39	27.99	Pass
26/0	149	5745	5.73	5.72	8.74	10.96	27.99	Pass
26/4	157	5785	6.73	6.21	9.49	11.71	27.99	Pass
26/8	165	5825	6.03	5.48	8.77	10.99	27.99	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.01-6) = 27.99 dBm/500kHz.

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
			Chain 0	Chain 1				
52/40	144 (U-NII-3)	5720	-3.10	-3.59	-0.33	1.89	27.99	Pass
52/37	149	5745	4.73	5.06	7.91	10.13	27.99	Pass
52/39	157	5785	4.65	4.45	7.56	9.78	27.99	Pass
52/40	165	5825	4.41	4.55	7.49	9.71	27.99	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.01-6) = 27.99 dBm/500kHz.

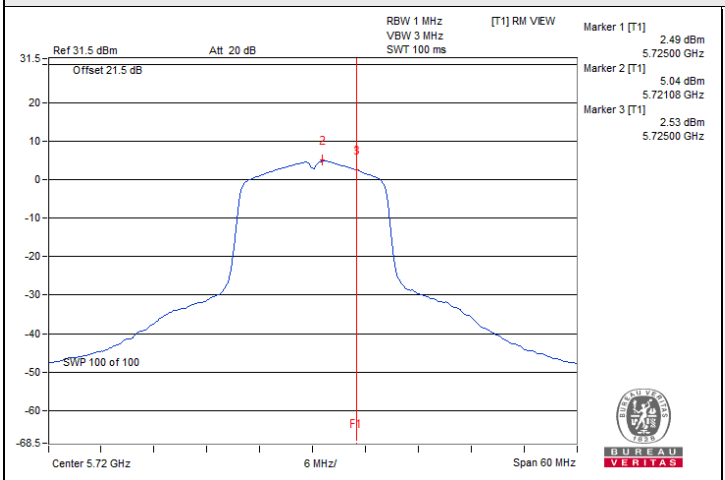
802.11ax (RU106)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
			Chain 0	Chain 1				
106/54	144 (U-NII-3)	5720	-3.86	-4.23	-1.03	1.19	27.99	Pass
106/53	149	5745	2.18	1.43	4.83	7.05	27.99	Pass
106/54	157	5785	1.97	1.47	4.74	6.96	27.99	Pass
106/54	165	5825	1.87	1.71	4.8	7.02	27.99	Pass

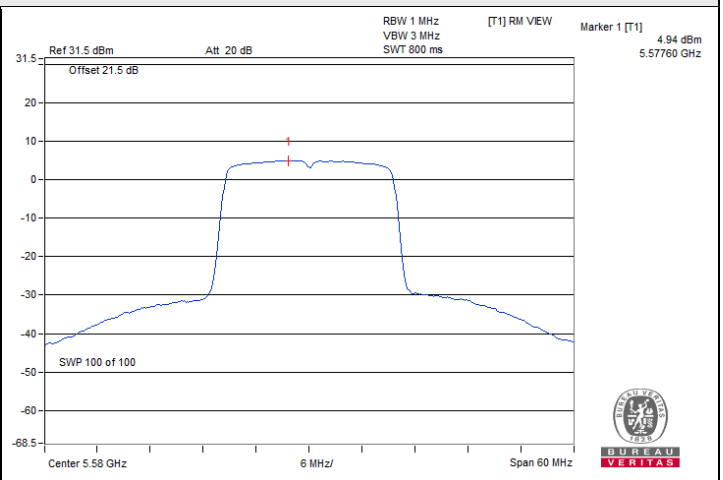
Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.01-6) = 27.99 dBm/500kHz.

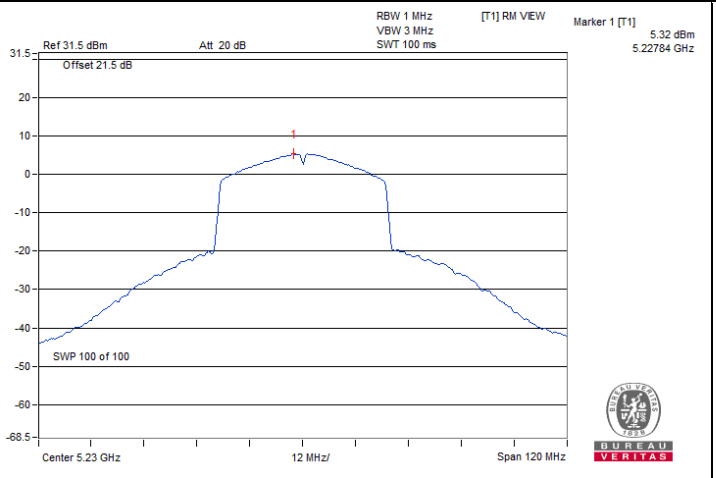
Spectrum Plot of Maximum Value



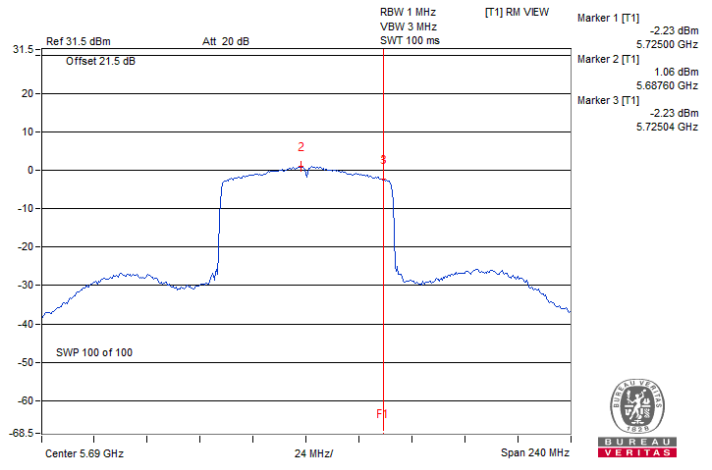
802.11a / Chain0 : CH 144 (U-NII-2C)



802.11ax (HE20) / Chain1 : CH 116

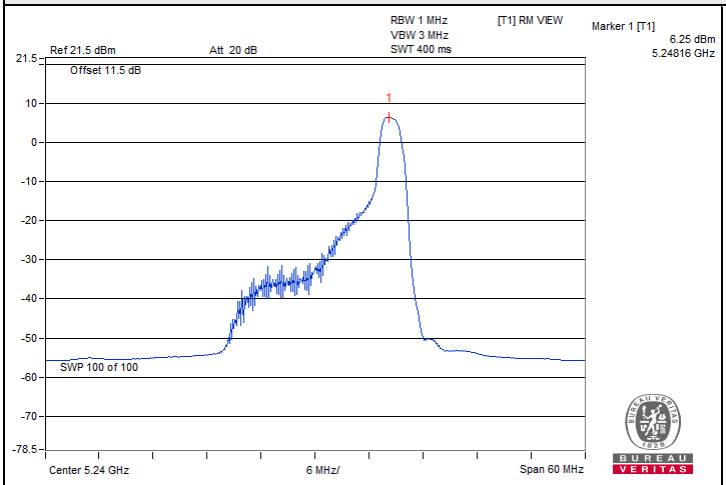


802.11ax (HE40) / Chain1 : CH 46

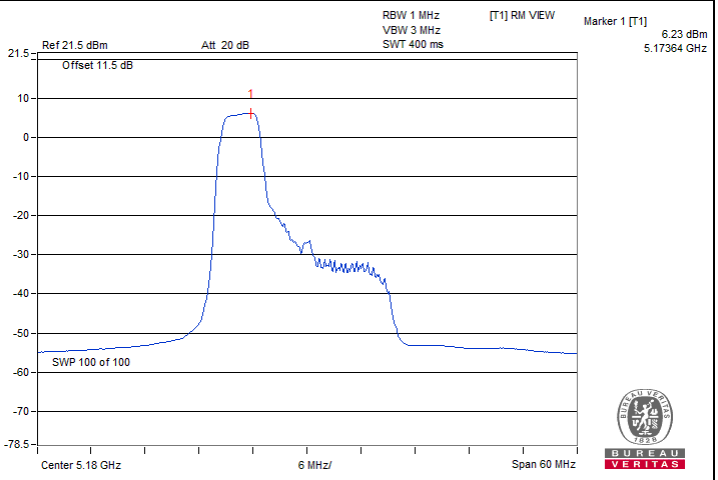


802.11ax (HE80) / Chain0 : CH 138 (U-NII-2C)

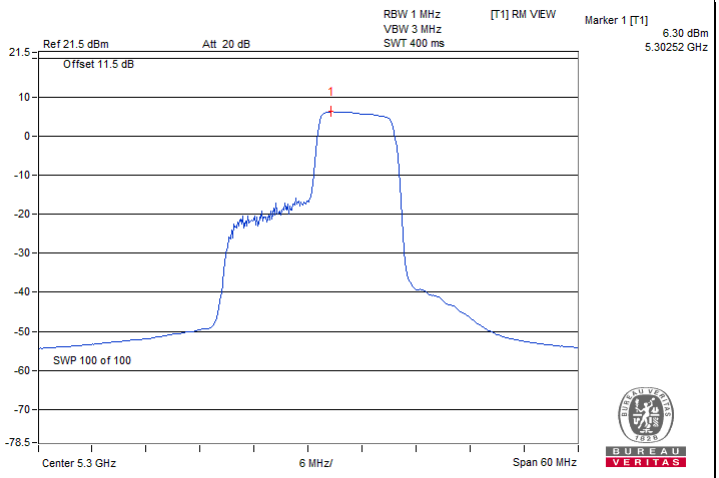
Spectrum Plot of Maximum Value



802.11ax (RU26) / Chain1 : CH 48

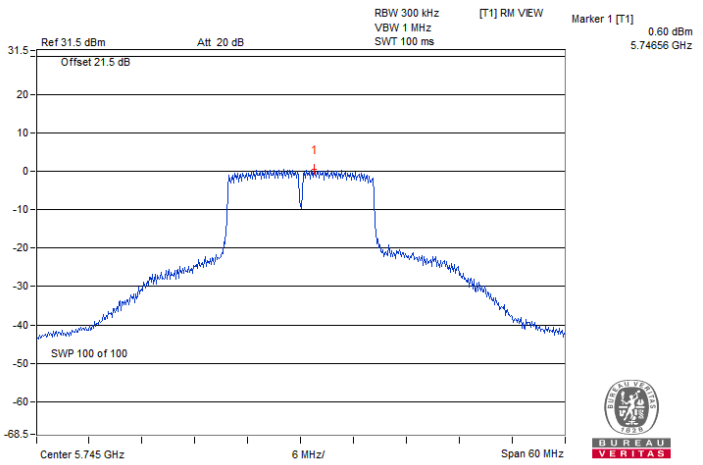


802.11ax (RU52) / Chain0 : CH 36

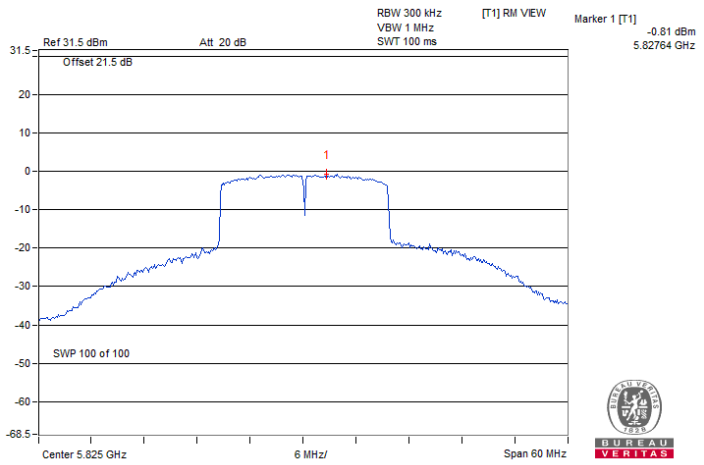


802.11ax (RU106) / Chain0 : CH 60

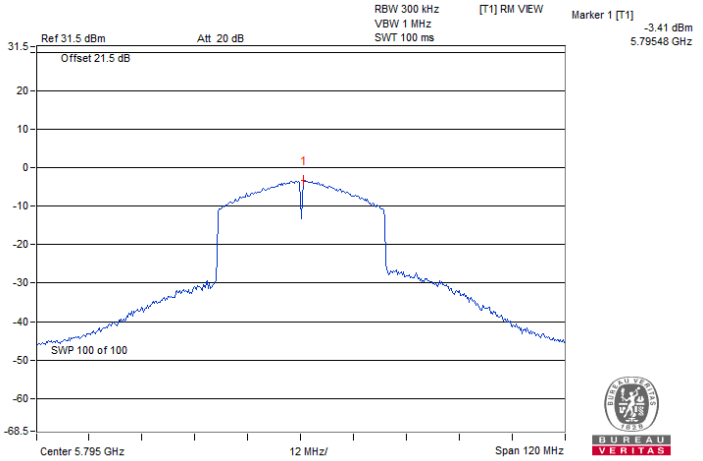
Spectrum Plot of Maximum Value



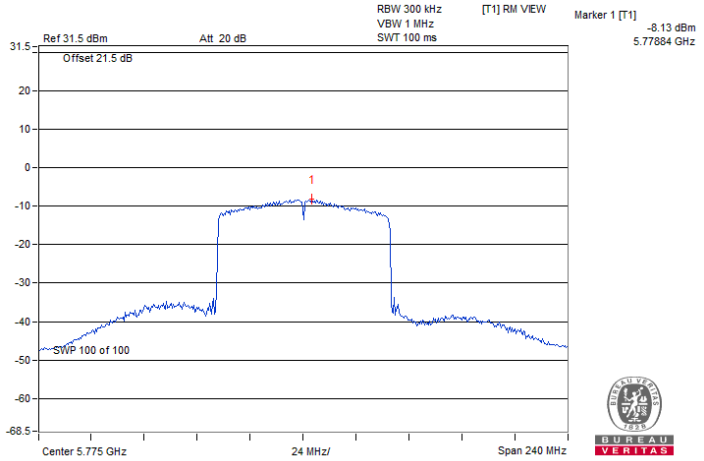
802.11a / Chain1 : CH 149



802.11ax (HE20) / Chain0 : CH 165

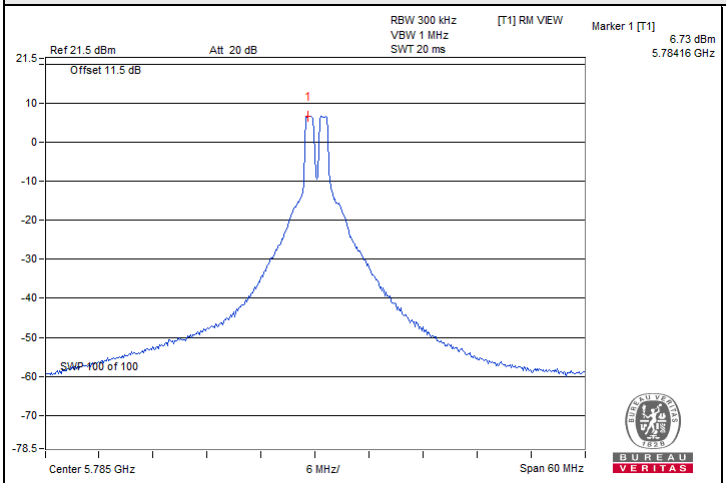


802.11ax (HE40) / Chain1 : CH 159

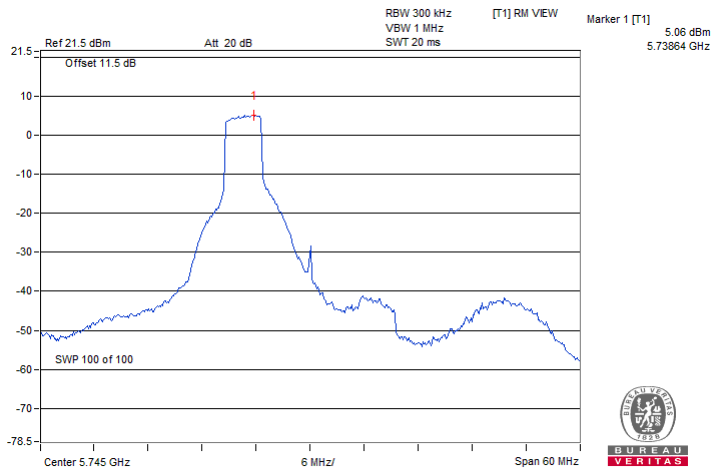


802.11ax (HE80) / Chain1 : CH 155

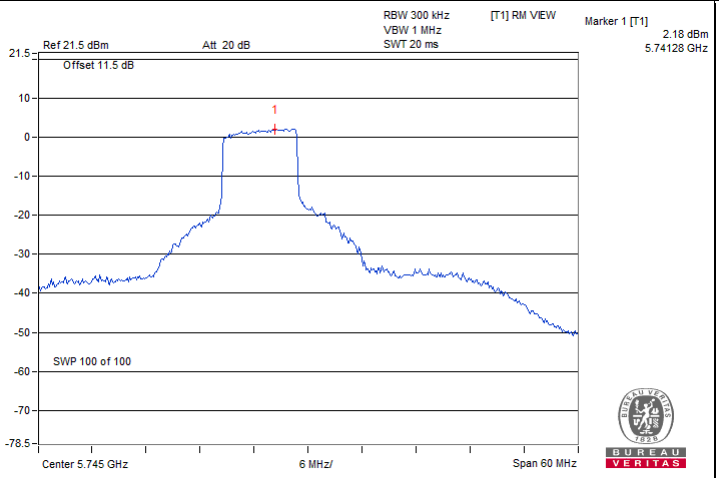
Spectrum Plot of Maximum Value



802.11ax (RU26) / Chain0 : CH 157



802.11ax (RU52) / Chain1 : CH 149



802.11ax (RU106) / Chain0 : CH 149

7.4 6 dB Bandwidth

Mode E

Input Power:	3.3 Vdc	Environmental Conditions:	24°C, 64% RH	Tested By:	John Peng

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	2.6	0.5	Pass
149	5745	15.12	0.5	Pass
157	5785	15.11	0.5	Pass
165	5825	15.12	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	2.61	0.5	Pass
149	5745	17.92	0.5	Pass
157	5785	17.65	0.5	Pass
165	5825	17.91	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
142 (U-NII-3)	5710	1.61	0.5	Pass
151	5755	37.57	0.5	Pass
159	5795	36.58	0.5	Pass

802.11ax (HE80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
138 (U-NII-3)	5690	2.86	0.5	Pass
155	5775	75.57	0.5	Pass

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
26/8	144 (U-NII-3)	5720	4.42	0.5	Pass
26/0	149	5745	14.45	0.5	Pass
26/4	157	5785	2.64	0.5	Pass
26/8	165	5825	15.73	0.5	Pass

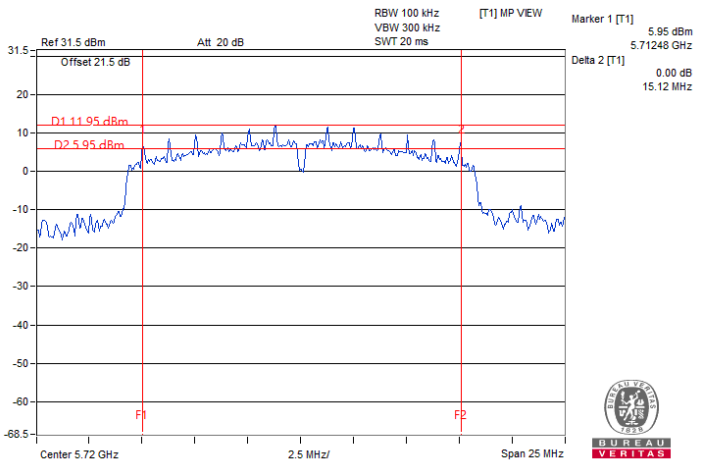
802.11ax (RU52)

RU Configuration	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
52/40	144 (U-NII-3)	5720	4.38	0.5	Pass
52/37	149	5745	16.93	0.5	Pass
52/39	157	5785	10.34	0.5	Pass
52/40	165	5825	15.74	0.5	Pass

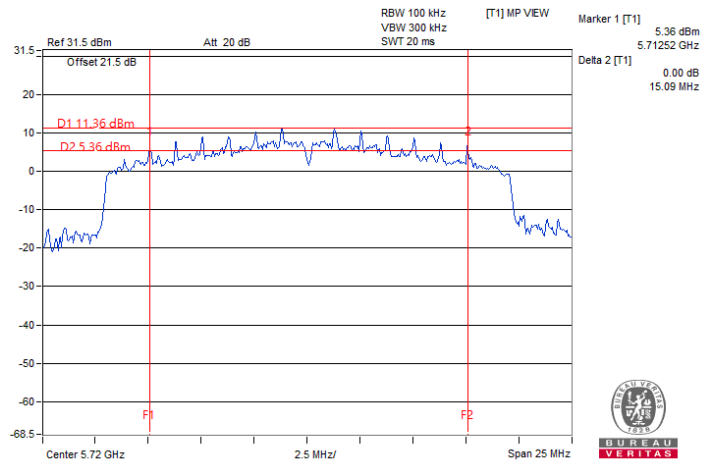
802.11ax (RU106)

RU Configuration	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
106/54	144 (U-NII-3)	5720	4.29	0.5	Pass
106/53	149	5745	16.46	0.5	Pass
106/54	157	5785	16.87	0.5	Pass
106/54	165	5825	16.86	0.5	Pass

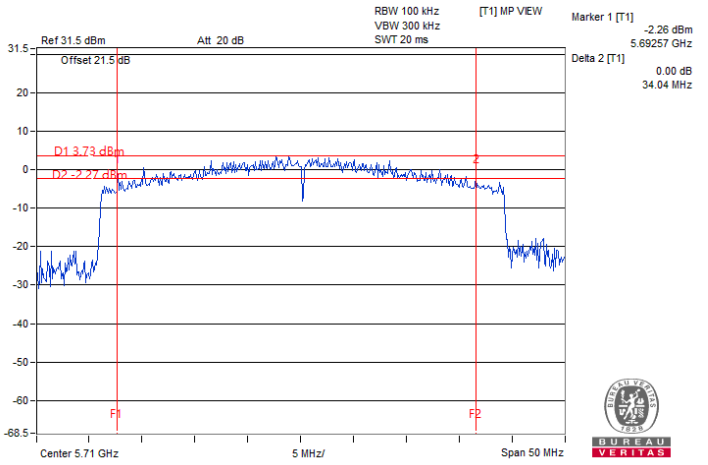
Spectrum Plot of Minimum Value



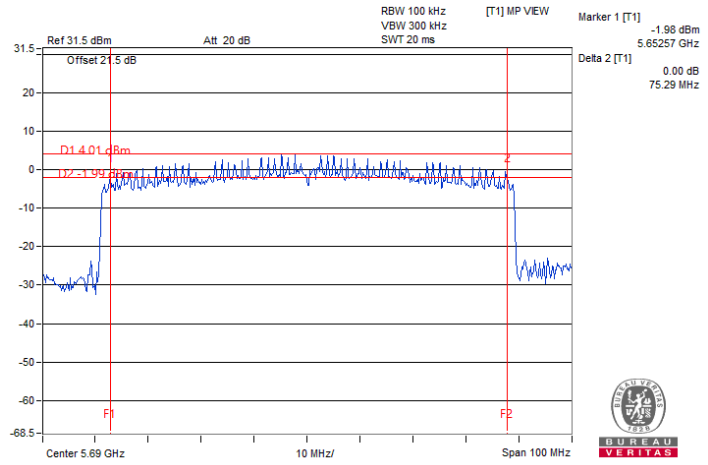
802.11a : CH 144 (U-NII-3)



802.11ax (HE20) : CH 144 (U-NII-3)



802.11ax (HE40) : CH 142 (U-NII-3)

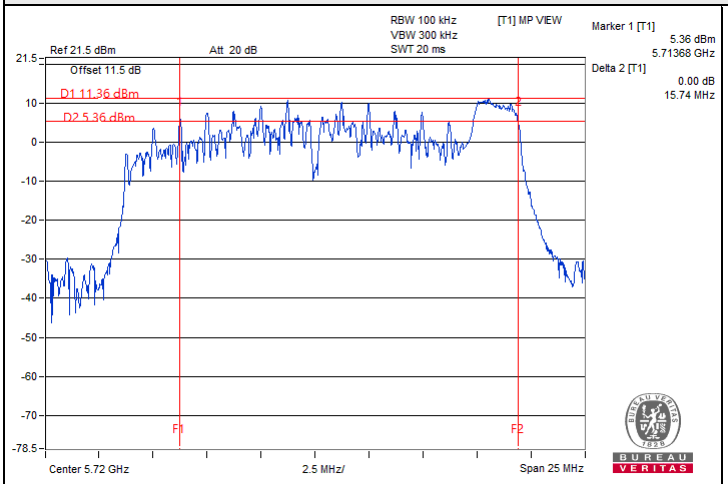


802.11ax (HE80) : CH 138 (U-NII-3)

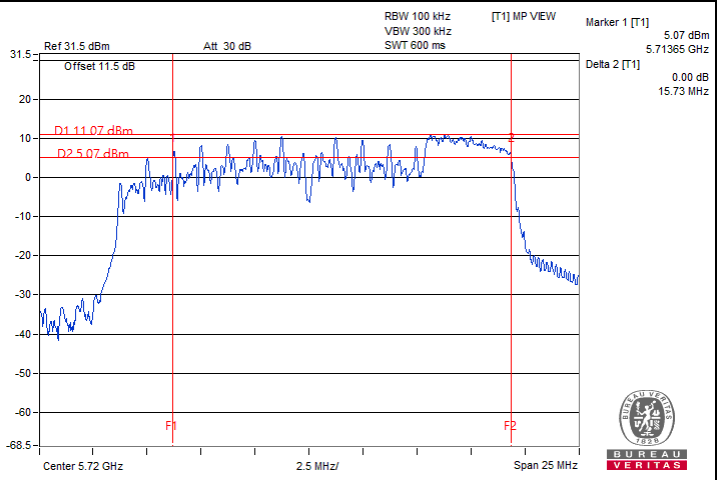
Notes:

1. For U-NII-3 straddle channel = Marker 1 + Delta 2 - 5725 MHz

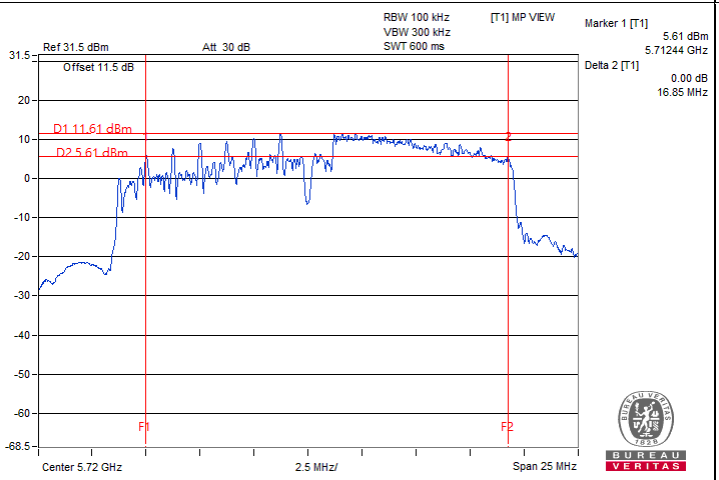
Spectrum Plot of Minimum Value



802.11ax (RU26) : CH 144 (U-NII-3)



802.11ax (RU52) : CH 144 (U-NII-3)



802.11ax (RU106) : CH 144 (U-NII-3)

Notes:

1. For U-NII-3 straddle channel = Marker 1 + Delta 2 - 5725 MHz

Mode F

Input Power:	3.3 Vdc	Environmental Conditions:	24°C, 64% RH	Tested By:	John Peng

802.11a

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	2.55	2.57	0.5	Pass
149	5745	15.39	15.85	0.5	Pass
157	5785	15.24	16.01	0.5	Pass
165	5825	15.50	16.31	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	2.61	2.66	0.5	Pass
149	5745	17.66	17.92	0.5	Pass
157	5785	17.67	17.68	0.5	Pass
165	5825	17.66	17.88	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
142 (U-NII-3)	5710	1.34	1.22	0.5	Pass
151	5755	30.16	30.19	0.5	Pass
159	5795	30.14	30.14	0.5	Pass

802.11ax (HE80)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
138 (U-NII-3)	5690	2.88	2.83	0.5	Pass
155	5775	75.33	75.45	0.5	Pass

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
			Chain 0	Chain 1		
26/8	144 (U-NII-3)	5720	4.39	4.40	0.5	Pass
26/0	149	5745	14.49	14.49	0.5	Pass
26/4	157	5785	2.66	2.66	0.5	Pass
26/8	165	5825	15.73	14.51	0.5	Pass

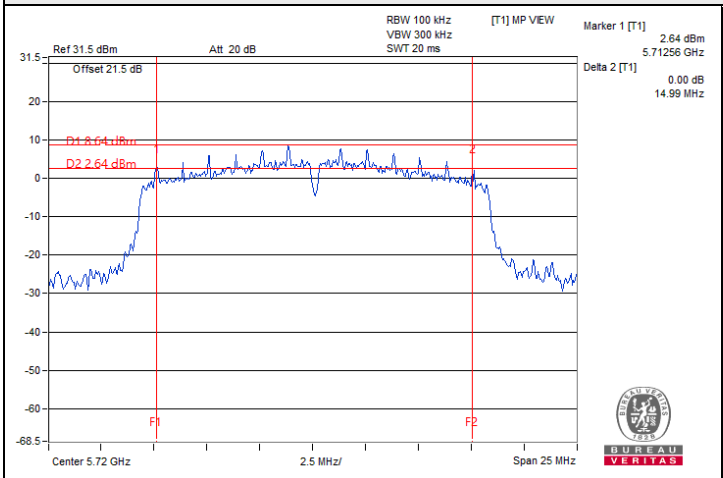
802.11ax (RU52)

RU Configuration	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
			Chain 0	Chain 1		
52/40	144 (U-NII-3)	5720	4.38	4.37	0.5	Pass
52/37	149	5745	16.95	16.93	0.5	Pass
52/39	157	5785	10.36	10.36	0.5	Pass
52/40	165	5825	15.73	15.73	0.5	Pass

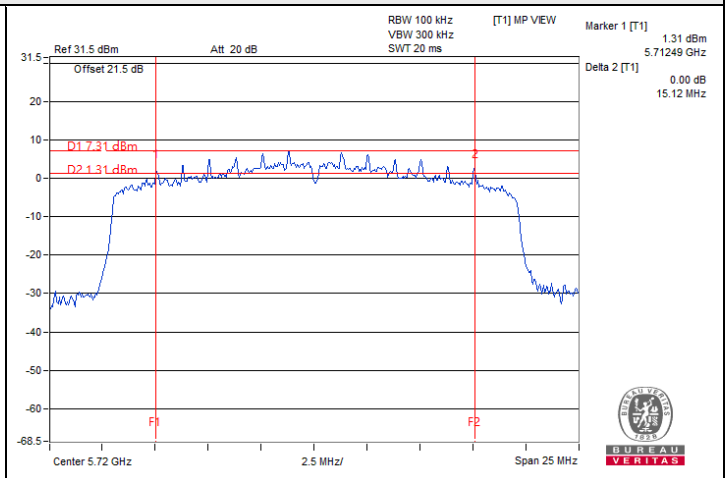
802.11ax (RU106)

RU Configuration	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
			Chain 0	Chain 1		
106/54	144 (U-NII-3)	5720	3.52	3.51	0.5	Pass
106/53	149	5745	16.71	16.47	0.5	Pass
106/54	157	5785	16.86	16.92	0.5	Pass
106/54	165	5825	16.88	16.94	0.5	Pass

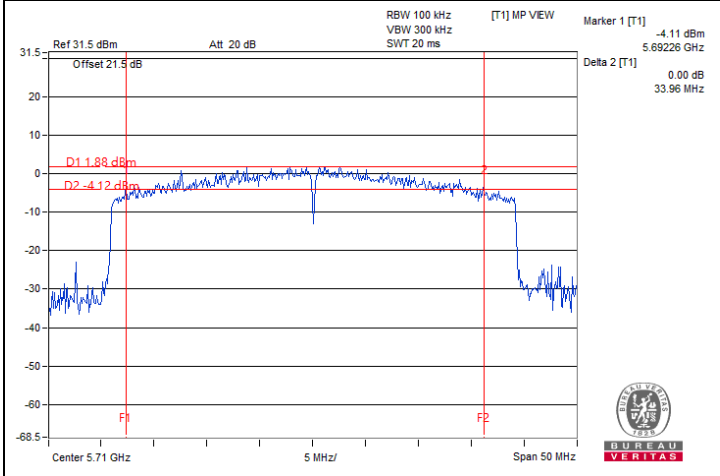
Spectrum Plot of Minimum Value



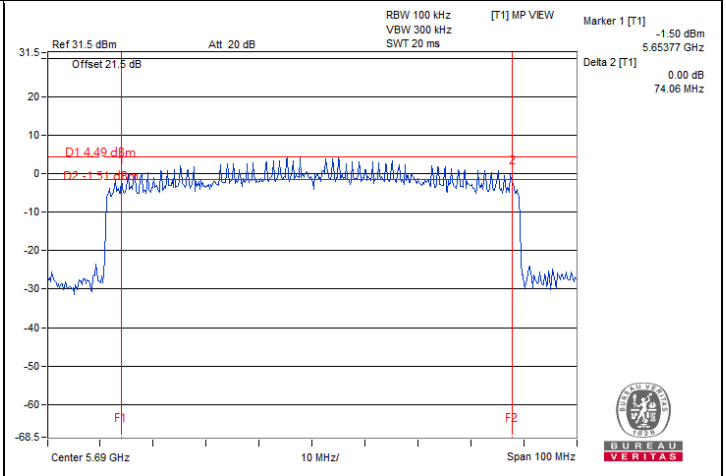
802.11a / Chain0 : CH 144 (U-NII-3)



802.11ax (HE20) / Chain0 : CH 144 (U-NII-3)



802.11ax (HE40) / Chain1 : CH 142 (U-NII-3)

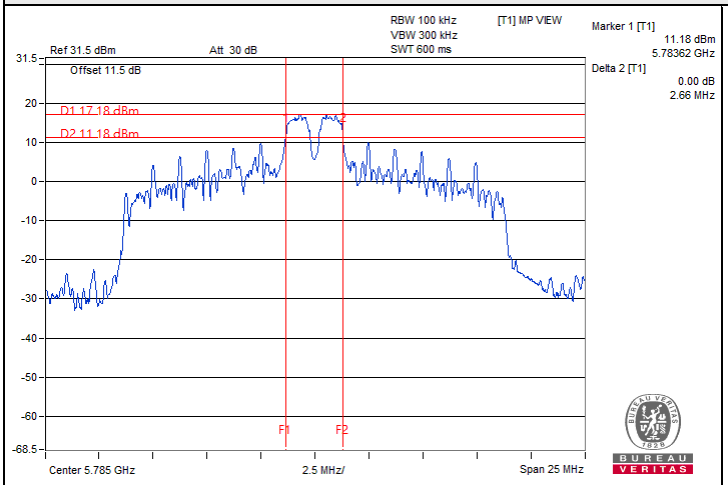


802.11ax (HE80) / Chain1 : CH 138 (U-NII-3)

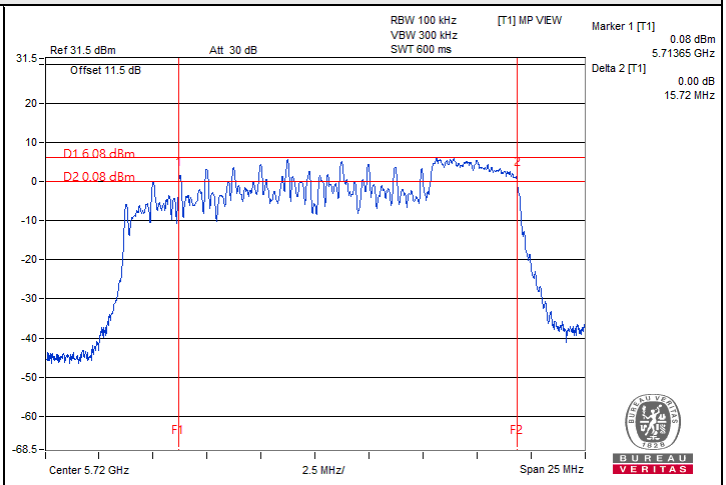
Notes:

1. For U-NII-3 straddle channel = Marker 1 + Delta 2 - 5725 MHz

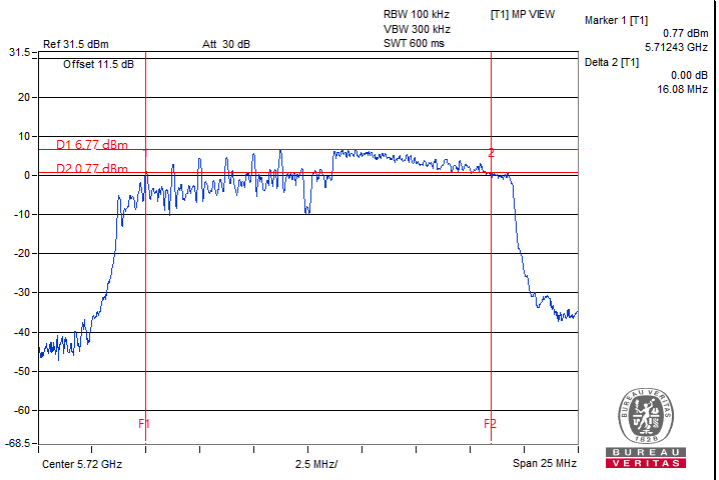
Spectrum Plot of Minimum Value



802.11ax (RU26) / Chain0: CH 157



802.11ax (RU52) / Chain1: CH 144 (U-NII-3)



802.11ax (RU106) / Chain1: CH 144 (U-NII-3)

Notes:

1. For U-NII-3 straddle channel = Marker 1 + Delta 2 - 5725 MHz

7.5 Occupied Bandwidth

Mode E

Input Power:	3.3 Vdc	Environmental Conditions:	24°C, 64% RH	Tested By:	John Peng

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	21.6
40	5200	20.04
48	5240	17.16
52	5260	20.52
60	5300	19.2
64	5320	16.44
100	5500	16.2
116	5580	18.84
140	5700	16.32
144 (U-NII-2C)	5720	13.28
144 (U-NII-3)	5720	4.36
149	5745	24.48
157	5785	24.48
165	5825	24.84

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	19.32
40	5200	20.64
48	5240	18.96
52	5260	21.6
60	5300	20.88
64	5320	19.08
100	5500	18.96
116	5580	22.68
140	5700	18.84
144 (U-NII-2C)	5720	14.36
144 (U-NII-3)	5720	4.48
149	5745	24.12
157	5785	25.56
165	5825	23.28

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
38	5190	38.16
46	5230	38.64
54	5270	39.12
62	5310	37.92
102	5510	38.16
110	5550	38.4
134	5670	38.16
142 (U-NII-2C)	5710	33.72
142 (U-NII-3)	5710	4.2
151	5755	46.32
159	5795	46.8

802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
42	5210	76.8
58	5290	77.04
106	5530	76.32
122	5610	77.04
138 (U-NII-2C)	5690	73.88
138 (U-NII-3)	5690	3.88
155	5775	77.76

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
26/0	36	5180	17.76
26/4	40	5200	14.58
26/8	48	5240	17.76
26/0	52	5260	17.28
26/4	60	5300	14.28
26/8	64	5320	17.76
26/0	100	5500	17.76
26/4	116	5580	14.7
26/8	140	5700	17.46
26/8	144 (U-NII-2C)	5720	13.04
26/8	144 (U-NII-3)	5720	4.6
26/0	149	5745	17.94
26/4	157	5785	13.86
26/8	165	5825	17.76

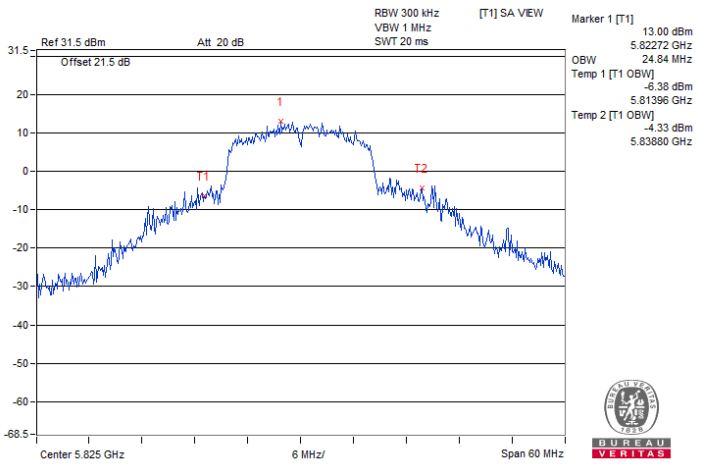
802.11ax (RU52)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
52/37	36	5180	17.76
52/39	40	5200	15.54
52/40	48	5240	17.76
52/37	52	5260	17.58
52/39	60	5300	15.72
52/40	64	5320	17.7
52/37	100	5500	17.76
52/39	116	5580	15.66
52/40	140	5700	17.7
52/40	144 (U-NII-2C)	5720	13.16
52/40	144 (U-NII-3)	5720	4.48
52/37	149	5745	17.64
52/39	157	5785	15.84
52/40	165	5825	17.76

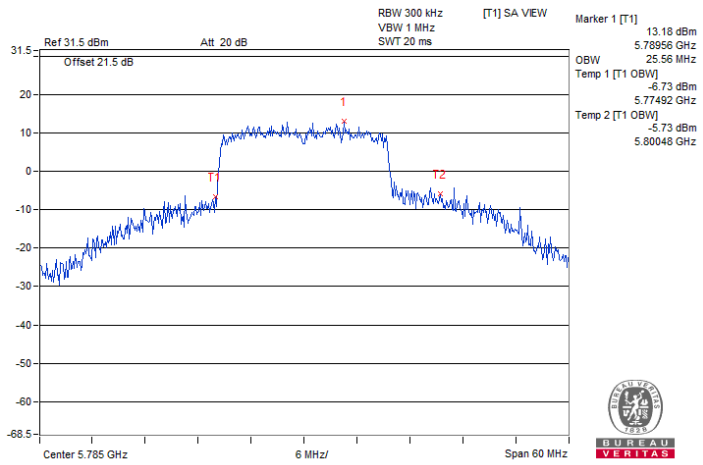
802.11ax (RU106)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
106/53	36	5180	17.58
106/53	40	5200	17.52
106/54	48	5240	17.46
106/53	52	5260	17.64
106/54	60	5300	17.7
106/54	64	5320	17.52
106/53	100	5500	17.64
106/53	116	5580	17.46
106/54	140	5700	17.64
106/54	144 (U-NII-2C)	5720	13.22
106/54	144 (U-NII-3)	5720	4.48
106/53	149	5745	17.64
106/54	157	5785	17.76
106/54	165	5825	17.88

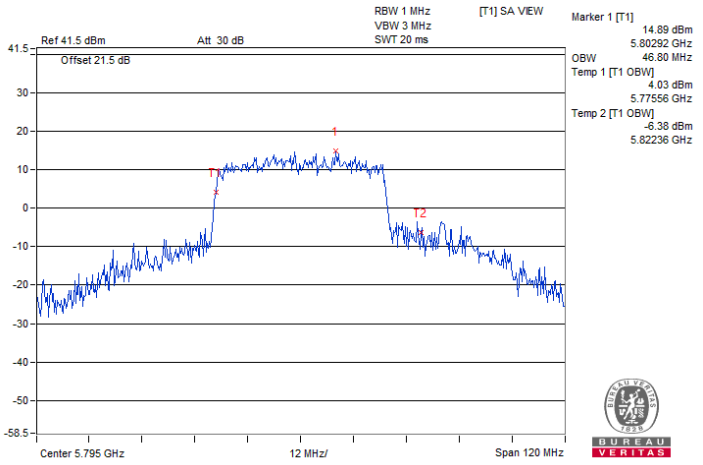
Spectrum Plot of Maximum Value



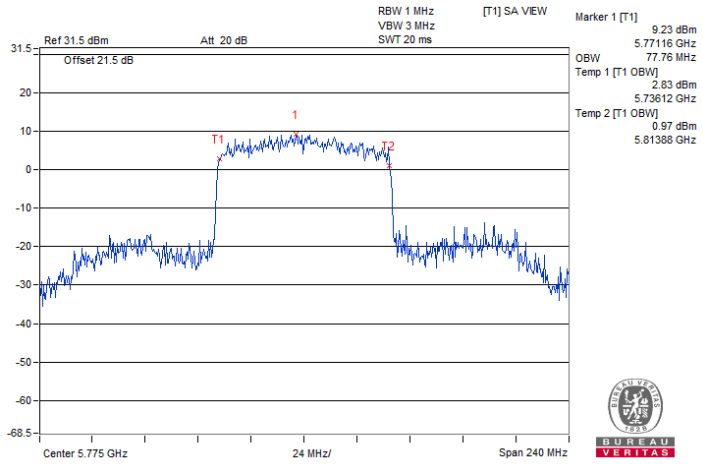
802.11a : CH 165



802.11ax (HE20) : CH 157

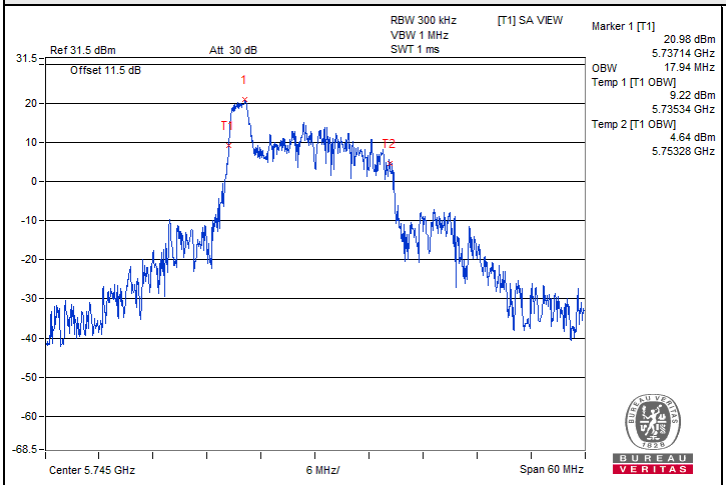


802.11ax (HE40) : CH 159

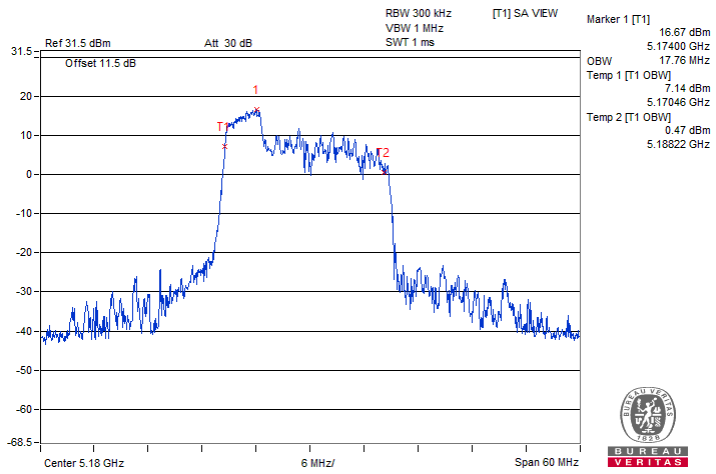


802.11ax (HE80) : CH 155

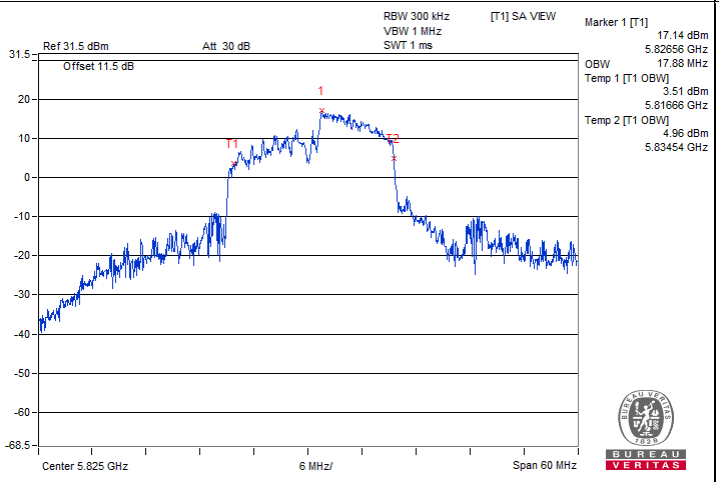
Spectrum Plot of Maximum Value



802.11ax (RU26) : CH 149



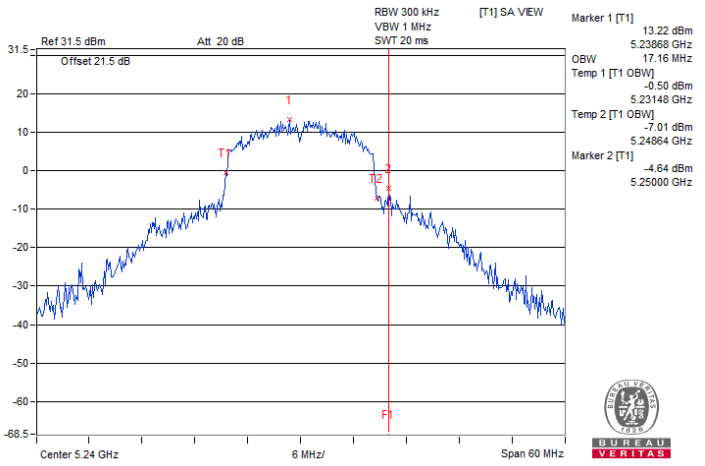
802.11ax (RU52) : CH 36



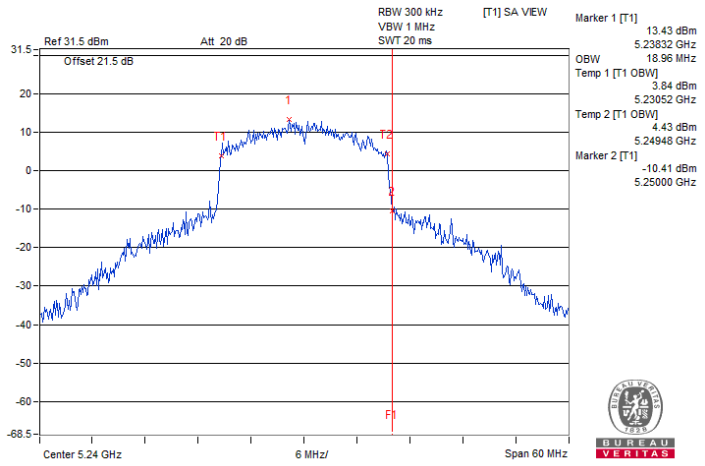
802.11ax (RU106) : CH 165

Spectrum Plot for nearby DFS band

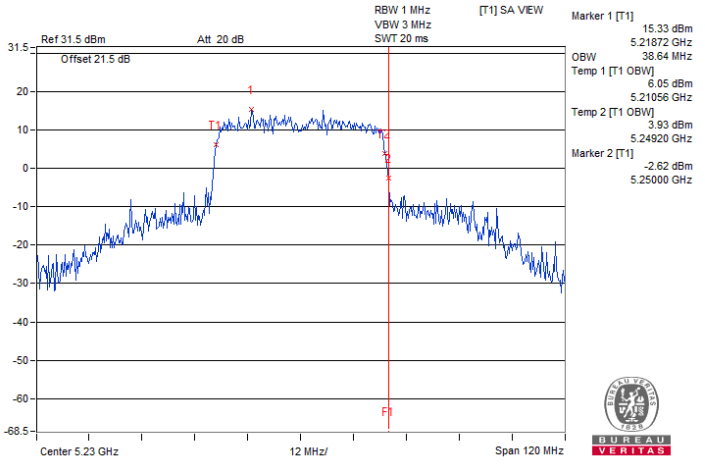
(DFS is required, if 99% OCP straddle into U-NII-2A band)



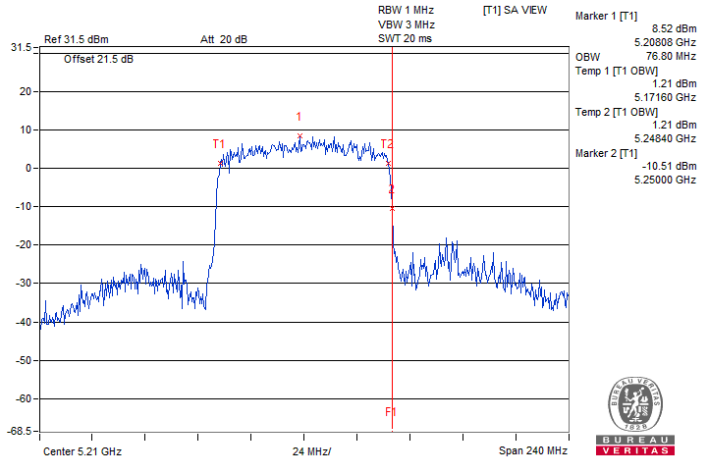
802.11a : CH 48



802.11ax (HE20) : CH 48



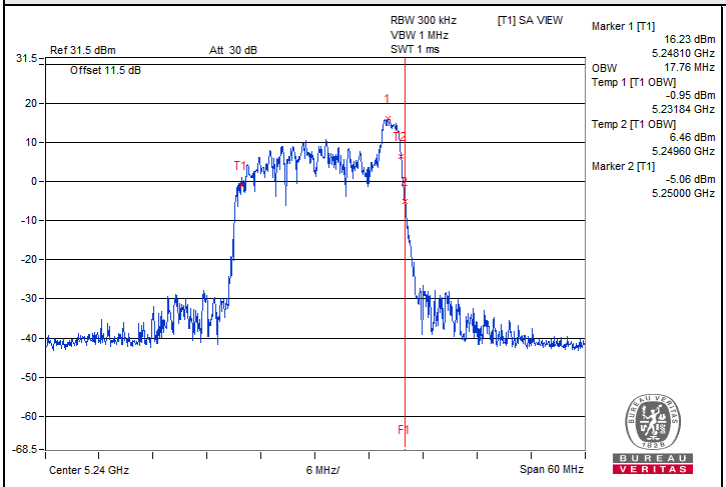
802.11ax (HE40) : CH 46



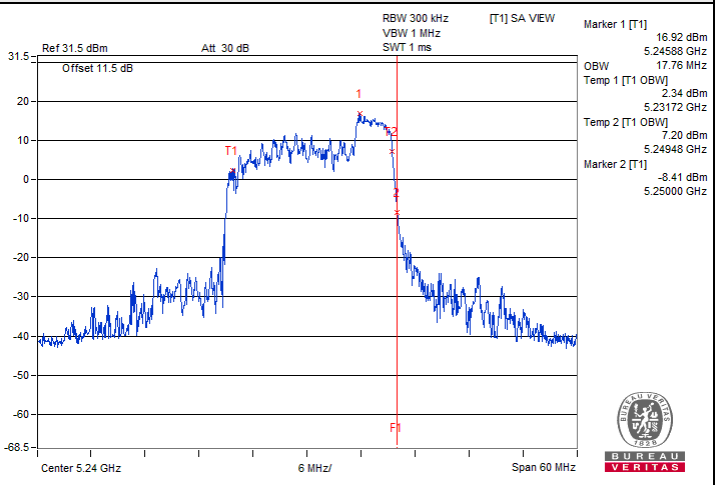
802.11ax (HE80) : CH 42

Spectrum Plot for nearby DFS band

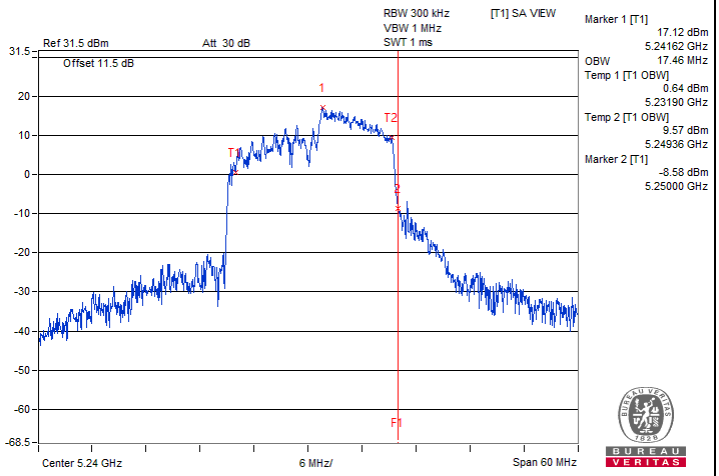
(DFS is required, if 99% OCP straddle into U-NII-2A band)



802.11ax (RU26) : CH 48



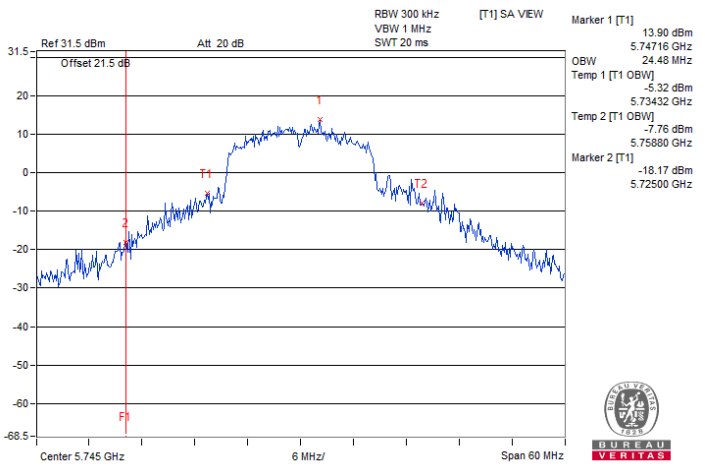
802.11ax (RU52) : CH 48



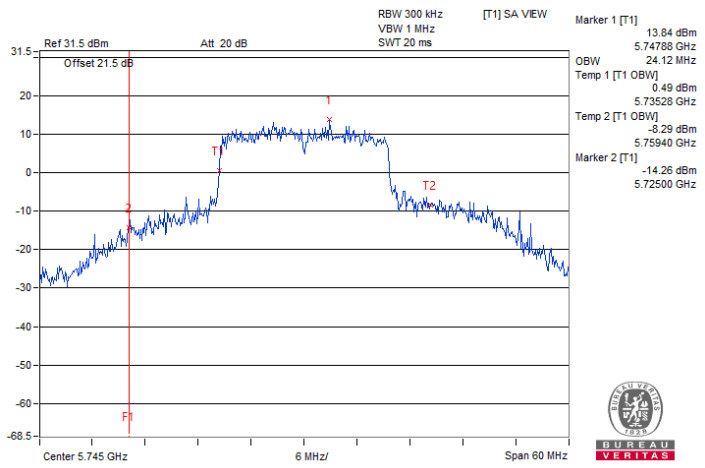
802.11ax (RU106) : CH 48

Spectrum Plot for nearby DFS band

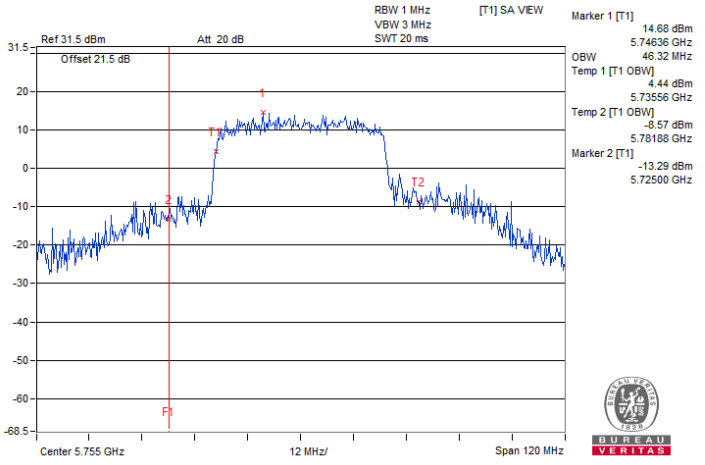
(DFS is required, if 99% OCP straddle into U-NII-2C band)



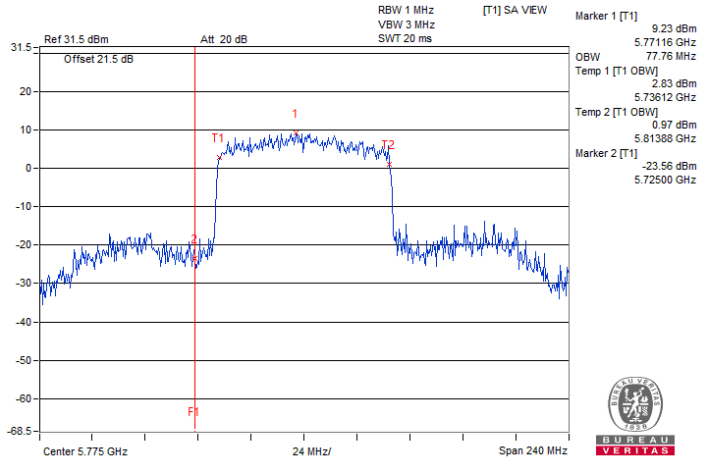
802.11a : CH 149



802.11ax (HE20) : CH 149



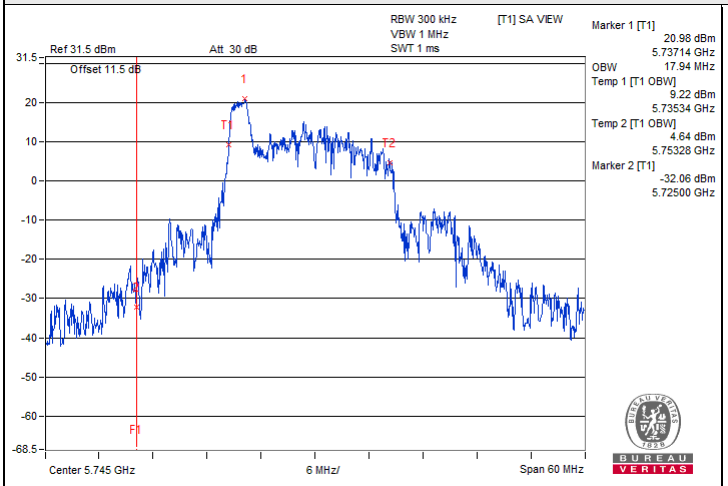
802.11ax (HE40) : CH 151



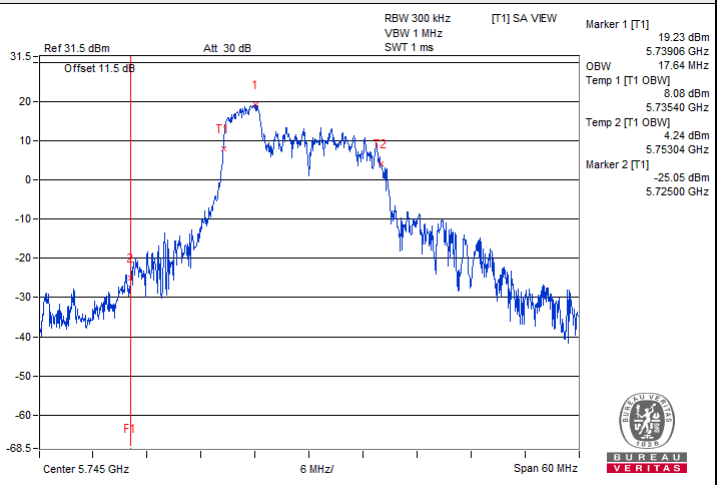
802.11ax (HE80) : CH 155

Spectrum Plot for nearby DFS band

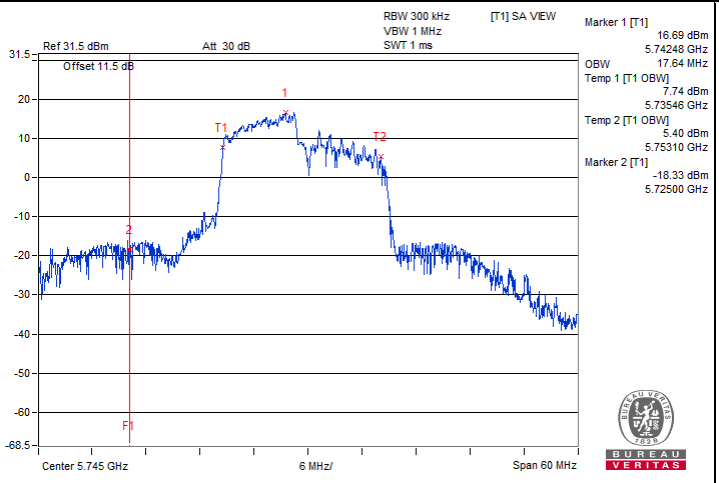
(DFS is required, if 99% OCP straddle into U-NII-2A band)



802.11ax (RU26) : CH 149



802.11ax (RU52) : CH 149



802.11ax (RU106) : CH 149

Mode F

Input Power:	3.3 Vdc	Environmental Conditions:	24°C, 64% RH	Tested By:	John Peng

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	16.44	16.44
40	5200	16.44	16.44
48	5240	16.44	16.44
52	5260	16.44	16.44
60	5300	16.44	16.44
64	5320	16.44	16.56
100	5500	16.56	16.44
116	5580	16.44	16.44
140	5700	16.44	16.44
144 (U-NII-2C)	5720	13.04	13.16
144 (U-NII-3)	5720	3.16	3.04
149	5745	24.96	20.40
157	5785	24.12	19.92
165	5825	26.16	20.16

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	19.08	18.84
40	5200	19.08	19.08
48	5240	18.96	19.08
52	5260	18.84	18.96
60	5300	18.96	18.96
64	5320	18.96	18.96
100	5500	19.08	18.96
116	5580	18.96	18.96
140	5700	18.84	18.96
144 (U-NII-2C)	5720	14.24	14.24
144 (U-NII-3)	5720	4.24	4.36
149	5745	24.60	26.64
157	5785	23.88	24.36
165	5825	27.36	24.60

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	37.44	37.20
46	5230	37.92	37.92
54	5270	37.68	37.68
62	5310	37.20	37.68
102	5510	37.20	37.20
110	5550	37.44	37.92
134	5670	37.44	37.44
142 (U-NII-2C)	5710	33.48	33.72
142 (U-NII-3)	5710	3.72	3.72
151	5755	38.16	38.16
159	5795	38.16	40.08

802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	77.28	76.80
58	5290	77.04	76.80
106	5530	76.80	77.28
122	5610	77.04	76.80
138 (U-NII-2C)	5690	73.88	73.88
138 (U-NII-3)	5690	3.88	3.88
155	5775	77.28	77.28

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
			Chain 0	Chain 1
26/0	36	5180	17.70	17.70
26/4	40	5200	14.46	14.34
26/8	48	5240	17.64	17.28
26/0	52	5260	17.64	17.58
26/4	60	5300	14.52	14.64
26/8	64	5320	17.58	17.82
26/0	100	5500	17.82	17.40
26/4	116	5580	14.40	14.46
26/8	140	5700	17.76	17.88
26/8	144 (U-NII-2C)	5720	13.10	13.28
26/8	144 (U-NII-3)	5720	4.54	4.60
26/0	149	5745	17.70	17.76
26/4	157	5785	14.46	14.64
26/8	165	5825	17.64	17.88

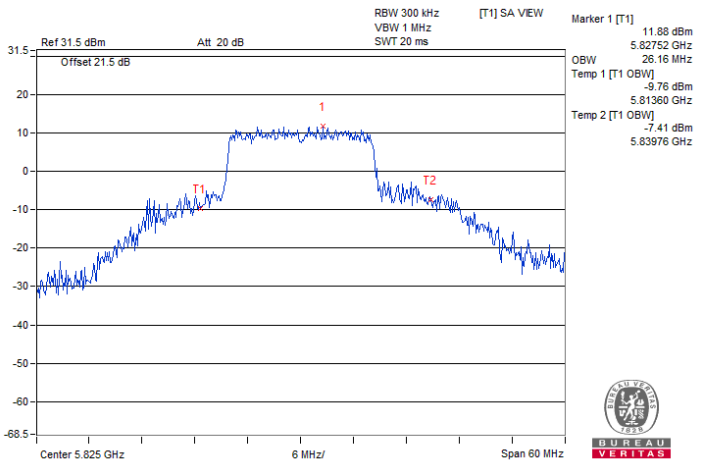
802.11ax (RU52)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
			Chain 0	Chain 1
52/37	36	5180	17.76	17.64
52/39	40	5200	15.54	15.78
52/40	48	5240	17.76	17.64
52/37	52	5260	17.64	17.64
52/39	60	5300	15.78	15.72
52/40	64	5320	17.76	17.76
52/37	100	5500	17.58	17.52
52/39	116	5580	15.42	15.72
52/40	140	5700	17.46	17.70
52/40	144 (U-NII-2C)	5720	13.34	13.10
52/40	144 (U-NII-3)	5720	4.48	4.48
52/37	149	5745	17.82	17.70
52/39	157	5785	16.20	16.14
52/40	165	5825	17.22	17.88

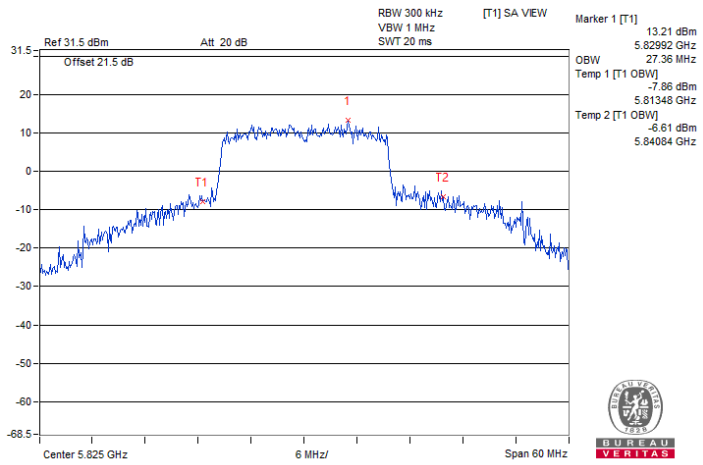
802.11ax (RU106)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
			Chain 0	Chain 1
106/53	36	5180	17.64	17.58
106/53	40	5200	17.46	17.52
106/54	48	5240	17.58	17.52
106/53	52	5260	17.52	17.40
106/54	60	5300	17.58	17.40
106/54	64	5320	17.64	17.52
106/53	100	5500	17.58	17.46
106/53	116	5580	17.58	17.46
106/54	140	5700	17.40	17.46
106/54	144 (U-NII-2C)	5720	13.16	12.86
106/54	144 (U-NII-3)	5720	4.42	4.36
106/53	149	5745	17.46	17.40
106/54	157	5785	17.76	17.58
106/54	165	5825	17.70	17.76

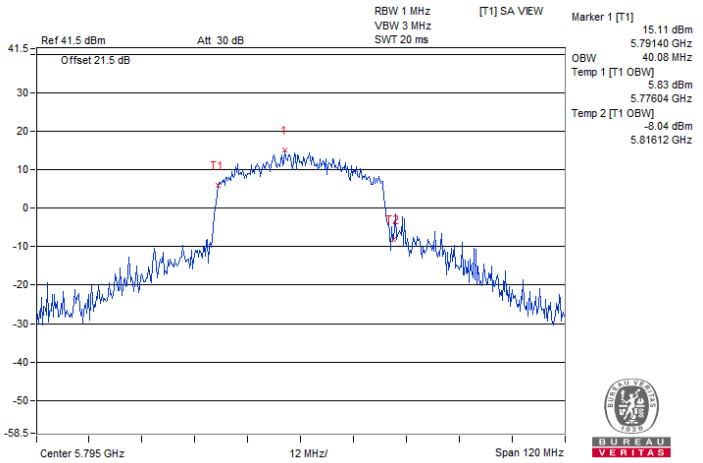
Spectrum Plot of Maximum Value



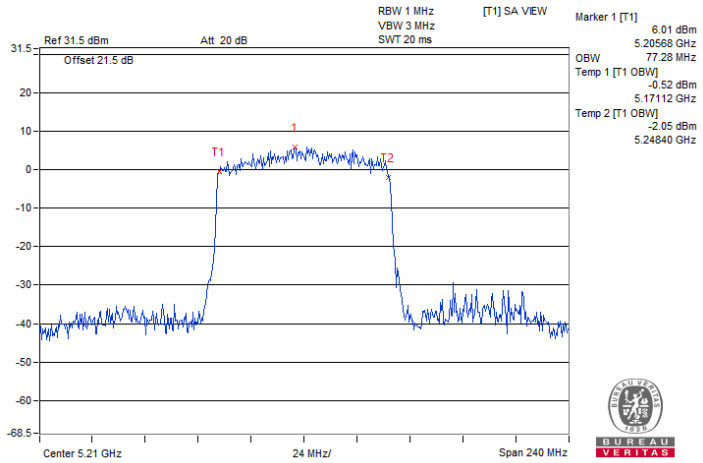
802.11a / Chain0 : CH 165



802.11ax (HE20) / Chain0 : CH 165

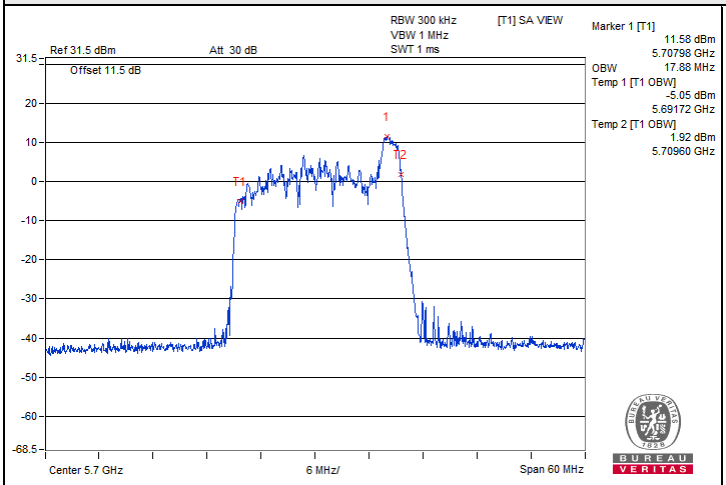


802.11ax (HE40) / Chain1 : CH 159

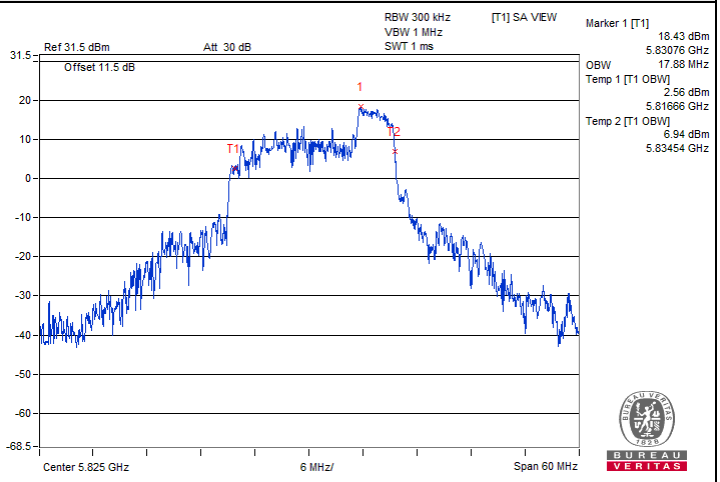


802.11ax (HE80) / Chain0 : CH 42

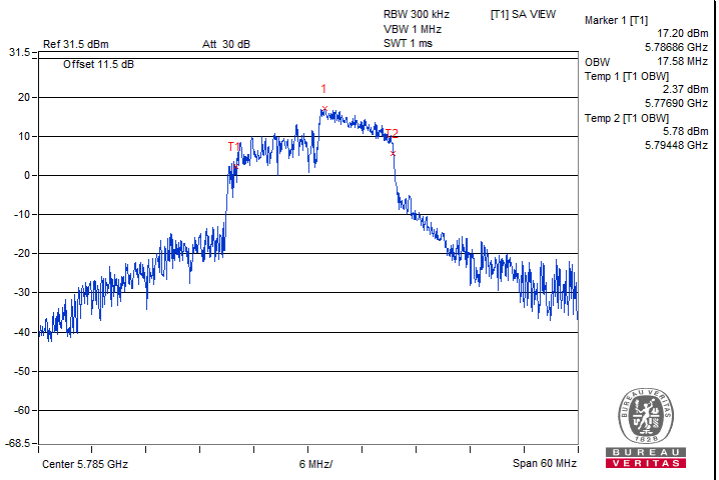
Spectrum Plot of Maximum Value



802.11ax (RU26) / Chain1 : CH 140



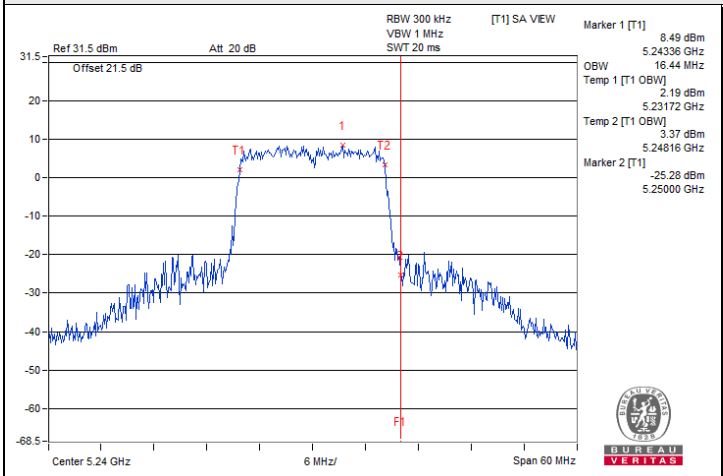
802.11ax (RU52) / Chain1: CH 165



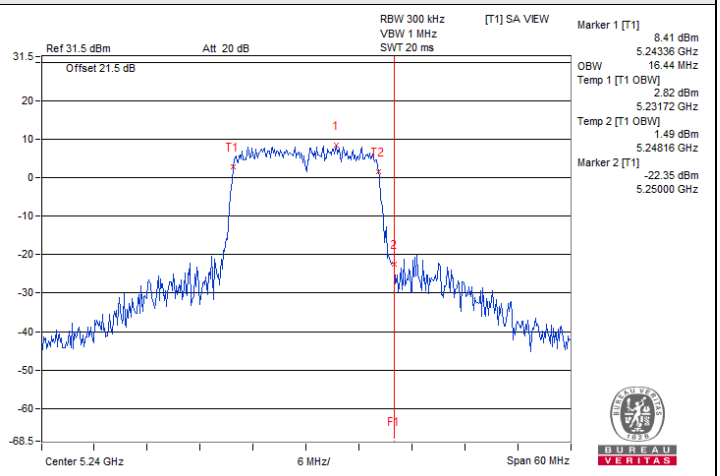
802.11ax (RU106) / Chain1: CH 157

Spectrum Plot for nearby DFS band

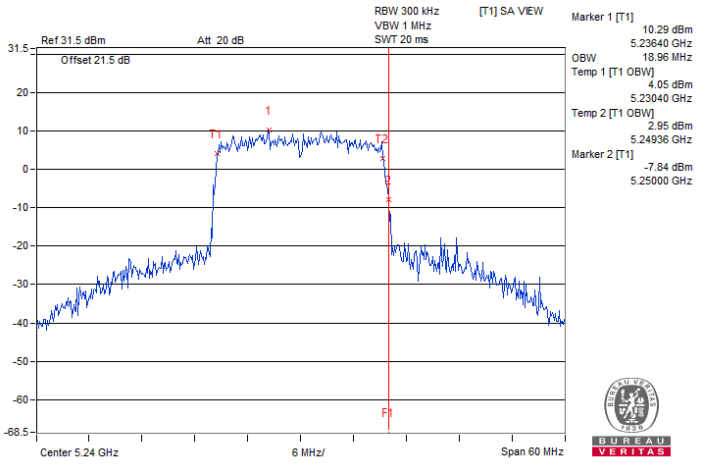
(DFS is required, if 99% OCP straddle into U-NII-2A band)



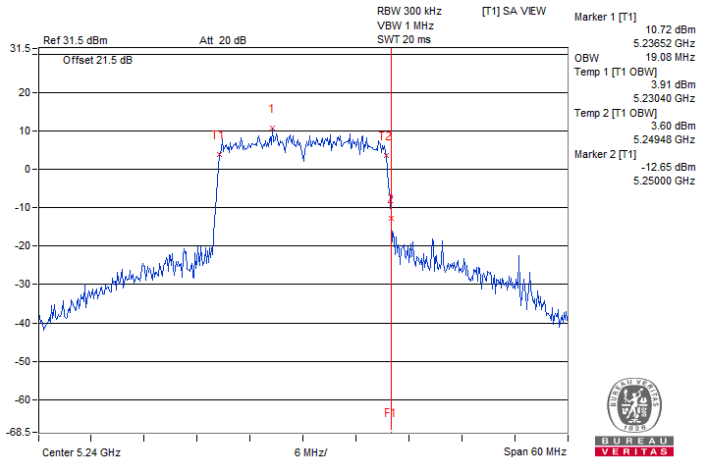
802.11a / Chain 0 : CH 48



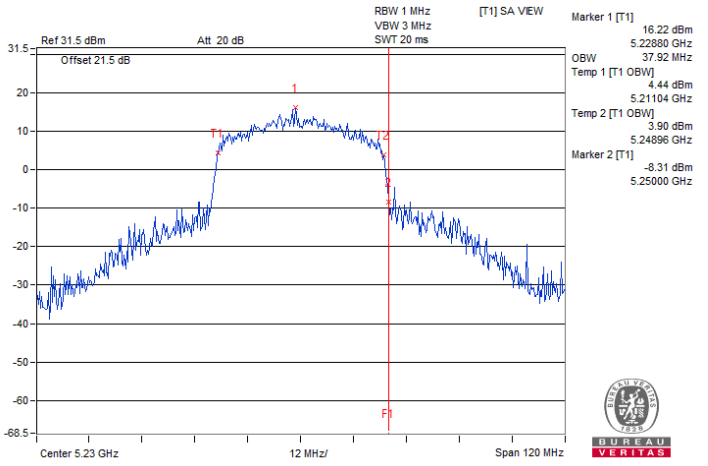
802.11a / Chain 1 : CH 48



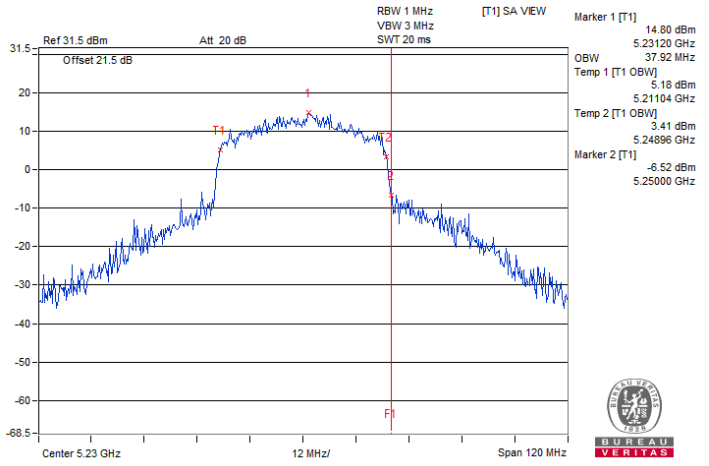
802.11ax (HE20) / Chain 0 : CH 48



802.11ax (HE20) / Chain 1 : CH 48



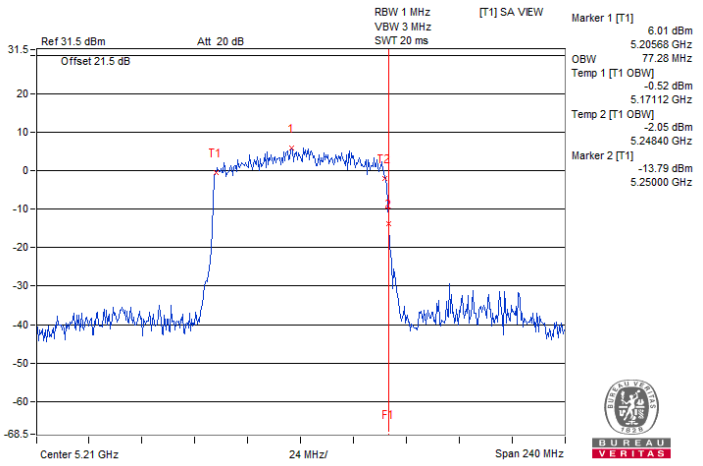
802.11ax (HE40) / Chain 0 : CH 46



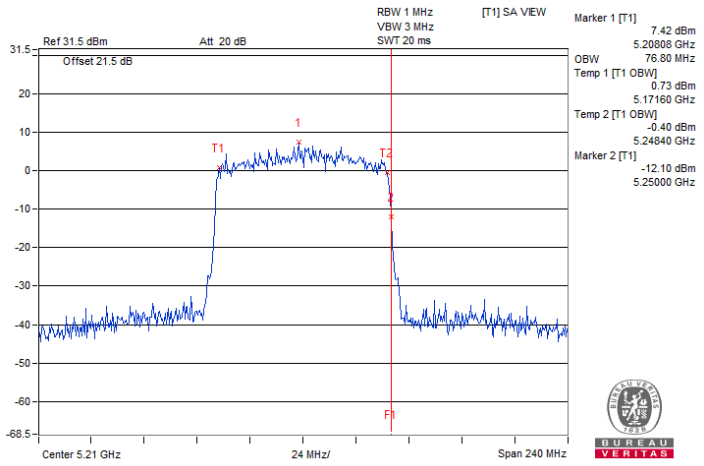
802.11ax (HE40) / Chain 1 : CH 46

Spectrum Plot for nearby DFS band

(DFS is required, if 99% OCP straddle into U-NII-2A band)



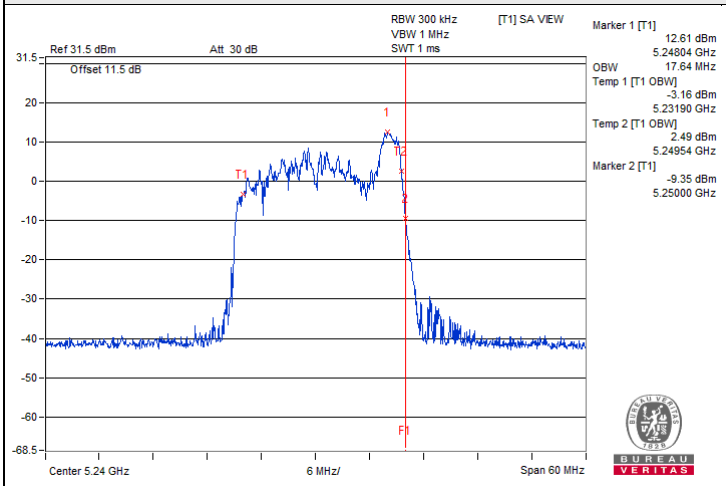
802.11ax (HE80) / Chain 0 : CH 42



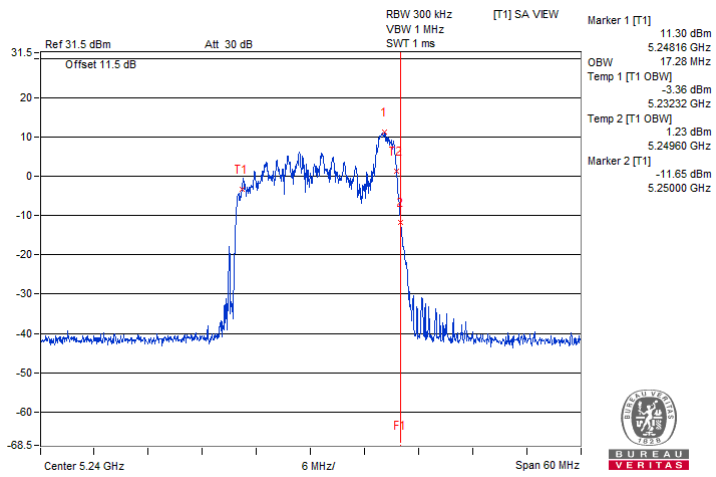
802.11ax (HE80) / Chain 1 : CH 42

Spectrum Plot for nearby DFS band

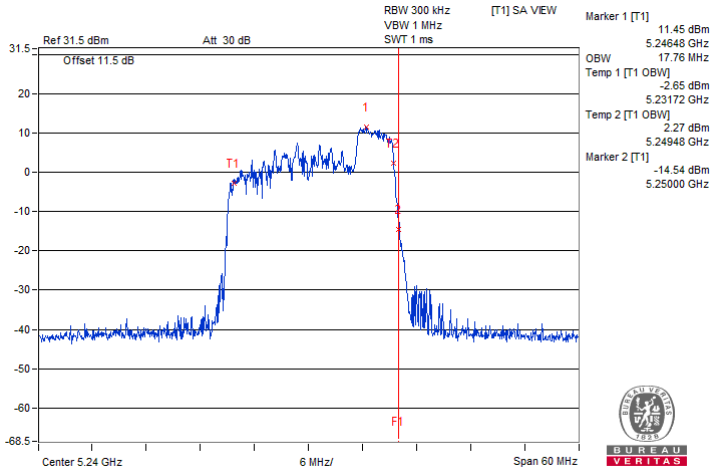
(DFS is required, if 99% OCP straddle into U-NII-2C band)



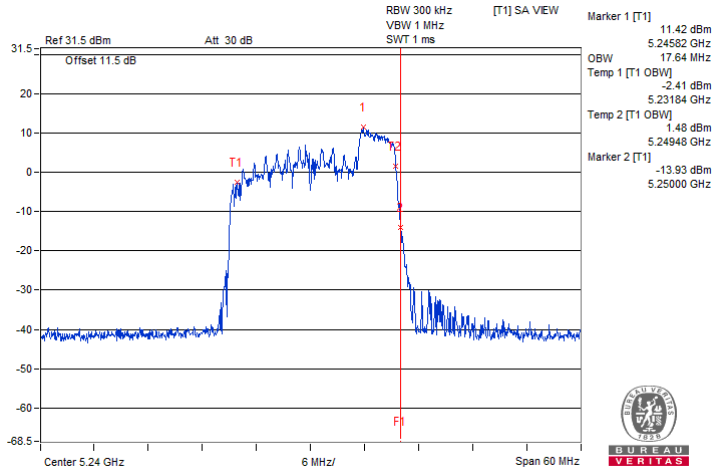
802.11ax (RU26) / Chain 0 : CH 48



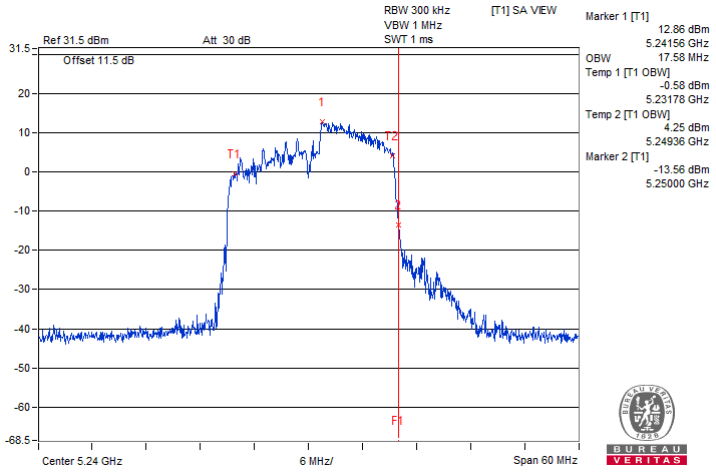
802.11ax (RU26) / Chain 1 : CH 48



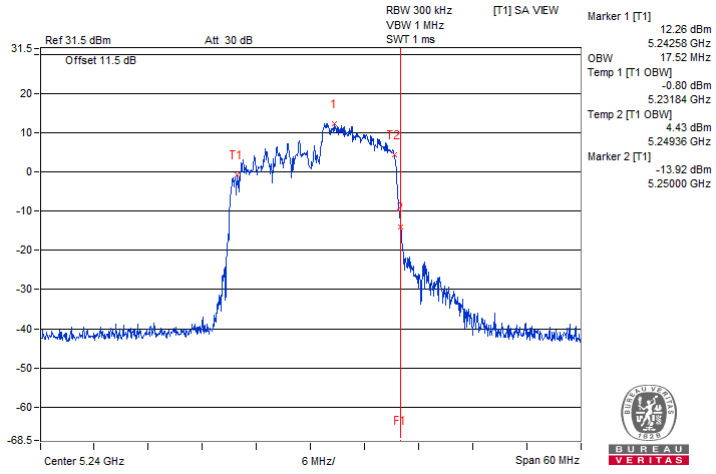
802.11ax (RU52) / Chain 0 : CH 48



802.11ax (RU52) / Chain 1 : CH 48



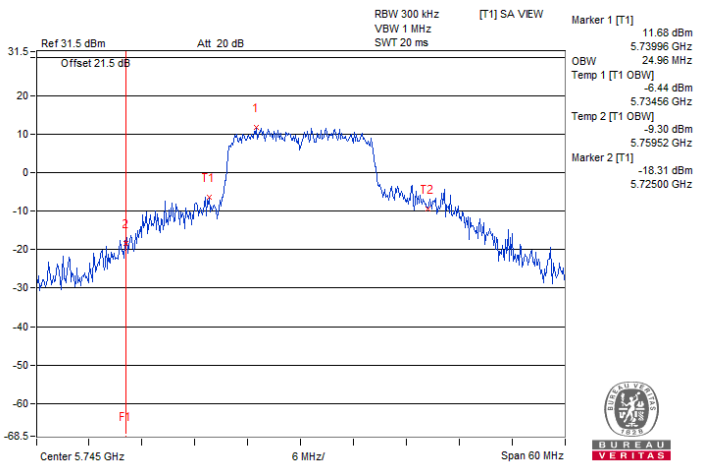
802.11ax (RU106) / Chain 0 : CH 48



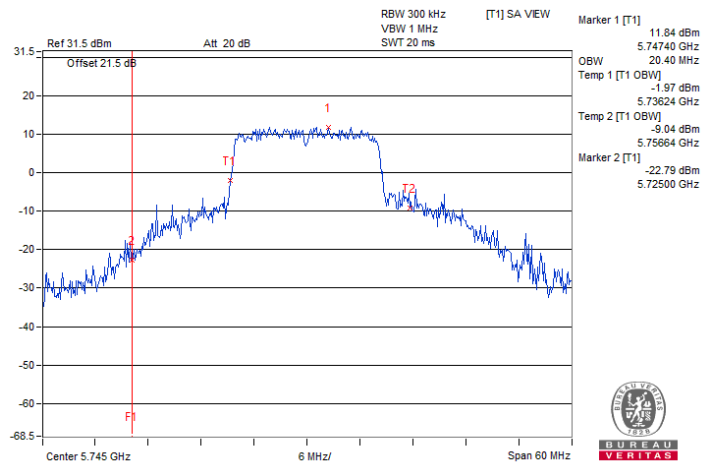
802.11ax (RU106) / Chain 1 : CH 48

Spectrum Plot for nearby DFS band

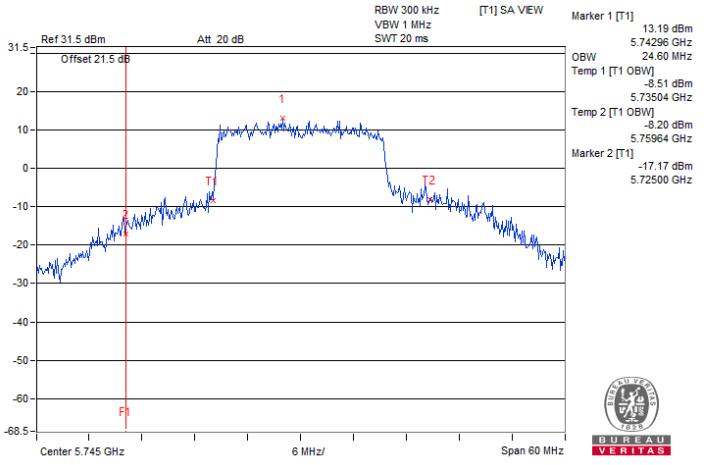
(DFS is required, if 99% OCP straddle into U-NII-2C band)



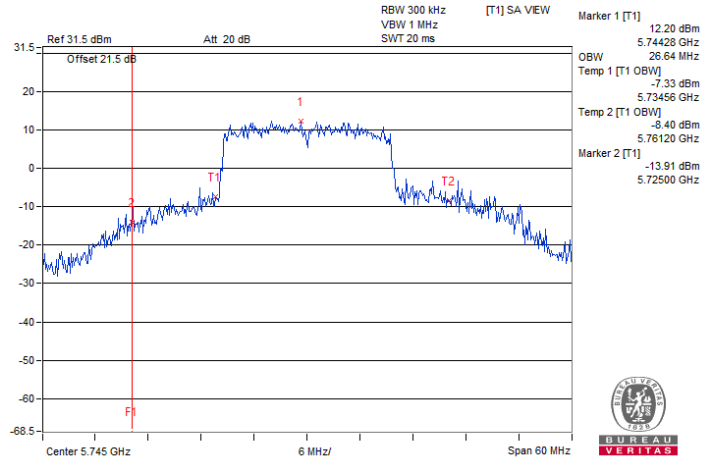
802.11a / Chain 0 : CH 149



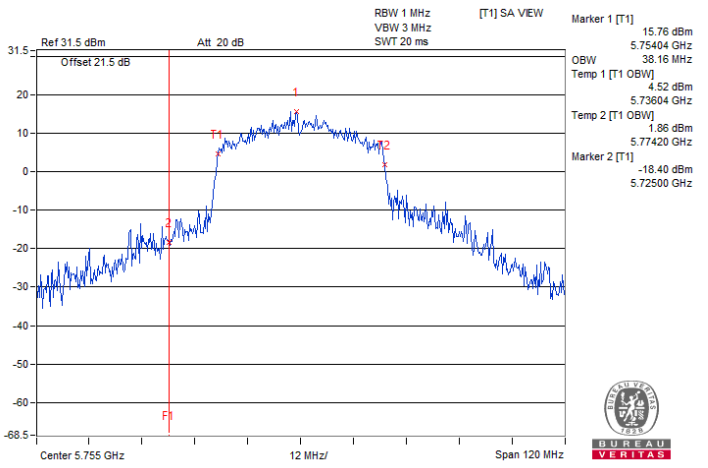
802.11a / Chain 1 : CH 149



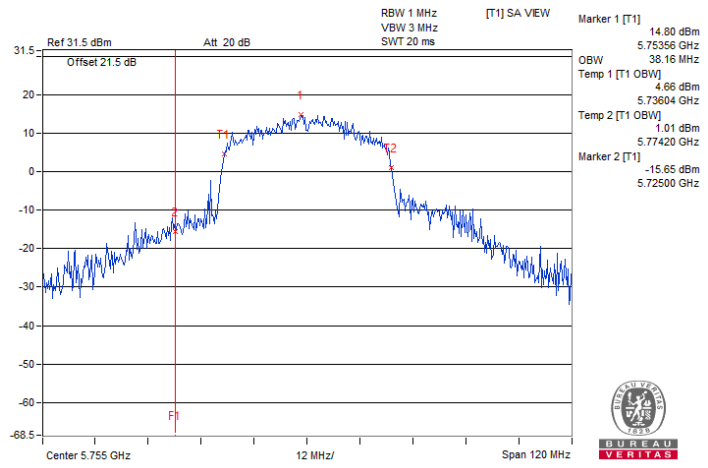
802.11ax (HE20) / Chain 0 : CH 149



802.11ax (HE20) / Chain 1 : CH 149



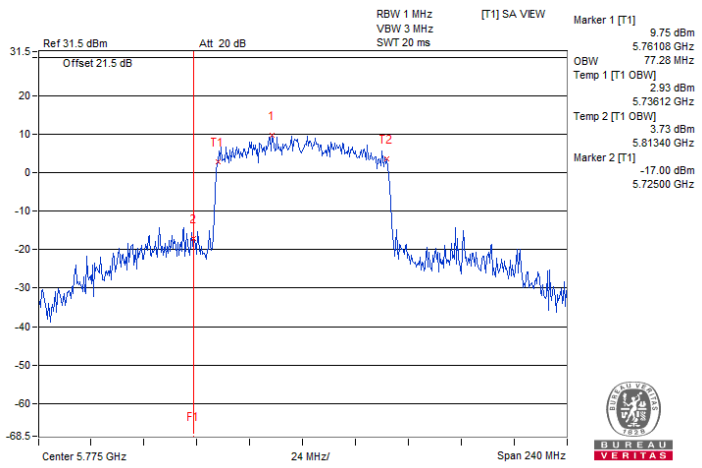
802.11ax (HE40) / Chain 0 : CH 151



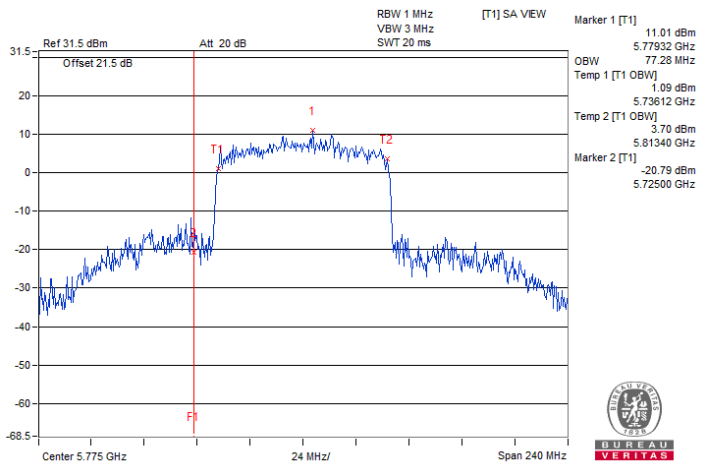
802.11ax (HE40) / Chain 1 : CH 151

Spectrum Plot for nearby DFS band

(DFS is required, if 99% OCP straddle into U-NII-2C band)



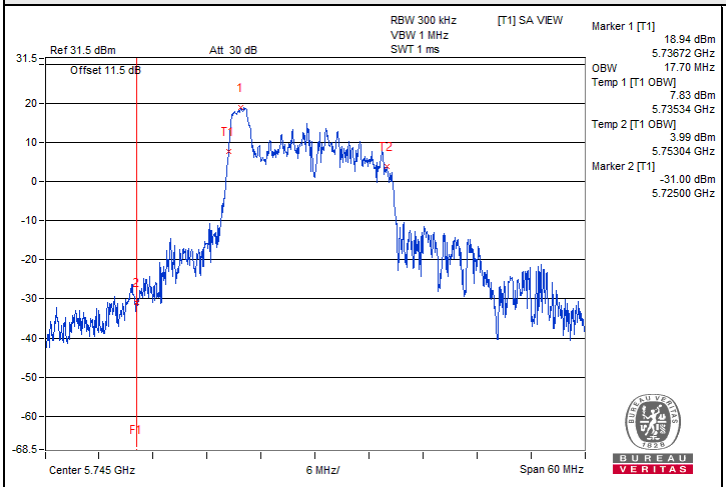
802.11ax (HE80) / Chain 0 : CH 155



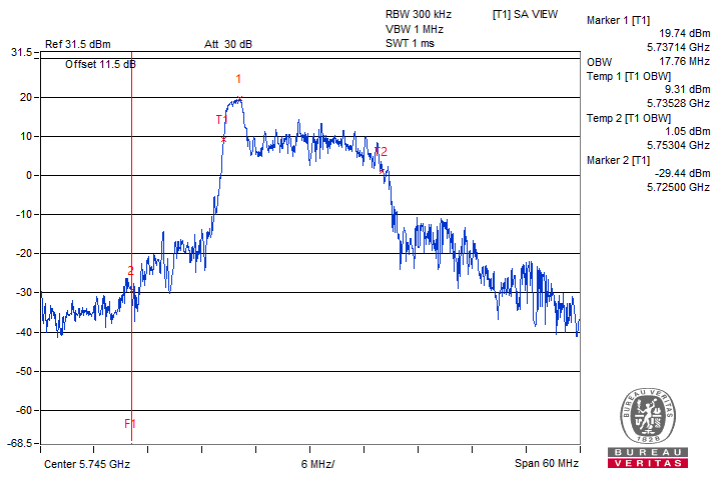
802.11ax (HE80) / Chain 1 : CH 155

Spectrum Plot for nearby DFS band

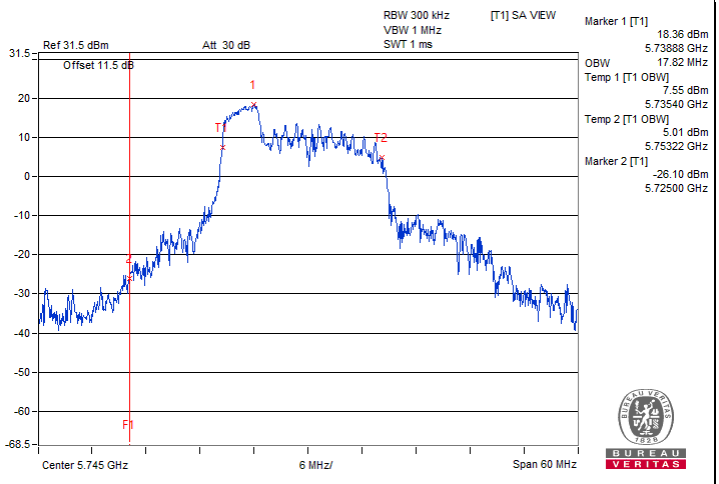
(DFS is required, if 99% OCP straddle into U-NII-2C band)



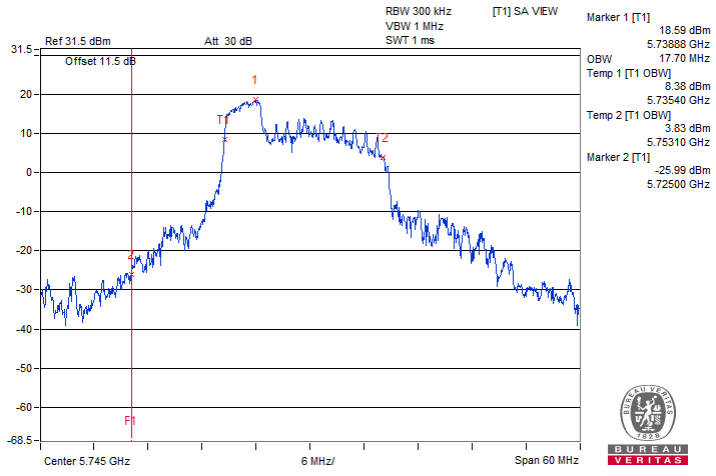
802.11ax (RU26) / Chain 0 : CH 149



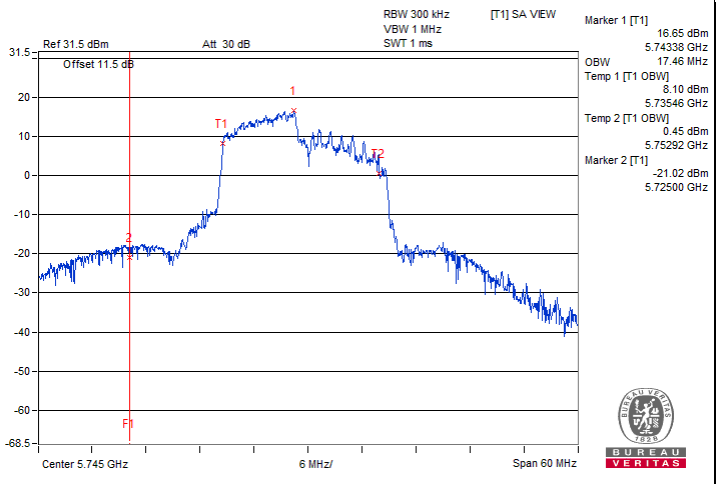
802.11ax (RU26) / Chain 1 : CH 149



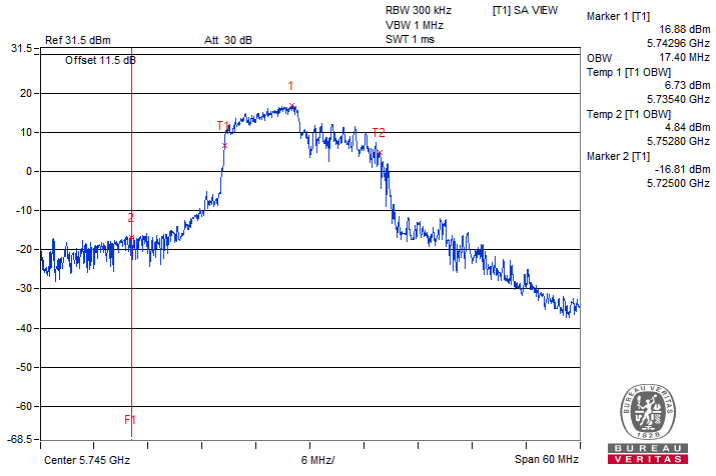
802.11ax (RU52) / Chain 0 : CH 149



802.11ax (RU52) / Chain 1 : CH 149



802.11ax (RU106) / Chain 0 : CH 149



802.11ax (RU106) / Chain 1 : CH 149

7.6 Frequency Stability

Mode E

Input Power:	3.3 Vdc	Environmental Conditions:	24°C, 64% RH	Tested By:	John Peng

802.11a

Frequency Stability Versus Temp.									
Operating Frequency: 5180 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	5179.9936	Pass	5179.9933	Pass	5179.9953	Pass	5179.9946	Pass
60	3.3	5180.0091	Pass	5180.0117	Pass	5180.01	Pass	5180.007	Pass
50	3.3	5180.009	Pass	5180.0072	Pass	5180.0107	Pass	5180.0065	Pass
40	3.3	5179.9876	Pass	5179.9883	Pass	5179.9879	Pass	5179.9865	Pass
30	3.3	5179.9817	Pass	5179.9833	Pass	5179.9824	Pass	5179.9819	Pass
20	3.3	5179.984	Pass	5179.9839	Pass	5179.982	Pass	5179.9839	Pass
10	3.3	5180.0277	Pass	5180.0281	Pass	5180.0271	Pass	5180.0249	Pass
0	3.3	5179.9761	Pass	5179.9773	Pass	5179.9788	Pass	5179.9766	Pass
-10	3.3	5180.0073	Pass	5180.0083	Pass	5180.0093	Pass	5180.0086	Pass
-20	3.3	5179.9884	Pass	5179.9849	Pass	5179.9874	Pass	5179.9881	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5180 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	5179.9922	Pass	5179.9893	Pass	5179.9916	Pass	5179.9892	Pass
	3.3	5179.984	Pass	5179.9839	Pass	5179.982	Pass	5179.9839	Pass
	2.805	5179.9894	Pass	5179.9897	Pass	5179.9865	Pass	5179.9851	Pass

7.7 AC Power Conducted Emissions

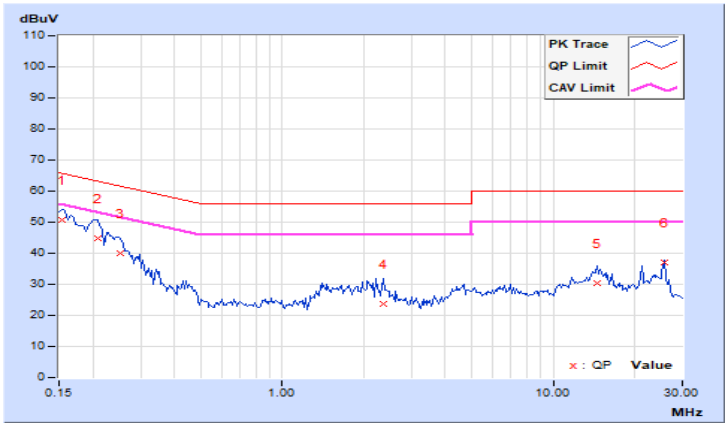
Mode D

RF Mode	TX 802.11ax (HE20)	**Channel**	CH 149：5745 MHz
Frequency Range	150 kHz ~ 30 MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 64% RH
Tested By	Samposn Chen		

Phase Of Power : Line (L)										
No	**Frequency (MHz)**	**Correction Factor (dB)**	**Reading Value (dBuV)**		**Emission Level (dBuV)**		**Limit (dBuV)**		**Margin (dB)**	
			Q.P.	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**
1	0.15391	10.05	40.78	24.02	50.83	34.07	65.79	55.79	-14.96	-21.72
2	0.20859	10.05	34.88	19.45	44.93	29.50	63.26	53.26	-18.33	-23.76
3	0.25156	10.06	29.96	15.85	40.02	25.91	61.71	51.71	-21.69	-25.80
4	2.37109	10.18	13.38	6.93	23.56	17.11	56.00	46.00	-32.44	-28.89
5	14.49609	10.89	19.63	13.21	30.52	24.10	60.00	50.00	-29.48	-25.90
6	25.87109	11.31	25.90	24.65	37.21	35.96	60.00	50.00	-22.79	-14.04

Remarks:

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

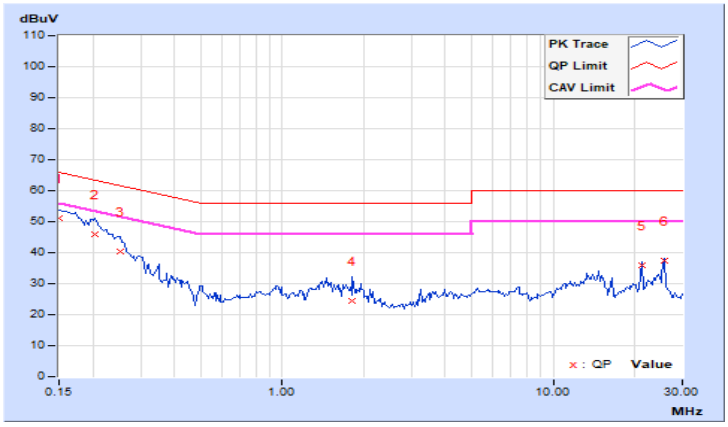


RF Mode	TX 802.11ax (HE20)	**Channel**	CH 149：5745 MHz
Frequency Range	150 kHz ~ 30 MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 64% RH
Tested By	Samposn Chen		

Phase Of Power : Neutral (N)										
No	**Frequency (MHz)**	**Correction Factor (dB)**	**Reading Value (dBuV)**		**Emission Level (dBuV)**		**Limit (dBuV)**		**Margin (dB)**	
			Q.P.	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**
1	0.15000	10.02	40.98	25.94	51.00	35.96	66.00	56.00	-15.00	-20.04
2	0.20469	10.03	35.73	20.41	45.76	30.44	63.42	53.42	-17.66	-22.98
3	0.25156	10.03	30.40	15.69	40.43	25.72	61.71	51.71	-21.28	-25.99
4	1.82031	10.12	14.40	7.20	24.52	17.32	56.00	46.00	-31.48	-28.68
5	21.16797	10.96	25.07	24.18	36.03	35.14	60.00	50.00	-23.97	-14.86
6	**25.87109**	**10.98**	**26.44**	**25.64**	**37.42**	**36.62**	**60.00**	**50.00**	**-22.58**	**-13.38**

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



7.8 Unwanted Emissions below 1 GHz

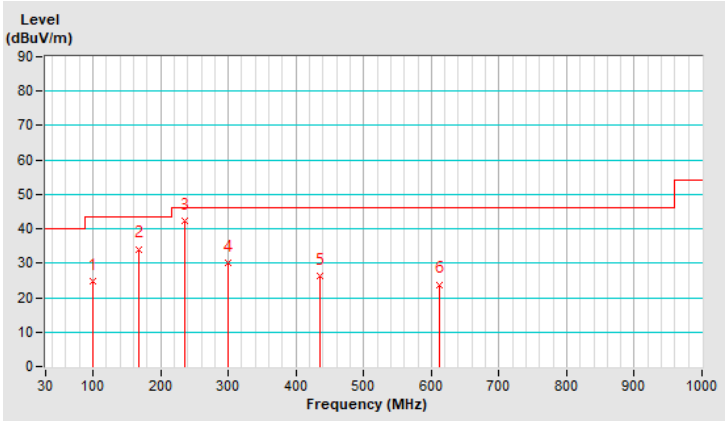
Mode A

RF Mode	TX 802.11ax (HE20)	Channel	CH 40：5200 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	100.70	24.6 QP	43.5	-18.9	3.00 H	89	41.8	-17.2
2	167.39	34.1 QP	43.5	-9.4	2.00 H	307	47.2	-13.1
3	234.73	42.2 QP	46.0	-3.8	1.50 H	101	57.0	-14.8
4	299.36	30.2 QP	46.0	-15.8	1.00 H	134	42.5	-12.3
5	434.75	26.2 QP	46.0	-19.8	3.00 H	84	34.8	-8.6
6	611.97	23.8 QP	46.0	-22.2	3.00 H	148	28.7	-4.9

Remarks:

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

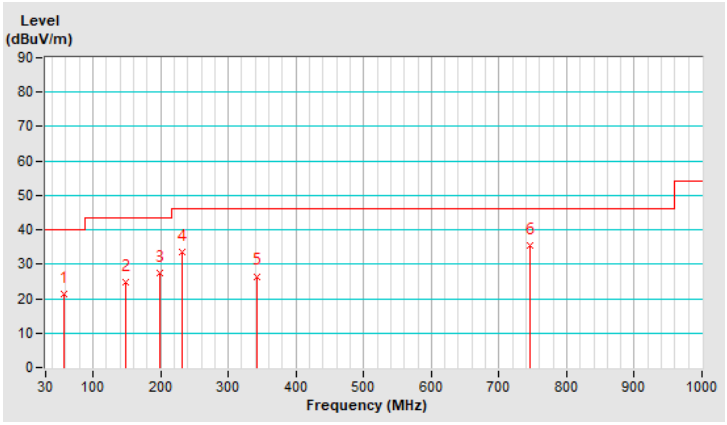


RF Mode	TX 802.11ax (HE20)	Channel	CH 40：5200 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	56.90	21.3 QP	40.0	-18.7	1.50 V	312	34.5	-13.2
2	147.79	24.7 QP	43.5	-18.8	1.00 V	123	37.4	-12.7
3	198.64	27.6 QP	43.5	-15.9	1.50 V	236	43.7	-16.1
4	232.71	33.4 QP	46.0	-12.6	2.00 V	42	48.5	-15.1
5	342.53	26.5 QP	46.0	-19.5	1.50 V	169	37.8	-11.3
6	746.58	35.6 QP	46.0	-10.4	3.00 V	297	38.5	-2.9

Remarks:

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



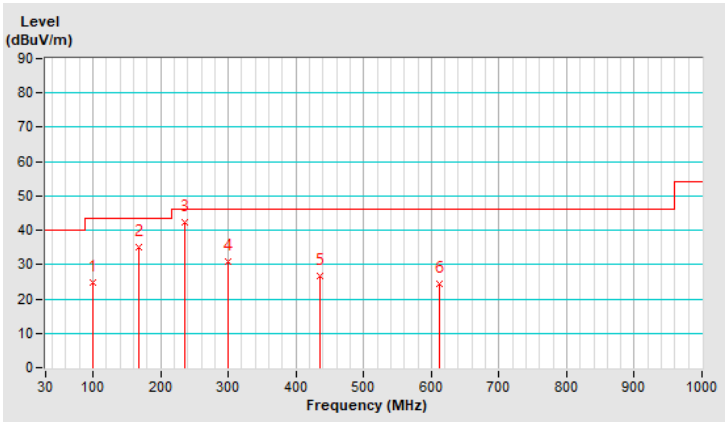
Mode B

RF Mode	TX 802.11ax (HE20)	Channel	CH 40：5200 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	100.74	24.9 QP	43.5	-18.6	3.00 H	111	42.1	-17.2
2	167.77	34.9 QP	43.5	-8.6	2.00 H	324	48.0	-13.1
3	234.88	42.4 QP	46.0	-3.6	1.50 H	102	57.2	-14.8
4	300.23	30.8 QP	46.0	-15.2	1.00 H	137	43.1	-12.3
5	434.57	26.7 QP	46.0	-19.3	3.00 H	67	35.3	-8.6
6	612.57	24.4 QP	46.0	-21.6	3.00 H	141	29.3	-4.9

Remarks:

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

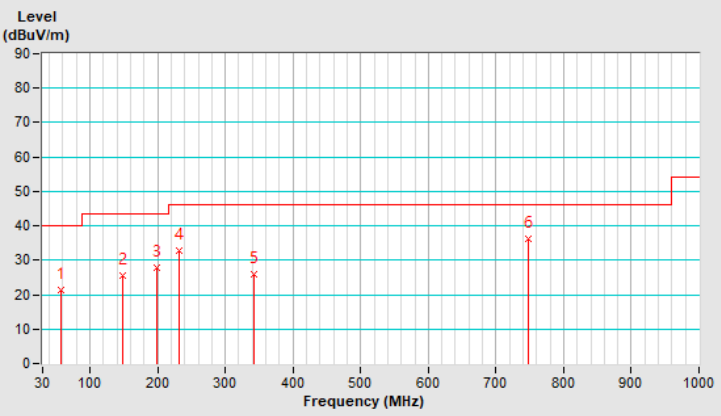


RF Mode	TX 802.11ax (HE20)	Channel	CH 40：5200 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	56.97	21.2 QP	40.0	-18.8	1.50 V	328	34.4	-13.2
2	147.87	25.4 QP	43.5	-18.1	1.00 V	122	38.1	-12.7
3	198.94	27.9 QP	43.5	-15.6	1.50 V	237	44.0	-16.1
4	232.19	32.8 QP	46.0	-13.2	2.00 V	59	48.0	-15.2
5	342.15	26.0 QP	46.0	-20.0	1.50 V	169	37.2	-11.2
6	747.15	36.1 QP	46.0	-9.9	3.00 V	312	38.9	-2.8

Remarks:

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



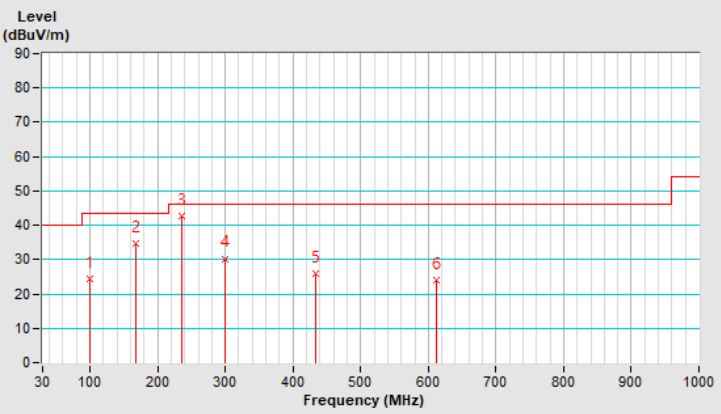
Mode C

RF Mode	TX 802.11ax (HE20)	Channel	CH 149：5745 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	100.68	24.3 QP	43.5	-19.2	3.00 H	106	41.5	-17.2
2	167.51	34.7 QP	43.5	-8.8	2.00 H	325	47.8	-13.1
3	**235.25**	**42.6 QP**	**46.0**	**-3.4**	**1.50 H**	**104**	**57.4**	**-14.8**
4	300.00	30.3 QP	46.0	-15.7	1.00 H	158	42.6	-12.3
5	434.42	25.9 QP	46.0	-20.1	3.00 H	91	34.5	-8.6
6	612.71	24.1 QP	46.0	-21.9	3.00 H	143	29.0	-4.9

Remarks:

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

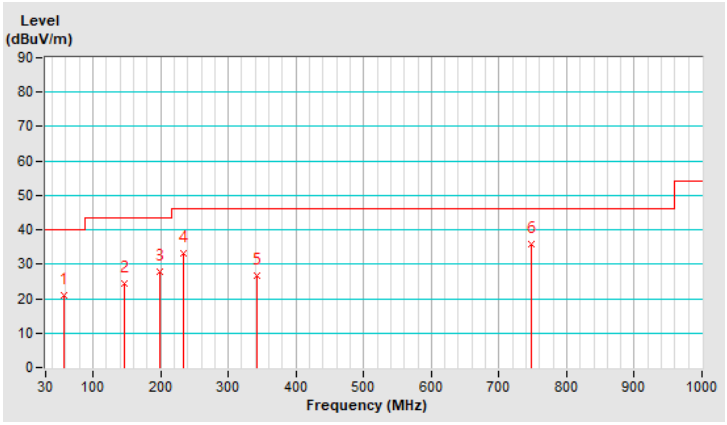


RF Mode	TX 802.11ax (HE20)	Channel	CH 149：5745 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	56.72	21.1 QP	40.0	-18.9	1.50 V	317	34.2	-13.1
2	147.31	24.4 QP	43.5	-19.1	1.00 V	99	37.0	-12.6
3	198.99	27.7 QP	43.5	-15.8	1.50 V	225	43.8	-16.1
4	233.17	33.3 QP	46.0	-12.7	2.00 V	60	48.3	-15.0
5	342.87	26.7 QP	46.0	-19.3	1.50 V	182	38.0	-11.3
6	747.20	35.7 QP	46.0	-10.3	3.00 V	311	38.5	-2.8

Remarks:

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



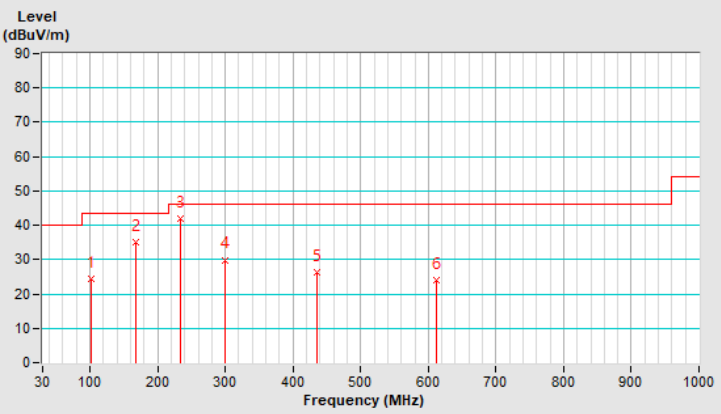
Mode D

RF Mode	TX 802.11ax (HE20)	Channel	CH 149：5745 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	100.81	24.5 QP	43.5	-19.0	3.00 H	112	41.7	-17.2
2	168.28	35.1 QP	43.5	-8.4	2.00 H	315	48.2	-13.1
3	233.72	41.8 QP	46.0	-4.2	1.50 H	107	56.8	-15.0
4	299.36	29.9 QP	46.0	-16.1	1.00 H	160	42.2	-12.3
5	434.55	26.4 QP	46.0	-19.6	3.00 H	68	35.0	-8.6
6	612.37	23.9 QP	46.0	-22.1	3.00 H	151	28.8	-4.9

Remarks:

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

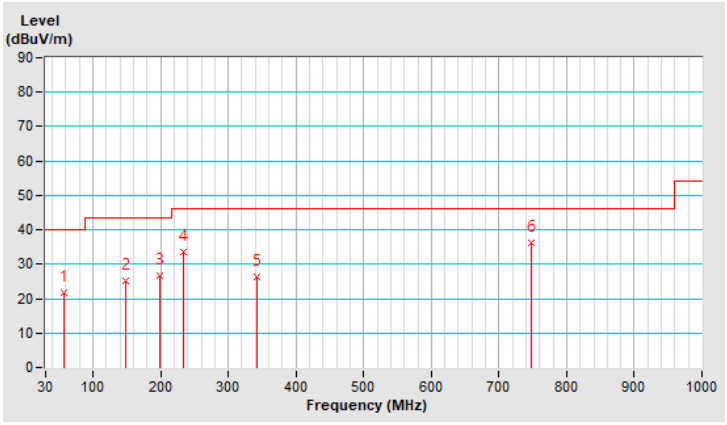


RF Mode	TX 802.11ax (HE20)	Channel	CH 149：5745 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	19°C, 64% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	57.46	21.7 QP	40.0	-18.3	1.50 V	302	34.9	-13.2
2	147.86	25.2 QP	43.5	-18.3	1.00 V	113	37.9	-12.7
3	198.01	26.8 QP	43.5	-16.7	1.50 V	228	42.9	-16.1
4	233.49	33.7 QP	46.0	-12.3	2.00 V	67	48.7	-15.0
5	341.93	26.2 QP	46.0	-19.8	1.50 V	167	37.4	-11.2
6	747.90	36.3 QP	46.0	-9.7	3.00 V	286	39.1	-2.8

Remarks:

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



7.9 Unwanted Emissions above 1 GHz

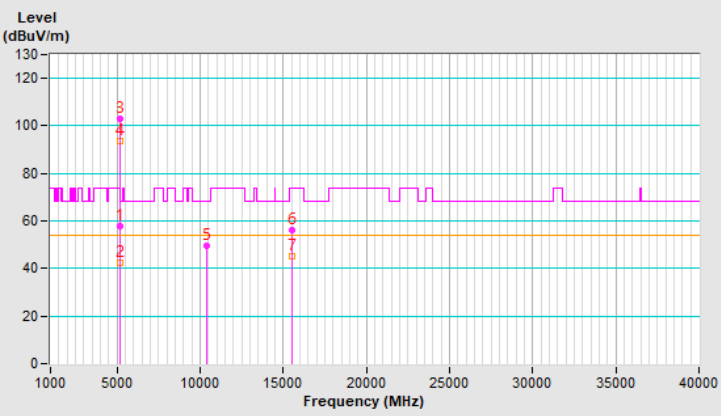
Mode A

RF Mode	TX 802.11a	**Channel**	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5150.00	57.6 PK	74.0	-16.4	1.68 H	181	55.2	2.4
2	5150.00	42.6 AV	54.0	-11.4	1.68 H	181	40.2	2.4
3	*5180.00	102.8 PK			1.68 H	181	100.6	2.2
4	*5180.00	93.6 AV			1.68 H	181	91.4	2.2
5	#10360.00	49.5 PK	68.2	-18.7	1.29 H	287	37.8	11.7
6	15540.00	56.3 PK	74.0	-17.7	1.10 H	310	44.5	11.8
7	15540.00	45.4 AV	54.0	-8.6	1.10 H	310	33.6	11.8

Remarks:

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

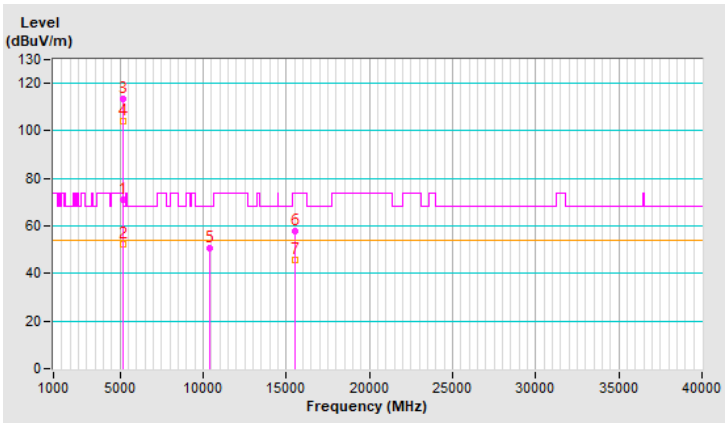


RF Mode	TX 802.11a	Channel	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	70.8 PK	74.0	-3.2	3.29 V	92	68.4	2.4
2	5150.00	52.3 AV	54.0	-1.7	3.29 V	92	49.9	2.4
3	*5180.00	113.6 PK			3.29 V	92	111.4	2.2
4	*5180.00	104.3 AV			3.29 V	92	102.1	2.2
5	#10360.00	50.9 PK	68.2	-17.3	1.60 V	177	39.2	11.7
6	15540.00	58.0 PK	74.0	-16.0	1.98 V	247	46.2	11.8
7	15540.00	45.9 AV	54.0	-8.1	1.98 V	247	34.1	11.8

Remarks:

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

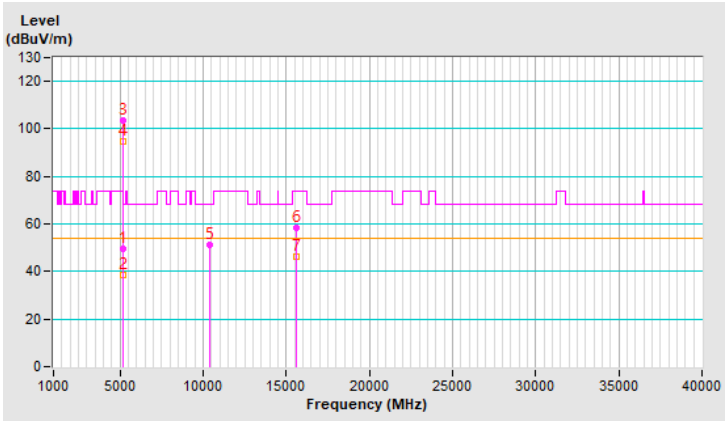


RF Mode	TX 802.11a	Channel	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	49.6 PK	74.0	-24.4	1.69 H	167	47.2	2.4
2	5150.00	38.5 AV	54.0	-15.5	1.69 H	167	36.1	2.4
3	*5200.00	103.5 PK			1.69 H	167	101.4	2.1
4	*5200.00	94.8 AV			1.69 H	167	92.7	2.1
5	#10400.00	51.4 PK	68.2	-16.8	1.37 H	286	39.5	11.9
6	15600.00	58.2 PK	74.0	-15.8	1.14 H	307	46.7	11.5
7	15600.00	46.5 AV	54.0	-7.5	1.14 H	307	35.0	11.5

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.

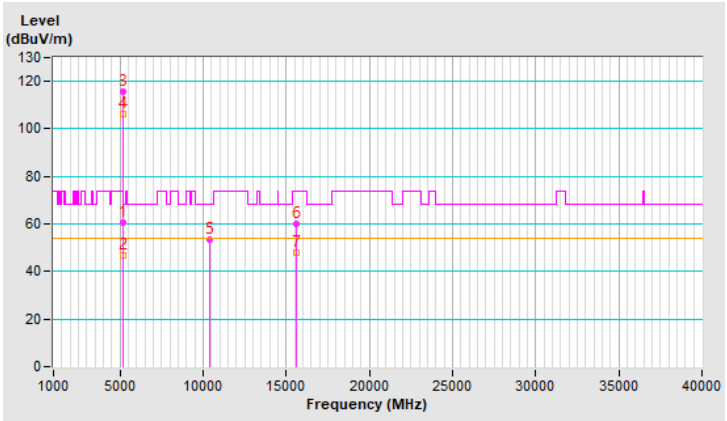


RF Mode	TX 802.11a	Channel	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.7 PK	74.0	-13.3	3.26 V	90	58.3	2.4
2	5150.00	46.8 AV	54.0	-7.2	3.26 V	90	44.4	2.4
3	*5200.00	115.9 PK			3.26 V	90	113.8	2.1
4	*5200.00	106.4 AV			3.26 V	90	104.3	2.1
5	#10400.00	53.2 PK	68.2	-15.0	1.52 V	192	41.3	11.9
6	15600.00	59.9 PK	74.0	-14.1	1.96 V	253	48.4	11.5
7	15600.00	47.9 AV	54.0	-6.1	1.96 V	253	36.4	11.5

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.

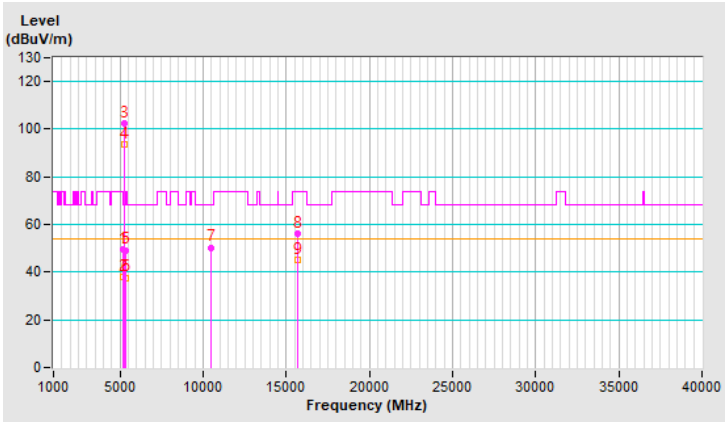


RF Mode	TX 802.11a	Channel	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	49.5 PK	74.0	-24.5	1.58 H	196	47.1	2.4
2	5150.00	38.2 AV	54.0	-15.8	1.58 H	196	35.8	2.4
3	*5240.00	102.4 PK			1.58 H	196	100.5	1.9
4	*5240.00	93.5 AV			1.58 H	196	91.6	1.9
5	5350.00	49.3 PK	74.0	-24.7	1.58 H	196	47.3	2.0
6	5350.00	37.7 AV	54.0	-16.3	1.58 H	196	35.7	2.0
7	#10480.00	50.4 PK	68.2	-17.8	1.32 H	267	38.5	11.9
8	15720.00	56.4 PK	74.0	-17.6	1.15 H	291	44.7	11.7
9	15720.00	45.2 AV	54.0	-8.8	1.15 H	291	33.5	11.7

Remarks:

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

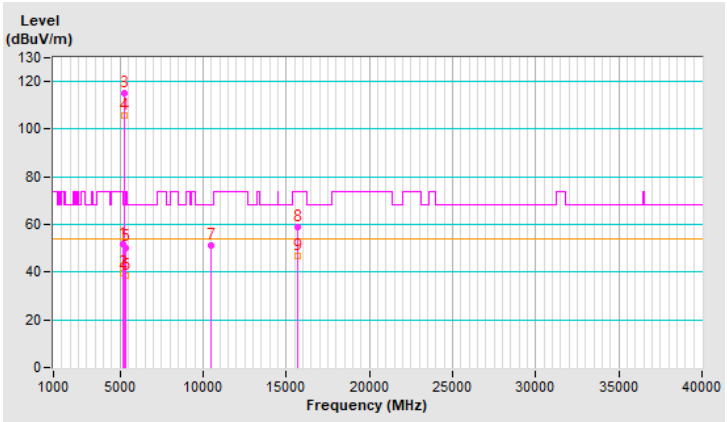


RF Mode	TX 802.11a	Channel	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	51.6 PK	74.0	-22.4	3.30 V	96	49.2	2.4
2	5150.00	39.6 AV	54.0	-14.4	3.30 V	96	37.2	2.4
3	*5240.00	115.2 PK			3.30 V	96	113.3	1.9
4	*5240.00	105.8 AV			3.30 V	96	103.9	1.9
5	5350.00	50.4 PK	74.0	-23.6	3.30 V	96	48.4	2.0
6	5350.00	38.4 AV	54.0	-15.6	3.30 V	96	36.4	2.0
7	#10480.00	51.0 PK	68.2	-17.2	1.60 V	174	39.1	11.9
8	15720.00	58.8 PK	74.0	-15.2	1.91 V	265	47.1	11.7
9	15720.00	46.7 AV	54.0	-7.3	1.91 V	265	35.0	11.7

Remarks:

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

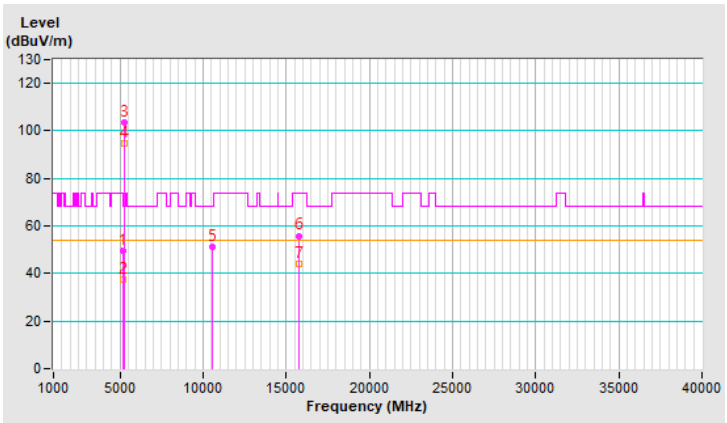


RF Mode	TX 802.11a	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	49.5 PK	74.0	-24.5	2.90 H	117	47.1	2.4
2	5150.00	37.4 AV	54.0	-16.6	2.90 H	117	35.0	2.4
3	*5260.00	103.3 PK			2.90 H	117	101.5	1.8
4	*5260.00	94.7 AV			2.90 H	117	92.9	1.8
5	#10520.00	51.0 PK	68.2	-17.2	1.35 H	270	39.0	12.0
6	15780.00	55.9 PK	74.0	-18.1	1.15 H	292	44.4	11.5
7	15780.00	44.3 AV	54.0	-9.7	1.15 H	292	32.8	11.5

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.

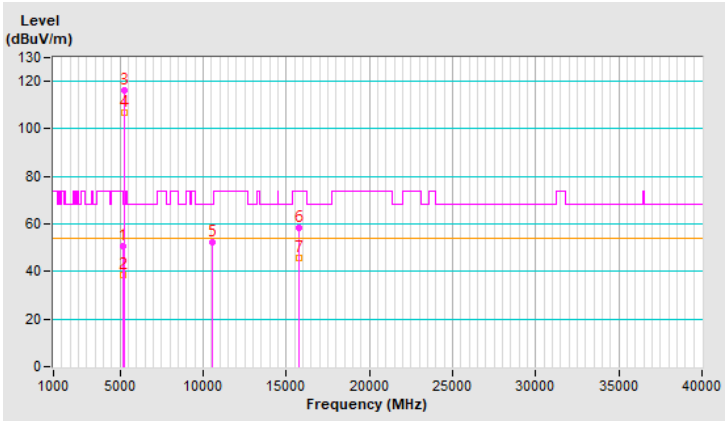


RF Mode	TX 802.11a	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.8 PK	74.0	-23.2	3.22 V	73	48.4	2.4
2	5150.00	38.7 AV	54.0	-15.3	3.22 V	73	36.3	2.4
3	*5260.00	116.1 PK			3.22 V	73	114.3	1.8
4	*5260.00	106.9 AV			3.22 V	73	105.1	1.8
5	#10520.00	52.2 PK	68.2	-16.0	1.64 V	173	40.2	12.0
6	15780.00	58.5 PK	74.0	-15.5	1.30 V	321	47.0	11.5
7	15780.00	45.8 AV	54.0	-8.2	1.30 V	321	34.3	11.5

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.

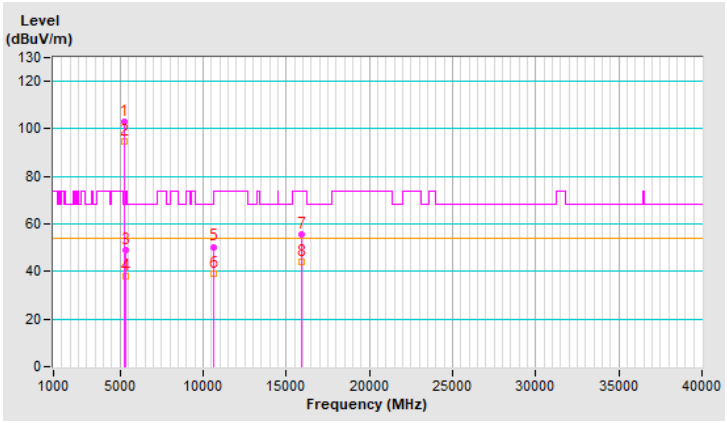


RF Mode	TX 802.11a	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	103.1 PK			2.94 H	119	101.4	1.7
2	*5300.00	94.6 AV			2.94 H	119	92.9	1.7
3	5350.00	48.8 PK	74.0	-25.2	2.94 H	119	46.8	2.0
4	5350.00	38.0 AV	54.0	-16.0	2.94 H	119	36.0	2.0
5	10600.00	50.4 PK	74.0	-23.6	1.40 H	284	38.7	11.7
6	10600.00	39.1 AV	54.0	-14.9	1.40 H	284	27.4	11.7
7	15900.00	55.7 PK	74.0	-18.3	1.19 H	294	44.6	11.1
8	15900.00	43.8 AV	54.0	-10.2	1.19 H	294	32.7	11.1

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.

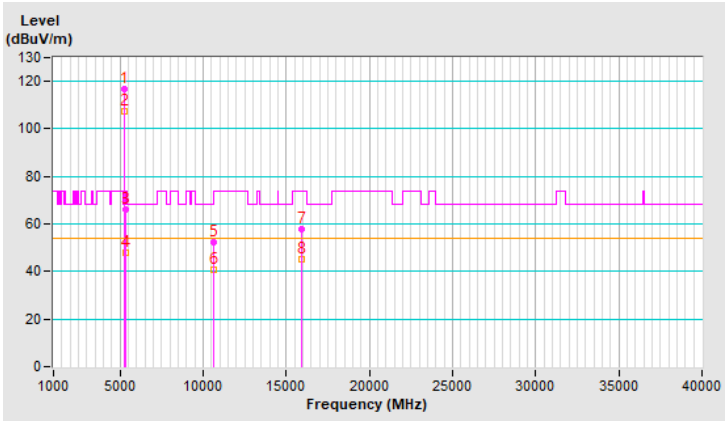


RF Mode	TX 802.11a	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	116.7 PK			3.19 V	88	115.0	1.7
2	*5300.00	107.4 AV			3.19 V	88	105.7	1.7
3	5350.00	66.3 PK	74.0	-7.7	3.19 V	88	64.3	2.0
4	5350.00	47.7 AV	54.0	-6.3	3.19 V	88	45.7	2.0
5	10600.00	52.5 PK	74.0	-21.5	1.61 V	176	40.8	11.7
6	10600.00	40.6 AV	54.0	-13.4	1.61 V	176	28.9	11.7
7	15900.00	57.9 PK	74.0	-16.1	1.24 V	307	46.8	11.1
8	15900.00	45.4 AV	54.0	-8.6	1.24 V	307	34.3	11.1

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.

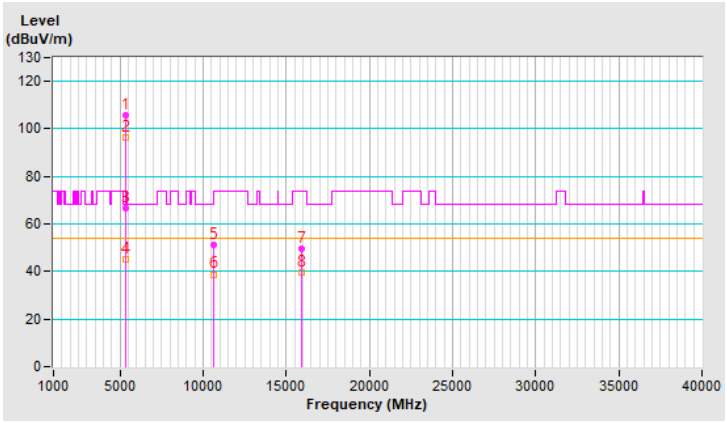


RF Mode	TX 802.11a	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	105.6 PK			3.03 H	103	103.9	1.7
2	*5320.00	96.5 AV			3.03 H	103	94.8	1.7
3	5350.00	66.5 PK	74.0	-7.5	3.03 H	103	64.5	2.0
4	5350.00	45.0 AV	54.0	-9.0	3.03 H	103	43.0	2.0
5	10640.00	51.0 PK	74.0	-23.0	1.41 H	284	39.4	11.6
6	10640.00	38.8 AV	54.0	-15.2	1.41 H	284	27.2	11.6
7	15960.00	49.7 PK	74.0	-24.3	1.33 H	287	38.3	11.4
8	15960.00	39.5 AV	54.0	-14.5	1.33 H	287	28.1	11.4

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.

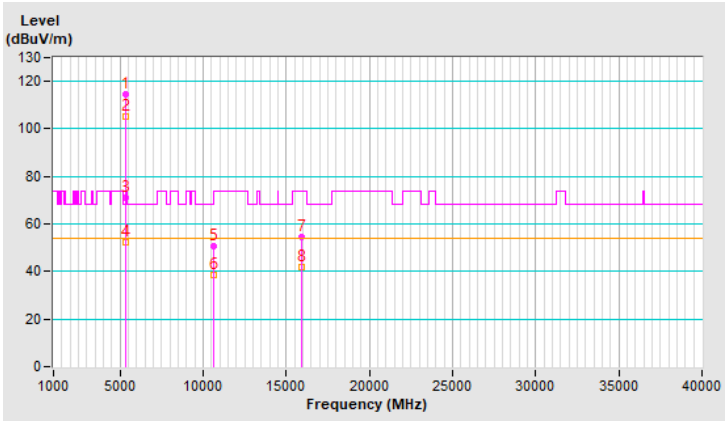


RF Mode	TX 802.11a	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	114.4 PK			3.21 V	91	112.7	1.7
2	*5320.00	105.2 AV			3.21 V	91	103.5	1.7
3	5350.00	71.1 PK	74.0	-2.9	3.21 V	91	69.1	2.0
4	5350.00	52.1 AV	54.0	-1.9	3.21 V	91	50.1	2.0
5	10640.00	50.8 PK	74.0	-23.2	1.56 V	180	39.2	11.6
6	10640.00	38.7 AV	54.0	-15.3	1.56 V	180	27.1	11.6
7	15960.00	54.3 PK	74.0	-19.7	1.18 V	304	42.9	11.4
8	15960.00	41.8 AV	54.0	-12.2	1.18 V	304	30.4	11.4

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.

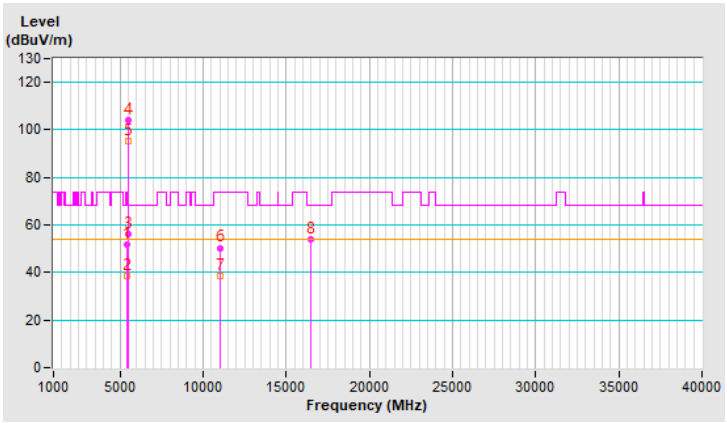


RF Mode	TX 802.11a	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.6 PK	74.0	-22.4	3.00 H	106	49.4	2.2
2	5460.00	38.6 AV	54.0	-15.4	3.00 H	106	36.4	2.2
3	#5470.00	56.3 PK	68.2	-11.9	3.00 H	106	54.1	2.2
4	*5500.00	103.9 PK			3.00 H	106	101.8	2.1
5	*5500.00	95.1 AV			3.00 H	106	93.0	2.1
6	11000.00	50.4 PK	74.0	-23.6	1.42 H	284	38.3	12.1
7	11000.00	38.3 AV	54.0	-15.7	1.42 H	284	26.2	12.1
8	#16500.00	54.0 PK	68.2	-14.2	1.28 H	294	40.6	13.4

Remarks:

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

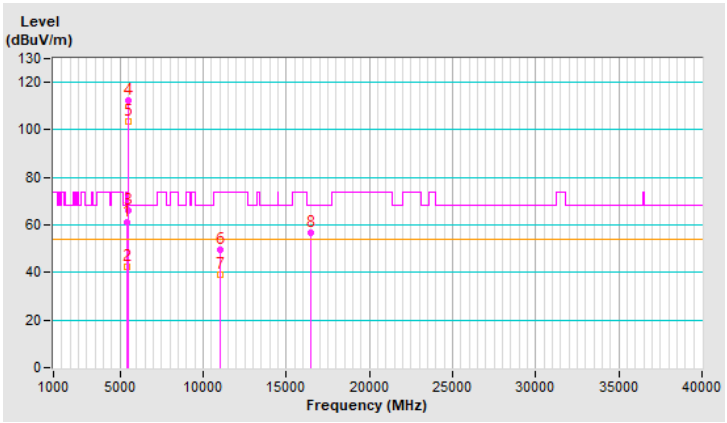


RF Mode	TX 802.11a	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.9 PK	74.0	-13.1	3.23 V	92	58.7	2.2
2	5460.00	42.4 AV	54.0	-11.6	3.23 V	92	40.2	2.2
3	#5465.90	66.3 PK	68.2	-1.9	3.23 V	92	64.1	2.2
4	*5500.00	112.6 PK			3.23 V	92	110.5	2.1
5	*5500.00	103.6 AV			3.23 V	92	101.5	2.1
6	11000.00	49.8 PK	74.0	-24.2	1.48 V	182	37.7	12.1
7	11000.00	39.0 AV	54.0	-15.0	1.48 V	182	26.9	12.1
8	#16500.00	56.5 PK	68.2	-11.7	1.26 V	328	43.1	13.4

Remarks:

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

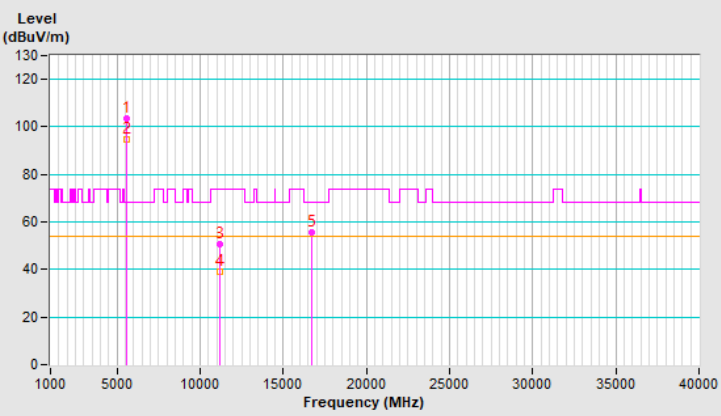


RF Mode	TX 802.11a	**Channel**	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5580.00	103.3 PK			3.06 H	101	101.1	2.2
2	*5580.00	94.7 AV			3.06 H	101	92.5	2.2
3	11160.00	50.7 PK	74.0	-23.3	1.37 H	286	38.8	11.9
4	11160.00	39.2 AV	54.0	-14.8	1.37 H	286	27.3	11.9
5	#16740.00	55.6 PK	68.2	-12.6	1.23 H	303	40.4	15.2

Remarks:

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

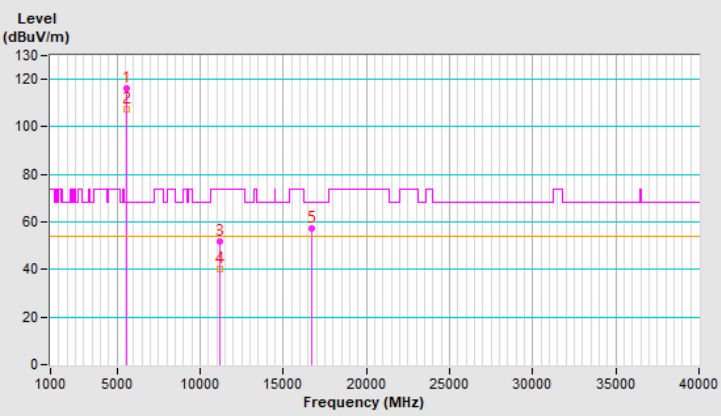


RF Mode	TX 802.11a	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	116.3 PK			3.14 V	100	114.1	2.2
2	*5580.00	107.2 AV			3.14 V	100	105.0	2.2
3	11160.00	52.0 PK	74.0	-22.0	1.56 V	172	40.1	11.9
4	11160.00	40.2 AV	54.0	-13.8	1.56 V	172	28.3	11.9
5	#16740.00	57.1 PK	68.2	-11.1	1.29 V	322	41.9	15.2

Remarks:

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

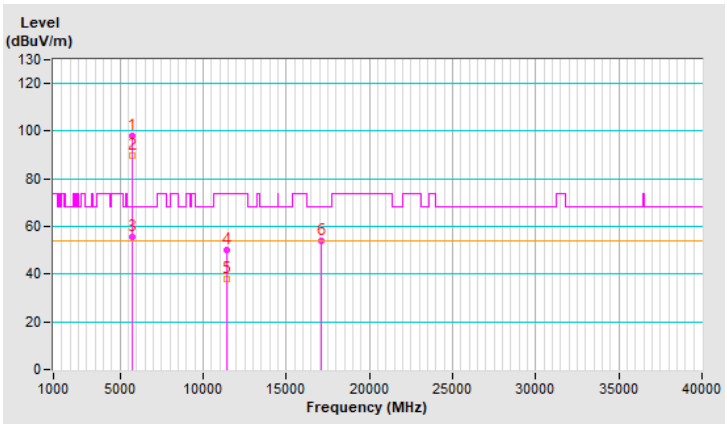


RF Mode	TX 802.11a	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	98.2 PK			2.97 H	86	95.9	2.3
2	*5700.00	89.7 AV			2.97 H	86	87.4	2.3
3	#5725.00	55.4 PK	68.2	-12.8	2.97 H	86	52.9	2.5
4	11400.00	50.1 PK	74.0	-23.9	1.42 H	297	37.9	12.2
5	11400.00	37.8 AV	54.0	-16.2	1.42 H	297	25.6	12.2
6	#17100.00	53.9 PK	68.2	-14.3	1.30 H	303	37.3	16.6

Remarks:

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

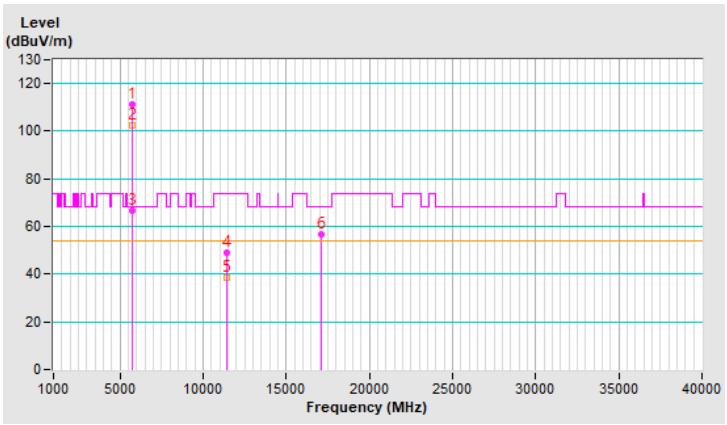


RF Mode	TX 802.11a	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	111.2 PK			3.02 V	93	108.9	2.3
2	*5700.00	102.2 AV			3.02 V	93	99.9	2.3
3	**#5725.00**	**66.7 PK**	**68.2**	**-1.5**	**3.02 V**	**93**	**64.2**	**2.5**
4	11400.00	49.2 PK	74.0	-24.8	1.50 V	167	37.0	12.2
5	11400.00	38.5 AV	54.0	-15.5	1.50 V	167	26.3	12.2
6	#17100.00	56.6 PK	68.2	-11.6	1.31 V	334	40.0	16.6

Remarks:

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

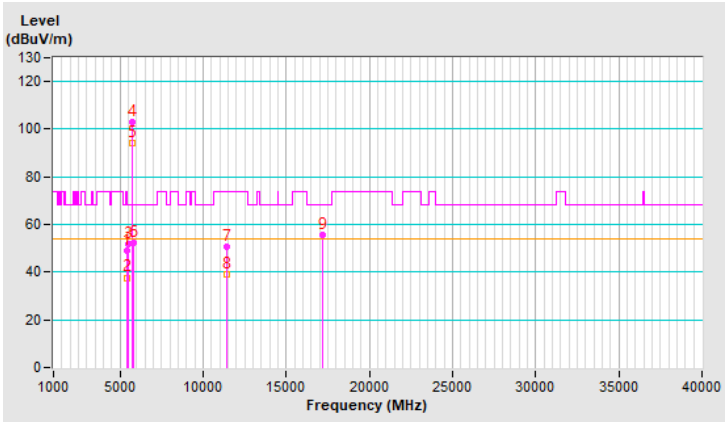


RF Mode	TX 802.11a	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	49.1 PK	74.0	-24.9	2.96 H	88	46.9	2.2
2	5460.00	37.7 AV	54.0	-16.3	2.96 H	88	35.5	2.2
3	#5470.00	51.6 PK	68.2	-16.6	2.96 H	88	49.4	2.2
4	*5720.00	102.9 PK			2.96 H	88	100.5	2.4
5	*5720.00	94.3 AV			2.96 H	88	91.9	2.4
6	#5850.00	52.4 PK	68.2	-15.8	2.96 H	88	49.5	2.9
7	11440.00	50.7 PK	74.0	-23.3	1.33 H	273	38.5	12.2
8	11440.00	39.3 AV	54.0	-14.7	1.33 H	273	27.1	12.2
9	#17160.00	55.5 PK	68.2	-12.7	1.25 H	311	39.0	16.5

Remarks:

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

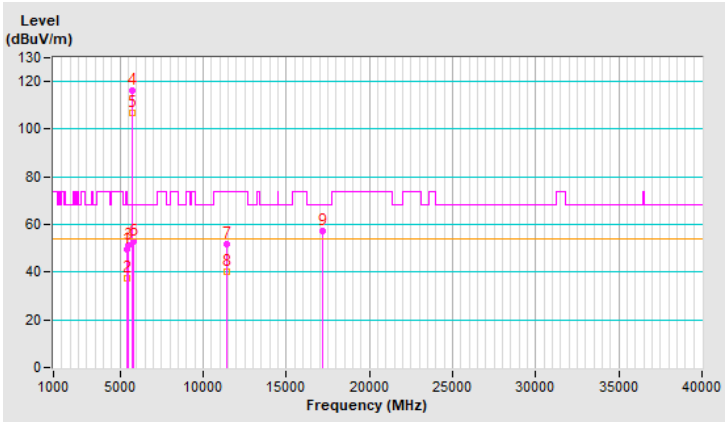


RF Mode	TX 802.11a	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	49.4 PK	74.0	-24.6	3.19 V	102	47.2	2.2
2	5460.00	37.6 AV	54.0	-16.4	3.19 V	102	35.4	2.2
3	#5470.00	51.2 PK	68.2	-17.0	3.19 V	102	49.0	2.2
4	*5720.00	116.2 PK			3.19 V	102	113.8	2.4
5	*5720.00	106.9 AV			3.19 V	102	104.5	2.4
6	#5850.00	52.9 PK	68.2	-15.3	3.19 V	102	50.0	2.9
7	11440.00	52.0 PK	74.0	-22.0	1.56 V	170	39.8	12.2
8	11440.00	40.1 AV	54.0	-13.9	1.56 V	170	27.9	12.2
9	#17160.00	57.2 PK	68.2	-11.0	1.30 V	321	40.7	16.5

Remarks:

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

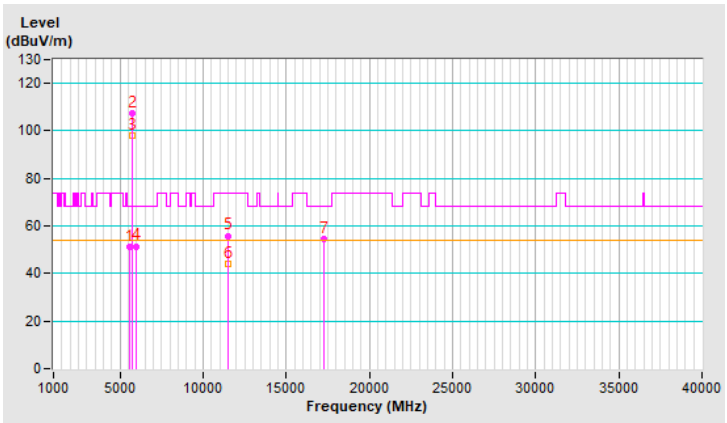


RF Mode	TX 802.11a	Channel	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5556.04	51.3 PK	68.2	-16.9	2.95 H	110	49.1	2.2
2	*5745.00	107.5 PK			2.95 H	110	105.0	2.5
3	*5745.00	98.1 AV			2.95 H	110	95.6	2.5
4	#5978.57	51.5 PK	68.2	-16.7	2.95 H	110	48.6	2.9
5	11490.00	55.9 PK	74.0	-18.1	1.16 H	283	43.5	12.4
6	11490.00	43.9 AV	54.0	-10.1	1.16 H	283	31.5	12.4
7	#17235.00	54.6 PK	68.2	-13.6	1.32 H	336	37.9	16.7

Remarks:

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

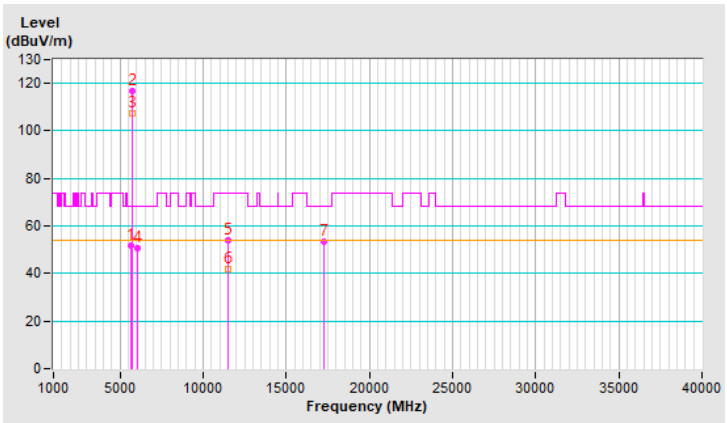


RF Mode	TX 802.11a	Channel	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.36	51.8 PK	68.2	-16.4	2.98 V	97	49.5	2.3
2	*5745.00	116.8 PK			2.98 V	97	114.3	2.5
3	*5745.00	107.3 AV			2.98 V	97	104.8	2.5
4	#6013.17	50.6 PK	68.2	-17.6	2.98 V	97	47.7	2.9
5	11490.00	53.8 PK	74.0	-20.2	1.50 V	301	41.4	12.4
6	11490.00	41.7 AV	54.0	-12.3	1.50 V	301	29.3	12.4
7	#17235.00	53.5 PK	68.2	-14.7	3.98 V	39	36.8	16.7

Remarks:

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

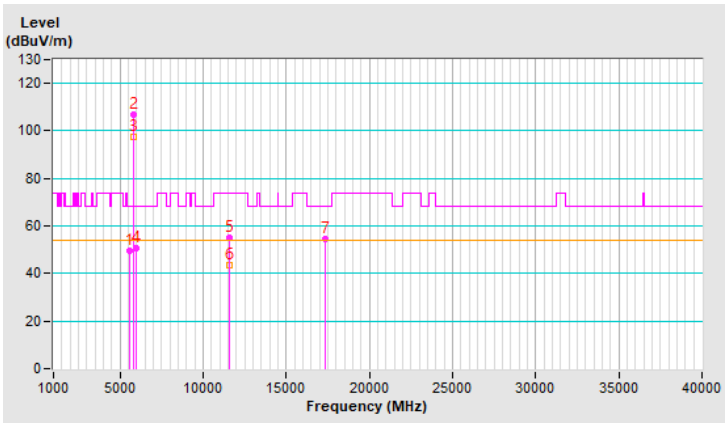


RF Mode	TX 802.11a	Channel	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5576.60	49.8 PK	68.2	-18.4	2.96 H	113	47.6	2.2
2	*5785.00	107.0 PK			2.96 H	113	104.3	2.7
3	*5785.00	97.5 AV			2.96 H	113	94.8	2.7
4	#5963.70	50.9 PK	68.2	-17.3	2.96 H	113	48.0	2.9
5	11570.00	55.2 PK	74.0	-18.8	1.12 H	257	42.8	12.4
6	11570.00	43.7 AV	54.0	-10.3	1.12 H	257	31.3	12.4
7	#17355.00	54.6 PK	68.2	-13.6	1.32 H	352	37.0	17.6

Remarks:

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

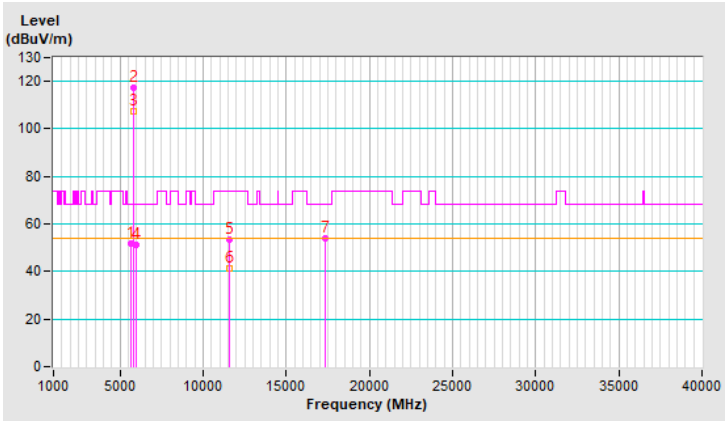


RF Mode	TX 802.11a	Channel	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5621.51	51.8 PK	68.2	-16.4	2.97 V	100	49.6	2.2
2	*5785.00	117.4 PK			2.97 V	100	114.7	2.7
3	*5785.00	107.6 AV			2.97 V	100	104.9	2.7
4	#5966.14	51.4 PK	68.2	-16.8	2.97 V	100	48.5	2.9
5	11570.00	53.2 PK	74.0	-20.8	1.54 V	320	40.8	12.4
6	11570.00	41.4 AV	54.0	-12.6	1.54 V	320	29.0	12.4
7	#17355.00	53.9 PK	68.2	-14.3	4.00 V	30	36.3	17.6

Remarks:

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

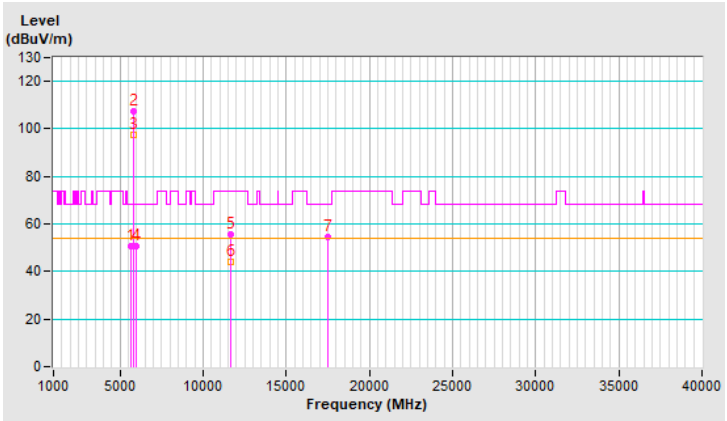


RF Mode	TX 802.11a	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5619.67	50.8 PK	68.2	-17.4	2.90 H	109	48.6	2.2
2	*5825.00	107.2 PK			2.90 H	109	104.4	2.8
3	*5825.00	97.6 AV			2.90 H	109	94.8	2.8
4	#5995.17	50.5 PK	68.2	-17.7	2.90 H	109	47.6	2.9
5	11650.00	55.7 PK	74.0	-18.3	1.15 H	272	43.8	11.9
6	11650.00	43.9 AV	54.0	-10.1	1.15 H	272	32.0	11.9
7	#17475.00	54.7 PK	68.2	-13.5	1.29 H	352	36.2	18.5

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.

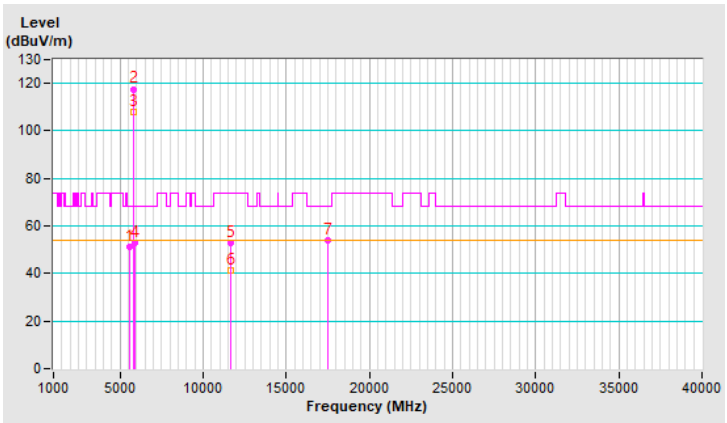


RF Mode	TX 802.11a	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5587.28	51.0 PK	68.2	-17.2	3.00 V	100	48.8	2.2
2	*5825.00	117.6 PK			3.00 V	100	114.8	2.8
3	*5825.00	108.0 AV			3.00 V	100	105.2	2.8
4	#5934.09	53.1 PK	68.2	-15.1	3.00 V	100	50.2	2.9
5	11650.00	53.0 PK	74.0	-21.0	1.55 V	309	41.1	11.9
6	11650.00	41.2 AV	54.0	-12.8	1.55 V	309	29.3	11.9
7	#17475.00	53.9 PK	68.2	-14.3	3.95 V	27	35.4	18.5

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.

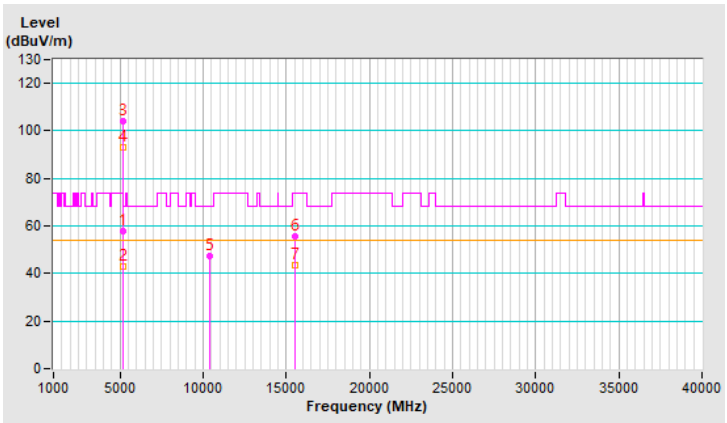


RF Mode	TX 802.11ax (HE20)	Channel	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.0 PK	74.0	-16.0	1.70 H	183	55.6	2.4
2	5150.00	42.8 AV	54.0	-11.2	1.70 H	183	40.4	2.4
3	*5180.00	104.1 PK			1.70 H	183	101.9	2.2
4	*5180.00	93.2 AV			1.70 H	183	91.0	2.2
5	#10360.00	47.6 PK	68.2	-20.6	1.32 H	280	35.9	11.7
6	15540.00	55.6 PK	74.0	-18.4	1.04 H	308	43.8	11.8
7	15540.00	43.6 AV	54.0	-10.4	1.04 H	308	31.8	11.8

Remarks:

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

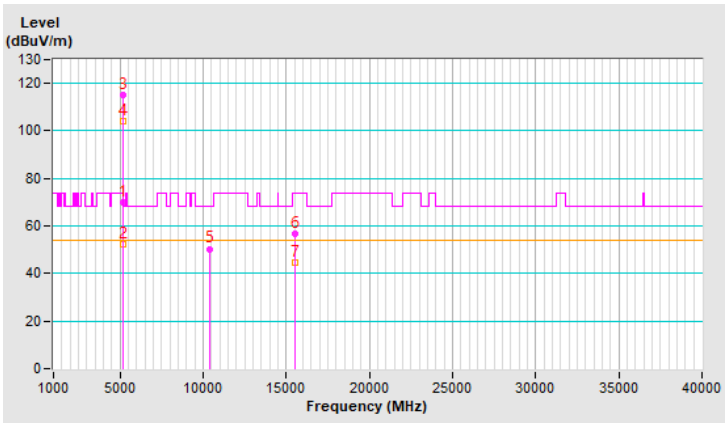


RF Mode	TX 802.11ax (HE20)	Channel	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	69.7 PK	74.0	-4.3	3.34 V	89	67.3	2.4
2	**5150.00**	**52.5 AV**	**54.0**	**-1.5**	**3.34 V**	**89**	**50.1**	**2.4**
3	*5180.00	114.9 PK			3.34 V	89	112.7	2.2
4	*5180.00	103.9 AV			3.34 V	89	101.7	2.2
5	#10360.00	50.4 PK	68.2	-17.8	1.58 V	168	38.7	11.7
6	15540.00	56.8 PK	74.0	-17.2	1.94 V	241	45.0	11.8
7	15540.00	44.7 AV	54.0	-9.3	1.94 V	241	32.9	11.8

Remarks:

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

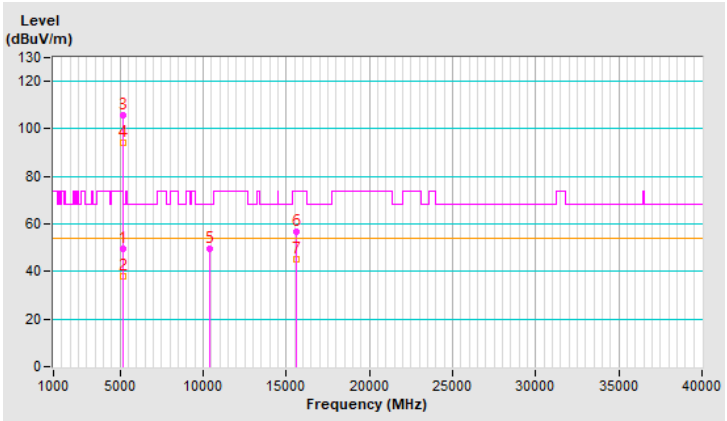


RF Mode	TX 802.11ax (HE20)	Channel	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	49.7 PK	74.0	-24.3	1.74 H	168	47.3	2.4
2	5150.00	38.2 AV	54.0	-15.8	1.74 H	168	35.8	2.4
3	*5200.00	105.6 PK			1.74 H	168	103.5	2.1
4	*5200.00	94.3 AV			1.74 H	168	92.2	2.1
5	#10400.00	49.4 PK	68.2	-18.8	1.43 H	295	37.5	11.9
6	15600.00	56.5 PK	74.0	-17.5	1.08 H	320	45.0	11.5
7	15600.00	44.9 AV	54.0	-9.1	1.08 H	320	33.4	11.5

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.

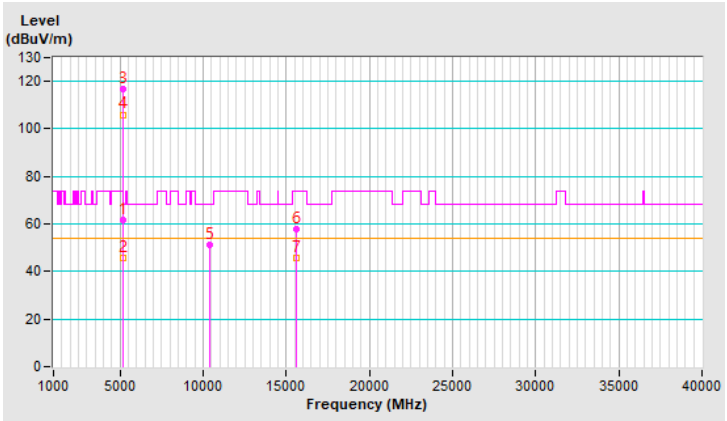


RF Mode	TX 802.11ax (HE20)	Channel	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.5 PK	74.0	-12.5	3.23 V	84	59.1	2.4
2	5150.00	45.8 AV	54.0	-8.2	3.23 V	84	43.4	2.4
3	*5200.00	117.0 PK			3.23 V	84	114.9	2.1
4	*5200.00	106.0 AV			3.23 V	84	103.9	2.1
5	#10400.00	51.3 PK	68.2	-16.9	1.53 V	189	39.4	11.9
6	15600.00	57.9 PK	74.0	-16.1	1.91 V	243	46.4	11.5
7	15600.00	45.8 AV	54.0	-8.2	1.91 V	243	34.3	11.5

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.

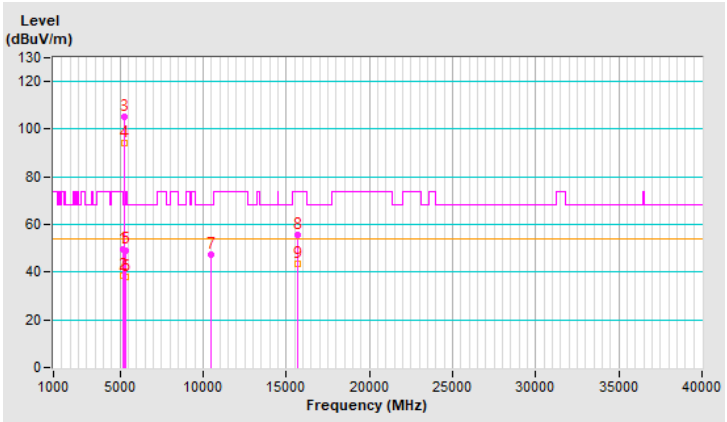


RF Mode	TX 802.11ax (HE20)	Channel	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	49.7 PK	74.0	-24.3	1.69 H	178	47.3	2.4
2	5150.00	38.4 AV	54.0	-15.6	1.69 H	178	36.0	2.4
3	*5240.00	105.2 PK			1.69 H	178	103.3	1.9
4	*5240.00	94.1 AV			1.69 H	178	92.2	1.9
5	5350.00	49.3 PK	74.0	-24.7	1.69 H	178	47.3	2.0
6	5350.00	37.9 AV	54.0	-16.1	1.69 H	178	35.9	2.0
7	#10480.00	47.2 PK	68.2	-21.0	1.34 H	285	35.3	11.9
8	15720.00	55.8 PK	74.0	-18.2	1.09 H	297	44.1	11.7
9	15720.00	43.7 AV	54.0	-10.3	1.09 H	297	32.0	11.7

Remarks:

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

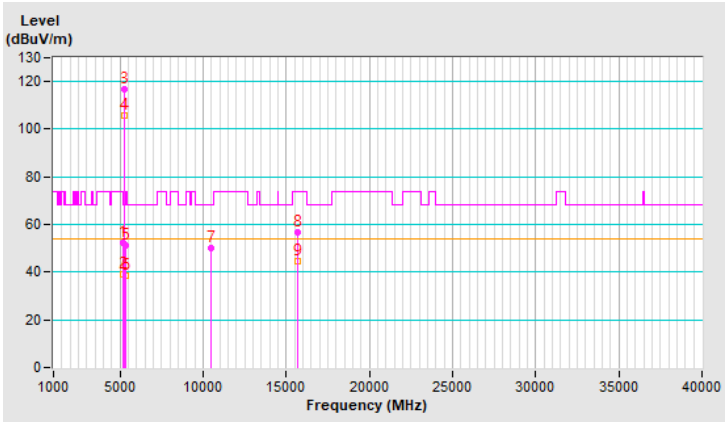


RF Mode	TX 802.11ax (HE20)	Channel	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	52.2 PK	74.0	-21.8	3.29 V	98	49.8	2.4
2	5150.00	39.3 AV	54.0	-14.7	3.29 V	98	36.9	2.4
3	*5240.00	116.7 PK			3.29 V	98	114.8	1.9
4	*5240.00	105.8 AV			3.29 V	98	103.9	1.9
5	5350.00	51.4 PK	74.0	-22.6	3.29 V	98	49.4	2.0
6	5350.00	38.3 AV	54.0	-15.7	3.29 V	98	36.3	2.0
7	#10480.00	50.2 PK	68.2	-18.0	1.58 V	178	38.3	11.9
8	15720.00	56.8 PK	74.0	-17.2	1.95 V	248	45.1	11.7
9	15720.00	44.4 AV	54.0	-9.6	1.95 V	248	32.7	11.7

Remarks:

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

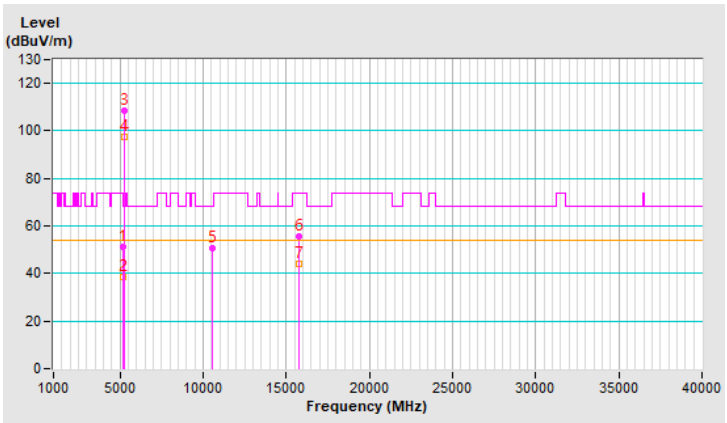


RF Mode	TX 802.11ax (HE20)	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	51.1 PK	74.0	-22.9	2.92 H	118	48.7	2.4
2	5150.00	38.7 AV	54.0	-15.3	2.92 H	118	36.3	2.4
3	*5260.00	108.3 PK			2.92 H	118	106.5	1.8
4	*5260.00	97.4 AV			2.92 H	118	95.6	1.8
5	#10520.00	50.7 PK	68.2	-17.5	1.41 H	259	38.7	12.0
6	15780.00	55.7 PK	74.0	-18.3	1.17 H	286	44.2	11.5
7	15780.00	43.9 AV	54.0	-10.1	1.17 H	286	32.4	11.5

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.

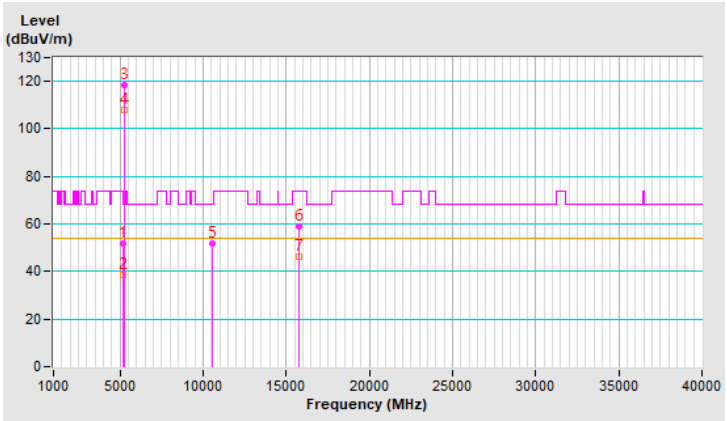


RF Mode	TX 802.11ax (HE20)	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	51.8 PK	74.0	-22.2	3.16 V	71	49.4	2.4
2	5150.00	38.5 AV	54.0	-15.5	3.16 V	71	36.1	2.4
3	*5260.00	118.3 PK			3.16 V	71	116.5	1.8
4	*5260.00	107.9 AV			3.16 V	71	106.1	1.8
5	#10520.00	52.0 PK	68.2	-16.2	1.63 V	176	40.0	12.0
6	15780.00	58.9 PK	74.0	-15.1	1.27 V	323	47.4	11.5
7	15780.00	46.2 AV	54.0	-7.8	1.27 V	323	34.7	11.5

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.

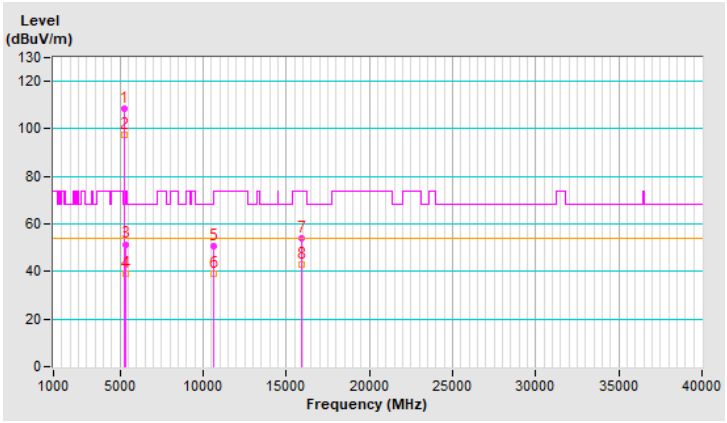


RF Mode	TX 802.11ax (HE20)	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	108.5 PK			2.91 H	109	106.8	1.7
2	*5300.00	97.6 AV			2.91 H	109	95.9	1.7
3	5350.00	51.5 PK	74.0	-22.5	2.91 H	109	49.5	2.0
4	5350.00	39.1 AV	54.0	-14.9	2.91 H	109	37.1	2.0
5	10600.00	50.6 PK	74.0	-23.4	1.35 H	287	38.9	11.7
6	10600.00	39.3 AV	54.0	-14.7	1.35 H	287	27.6	11.7
7	15900.00	53.9 PK	74.0	-20.1	1.24 H	285	42.8	11.1
8	15900.00	42.7 AV	54.0	-11.3	1.24 H	285	31.6	11.1

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.

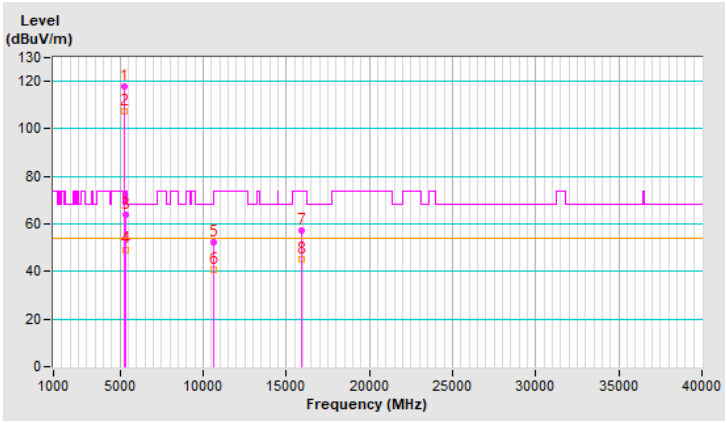


RF Mode	TX 802.11ax (HE20)	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	117.8 PK			3.16 V	83	116.1	1.7
2	*5300.00	107.5 AV			3.16 V	83	105.8	1.7
3	5350.00	63.8 PK	74.0	-10.2	3.16 V	83	61.8	2.0
4	5350.00	49.3 AV	54.0	-4.7	3.16 V	83	47.3	2.0
5	10600.00	52.5 PK	74.0	-21.5	1.63 V	170	40.8	11.7
6	10600.00	40.7 AV	54.0	-13.3	1.63 V	170	29.0	11.7
7	15900.00	57.2 PK	74.0	-16.8	1.19 V	314	46.1	11.1
8	15900.00	44.9 AV	54.0	-9.1	1.19 V	314	33.8	11.1

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.

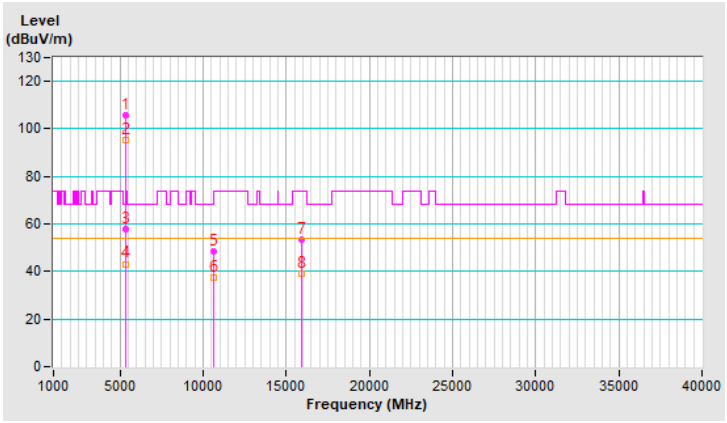


RF Mode	TX 802.11ax (HE20)	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	105.6 PK			3.00 H	100	103.9	1.7
2	*5320.00	95.2 AV			3.00 H	100	93.5	1.7
3	5350.00	57.6 PK	74.0	-16.4	3.00 H	100	55.6	2.0
4	5350.00	43.2 AV	54.0	-10.8	3.00 H	100	41.2	2.0
5	10640.00	48.4 PK	74.0	-25.6	1.32 H	272	36.8	11.6
6	10640.00	37.6 AV	54.0	-16.4	1.32 H	272	26.0	11.6
7	15960.00	53.3 PK	74.0	-20.7	1.19 H	297	41.9	11.4
8	15960.00	39.3 AV	54.0	-14.7	1.19 H	297	27.9	11.4

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.

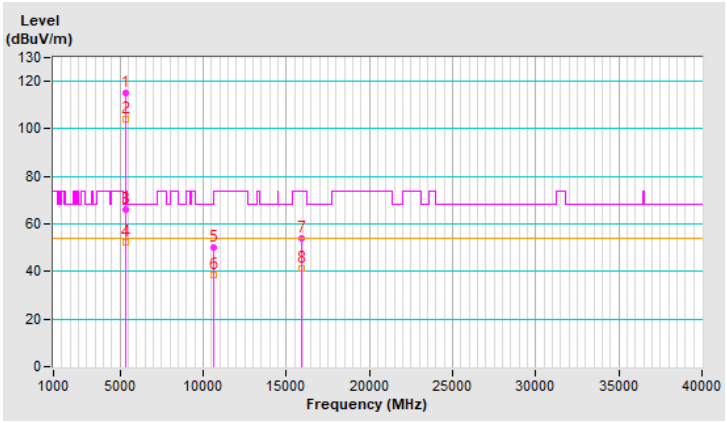


RF Mode	TX 802.11ax (HE20)	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	115.2 PK			3.22 V	94	113.5	1.7
2	*5320.00	104.1 AV			3.22 V	94	102.4	1.7
3	5350.00	66.0 PK	74.0	-8.0	3.22 V	94	64.0	2.0
4	5350.00	52.3 AV	54.0	-1.7	3.22 V	94	50.3	2.0
5	10640.00	50.2 PK	74.0	-23.8	1.58 V	188	38.6	11.6
6	10640.00	38.5 AV	54.0	-15.5	1.58 V	188	26.9	11.6
7	15960.00	53.8 PK	74.0	-20.2	1.18 V	302	42.4	11.4
8	15960.00	41.4 AV	54.0	-12.6	1.18 V	302	30.0	11.4

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.

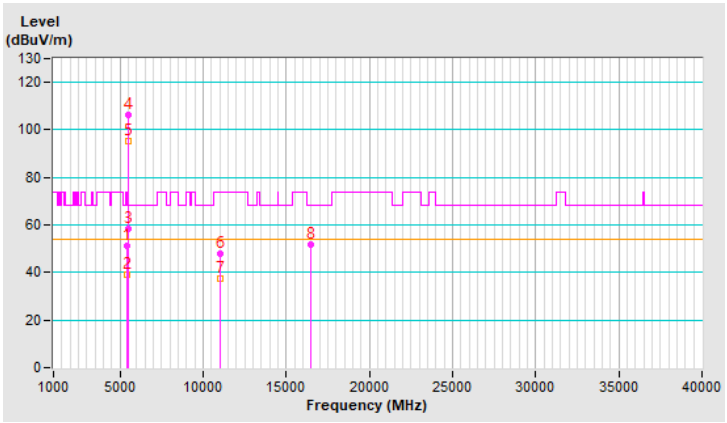


RF Mode	TX 802.11ax (HE20)	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.0 PK	74.0	-23.0	2.89 H	107	48.8	2.2
2	5460.00	39.1 AV	54.0	-14.9	2.89 H	107	36.9	2.2
3	#5467.00	58.2 PK	68.2	-10.0	2.89 H	107	56.0	2.2
4	*5500.00	106.2 PK			2.89 H	107	104.1	2.1
5	*5500.00	95.3 AV			2.89 H	107	93.2	2.1
6	11000.00	48.0 PK	74.0	-26.0	1.32 H	267	35.9	12.1
7	11000.00	37.4 AV	54.0	-16.6	1.32 H	267	25.3	12.1
8	#16500.00	51.7 PK	68.2	-16.5	1.18 H	290	38.3	13.4

Remarks:

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

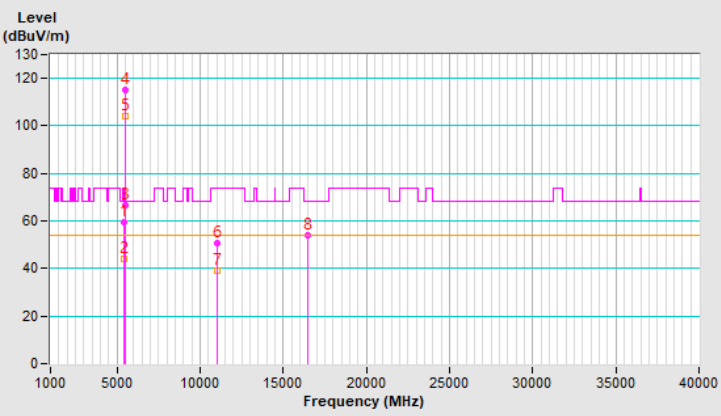


RF Mode	TX 802.11ax (HE20)	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.5 PK	74.0	-14.5	3.19 V	83	57.3	2.2
2	5460.00	44.0 AV	54.0	-10.0	3.19 V	83	41.8	2.2
3	**#5467.00**	**66.7 PK**	**68.2**	**-1.5**	**3.19 V**	**83**	**64.5**	**2.2**
4	*5500.00	114.9 PK			3.19 V	83	112.8	2.1
5	*5500.00	104.0 AV			3.19 V	83	101.9	2.1
6	11000.00	50.5 PK	74.0	-23.5	1.58 V	183	38.4	12.1
7	11000.00	38.9 AV	54.0	-15.1	1.58 V	183	26.8	12.1
8	#16500.00	53.8 PK	68.2	-14.4	1.14 V	293	40.4	13.4

Remarks:

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

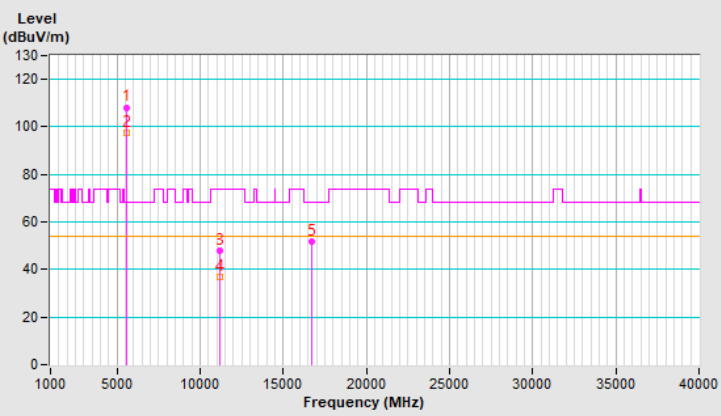


RF Mode	TX 802.11ax (HE20)	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	108.2 PK			2.82 H	91	106.0	2.2
2	*5580.00	97.3 AV			2.82 H	91	95.1	2.2
3	11160.00	47.8 PK	74.0	-26.2	1.36 H	259	35.9	11.9
4	11160.00	36.9 AV	54.0	-17.1	1.36 H	259	25.0	11.9
5	#16740.00	51.6 PK	68.2	-16.6	1.15 H	292	36.4	15.2

Remarks:

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

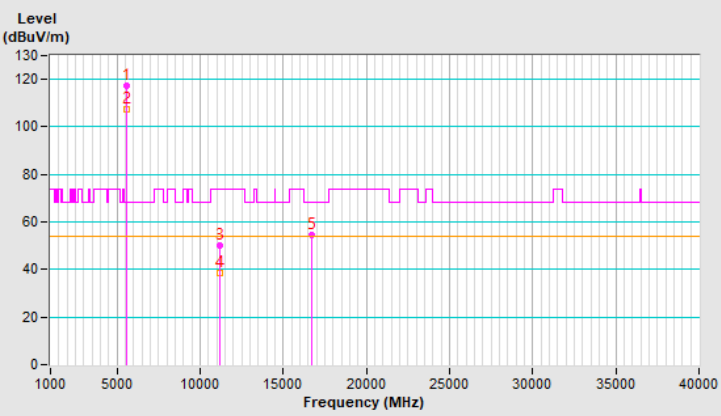


RF Mode	TX 802.11ax (HE20)	**Channel**	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5580.00	117.4 PK			3.20 V	69	115.2	2.2
2	*5580.00	107.2 AV			3.20 V	69	105.0	2.2
3	11160.00	50.2 PK	74.0	-23.8	1.56 V	170	38.3	11.9
4	11160.00	38.7 AV	54.0	-15.3	1.56 V	170	26.8	11.9
5	#16740.00	54.3 PK	68.2	-13.9	1.19 V	299	39.1	15.2

Remarks:

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

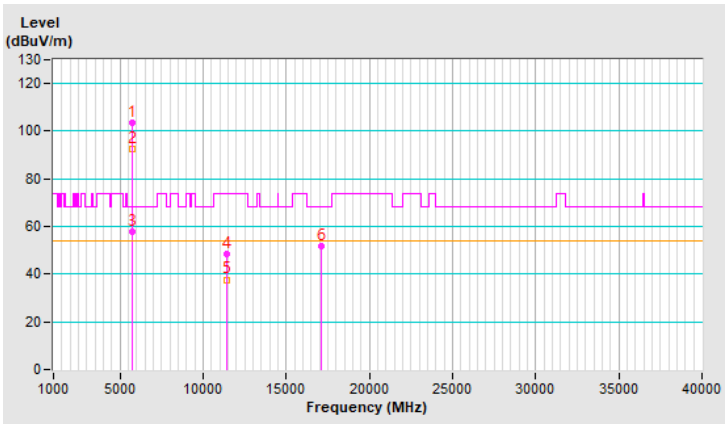


RF Mode	TX 802.11ax (HE20)	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	103.3 PK			2.85 H	104	101.0	2.3
2	*5700.00	92.6 AV			2.85 H	104	90.3	2.3
3	#5725.00	57.6 PK	68.2	-10.6	2.85 H	104	55.1	2.5
4	11400.00	48.4 PK	74.0	-25.6	1.34 H	256	36.2	12.2
5	11400.00	37.7 AV	54.0	-16.3	1.34 H	256	25.5	12.2
6	#17100.00	52.0 PK	68.2	-16.2	1.23 H	291	35.4	16.6

Remarks:

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

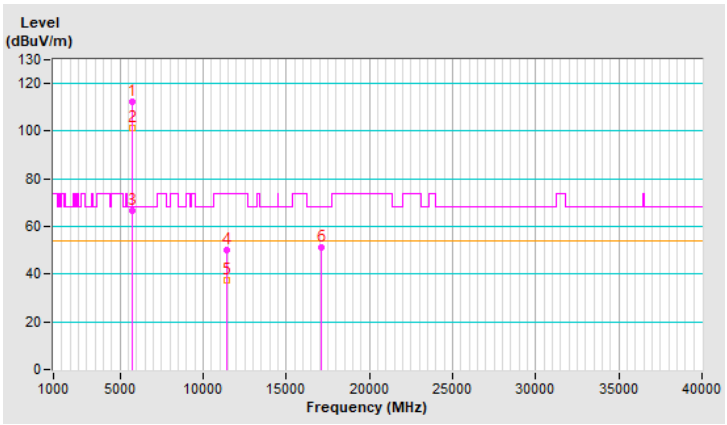


RF Mode	TX 802.11ax (HE20)	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	112.5 PK			3.05 V	95	110.2	2.3
2	*5700.00	101.3 AV			3.05 V	95	99.0	2.3
3	**#5725.00**	**66.7 PK**	**68.2**	**-1.5**	**3.05 V**	**95**	**64.2**	**2.5**
4	11400.00	49.9 PK	74.0	-24.1	1.53 V	173	37.7	12.2
5	11400.00	37.5 AV	54.0	-16.5	1.53 V	173	25.3	12.2
6	#17100.00	51.4 PK	68.2	-16.8	1.19 V	291	34.8	16.6

Remarks:

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

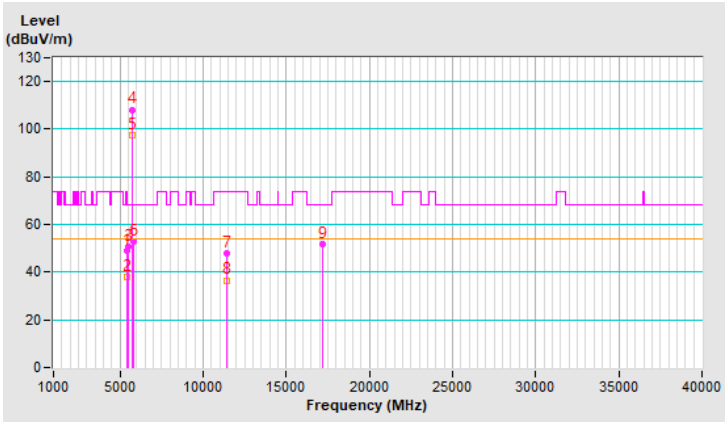


RF Mode	TX 802.11ax (HE20)	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	48.8 PK	74.0	-25.2	2.79 H	82	46.6	2.2
2	5460.00	38.1 AV	54.0	-15.9	2.79 H	82	35.9	2.2
3	#5470.00	50.8 PK	68.2	-17.4	2.79 H	82	48.6	2.2
4	*5720.00	108.2 PK			2.79 H	82	105.8	2.4
5	*5720.00	97.5 AV			2.79 H	82	95.1	2.4
6	#5850.00	52.9 PK	68.2	-15.3	2.79 H	82	50.0	2.9
7	11440.00	47.7 PK	74.0	-26.3	1.40 H	271	35.5	12.2
8	11440.00	36.6 AV	54.0	-17.4	1.40 H	271	24.4	12.2
9	#17160.00	52.0 PK	68.2	-16.2	1.14 H	294	35.5	16.5

Remarks:

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

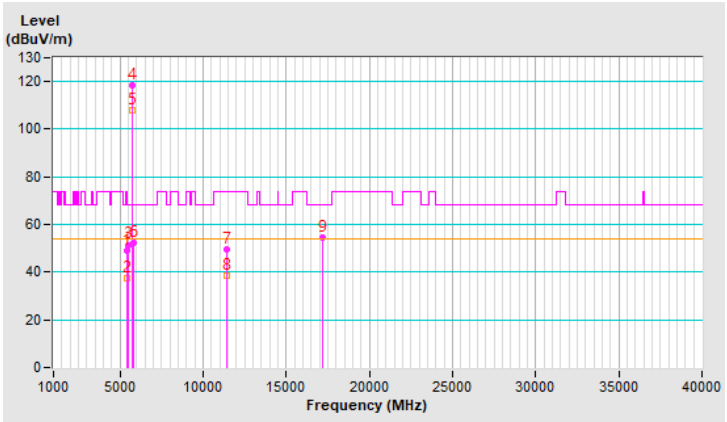


RF Mode	TX 802.11ax (HE20)	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	49.1 PK	74.0	-24.9	3.17 V	86	46.9	2.2
2	5460.00	37.2 AV	54.0	-16.8	3.17 V	86	35.0	2.2
3	#5470.00	51.5 PK	68.2	-16.7	3.17 V	86	49.3	2.2
4	*5720.00	118.2 PK			3.17 V	86	115.8	2.4
5	*5720.00	107.8 AV			3.17 V	86	105.4	2.4
6	#5850.00	52.3 PK	68.2	-15.9	3.17 V	86	49.4	2.9
7	11440.00	49.8 PK	74.0	-24.2	1.51 V	166	37.6	12.2
8	11440.00	38.3 AV	54.0	-15.7	1.51 V	166	26.1	12.2
9	#17160.00	54.7 PK	68.2	-13.5	1.21 V	285	38.2	16.5

Remarks:

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

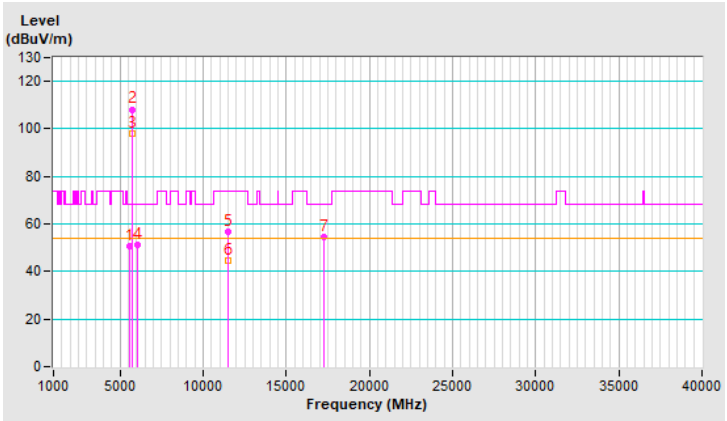


RF Mode	TX 802.11ax (HE20)	Channel	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5560.06	50.8 PK	68.2	-17.4	2.90 H	112	48.6	2.2
2	*5745.00	108.2 PK			2.90 H	112	105.7	2.5
3	*5745.00	97.9 AV			2.90 H	112	95.4	2.5
4	#6018.50	51.2 PK	68.2	-17.0	2.90 H	112	48.2	3.0
5	11490.00	56.7 PK	74.0	-17.3	1.11 H	281	44.3	12.4
6	11490.00	44.4 AV	54.0	-9.6	1.11 H	281	32.0	12.4
7	#17235.00	54.5 PK	68.2	-13.7	1.29 H	329	37.8	16.7

Remarks:

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

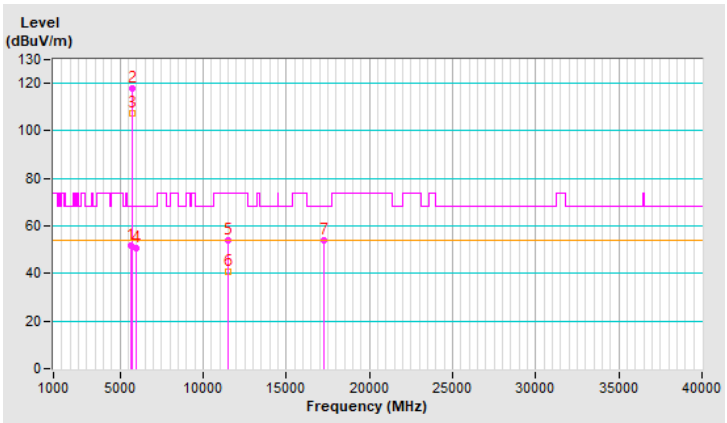


RF Mode	TX 802.11ax (HE20)	Channel	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5643.08	52.0 PK	68.2	-16.2	3.09 V	103	49.7	2.3
2	*5745.00	117.8 PK			3.09 V	103	115.3	2.5
3	*5745.00	107.6 AV			3.09 V	103	105.1	2.5
4	#5965.45	50.8 PK	68.2	-17.4	3.09 V	103	47.9	2.9
5	11490.00	53.8 PK	74.0	-20.2	1.52 V	336	41.4	12.4
6	11490.00	40.7 AV	54.0	-13.3	1.52 V	336	28.3	12.4
7	#17235.00	54.2 PK	68.2	-14.0	3.97 V	22	37.5	16.7

Remarks:

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

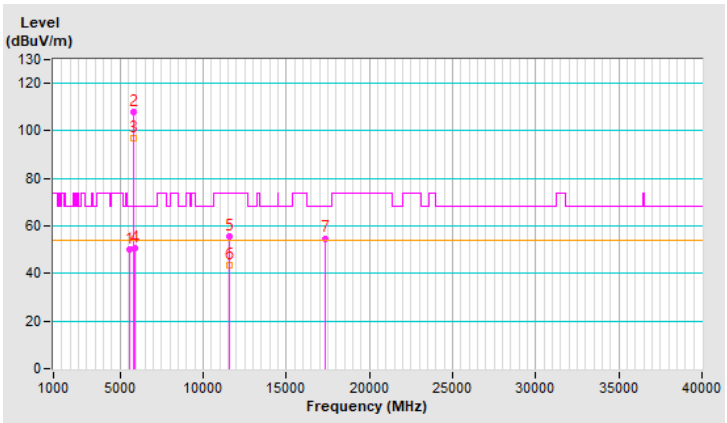


RF Mode	TX 802.11ax (HE20)	Channel	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5606.16	50.2 PK	68.2	-18.0	3.02 H	115	48.0	2.2
2	*5785.00	107.7 PK			3.02 H	115	105.0	2.7
3	*5785.00	97.0 AV			3.02 H	115	94.3	2.7
4	#5925.87	50.7 PK	68.2	-17.5	3.02 H	115	47.8	2.9
5	11570.00	55.4 PK	74.0	-18.6	1.17 H	293	43.0	12.4
6	11570.00	43.6 AV	54.0	-10.4	1.17 H	293	31.2	12.4
7	#17355.00	54.8 PK	68.2	-13.4	1.29 H	336	37.2	17.6

Remarks:

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

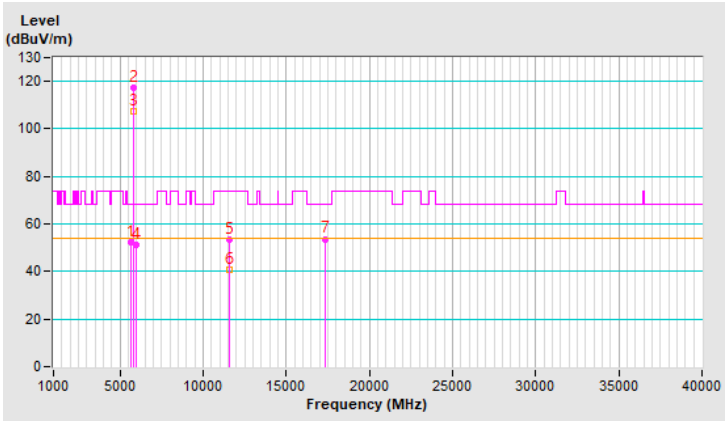


RF Mode	TX 802.11ax (HE20)	Channel	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5634.28	52.1 PK	68.2	-16.1	3.13 V	101	49.8	2.3
2	*5785.00	117.5 PK			3.13 V	101	114.8	2.7
3	*5785.00	107.5 AV			3.13 V	101	104.8	2.7
4	#5955.32	51.4 PK	68.2	-16.8	3.13 V	101	48.5	2.9
5	11570.00	53.5 PK	74.0	-20.5	1.54 V	329	41.1	12.4
6	11570.00	40.6 AV	54.0	-13.4	1.54 V	329	28.2	12.4
7	#17355.00	53.7 PK	68.2	-14.5	4.00 V	26	36.1	17.6

Remarks:

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

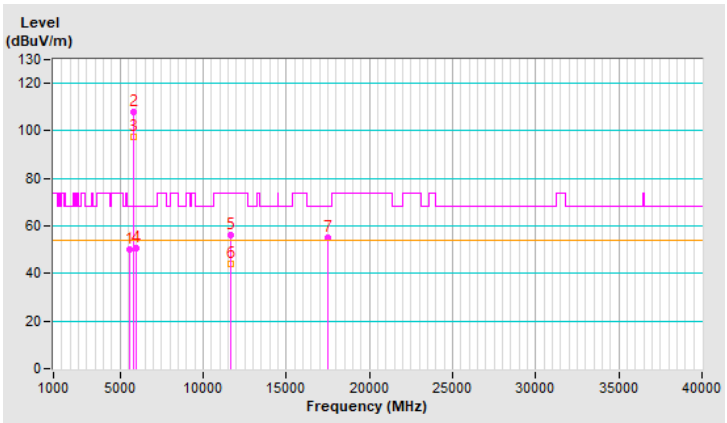


RF Mode	TX 802.11ax (HE20)	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5560.44	50.0 PK	68.2	-18.2	3.05 H	109	47.8	2.2
2	*5825.00	107.9 PK			3.05 H	109	105.1	2.8
3	*5825.00	97.4 AV			3.05 H	109	94.6	2.8
4	#5995.72	50.7 PK	68.2	-17.5	3.05 H	109	47.8	2.9
5	11650.00	56.2 PK	74.0	-17.8	1.18 H	289	44.3	11.9
6	11650.00	43.9 AV	54.0	-10.1	1.18 H	289	32.0	11.9
7	#17475.00	55.0 PK	68.2	-13.2	1.27 H	343	36.5	18.5

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.

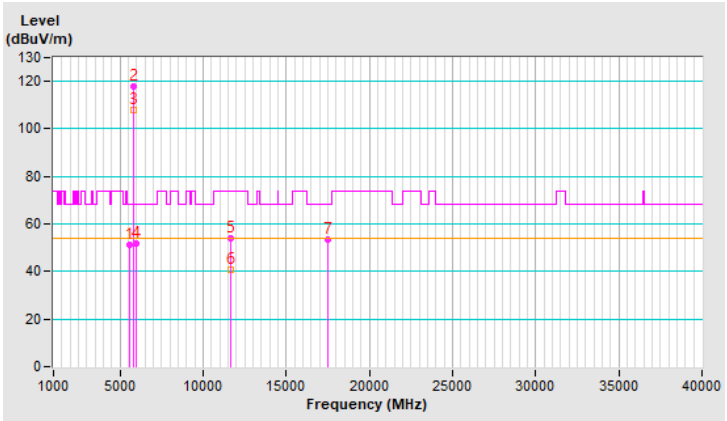


RF Mode	TX 802.11ax (HE20)	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5586.92	51.1 PK	68.2	-17.1	3.11 V	99	48.9	2.2
2	*5825.00	118.1 PK			3.11 V	99	115.3	2.8
3	*5825.00	107.8 AV			3.11 V	99	105.0	2.8
4	#5980.99	51.6 PK	68.2	-16.6	3.11 V	99	48.7	2.9
5	11650.00	53.8 PK	74.0	-20.2	1.53 V	337	41.9	11.9
6	11650.00	40.9 AV	54.0	-13.1	1.53 V	337	29.0	11.9
7	#17475.00	53.2 PK	68.2	-15.0	4.00 V	12	34.7	18.5

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.

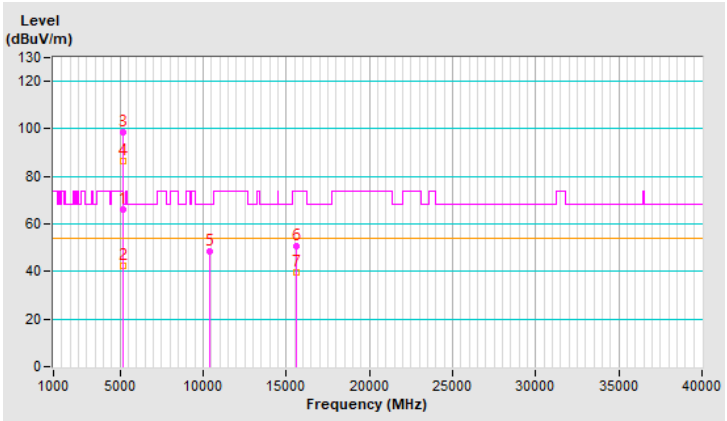


RF Mode	TX 802.11ax (HE40)	Channel	CH 38：5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	66.2 PK	74.0	-7.8	1.65 H	178	63.8	2.4
2	5150.00	42.5 AV	54.0	-11.5	1.65 H	178	40.1	2.4
3	*5190.00	98.7 PK			1.65 H	178	96.5	2.2
4	*5190.00	86.3 AV			1.65 H	178	84.1	2.2
5	#10380.00	48.3 PK	68.2	-19.9	1.52 H	299	36.5	11.8
6	15570.00	50.9 PK	74.0	-23.1	1.08 H	317	39.1	11.8
7	15570.00	39.4 AV	54.0	-14.6	1.08 H	317	27.6	11.8

Remarks:

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

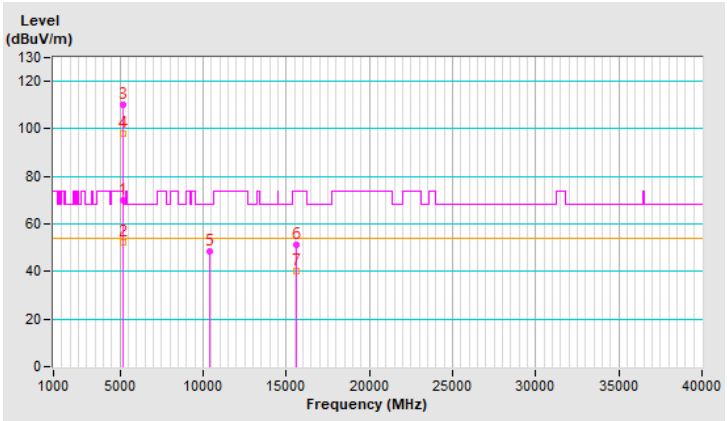


RF Mode	TX 802.11ax (HE40)	Channel	CH 38：5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	70.0 PK	74.0	-4.0	3.40 V	86	67.6	2.4
2	5150.00	52.2 AV	54.0	-1.8	3.40 V	86	49.8	2.4
3	*5190.00	110.2 PK			3.40 V	86	108.0	2.2
4	*5190.00	98.2 AV			3.40 V	86	96.0	2.2
5	#10380.00	48.5 PK	68.2	-19.7	1.56 V	179	36.7	11.8
6	15570.00	51.2 PK	74.0	-22.8	2.01 V	252	39.4	11.8
7	15570.00	40.4 AV	54.0	-13.6	2.01 V	252	28.6	11.8

Remarks:

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

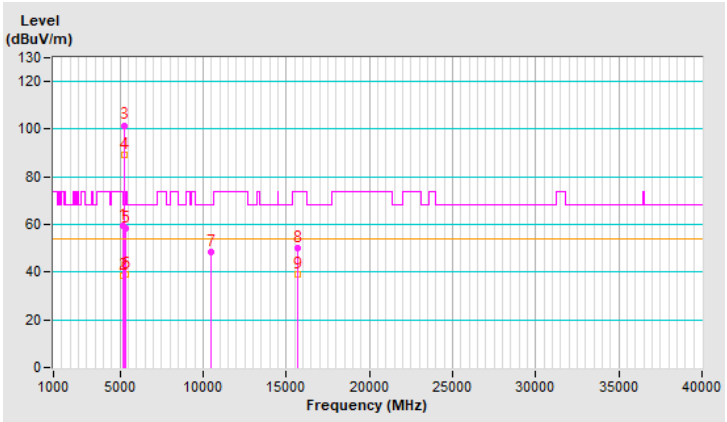


RF Mode	TX 802.11ax (HE40)	Channel	CH 46：5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.7 PK	74.0	-14.3	1.68 H	182	57.3	2.4
2	5150.00	38.6 AV	54.0	-15.4	1.68 H	182	36.2	2.4
3	*5230.00	101.6 PK			1.68 H	182	99.6	2.0
4	*5230.00	89.4 AV			1.68 H	182	87.4	2.0
5	5350.00	58.3 PK	74.0	-15.7	1.68 H	182	56.3	2.0
6	5350.00	38.9 AV	54.0	-15.1	1.68 H	182	36.9	2.0
7	#10460.00	48.5 PK	68.2	-19.7	1.46 H	311	36.5	12.0
8	15690.00	50.3 PK	74.0	-23.7	1.06 H	315	38.4	11.9
9	15690.00	39.0 AV	54.0	-15.0	1.06 H	315	27.1	11.9

Remarks:

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

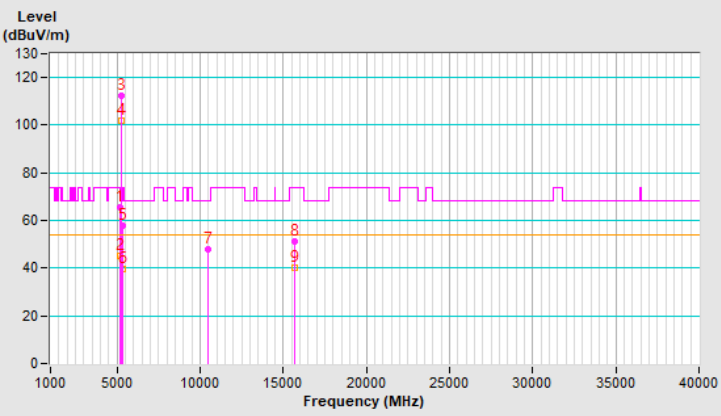


RF Mode	TX 802.11ax (HE40)	**Channel**	CH 46：5230 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5150.00	65.5 PK	74.0	-8.5	3.38 V	101	63.1	2.4
2	5150.00	45.3 AV	54.0	-8.7	3.38 V	101	42.9	2.4
3	*5230.00	112.5 PK			3.38 V	101	110.5	2.0
4	*5230.00	101.7 AV			3.38 V	101	99.7	2.0
5	5350.00	57.9 PK	74.0	-16.1	3.38 V	101	55.9	2.0
6	5350.00	39.5 AV	54.0	-14.5	3.38 V	101	37.5	2.0
7	#10460.00	47.9 PK	68.2	-20.3	1.54 V	178	35.9	12.0
8	15690.00	51.3 PK	74.0	-22.7	1.97 V	251	39.4	11.9
9	15690.00	40.3 AV	54.0	-13.7	1.97 V	251	28.4	11.9

Remarks:

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

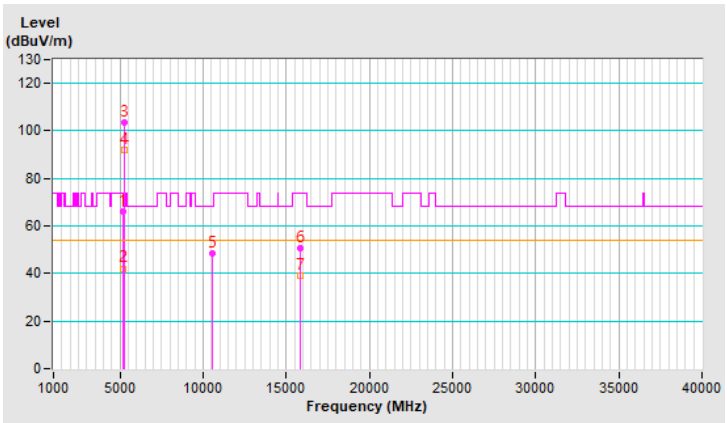


RF Mode	TX 802.11ax (HE40)	Channel	CH 54：5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.9 PK	74.0	-8.1	3.10 H	92	63.5	2.4
2	5150.00	42.1 AV	54.0	-11.9	3.10 H	92	39.7	2.4
3	*5270.00	103.4 PK			3.10 H	92	101.6	1.8
4	*5270.00	92.2 AV			3.10 H	92	90.4	1.8
5	#10540.00	48.6 PK	68.2	-19.6	1.45 H	318	36.7	11.9
6	15810.00	50.7 PK	74.0	-23.3	1.07 H	331	39.3	11.4
7	15810.00	39.2 AV	54.0	-14.8	1.07 H	331	27.8	11.4

Remarks:

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

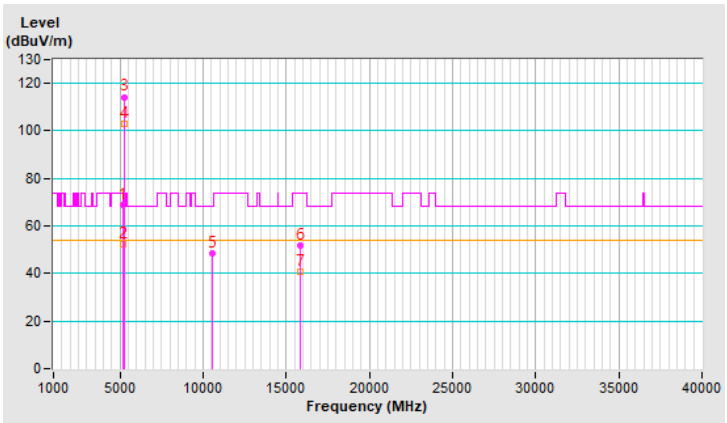


RF Mode	TX 802.11ax (HE40)	Channel	CH 54：5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	68.7 PK	74.0	-5.3	3.14 V	88	66.3	2.4
2	5150.00	52.3 AV	54.0	-1.7	3.14 V	88	49.9	2.4
3	*5270.00	114.3 PK			3.14 V	88	112.5	1.8
4	*5270.00	103.2 AV			3.14 V	88	101.4	1.8
5	#10540.00	48.4 PK	68.2	-19.8	1.62 V	176	36.5	11.9
6	15810.00	51.7 PK	74.0	-22.3	1.99 V	265	40.3	11.4
7	15810.00	40.8 AV	54.0	-13.2	1.99 V	265	29.4	11.4

Remarks:

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

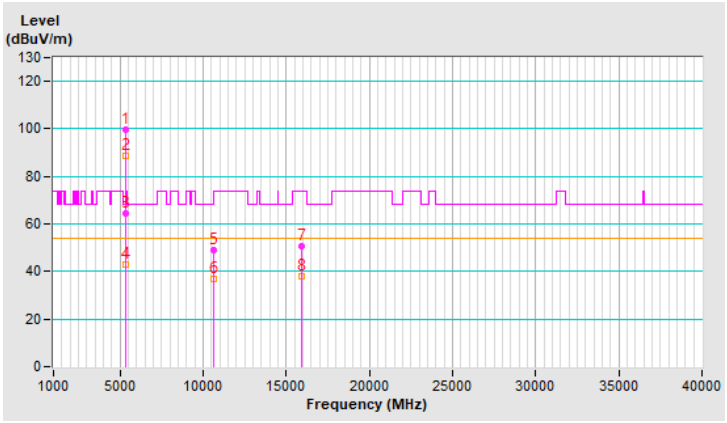


RF Mode	TX 802.11ax (HE40)	Channel	CH 62：5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	99.9 PK			3.09 H	100	98.2	1.7
2	*5310.00	88.7 AV			3.09 H	100	87.0	1.7
3	5350.00	64.6 PK	74.0	-9.4	3.09 H	100	62.6	2.0
4	5350.00	43.0 AV	54.0	-11.0	3.09 H	100	41.0	2.0
5	10620.00	48.9 PK	74.0	-25.1	1.38 H	273	37.3	11.6
6	10620.00	37.1 AV	54.0	-16.9	1.38 H	273	25.5	11.6
7	15930.00	50.5 PK	74.0	-23.5	1.21 H	308	39.2	11.3
8	15930.00	38.2 AV	54.0	-15.8	1.21 H	308	26.9	11.3

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.

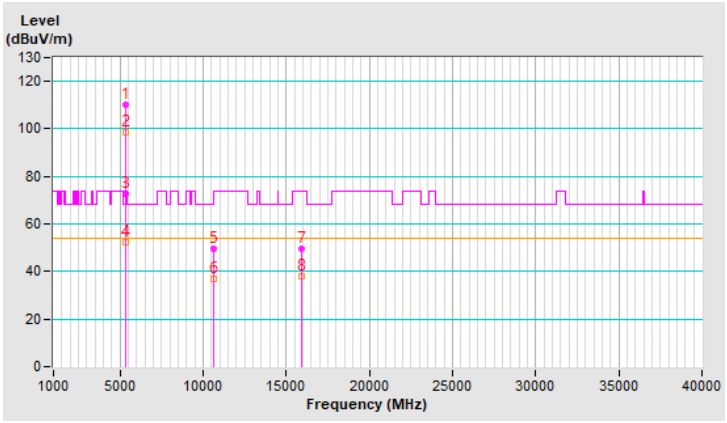


RF Mode	TX 802.11ax (HE40)	Channel	CH 62：5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	110.3 PK			3.34 V	92	108.6	1.7
2	*5310.00	98.5 AV			3.34 V	92	96.8	1.7
3	**5350.00**	**72.5 PK**	**74.0**	**-1.5**	**3.34 V**	**92**	**70.5**	**2.0**
4	5350.00	52.2 AV	54.0	-1.8	3.34 V	92	50.2	2.0
5	10620.00	49.4 PK	74.0	-24.6	1.53 V	174	37.8	11.6
6	10620.00	36.8 AV	54.0	-17.2	1.53 V	174	25.2	11.6
7	15930.00	49.7 PK	74.0	-24.3	1.19 V	295	38.4	11.3
8	15930.00	37.9 AV	54.0	-16.1	1.19 V	295	26.6	11.3

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.

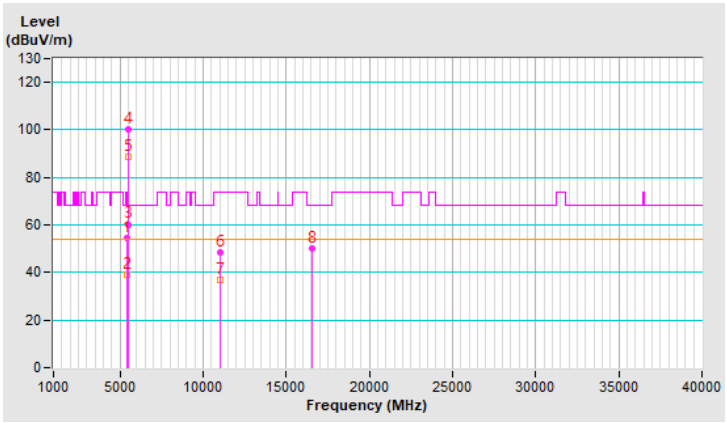


RF Mode	TX 802.11ax (HE40)	Channel	CH 102：5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	54.5 PK	74.0	-19.5	3.07 H	102	52.3	2.2
2	5460.00	39.2 AV	54.0	-14.8	3.07 H	102	37.0	2.2
3	#5467.50	60.3 PK	68.2	-7.9	3.07 H	102	58.1	2.2
4	*5510.00	100.3 PK			3.07 H	102	98.2	2.1
5	*5510.00	88.7 AV			3.07 H	102	86.6	2.1
6	11020.00	48.6 PK	74.0	-25.4	1.42 H	270	36.5	12.1
7	11020.00	36.7 AV	54.0	-17.3	1.42 H	270	24.6	12.1
8	#16530.00	50.3 PK	68.2	-17.9	1.27 H	306	36.6	13.7

Remarks:

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

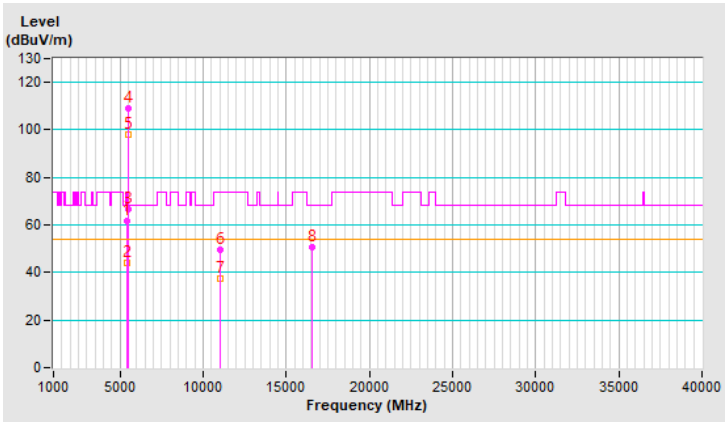


RF Mode	TX 802.11ax (HE40)	Channel	CH 102：5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.9 PK	74.0	-12.1	3.14 V	94	59.7	2.2
2	5460.00	44.0 AV	54.0	-10.0	3.14 V	94	41.8	2.2
3	#5467.00	66.5 PK	68.2	-1.7	3.14 V	94	64.3	2.2
4	*5510.00	109.2 PK			3.14 V	94	107.1	2.1
5	*5510.00	97.8 AV			3.14 V	94	95.7	2.1
6	11020.00	49.4 PK	74.0	-24.6	1.43 V	178	37.3	12.1
7	11020.00	37.3 AV	54.0	-16.7	1.43 V	178	25.2	12.1
8	#16530.00	50.5 PK	68.2	-17.7	1.15 V	293	36.8	13.7

Remarks:

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

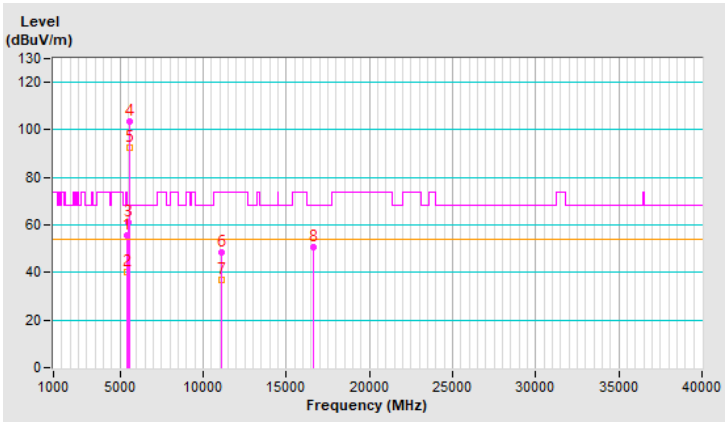


RF Mode	TX 802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.7 PK	74.0	-18.3	3.03 H	101	53.5	2.2
2	5460.00	40.3 AV	54.0	-13.7	3.03 H	101	38.1	2.2
3	#5470.00	61.1 PK	68.2	-7.1	3.03 H	101	58.9	2.2
4	*5550.00	103.5 PK			3.03 H	101	101.3	2.2
5	*5550.00	92.5 AV			3.03 H	101	90.3	2.2
6	11100.00	48.7 PK	74.0	-25.3	1.37 H	275	36.8	11.9
7	11100.00	36.9 AV	54.0	-17.1	1.37 H	275	25.0	11.9
8	#16650.00	50.8 PK	68.2	-17.4	1.26 H	303	36.1	14.7

Remarks:

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

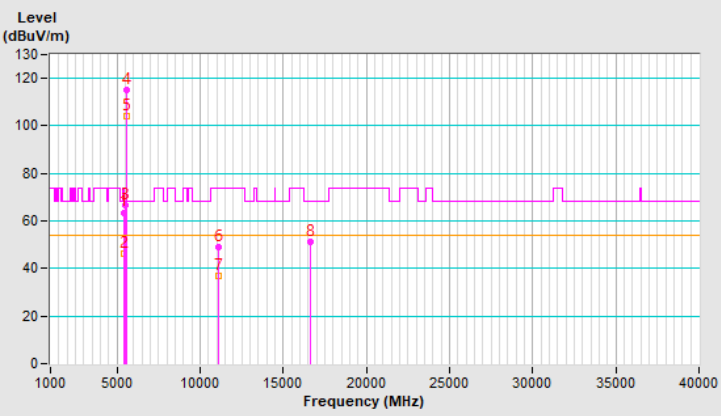


RF Mode	TX 802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	63.6 PK	74.0	-10.4	3.12 V	106	61.4	2.2
2	5460.00	46.5 AV	54.0	-7.5	3.12 V	106	44.3	2.2
3	**#5470.00**	**66.7 PK**	**68.2**	**-1.5**	**3.12 V**	**106**	**64.5**	**2.2**
4	*5550.00	115.3 PK			3.12 V	106	113.1	2.2
5	*5550.00	103.9 AV			3.12 V	106	101.7	2.2
6	11100.00	49.1 PK	74.0	-24.9	1.49 V	167	37.2	11.9
7	11100.00	37.0 AV	54.0	-17.0	1.49 V	167	25.1	11.9
8	#16650.00	51.4 PK	68.2	-16.8	1.18 V	297	36.7	14.7

Remarks:

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

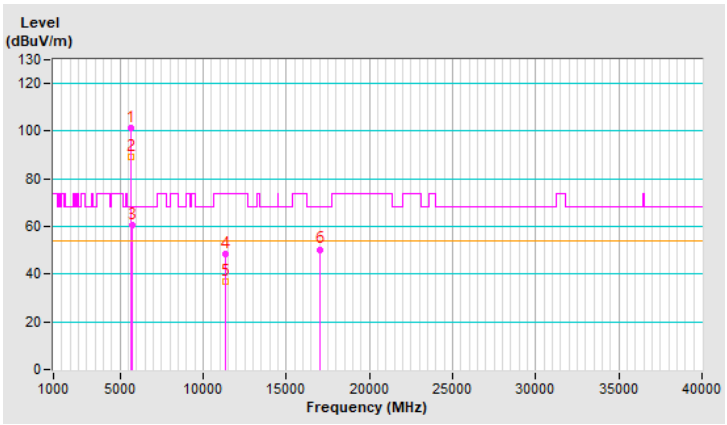


RF Mode	TX 802.11ax (HE40)	Channel	CH 134：5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	101.4 PK			3.04 H	107	99.2	2.2
2	*5670.00	89.3 AV			3.04 H	107	87.1	2.2
3	#5725.00	60.7 PK	68.2	-7.5	3.04 H	107	58.2	2.5
4	11340.00	48.7 PK	74.0	-25.3	1.37 H	274	36.6	12.1
5	11340.00	36.7 AV	54.0	-17.3	1.37 H	274	24.6	12.1
6	#17010.00	50.4 PK	68.2	-17.8	1.23 H	311	33.9	16.5

Remarks:

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

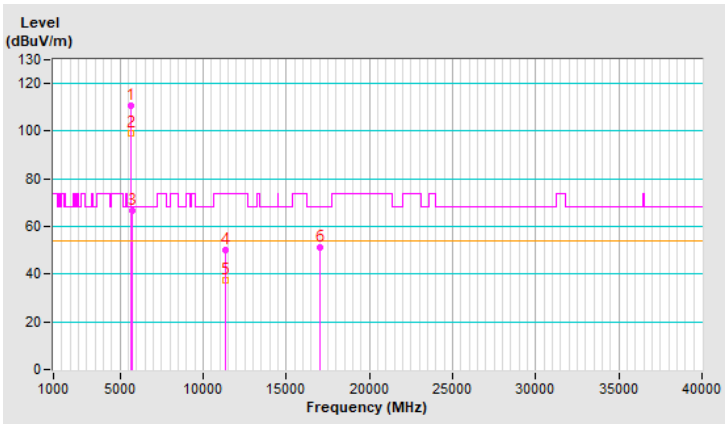


RF Mode	TX 802.11ax (HE40)	Channel	CH 134：5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	110.8 PK			3.07 V	104	108.6	2.2
2	*5670.00	99.1 AV			3.07 V	104	96.9	2.2
3	#5725.00	66.6 PK	68.2	-1.6	3.07 V	104	64.1	2.5
4	11340.00	49.9 PK	74.0	-24.1	1.56 V	177	37.8	12.1
5	11340.00	37.3 AV	54.0	-16.7	1.56 V	177	25.2	12.1
6	#17010.00	51.3 PK	68.2	-16.9	1.22 V	293	34.8	16.5

Remarks:

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

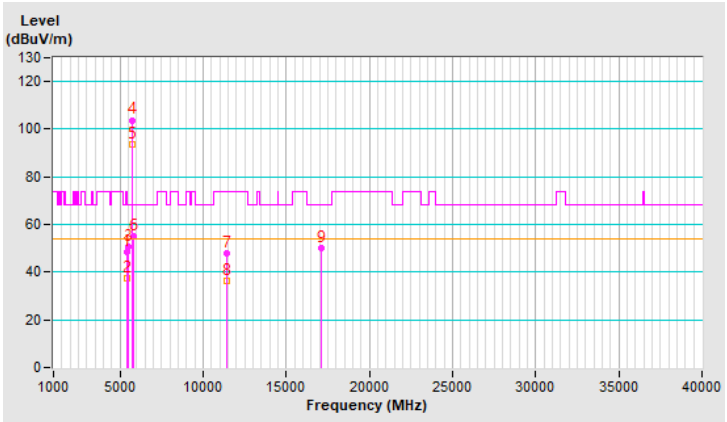


RF Mode	TX 802.11ax (HE40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	48.6 PK	74.0	-25.4	2.97 H	102	46.4	2.2
2	5460.00	37.6 AV	54.0	-16.4	2.97 H	102	35.4	2.2
3	#5470.00	50.5 PK	68.2	-17.7	2.97 H	102	48.3	2.2
4	*5710.00	103.8 PK			2.97 H	102	101.4	2.4
5	*5710.00	93.4 AV			2.97 H	102	91.0	2.4
6	#5850.00	55.3 PK	68.2	-12.9	2.97 H	102	52.4	2.9
7	11420.00	48.0 PK	74.0	-26.0	1.44 H	267	35.7	12.3
8	11420.00	36.2 AV	54.0	-17.8	1.44 H	267	23.9	12.3
9	#17130.00	50.1 PK	68.2	-18.1	1.28 H	296	33.5	16.6

Remarks:

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

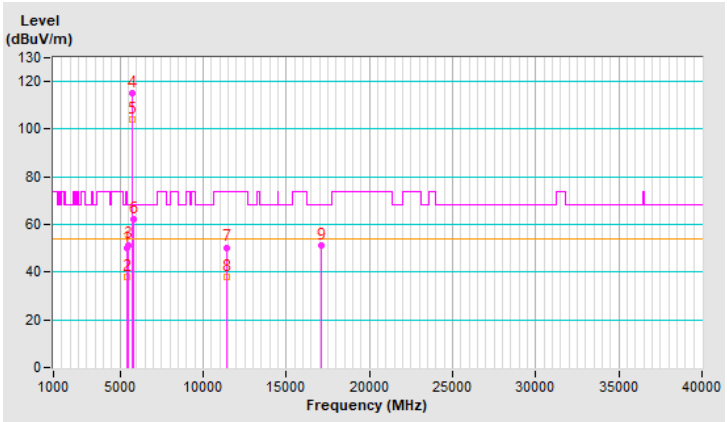


RF Mode	TX 802.11ax (HE40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	50.3 PK	74.0	-23.7	3.00 V	96	48.1	2.2
2	5460.00	38.1 AV	54.0	-15.9	3.00 V	96	35.9	2.2
3	#5470.00	51.5 PK	68.2	-16.7	3.00 V	96	49.3	2.2
4	*5710.00	115.1 PK			3.00 V	96	112.7	2.4
5	*5710.00	103.9 AV			3.00 V	96	101.5	2.4
6	#5850.00	62.2 PK	68.2	-6.0	3.00 V	96	59.3	2.9
7	11420.00	50.4 PK	74.0	-23.6	1.52 V	172	38.1	12.3
8	11420.00	37.9 AV	54.0	-16.1	1.52 V	172	25.6	12.3
9	#17130.00	51.2 PK	68.2	-17.0	1.14 V	301	34.6	16.6

Remarks:

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

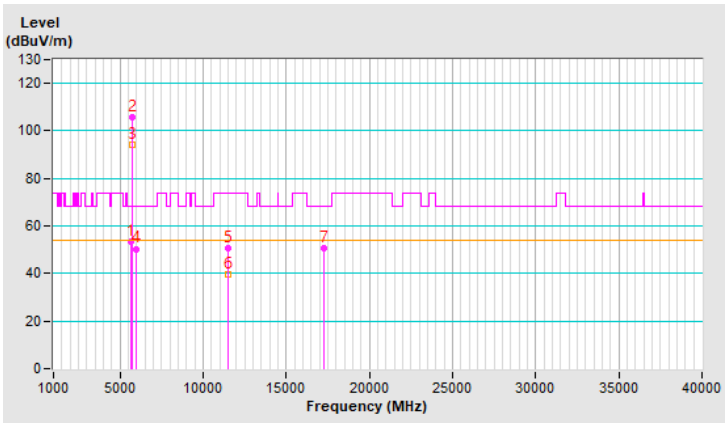


RF Mode	TX 802.11ax (HE40)	Channel	CH 151：5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5643.40	53.2 PK	68.2	-15.0	2.88 H	114	50.9	2.3
2	*5755.00	105.6 PK			2.88 H	114	103.0	2.6
3	*5755.00	94.1 AV			2.88 H	114	91.5	2.6
4	#6010.44	50.4 PK	68.2	-17.8	2.88 H	114	47.5	2.9
5	11510.00	50.9 PK	74.0	-23.1	1.26 H	292	38.5	12.4
6	11510.00	39.6 AV	54.0	-14.4	1.26 H	292	27.2	12.4
7	#17265.00	50.8 PK	68.2	-17.4	1.28 H	356	34.0	16.8

Remarks:

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

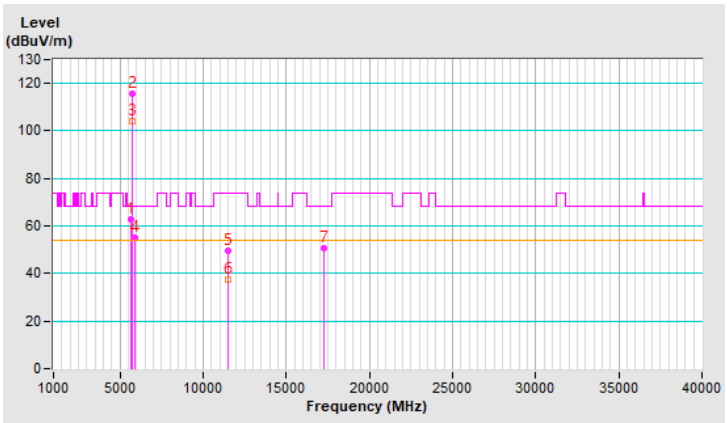


RF Mode	TX 802.11ax (HE40)	Channel	CH 151：5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.43	62.9 PK	68.2	-5.3	2.89 V	81	60.6	2.3
2	*5755.00	115.6 PK			2.89 V	81	113.0	2.6
3	*5755.00	104.1 AV			2.89 V	81	101.5	2.6
4	#5927.40	55.2 PK	68.2	-13.0	2.89 V	81	52.3	2.9
5	11510.00	49.5 PK	74.0	-24.5	1.54 V	316	37.1	12.4
6	11510.00	37.3 AV	54.0	-16.7	1.54 V	316	24.9	12.4
7	#17265.00	50.5 PK	68.2	-17.7	4.00 V	4	33.7	16.8

Remarks:

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

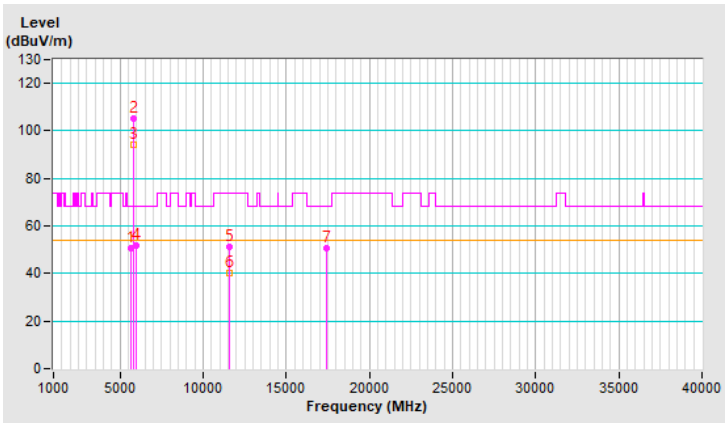


RF Mode	TX 802.11ax (HE40)	Channel	CH 159：5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5624.87	50.7 PK	68.2	-17.5	2.92 H	105	48.5	2.2
2	*5795.00	105.4 PK			2.92 H	105	102.7	2.7
3	*5795.00	94.0 AV			2.92 H	105	91.3	2.7
4	#5982.38	51.6 PK	68.2	-16.6	2.92 H	105	48.7	2.9
5	11590.00	51.2 PK	74.0	-22.8	1.22 H	300	38.9	12.3
6	11590.00	40.1 AV	54.0	-13.9	1.22 H	300	27.8	12.3
7	#17385.00	50.9 PK	68.2	-17.3	1.28 H	347	33.1	17.8

Remarks:

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

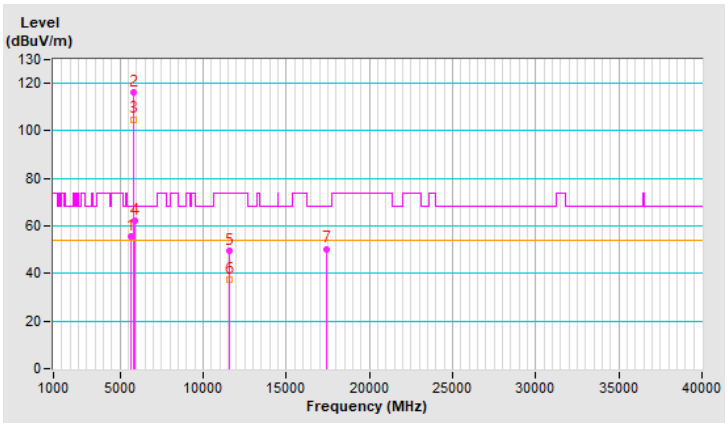


RF Mode	TX 802.11ax (HE40)	Channel	CH 159：5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5629.17	55.5 PK	68.2	-12.7	2.93 V	86	53.2	2.3
2	*5795.00	116.3 PK			2.93 V	86	113.6	2.7
3	*5795.00	104.9 AV			2.93 V	86	102.2	2.7
4	#5931.76	62.3 PK	68.2	-5.9	2.93 V	86	59.4	2.9
5	11590.00	49.7 PK	74.0	-24.3	1.59 V	327	37.4	12.3
6	11590.00	37.4 AV	54.0	-16.6	1.59 V	327	25.1	12.3
7	#17385.00	50.4 PK	68.2	-17.8	4.00 V	0	32.6	17.8

Remarks:

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

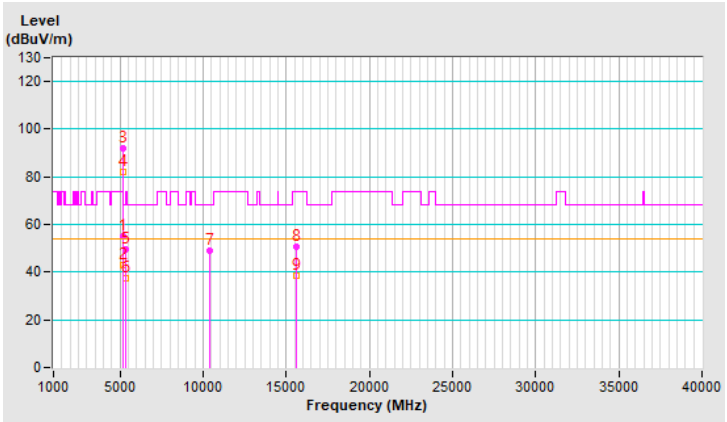


RF Mode	TX 802.11ax (HE80)	Channel	CH 42：5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.9 PK	74.0	-19.1	1.73 H	179	52.5	2.4
2	5150.00	42.7 AV	54.0	-11.3	1.73 H	179	40.3	2.4
3	*5210.00	92.2 PK			1.73 H	179	90.2	2.0
4	*5210.00	82.2 AV			1.73 H	179	80.2	2.0
5	5350.00	49.4 PK	74.0	-24.6	1.73 H	179	47.4	2.0
6	5350.00	37.5 AV	54.0	-16.5	1.73 H	179	35.5	2.0
7	#10420.00	48.8 PK	68.2	-19.4	1.44 H	273	36.8	12.0
8	15630.00	50.5 PK	74.0	-23.5	1.32 H	320	38.8	11.7
9	15630.00	38.6 AV	54.0	-15.4	1.32 H	320	26.9	11.7

Remarks:

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

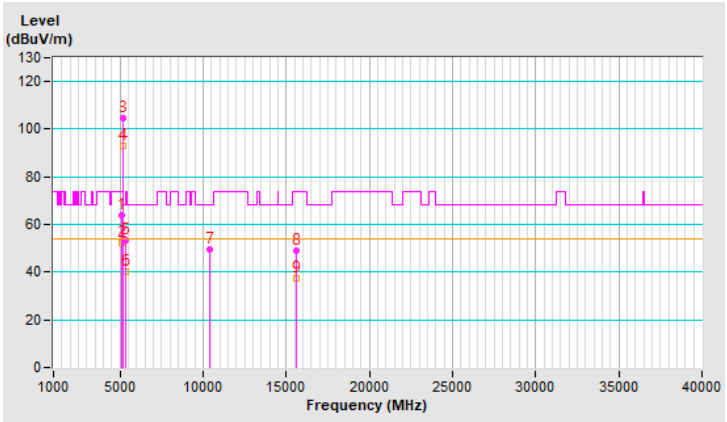


RF Mode	TX 802.11ax (HE80)	Channel	CH 42：5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5137.90	63.9 PK	74.0	-10.1	3.31 V	90	61.5	2.4
2	**5137.90**	**52.5 AV**	**54.0**	**-1.5**	**3.31 V**	**90**	**50.1**	**2.4**
3	*5210.00	104.5 PK			3.31 V	90	102.5	2.0
4	*5210.00	93.2 AV			3.31 V	90	91.2	2.0
5	5350.00	53.6 PK	74.0	-20.4	3.31 V	90	51.6	2.0
6	5350.00	40.0 AV	54.0	-14.0	3.31 V	90	38.0	2.0
7	#10420.00	49.7 PK	68.2	-18.5	1.47 V	175	37.7	12.0
8	15630.00	49.0 PK	74.0	-25.0	1.20 V	309	37.3	11.7
9	15630.00	37.4 AV	54.0	-16.6	1.20 V	309	25.7	11.7

Remarks:

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

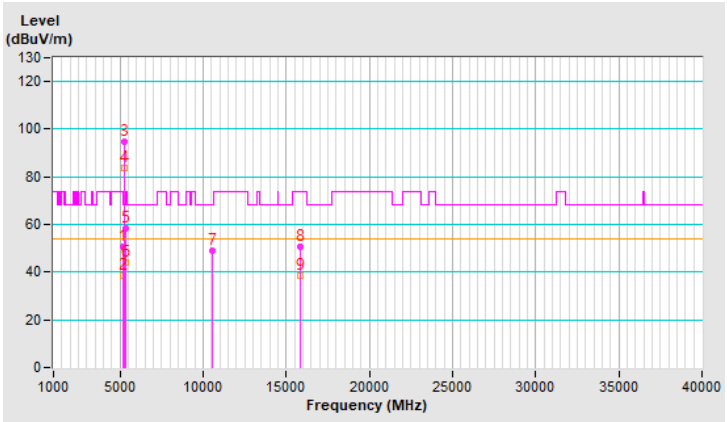


RF Mode	TX 802.11ax (HE80)	Channel	CH 58：5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.8 PK	74.0	-23.2	3.19 H	98	48.4	2.4
2	5150.00	38.5 AV	54.0	-15.5	3.19 H	98	36.1	2.4
3	*5290.00	94.9 PK			3.19 H	98	93.2	1.7
4	*5290.00	83.7 AV			3.19 H	98	82.0	1.7
5	5354.00	58.6 PK	74.0	-15.4	3.19 H	98	56.7	1.9
6	5354.00	43.8 AV	54.0	-10.2	3.19 H	98	41.9	1.9
7	#10580.00	48.8 PK	68.2	-19.4	1.39 H	283	37.1	11.7
8	15870.00	50.5 PK	74.0	-23.5	1.30 H	320	39.4	11.1
9	15870.00	38.3 AV	54.0	-15.7	1.30 H	320	27.2	11.1

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.

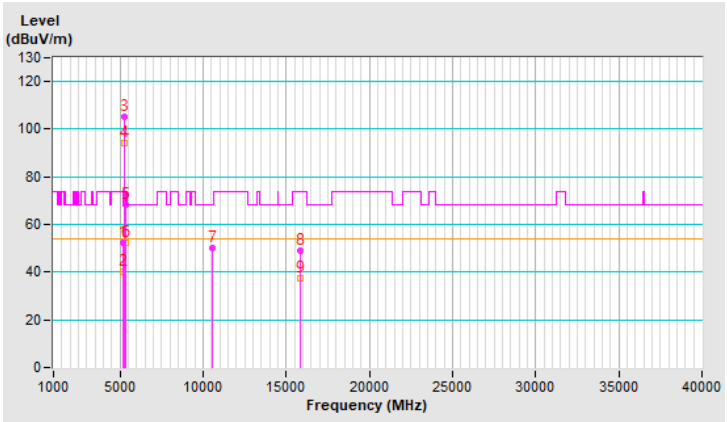


RF Mode	TX 802.11ax (HE80)	Channel	CH 58：5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	52.4 PK	74.0	-21.6	3.18 V	80	50.0	2.4
2	5150.00	40.2 AV	54.0	-13.8	3.18 V	80	37.8	2.4
3	*5290.00	105.4 PK			3.18 V	80	103.7	1.7
4	*5290.00	94.3 AV			3.18 V	80	92.6	1.7
5	5355.00	68.2 PK	74.0	-5.8	3.18 V	80	66.3	1.9
6	5355.00	52.2 AV	54.0	-1.8	3.18 V	80	50.3	1.9
7	#10580.00	50.0 PK	68.2	-18.2	1.51 V	190	38.3	11.7
8	15870.00	49.1 PK	74.0	-24.9	1.25 V	297	38.0	11.1
9	15870.00	37.6 AV	54.0	-16.4	1.25 V	297	26.5	11.1

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.

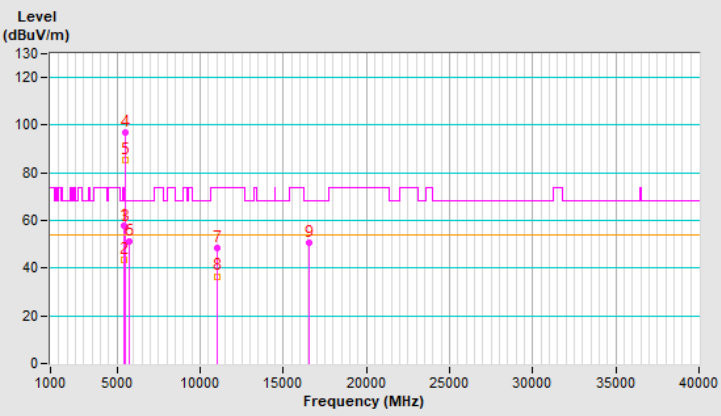


RF Mode	TX 802.11ax (HE80)	Channel	CH 106：5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5457.90	57.9 PK	74.0	-16.1	3.15 H	108	55.7	2.2
2	5457.90	43.7 AV	54.0	-10.3	3.15 H	108	41.5	2.2
3	#5467.00	57.5 PK	68.2	-10.7	3.15 H	108	55.3	2.2
4	*5530.00	96.9 PK			3.15 H	108	94.8	2.1
5	*5530.00	85.4 AV			3.15 H	108	83.3	2.1
6	#5725.00	51.2 PK	68.2	-17.0	3.15 H	108	48.7	2.5
7	11060.00	48.4 PK	74.0	-25.6	1.45 H	266	36.4	12.0
8	11060.00	36.6 AV	54.0	-17.4	1.45 H	266	24.6	12.0
9	#16590.00	50.8 PK	68.2	-17.4	1.28 H	298	36.5	14.3

Remarks:

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

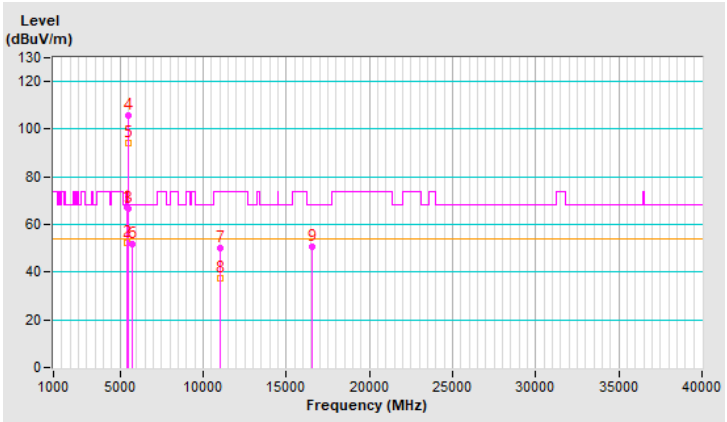


RF Mode	TX 802.11ax (HE80)	**Channel**	CH 106：5530 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5449.85	67.0 PK	74.0	-7.0	3.10 V	79	64.8	2.2
2	5449.85	52.1 AV	54.0	-1.9	3.10 V	79	49.9	2.2
3	#5465.70	66.6 PK	68.2	-1.6	3.10 V	79	64.4	2.2
4	*5530.00	105.8 PK			3.10 V	79	103.7	2.1
5	*5530.00	94.4 AV			3.10 V	79	92.3	2.1
6	#5725.00	52.0 PK	68.2	-16.2	3.10 V	79	49.5	2.5
7	11060.00	50.0 PK	74.0	-24.0	1.59 V	162	38.0	12.0
8	11060.00	37.4 AV	54.0	-16.6	1.59 V	162	25.4	12.0
9	#16590.00	50.9 PK	68.2	-17.3	1.21 V	279	36.6	14.3

Remarks:

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

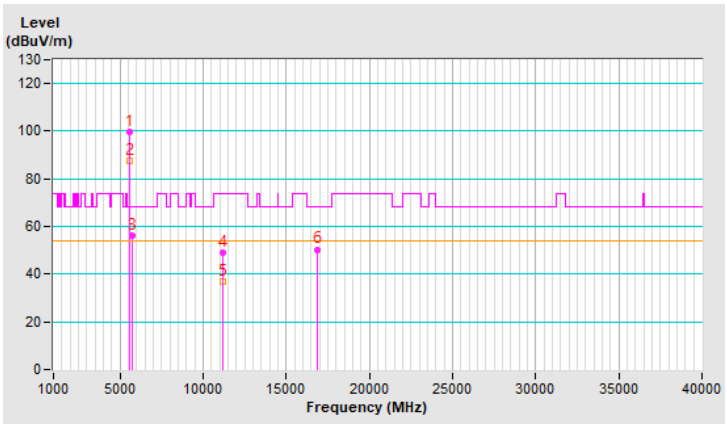


RF Mode	TX 802.11ax (HE80)	Channel	CH 122：5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	99.8 PK			3.10 H	106	97.6	2.2
2	*5610.00	87.5 AV			3.10 H	106	85.3	2.2
3	#5725.00	56.4 PK	68.2	-11.8	3.10 H	106	53.9	2.5
4	11220.00	48.8 PK	74.0	-25.2	1.46 H	279	36.7	12.1
5	11220.00	36.8 AV	54.0	-17.2	1.46 H	279	24.7	12.1
6	#16830.00	50.4 PK	68.2	-17.8	1.25 H	315	34.7	15.7

Remarks:

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

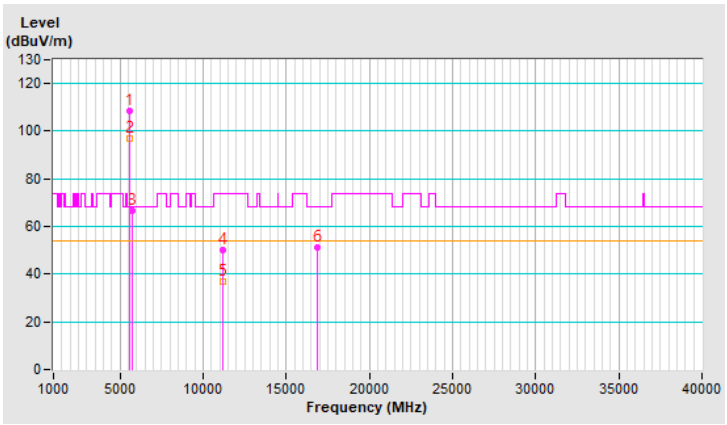


RF Mode	TX 802.11ax (HE80)	Channel	CH 122：5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	108.5 PK			3.17 V	92	106.3	2.2
2	*5610.00	96.8 AV			3.17 V	92	94.6	2.2
3	#5725.00	66.6 PK	68.2	-1.6	3.17 V	92	64.1	2.5
4	11220.00	49.9 PK	74.0	-24.1	1.53 V	180	37.8	12.1
5	11220.00	37.1 AV	54.0	-16.9	1.53 V	180	25.0	12.1
6	#16830.00	51.4 PK	68.2	-16.8	1.24 V	300	35.7	15.7

Remarks:

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

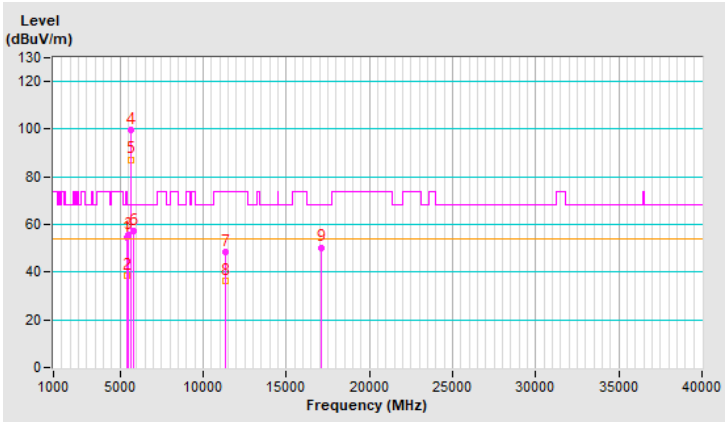


RF Mode	TX 802.11ax (HE80)	Channel	CH 138：5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	54.6 PK	74.0	-19.4	2.93 H	85	52.4	2.2
2	5460.00	38.4 AV	54.0	-15.6	2.93 H	85	36.2	2.2
3	#5470.00	55.4 PK	68.2	-12.8	2.93 H	85	53.2	2.2
4	*5690.00	99.7 PK			2.93 H	85	97.4	2.3
5	*5690.00	87.3 AV			2.93 H	85	85.0	2.3
6	#5850.00	57.1 PK	68.2	-11.1	2.93 H	85	54.2	2.9
7	11380.00	48.2 PK	74.0	-25.8	1.38 H	259	36.0	12.2
8	11380.00	36.2 AV	54.0	-17.8	1.38 H	259	24.0	12.2
9	#17070.00	50.4 PK	68.2	-17.8	1.23 H	314	33.8	16.6

Remarks:

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

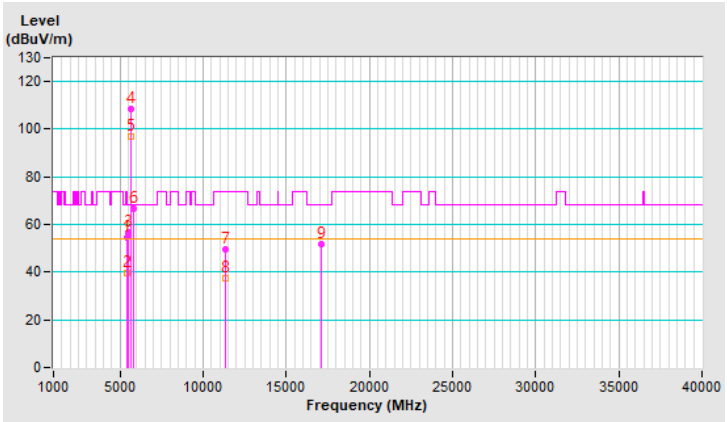


RF Mode	TX 802.11ax (HE80)	Channel	CH 138：5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	54.7 PK	74.0	-19.3	3.06 V	95	52.5	2.2
2	5460.00	39.7 AV	54.0	-14.3	3.06 V	95	37.5	2.2
3	#5470.00	56.7 PK	68.2	-11.5	3.06 V	95	54.5	2.2
4	*5690.00	108.7 PK			3.06 V	95	106.4	2.3
5	*5690.00	97.0 AV			3.06 V	95	94.7	2.3
6	**#5850.00**	**66.7 PK**	**68.2**	**-1.5**	**3.06 V**	**95**	**63.8**	**2.9**
7	11380.00	49.7 PK	74.0	-24.3	1.53 V	169	37.5	12.2
8	11380.00	37.2 AV	54.0	-16.8	1.53 V	169	25.0	12.2
9	#17070.00	51.8 PK	68.2	-16.4	1.26 V	286	35.2	16.6

Remarks:

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

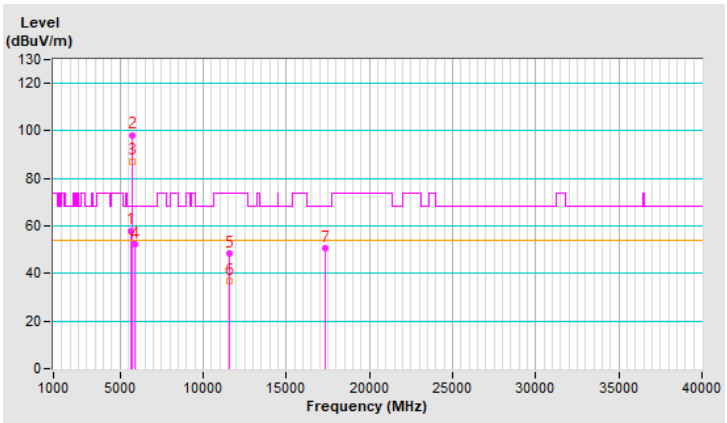


RF Mode	TX 802.11ax (HE80)	Channel	CH 155：5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5649.26	58.1 PK	68.2	-10.1	2.90 H	100	55.8	2.3
2	*5775.00	98.3 PK			2.90 H	100	95.7	2.6
3	*5775.00	87.3 AV			2.90 H	100	84.7	2.6
4	#5929.70	52.3 PK	68.2	-15.9	2.90 H	100	49.4	2.9
5	11550.00	48.3 PK	74.0	-25.7	1.24 H	279	36.0	12.3
6	11550.00	37.1 AV	54.0	-16.9	1.24 H	279	24.8	12.3
7	#17325.00	50.6 PK	68.2	-17.6	1.32 H	353	33.4	17.2

Remarks:

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

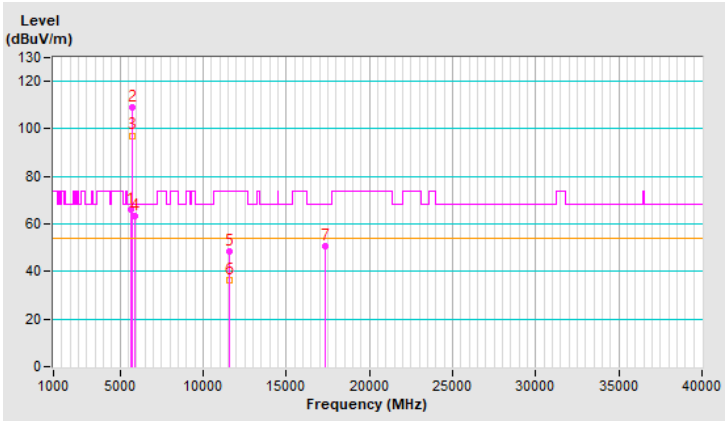


RF Mode	TX 802.11ax (HE80)	Channel	CH 155：5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 67% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5642.72	66.2 PK	68.2	-2.0	3.00 V	100	63.9	2.3
2	*5775.00	108.9 PK			3.00 V	100	106.3	2.6
3	*5775.00	97.2 AV			3.00 V	100	94.6	2.6
4	#5924.98	63.5 PK	68.2	-4.7	3.00 V	100	60.6	2.9
5	11550.00	48.5 PK	74.0	-25.5	1.60 V	313	36.2	12.3
6	11550.00	36.4 AV	54.0	-17.6	1.60 V	313	24.1	12.3
7	#17325.00	50.6 PK	68.2	-17.6	4.00 V	18	33.4	17.2

Remarks:

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

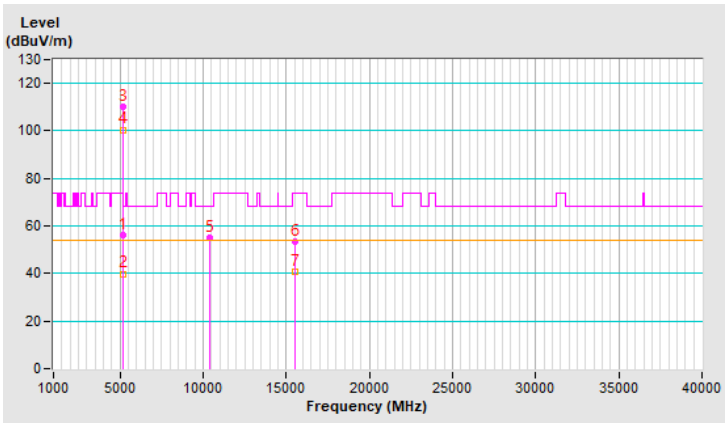


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5146.51	56.1 PK	74.0	-17.9	1.53 H	167	53.7	2.4
2	5146.51	39.9 AV	54.0	-14.1	1.53 H	167	37.5	2.4
3	*5180.00	110.4 PK			1.53 H	167	108.2	2.2
4	*5180.00	100.5 AV			1.53 H	167	98.3	2.2
5	#10360.00	55.3 PK	68.2	-12.9	1.60 H	249	43.6	11.7
6	15540.00	53.4 PK	74.0	-20.6	1.36 H	296	41.6	11.8
7	15540.00	40.5 AV	54.0	-13.5	1.36 H	296	28.7	11.8

Remarks:

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

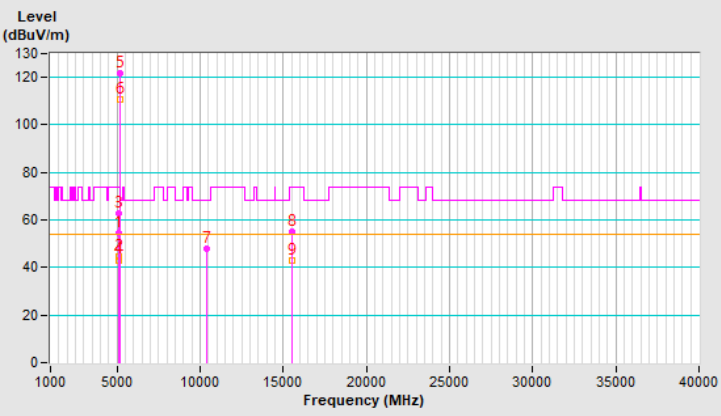


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5131.60	54.5 PK	74.0	-19.5	1.31 V	275	52.1	2.4
2	5131.60	44.8 AV	54.0	-9.2	1.31 V	275	42.4	2.4
3	5139.00	62.7 PK	74.0	-11.3	1.31 V	275	60.3	2.4
4	5139.00	43.2 AV	54.0	-10.8	1.31 V	275	40.8	2.4
5	*5180.00	121.6 PK			1.31 V	275	119.4	2.2
6	*5180.00	110.8 AV			1.31 V	275	108.6	2.2
7	#10360.00	47.8 PK	68.2	-20.4	1.72 V	290	36.1	11.7
8	15540.00	55.2 PK	74.0	-18.8	2.32 V	265	43.4	11.8
9	15540.00	42.7 AV	54.0	-11.3	2.32 V	265	30.9	11.8

Remarks:

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

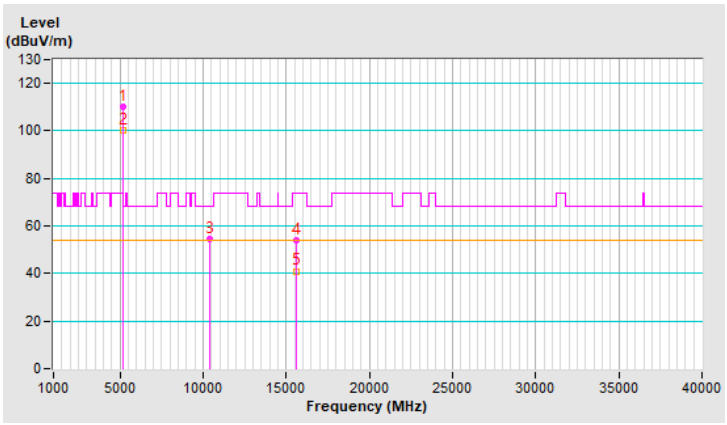


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	Channel	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	110.1 PK			1.53 H	173	108.0	2.1
2	*5200.00	100.3 AV			1.53 H	173	98.2	2.1
3	#10400.00	54.6 PK	68.2	-13.6	1.62 H	240	42.7	11.9
4	15600.00	53.8 PK	74.0	-20.2	1.38 H	299	42.3	11.5
5	15600.00	41.0 AV	54.0	-13.0	1.38 H	299	29.5	11.5

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.

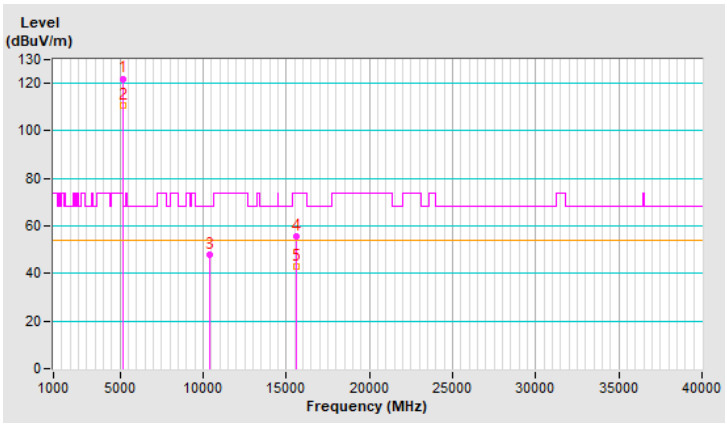


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5200.00	122.0 PK			1.30 V	283	119.9	2.1
2	*5200.00	110.9 AV			1.30 V	283	108.8	2.1
3	#10400.00	48.1 PK	68.2	-20.1	1.77 V	292	36.2	11.9
4	15600.00	55.6 PK	74.0	-18.4	2.35 V	262	44.1	11.5
5	15600.00	43.0 AV	54.0	-11.0	2.35 V	262	31.5	11.5

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.

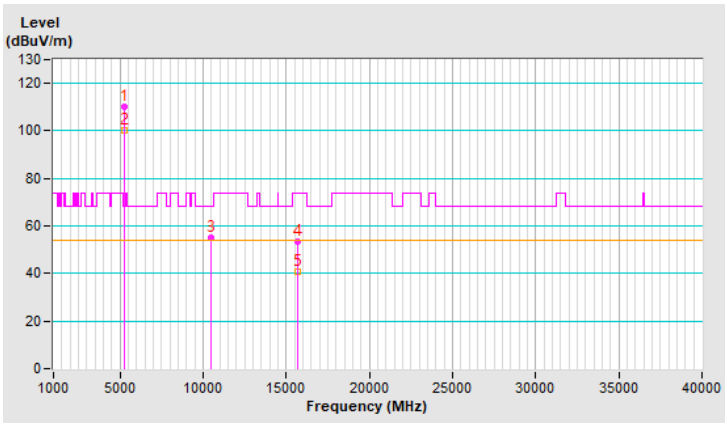


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5240.00	109.9 PK			1.47 H	181	108.0	1.9
2	*5240.00	100.0 AV			1.47 H	181	98.1	1.9
3	#10480.00	55.2 PK	68.2	-13.0	1.60 H	255	43.3	11.9
4	15720.00	53.6 PK	74.0	-20.4	1.31 H	305	41.9	11.7
5	15720.00	40.7 AV	54.0	-13.3	1.31 H	305	29.0	11.7

Remarks:

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

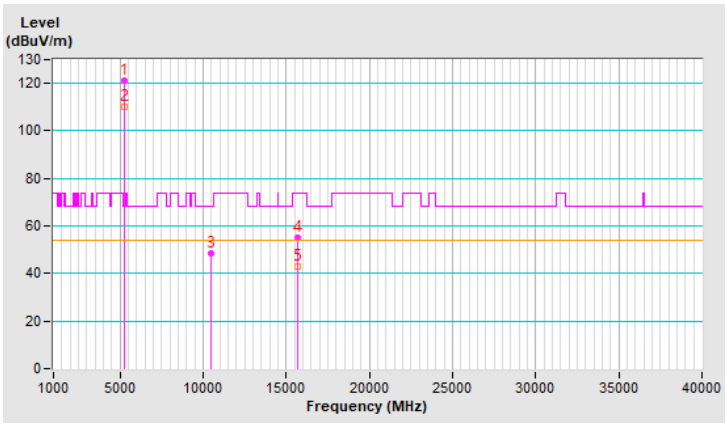


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5240.00	121.3 PK			1.36 V	285	119.4	1.9
2	*5240.00	110.4 AV			1.36 V	285	108.5	1.9
3	#10480.00	48.2 PK	68.2	-20.0	1.76 V	294	36.3	11.9
4	15720.00	55.2 PK	74.0	-18.8	2.27 V	251	43.5	11.7
5	15720.00	42.7 AV	54.0	-11.3	2.27 V	251	31.0	11.7

Remarks:

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

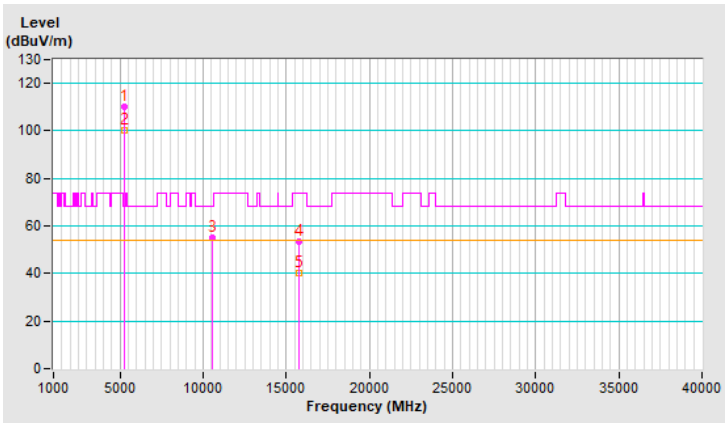


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5260.00	110.3 PK			1.48 H	168	108.5	1.8
2	*5260.00	100.4 AV			1.48 H	168	98.6	1.8
3	#10520.00	55.1 PK	68.2	-13.1	1.59 H	235	43.1	12.0
4	15780.00	53.2 PK	74.0	-20.8	1.37 H	301	41.7	11.5
5	15780.00	40.4 AV	54.0	-13.6	1.37 H	301	28.9	11.5

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.

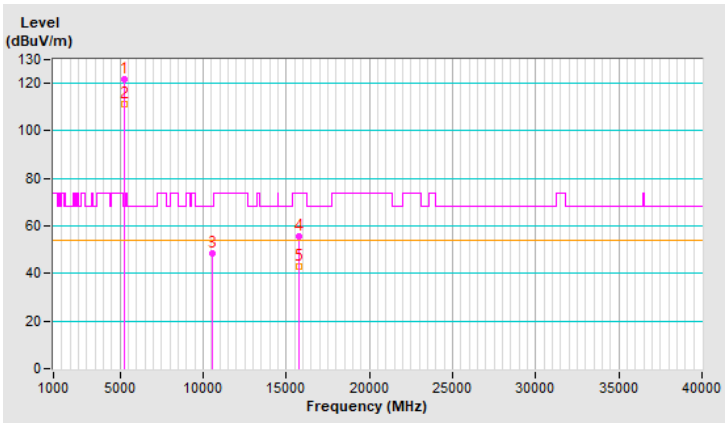


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5260.00	121.7 PK			1.33 V	284	119.9	1.8
2	*5260.00	111.2 AV			1.33 V	284	109.4	1.8
3	#10520.00	48.3 PK	68.2	-19.9	1.72 V	281	36.3	12.0
4	15780.00	55.6 PK	74.0	-18.4	2.29 V	276	44.1	11.5
5	15780.00	43.1 AV	54.0	-10.9	2.29 V	276	31.6	11.5

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.

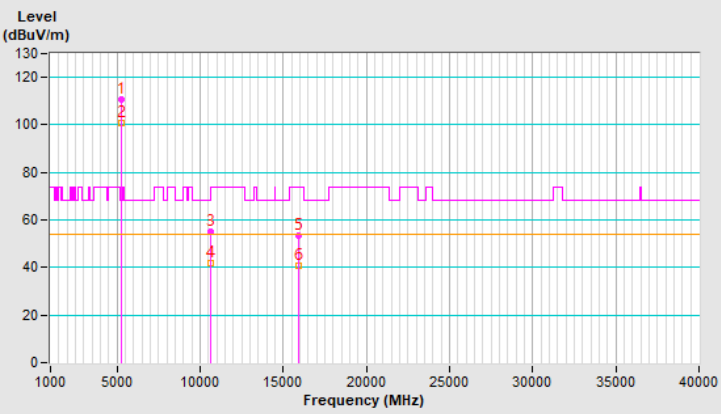


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5300.00	110.9 PK			1.53 H	170	109.2	1.7
2	*5300.00	100.8 AV			1.53 H	170	99.1	1.7
3	10600.00	54.9 PK	74.0	-19.1	1.61 H	253	43.2	11.7
4	10600.00	41.6 AV	54.0	-12.4	1.61 H	253	29.9	11.7
5	15900.00	53.5 PK	74.0	-20.5	1.30 H	299	42.4	11.1
6	15900.00	40.8 AV	54.0	-13.2	1.30 H	299	29.7	11.1

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.

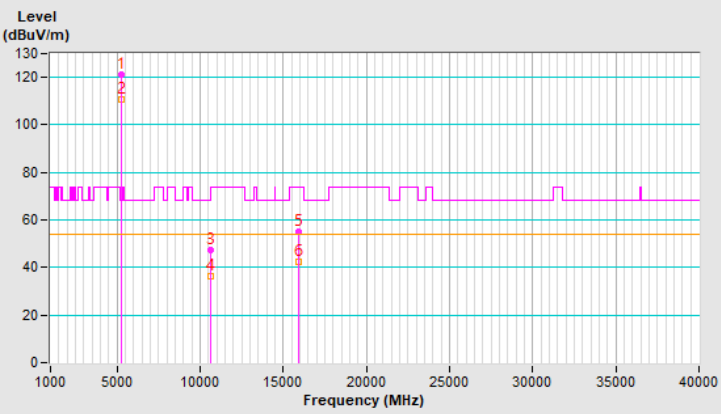


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5300.00	121.2 PK			1.36 V	284	119.5	1.7
2	*5300.00	110.6 AV			1.36 V	284	108.9	1.7
3	10600.00	47.4 PK	74.0	-26.6	1.71 V	294	35.7	11.7
4	10600.00	36.5 AV	54.0	-17.5	1.71 V	294	24.8	11.7
5	15900.00	55.0 PK	74.0	-19.0	2.27 V	266	43.9	11.1
6	15900.00	42.2 AV	54.0	-11.8	2.27 V	266	31.1	11.1

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.

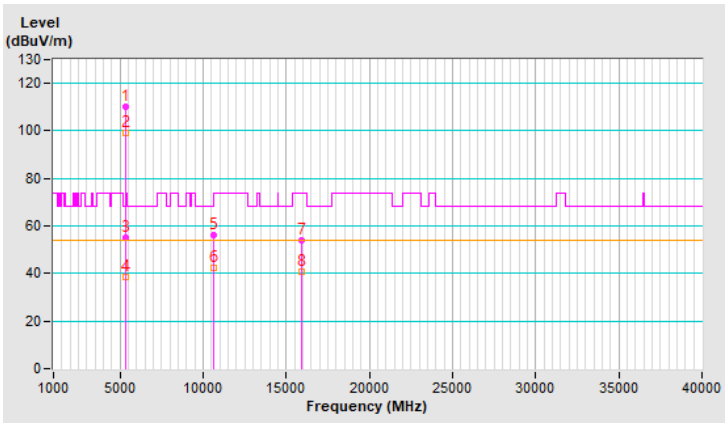


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5320.00	110.0 PK			1.52 H	133	108.3	1.7
2	*5320.00	99.3 AV			1.52 H	133	97.6	1.7
3	5354.40	55.2 PK	74.0	-18.8	1.52 H	133	53.3	1.9
4	5354.40	38.7 AV	54.0	-15.3	1.52 H	133	36.8	1.9
5	10640.00	56.0 PK	74.0	-18.0	1.57 H	256	44.4	11.6
6	10640.00	42.3 AV	54.0	-11.7	1.57 H	256	30.7	11.6
7	15960.00	54.1 PK	74.0	-19.9	1.32 H	311	42.7	11.4
8	15960.00	40.9 AV	54.0	-13.1	1.32 H	311	29.5	11.4

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.

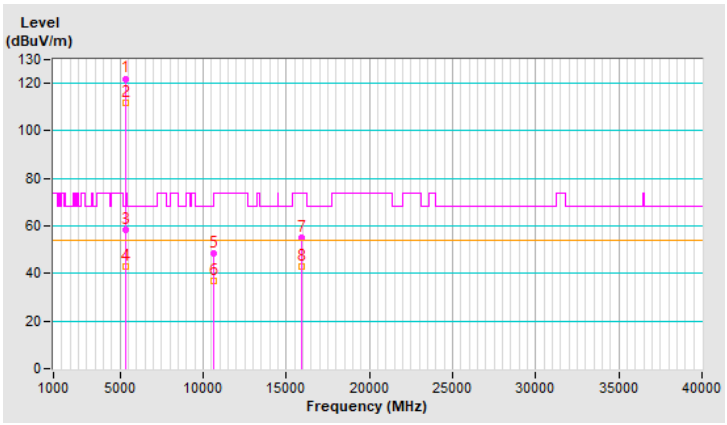


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5320.00	122.0 PK			1.30 V	269	120.3	1.7
2	*5320.00	111.8 AV			1.30 V	269	110.1	1.7
3	5354.40	58.3 PK	74.0	-15.7	1.30 V	269	56.4	1.9
4	5354.40	43.1 AV	54.0	-10.9	1.30 V	269	41.2	1.9
5	10640.00	48.2 PK	74.0	-25.8	1.75 V	297	36.6	11.6
6	10640.00	37.1 AV	54.0	-16.9	1.75 V	297	25.5	11.6
7	15960.00	55.1 PK	74.0	-18.9	2.31 V	261	43.7	11.4
8	15960.00	42.7 AV	54.0	-11.3	2.31 V	261	31.3	11.4

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.

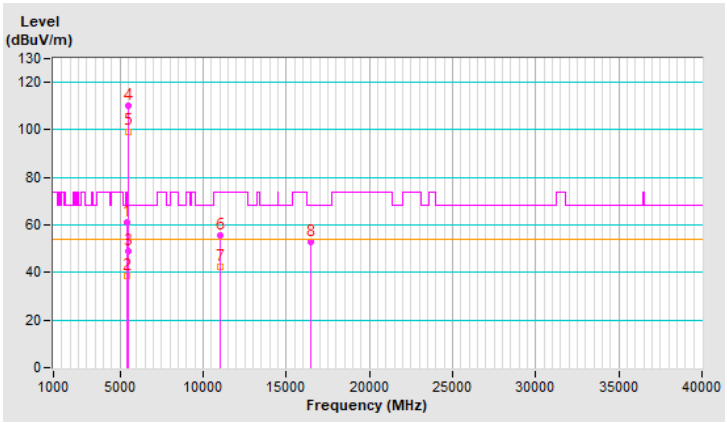


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5458.34	61.1 PK	74.0	-12.9	1.49 H	164	58.9	2.2
2	5458.34	38.5 AV	54.0	-15.5	1.49 H	164	36.3	2.2
3	#5466.19	49.1 PK	68.2	-19.1	1.49 H	164	46.9	2.2
4	*5500.00	109.9 PK			1.49 H	164	107.8	2.1
5	*5500.00	99.4 AV			1.49 H	164	97.3	2.1
6	11000.00	55.5 PK	74.0	-18.5	1.64 H	233	43.4	12.1
7	11000.00	42.3 AV	54.0	-11.7	1.64 H	233	30.2	12.1
8	#16500.00	53.1 PK	68.2	-15.1	1.39 H	298	39.7	13.4

Remarks:

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

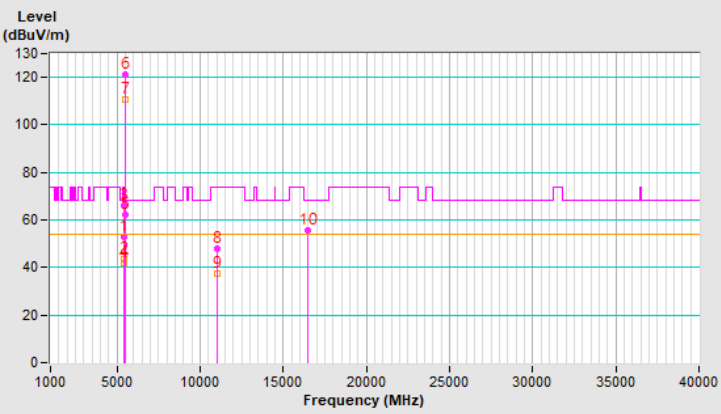


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5451.90	53.1 PK	74.0	-20.9	1.26 V	278	50.9	2.2
2	5451.90	43.6 AV	54.0	-10.4	1.26 V	278	41.4	2.2
3	5460.00	66.3 PK	74.0	-7.7	1.26 V	278	64.1	2.2
4	5460.00	41.7 AV	54.0	-12.3	1.26 V	278	39.5	2.2
5	#5463.30	62.1 PK	68.2	-6.1	1.26 V	278	59.9	2.2
6	*5500.00	121.3 PK			1.26 V	278	119.2	2.1
7	*5500.00	110.9 AV			1.26 V	278	108.8	2.1
8	11000.00	47.9 PK	74.0	-26.1	1.75 V	304	35.8	12.1
9	11000.00	37.4 AV	54.0	-16.6	1.75 V	304	25.3	12.1
10	#16500.00	55.6 PK	68.2	-12.6	2.36 V	267	42.2	13.4

Remarks:

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

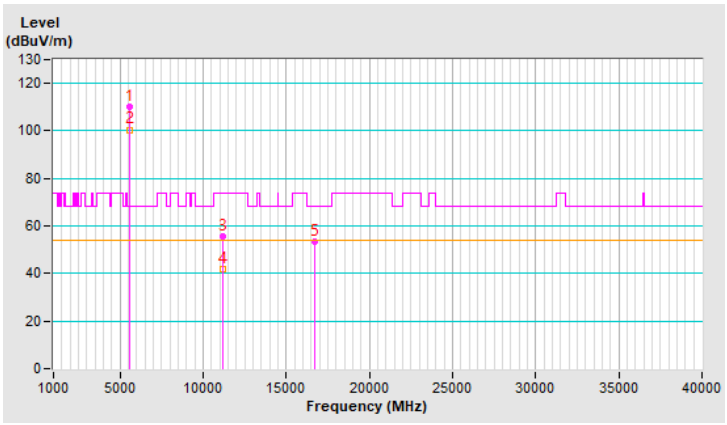


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5580.00	110.3 PK			1.57 H	163	108.1	2.2
2	*5580.00	100.5 AV			1.57 H	163	98.3	2.2
3	11160.00	55.5 PK	74.0	-18.5	1.66 H	257	43.6	11.9
4	11160.00	42.0 AV	54.0	-12.0	1.66 H	257	30.1	11.9
5	#16740.00	53.4 PK	68.2	-14.8	1.32 H	290	38.2	15.2

Remarks:

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

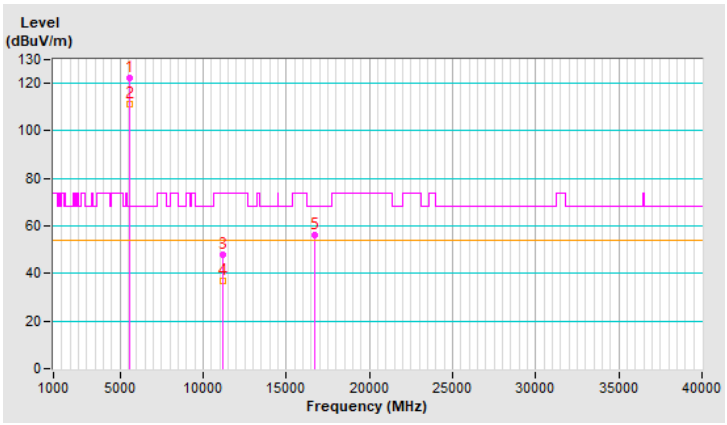


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5580.00	122.1 PK			1.30 V	284	119.9	2.2
2	*5580.00	111.2 AV			1.30 V	284	109.0	2.2
3	11160.00	47.7 PK	74.0	-26.3	1.75 V	291	35.8	11.9
4	11160.00	36.8 AV	54.0	-17.2	1.75 V	291	24.9	11.9
5	#16740.00	56.0 PK	68.2	-12.2	2.30 V	278	40.8	15.2

Remarks:

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

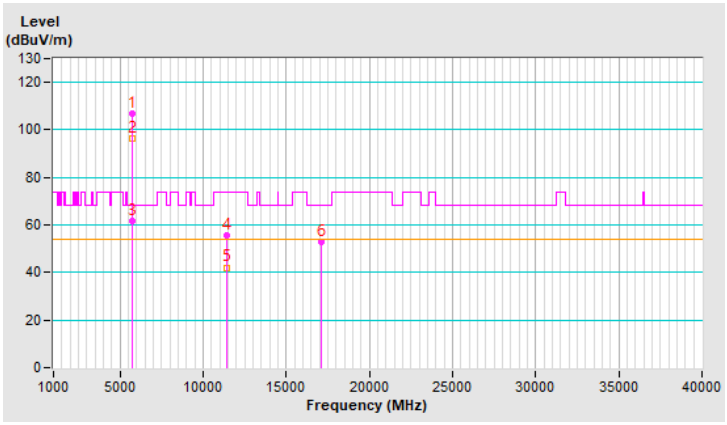


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5700.00	106.7 PK			1.60 H	166	104.4	2.3
2	*5700.00	96.5 AV			1.60 H	166	94.2	2.3
3	#5725.00	61.7 PK	68.2	-6.5	1.60 H	166	59.2	2.5
4	11400.00	55.4 PK	74.0	-18.6	1.59 H	242	43.2	12.2
5	11400.00	42.1 AV	54.0	-11.9	1.59 H	242	29.9	12.2
6	#17100.00	52.9 PK	68.2	-15.3	1.38 H	298	36.3	16.6

Remarks:

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

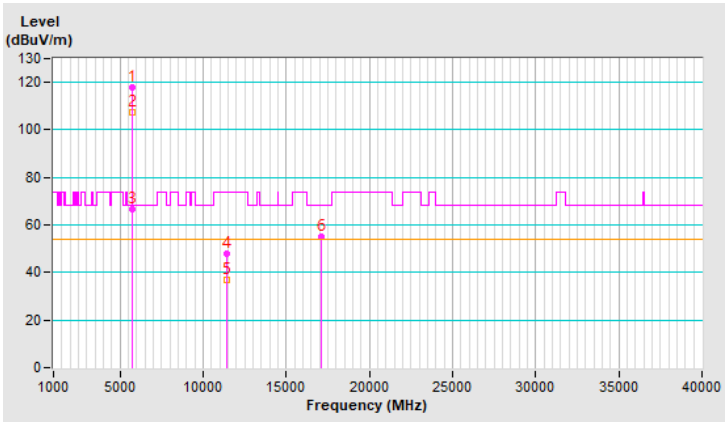


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5700.00	117.9 PK			1.38 V	274	115.6	2.3
2	*5700.00	107.6 AV			1.38 V	274	105.3	2.3
3	#5725.00	66.5 PK	68.2	-1.7	1.38 V	274	64.0	2.5
4	11400.00	47.9 PK	74.0	-26.1	1.75 V	284	35.7	12.2
5	11400.00	37.0 AV	54.0	-17.0	1.75 V	284	24.8	12.2
6	#17100.00	55.2 PK	68.2	-13.0	2.27 V	274	38.6	16.6

Remarks:

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

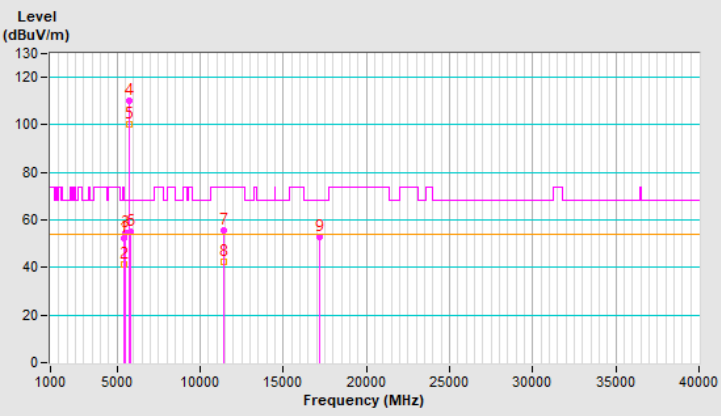


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5460.00	52.1 PK	74.0	-21.9	1.48 H	166	49.9	2.2
2	5460.00	41.5 AV	54.0	-12.5	1.48 H	166	39.3	2.2
3	#5470.00	54.5 PK	68.2	-13.7	1.48 H	166	52.3	2.2
4	*5720.00	110.4 PK			1.48 H	166	108.0	2.4
5	*5720.00	100.3 AV			1.48 H	166	97.9	2.4
6	#5850.00	55.0 PK	68.2	-13.2	1.48 H	166	52.1	2.9
7	11440.00	55.8 PK	74.0	-18.2	1.58 H	243	43.6	12.2
8	11440.00	42.3 AV	54.0	-11.7	1.58 H	243	30.1	12.2
9	#17160.00	53.1 PK	68.2	-15.1	1.39 H	299	36.6	16.5

Remarks:

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

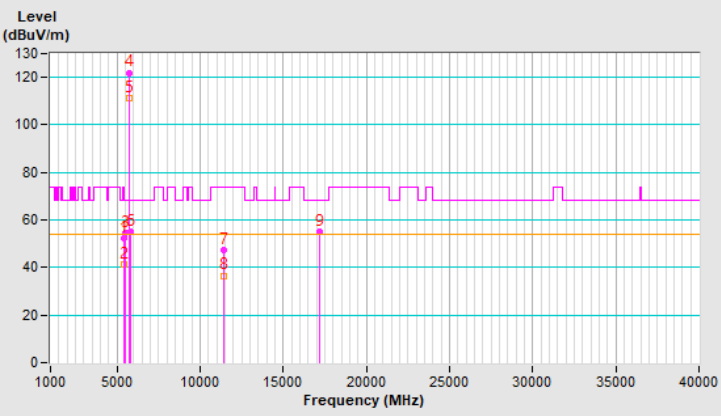


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5460.00	52.1 PK	74.0	-21.9	1.33 V	270	49.9	2.2
2	5460.00	41.5 AV	54.0	-12.5	1.33 V	270	39.3	2.2
3	#5470.00	54.7 PK	68.2	-13.5	1.33 V	270	52.5	2.2
4	*5720.00	122.0 PK			1.33 V	270	119.6	2.4
5	*5720.00	111.1 AV			1.33 V	270	108.7	2.4
6	#5850.00	54.9 PK	68.2	-13.3	1.33 V	270	52.0	2.9
7	11440.00	47.1 PK	74.0	-26.9	1.76 V	303	34.9	12.2
8	11440.00	36.6 AV	54.0	-17.4	1.76 V	303	24.4	12.2
9	#17160.00	55.3 PK	68.2	-12.9	2.37 V	270	38.8	16.5

Remarks:

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

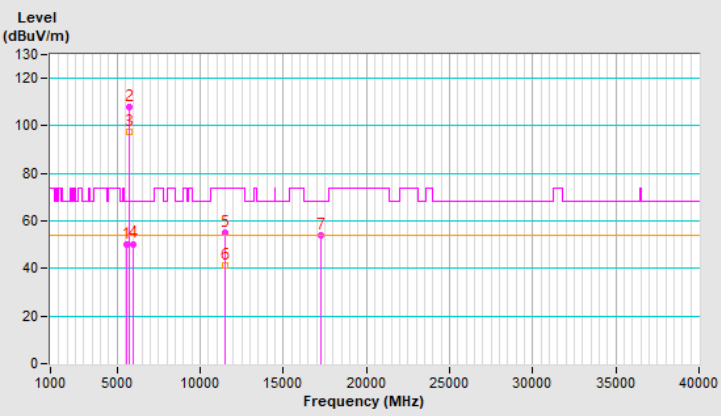


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5559.99	50.3 PK	68.2	-17.9	1.43 H	113	48.1	2.2
2	*5745.00	108.1 PK			1.43 H	113	105.6	2.5
3	*5745.00	97.4 AV			1.43 H	113	94.9	2.5
4	#5941.00	50.4 PK	68.2	-17.8	1.43 H	113	47.5	2.9
5	11490.00	55.0 PK	74.0	-19.0	1.58 H	239	42.6	12.4
6	11490.00	41.4 AV	54.0	-12.6	1.58 H	239	29.0	12.4
7	#17235.00	53.9 PK	68.2	-14.3	1.35 H	290	37.2	16.7

Remarks:

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

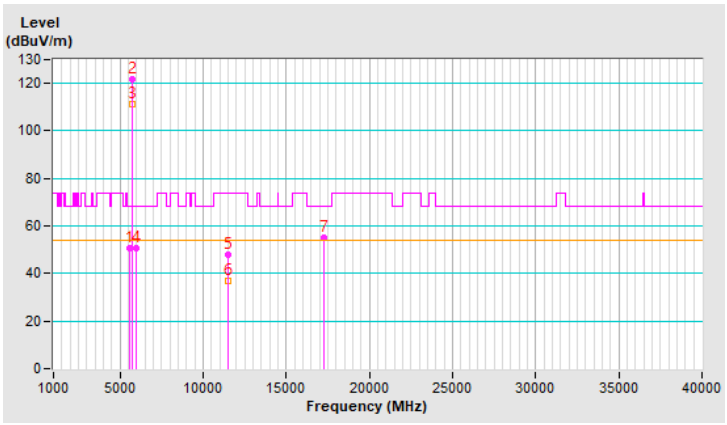


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5555.87	50.7 PK	68.2	-17.5	1.33 V	274	48.5	2.2
2	*5745.00	121.9 PK			1.33 V	274	119.4	2.5
3	*5745.00	111.5 AV			1.33 V	274	109.0	2.5
4	#5966.08	50.7 PK	68.2	-17.5	1.33 V	274	47.8	2.9
5	11490.00	47.9 PK	74.0	-26.1	1.69 V	296	35.5	12.4
6	11490.00	37.1 AV	54.0	-16.9	1.69 V	296	24.7	12.4
7	#17235.00	55.1 PK	68.2	-13.1	2.30 V	281	38.4	16.7

Remarks:

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

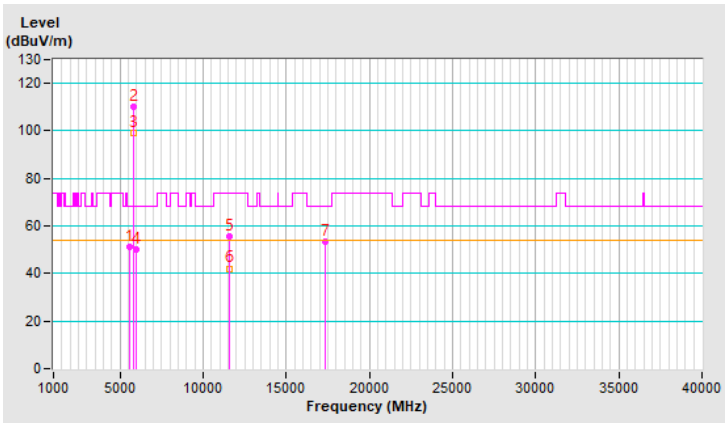


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5566.33	51.0 PK	68.2	-17.2	1.04 H	172	48.8	2.2
2	*5785.00	109.9 PK			1.04 H	172	107.2	2.7
3	*5785.00	99.2 AV			1.04 H	172	96.5	2.7
4	#5943.28	50.0 PK	68.2	-18.2	1.04 H	172	47.1	2.9
5	11570.00	55.8 PK	74.0	-18.2	1.62 H	243	43.4	12.4
6	11570.00	42.1 AV	54.0	-11.9	1.62 H	243	29.7	12.4
7	#17355.00	53.3 PK	68.2	-14.9	1.38 H	288	35.7	17.6

Remarks:

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

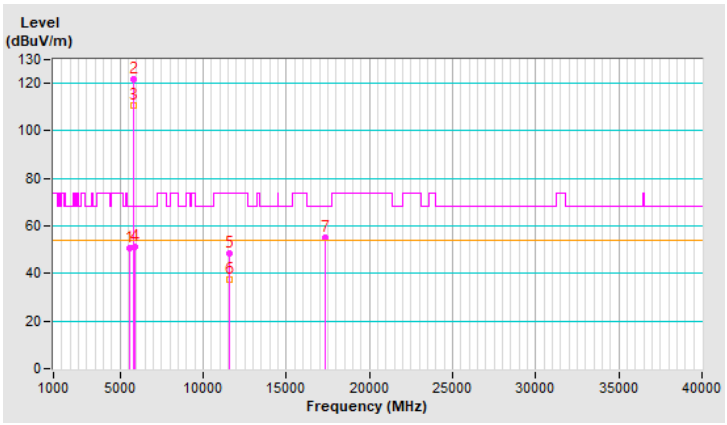


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5583.20	50.5 PK	68.2	-17.7	1.40 V	280	48.3	2.2
2	*5785.00	121.6 PK			1.40 V	280	118.9	2.7
3	*5785.00	110.9 AV			1.40 V	280	108.2	2.7
4	#5927.27	51.4 PK	68.2	-16.8	1.40 V	280	48.5	2.9
5	11570.00	48.2 PK	74.0	-25.8	1.74 V	292	35.8	12.4
6	11570.00	37.3 AV	54.0	-16.7	1.74 V	292	24.9	12.4
7	#17355.00	54.9 PK	68.2	-13.3	2.37 V	255	37.3	17.6

Remarks:

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

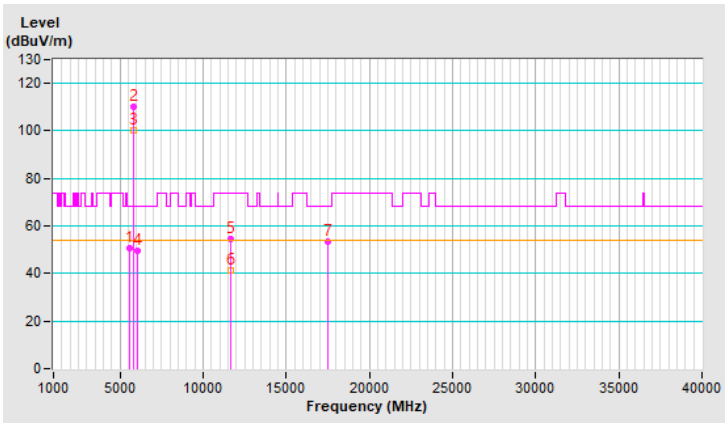


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5572.34	50.9 PK	68.2	-17.3	1.03 H	172	48.7	2.2
2	*5825.00	110.1 PK			1.03 H	172	107.3	2.8
3	*5825.00	100.4 AV			1.03 H	172	97.6	2.8
4	#6014.97	49.8 PK	68.2	-18.4	1.03 H	172	46.8	3.0
5	11650.00	54.7 PK	74.0	-19.3	1.54 H	246	42.8	11.9
6	11650.00	41.5 AV	54.0	-12.5	1.54 H	246	29.6	11.9
7	#17475.00	53.2 PK	68.2	-15.0	1.35 H	288	34.7	18.5

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.

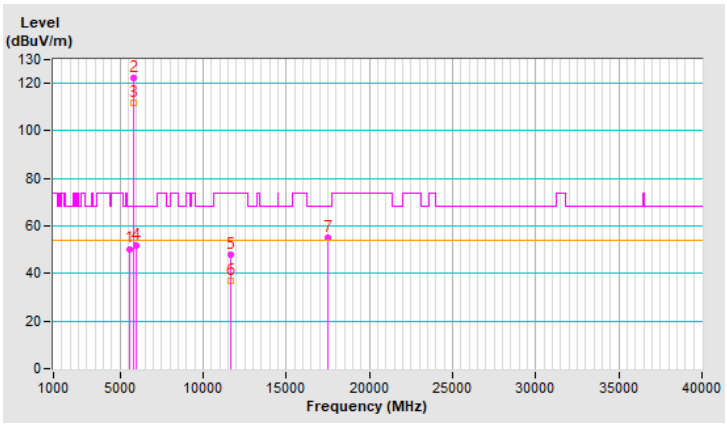


RF Mode	TX 20 MHz Preamble 802.11ax (RU26)	**Channel**	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5583.57	50.4 PK	68.2	-17.8	1.29 V	282	48.2	2.2
2	*5825.00	122.1 PK			1.29 V	282	119.3	2.8
3	*5825.00	111.6 AV			1.29 V	282	108.8	2.8
4	#5963.44	51.7 PK	68.2	-16.5	1.29 V	282	48.8	2.9
5	11650.00	47.8 PK	74.0	-26.2	1.74 V	291	35.9	11.9
6	11650.00	36.8 AV	54.0	-17.2	1.74 V	291	24.9	11.9
7	#17475.00	55.2 PK	68.2	-13.0	2.27 V	269	36.7	18.5

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.

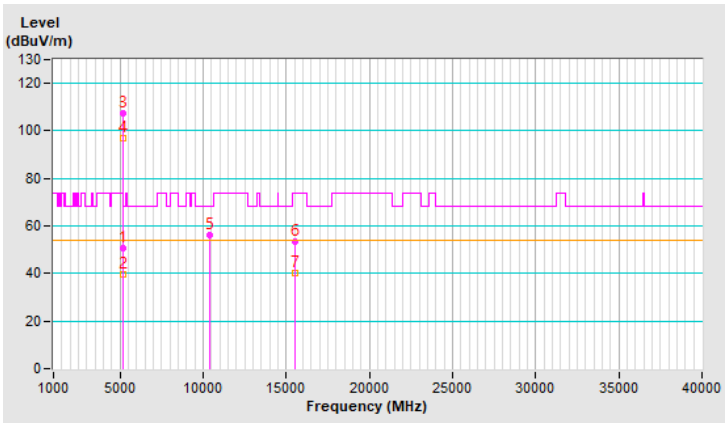


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5149.00	50.9 PK	74.0	-23.1	1.06 H	184	48.5	2.4
2	5149.00	39.7 AV	54.0	-14.3	1.06 H	184	37.3	2.4
3	*5180.00	107.5 PK			1.06 H	184	105.3	2.2
4	*5180.00	96.8 AV			1.06 H	184	94.6	2.2
5	#10360.00	56.0 PK	68.2	-12.2	1.59 H	258	44.3	11.7
6	15540.00	53.4 PK	74.0	-20.6	1.37 H	306	41.6	11.8
7	15540.00	40.2 AV	54.0	-13.8	1.37 H	306	28.4	11.8

Remarks:

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

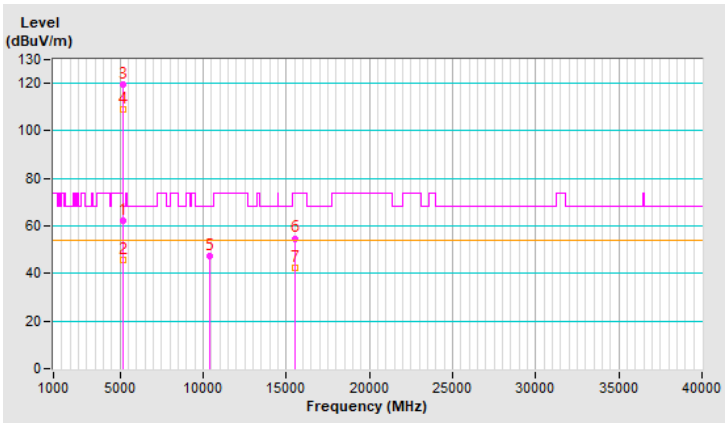


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5149.00	62.0 PK	74.0	-12.0	1.51 V	267	59.6	2.4
2	5149.00	45.7 AV	54.0	-8.3	1.51 V	267	43.3	2.4
3	*5180.00	119.3 PK			1.51 V	267	117.1	2.2
4	*5180.00	108.8 AV			1.51 V	267	106.6	2.2
5	#10360.00	47.5 PK	68.2	-20.7	1.71 V	300	35.8	11.7
6	15540.00	54.8 PK	74.0	-19.2	2.33 V	251	43.0	11.8
7	15540.00	42.5 AV	54.0	-11.5	2.33 V	251	30.7	11.8

Remarks:

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

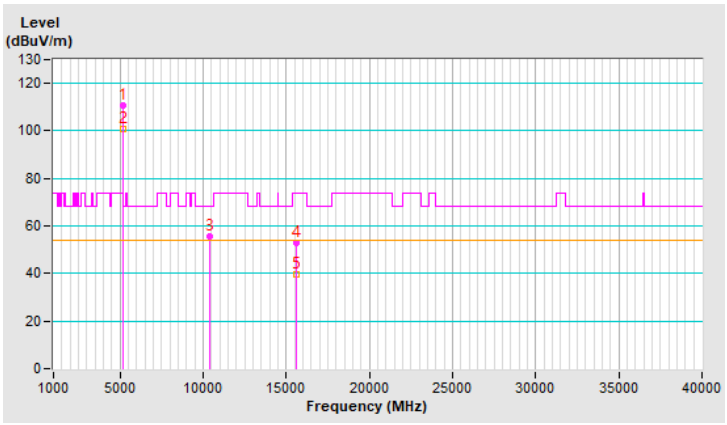


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5200.00	110.6 PK			1.18 H	236	108.5	2.1
2	*5200.00	100.6 AV			1.18 H	236	98.5	2.1
3	#10400.00	55.7 PK	68.2	-12.5	1.59 H	248	43.8	11.9
4	15600.00	53.0 PK	74.0	-21.0	1.32 H	313	41.5	11.5
5	15600.00	39.8 AV	54.0	-14.2	1.32 H	313	28.3	11.5

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.

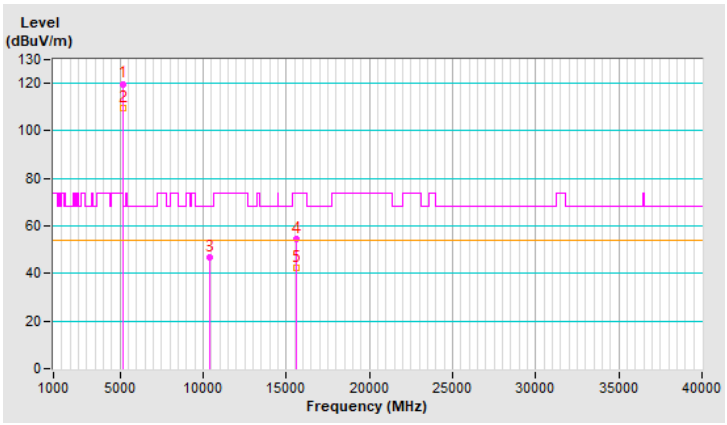


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	Channel	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	119.8 PK			1.48 V	259	117.7	2.1
2	*5200.00	109.8 AV			1.48 V	259	107.7	2.1
3	#10400.00	47.0 PK	68.2	-21.2	1.74 V	286	35.1	11.9
4	15600.00	54.6 PK	74.0	-19.4	2.28 V	238	43.1	11.5
5	15600.00	42.2 AV	54.0	-11.8	2.28 V	238	30.7	11.5

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.

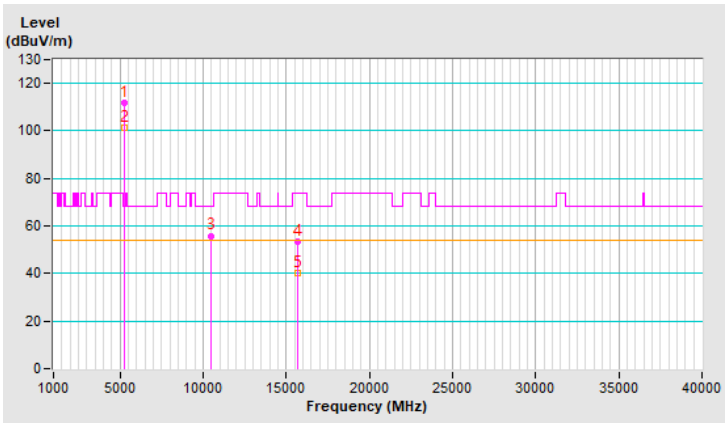


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5240.00	111.7 PK			1.10 H	209	109.8	1.9
2	*5240.00	101.2 AV			1.10 H	209	99.3	1.9
3	#10480.00	55.9 PK	68.2	-12.3	1.56 H	243	44.0	11.9
4	15720.00	53.4 PK	74.0	-20.6	1.43 H	313	41.7	11.7
5	15720.00	40.3 AV	54.0	-13.7	1.43 H	313	28.6	11.7

Remarks:

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

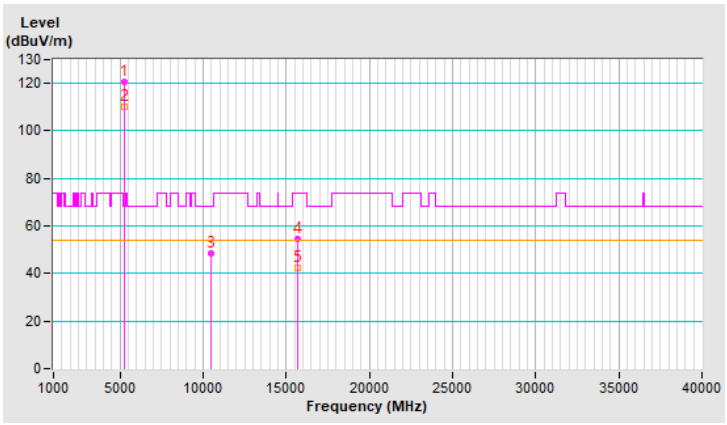


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5240.00	120.6 PK			1.49 V	258	118.7	1.9
2	*5240.00	110.1 AV			1.49 V	258	108.2	1.9
3	#10480.00	48.2 PK	68.2	-20.0	1.74 V	284	36.3	11.9
4	15720.00	54.5 PK	74.0	-19.5	2.30 V	267	42.8	11.7
5	15720.00	42.3 AV	54.0	-11.7	2.30 V	267	30.6	11.7

Remarks:

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

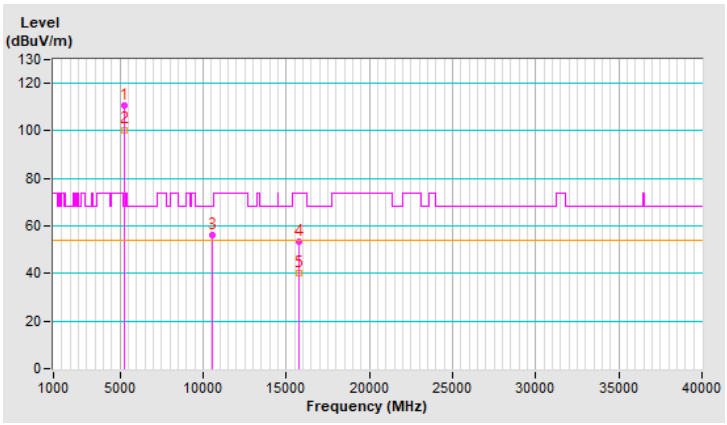


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5260.00	110.7 PK			1.09 H	218	108.9	1.8
2	*5260.00	100.5 AV			1.09 H	218	98.7	1.8
3	#10520.00	56.1 PK	68.2	-12.1	1.65 H	262	44.1	12.0
4	15780.00	53.5 PK	74.0	-20.5	1.40 H	310	42.0	11.5
5	15780.00	40.2 AV	54.0	-13.8	1.40 H	310	28.7	11.5

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.

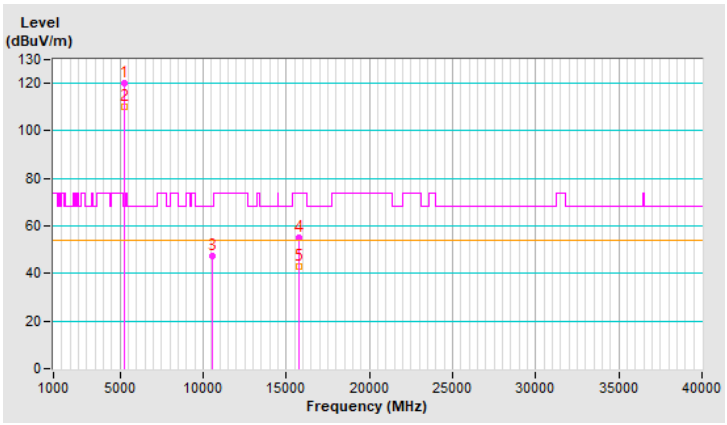


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5260.00	120.3 PK			1.54 V	256	118.5	1.8
2	*5260.00	110.1 AV			1.54 V	256	108.3	1.8
3	#10520.00	47.6 PK	68.2	-20.6	1.75 V	310	35.6	12.0
4	15780.00	54.9 PK	74.0	-19.1	2.37 V	246	43.4	11.5
5	15780.00	42.9 AV	54.0	-11.1	2.37 V	246	31.4	11.5

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.

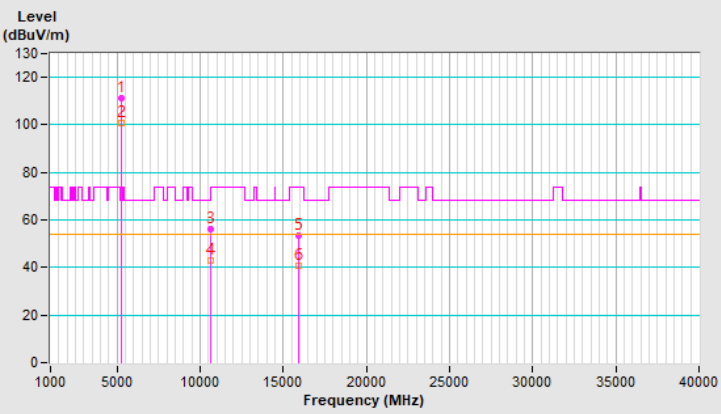


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5300.00	111.4 PK			1.19 H	236	109.7	1.7
2	*5300.00	101.0 AV			1.19 H	236	99.3	1.7
3	10600.00	56.4 PK	74.0	-17.6	1.58 H	256	44.7	11.7
4	10600.00	42.8 AV	54.0	-11.2	1.58 H	256	31.1	11.7
5	15900.00	53.4 PK	74.0	-20.6	1.40 H	308	42.3	11.1
6	15900.00	40.5 AV	54.0	-13.5	1.40 H	308	29.4	11.1

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.

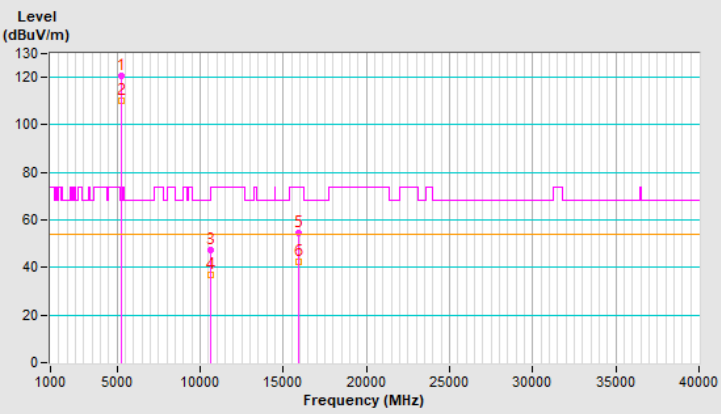


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5300.00	120.6 PK			1.45 V	271	118.9	1.7
2	*5300.00	110.3 AV			1.45 V	271	108.6	1.7
3	10600.00	47.1 PK	74.0	-26.9	1.73 V	297	35.4	11.7
4	10600.00	36.7 AV	54.0	-17.3	1.73 V	297	25.0	11.7
5	15900.00	54.3 PK	74.0	-19.7	2.27 V	264	43.2	11.1
6	15900.00	42.3 AV	54.0	-11.7	2.27 V	264	31.2	11.1

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.

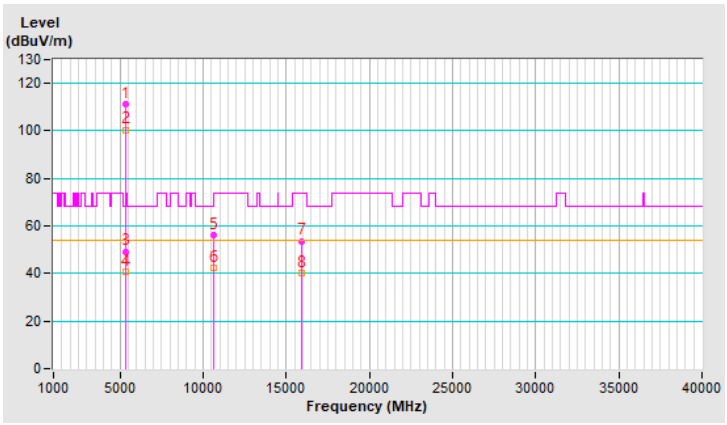


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5320.00	111.0 PK			1.12 H	220	109.3	1.7
2	*5320.00	100.5 AV			1.12 H	220	98.8	1.7
3	5350.00	49.3 PK	74.0	-24.7	1.12 H	220	47.3	2.0
4	5350.00	40.5 AV	54.0	-13.5	1.12 H	220	38.5	2.0
5	10640.00	56.1 PK	74.0	-17.9	1.53 H	265	44.5	11.6
6	10640.00	42.2 AV	54.0	-11.8	1.53 H	265	30.6	11.6
7	15960.00	53.7 PK	74.0	-20.3	1.36 H	295	42.3	11.4
8	15960.00	40.3 AV	54.0	-13.7	1.36 H	295	28.9	11.4

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.

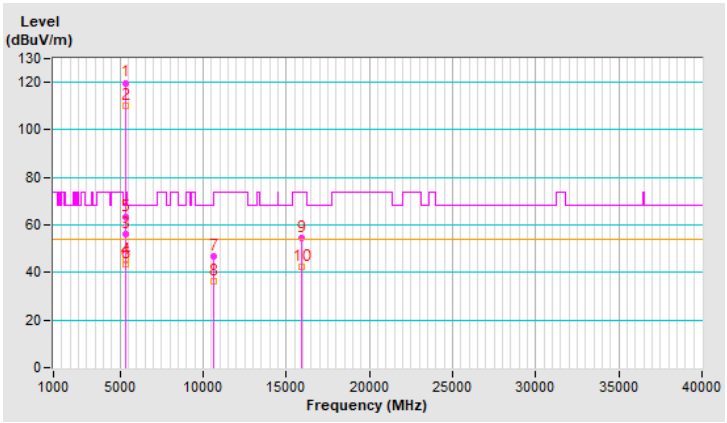


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5320.00	119.8 PK			1.41 V	264	118.1	1.7
2	*5320.00	110.0 AV			1.41 V	264	108.3	1.7
3	5350.00	56.2 PK	74.0	-17.8	1.41 V	264	54.2	2.0
4	5350.00	45.3 AV	54.0	-8.7	1.41 V	264	43.3	2.0
5	5354.20	63.3 PK	74.0	-10.7	1.41 V	264	61.4	1.9
6	5354.20	43.6 AV	54.0	-10.4	1.41 V	264	41.7	1.9
7	10640.00	46.8 PK	74.0	-27.2	1.65 V	286	35.2	11.6
8	10640.00	36.5 AV	54.0	-17.5	1.65 V	286	24.9	11.6
9	15960.00	54.6 PK	74.0	-19.4	2.36 V	239	43.2	11.4
10	15960.00	42.4 AV	54.0	-11.6	2.36 V	239	31.0	11.4

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.

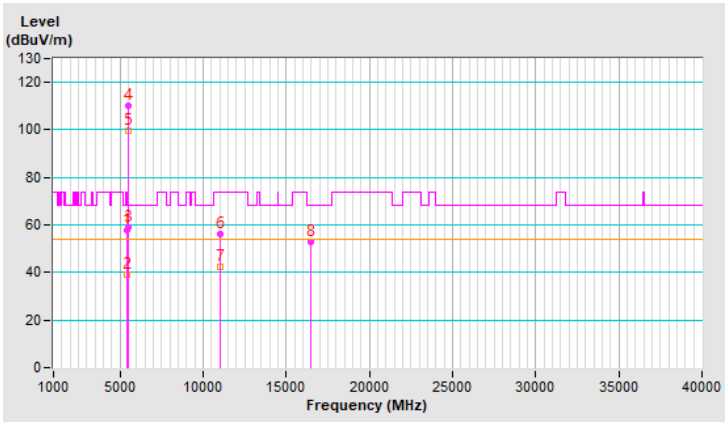


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5460.00	57.6 PK	74.0	-16.4	1.10 H	221	55.4	2.2
2	5460.00	39.3 AV	54.0	-14.7	1.10 H	221	37.1	2.2
3	#5464.73	59.1 PK	68.2	-9.1	1.10 H	221	56.9	2.2
4	*5500.00	110.0 PK			1.10 H	221	107.9	2.1
5	*5500.00	99.8 AV			1.10 H	221	97.7	2.1
6	11000.00	56.1 PK	74.0	-17.9	1.60 H	259	44.0	12.1
7	11000.00	42.3 AV	54.0	-11.7	1.60 H	259	30.2	12.1
8	#16500.00	53.1 PK	68.2	-15.1	1.40 H	299	39.7	13.4

Remarks:

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

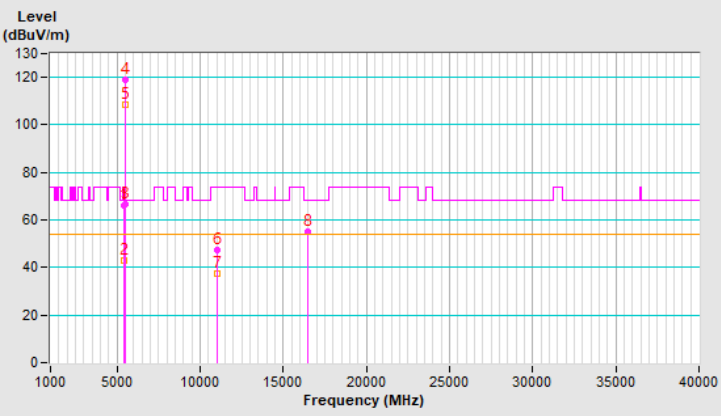


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5460.00	66.1 PK	74.0	-7.9	1.42 V	286	63.9	2.2
2	5460.00	42.8 AV	54.0	-11.2	1.42 V	286	40.6	2.2
3	#5468.25	66.6 PK	68.2	-1.6	1.42 V	286	64.4	2.2
4	*5500.00	119.0 PK			1.42 V	286	116.9	2.1
5	*5500.00	108.7 AV			1.42 V	286	106.6	2.1
6	11000.00	47.6 PK	74.0	-26.4	1.75 V	310	35.5	12.1
7	11000.00	37.2 AV	54.0	-16.8	1.75 V	310	25.1	12.1
8	#16500.00	55.0 PK	68.2	-13.2	2.31 V	238	41.6	13.4

Remarks:

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

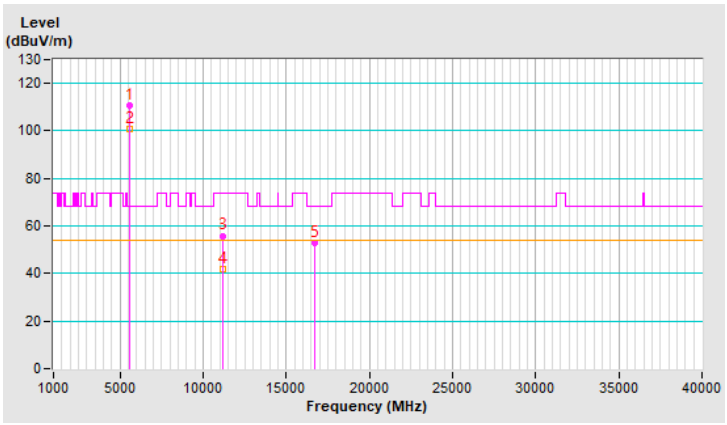


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5580.00	110.7 PK			1.09 H	236	108.5	2.2
2	*5580.00	100.7 AV			1.09 H	236	98.5	2.2
3	11160.00	55.9 PK	74.0	-18.1	1.61 H	266	44.0	11.9
4	11160.00	42.0 AV	54.0	-12.0	1.61 H	266	30.1	11.9
5	#16740.00	53.1 PK	68.2	-15.1	1.33 H	299	37.9	15.2

Remarks:

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

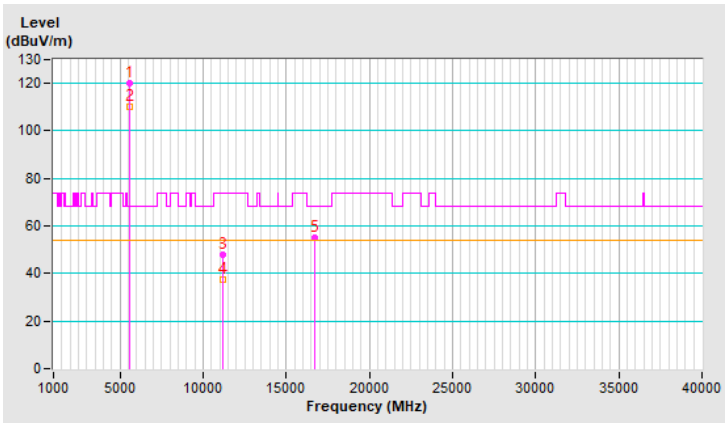


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5580.00	120.0 PK			1.51 V	253	117.8	2.2
2	*5580.00	109.9 AV			1.51 V	253	107.7	2.2
3	11160.00	47.8 PK	74.0	-26.2	1.69 V	297	35.9	11.9
4	11160.00	37.3 AV	54.0	-16.7	1.69 V	297	25.4	11.9
5	#16740.00	55.1 PK	68.2	-13.1	2.28 V	267	39.9	15.2

Remarks:

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

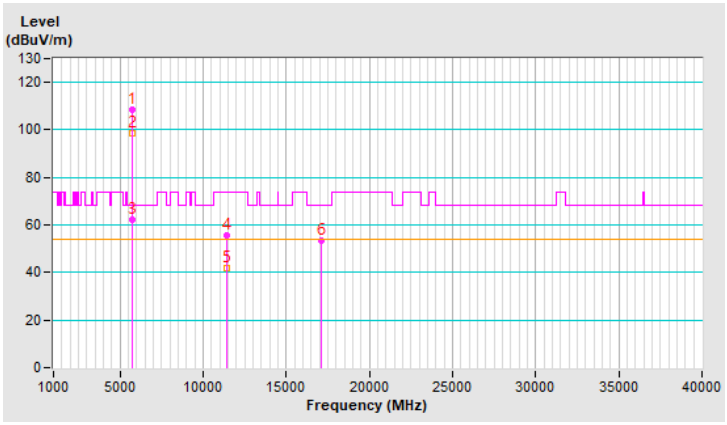


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5700.00	108.3 PK			1.14 H	246	106.0	2.3
2	*5700.00	98.4 AV			1.14 H	246	96.1	2.3
3	#5725.00	62.2 PK	68.2	-6.0	1.14 H	246	59.7	2.5
4	11400.00	55.8 PK	74.0	-18.2	1.63 H	246	43.6	12.2
5	11400.00	41.9 AV	54.0	-12.1	1.63 H	246	29.7	12.2
6	#17100.00	53.5 PK	68.2	-14.7	1.43 H	306	36.9	16.6

Remarks:

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

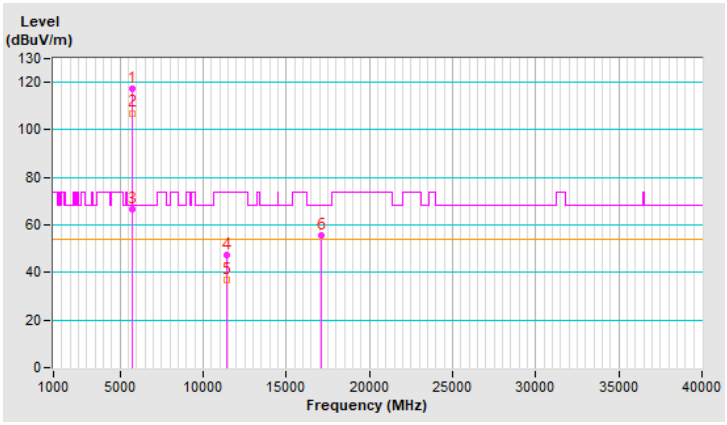


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*5700.00	117.3 PK			1.35 V	273	115.0	2.3
2	*5700.00	107.1 AV			1.35 V	273	104.8	2.3
3	#5725.00	66.4 PK	68.2	-1.8	1.35 V	273	63.9	2.5
4	11400.00	47.1 PK	74.0	-26.9	1.71 V	296	34.9	12.2
5	11400.00	36.7 AV	54.0	-17.3	1.71 V	296	24.5	12.2
6	#17100.00	55.6 PK	68.2	-12.6	2.33 V	254	39.0	16.6

Remarks:

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

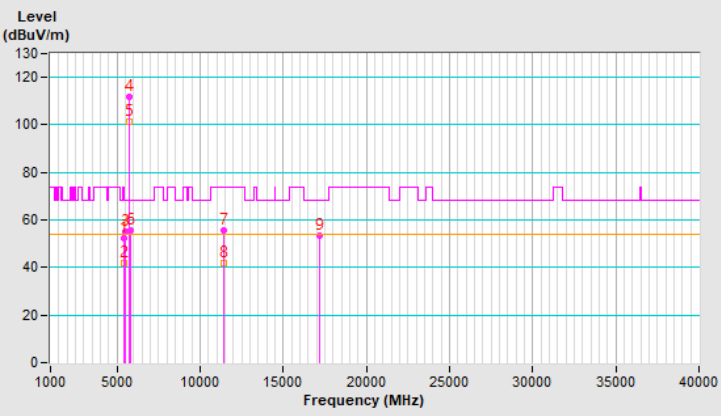


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5460.00	52.2 PK	74.0	-21.8	1.09 H	213	50.0	2.2
2	5460.00	41.9 AV	54.0	-12.1	1.09 H	213	39.7	2.2
3	#5470.00	55.2 PK	68.2	-13.0	1.09 H	213	53.0	2.2
4	*5720.00	111.8 PK			1.09 H	213	109.4	2.4
5	*5720.00	101.3 AV			1.09 H	213	98.9	2.4
6	#5850.00	55.5 PK	68.2	-12.7	1.09 H	213	52.6	2.9
7	11440.00	55.5 PK	74.0	-18.5	1.55 H	264	43.3	12.2
8	11440.00	41.9 AV	54.0	-12.1	1.55 H	264	29.7	12.2
9	#17160.00	53.4 PK	68.2	-14.8	1.39 H	298	36.9	16.5

Remarks:

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

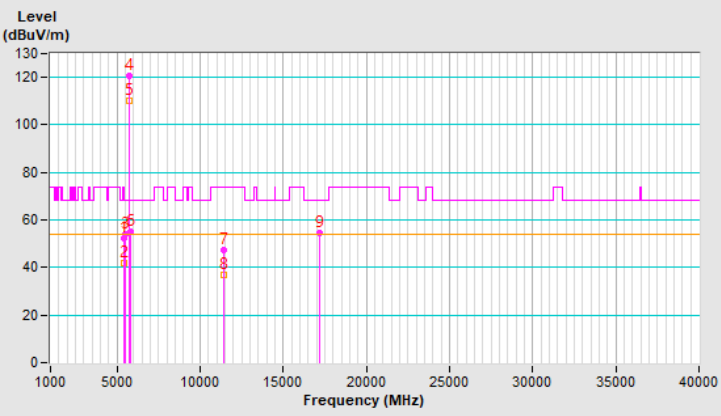


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5460.00	52.3 PK	74.0	-21.7	1.43 V	263	50.1	2.2
2	5460.00	41.8 AV	54.0	-12.2	1.43 V	263	39.6	2.2
3	#5470.00	54.2 PK	68.2	-14.0	1.43 V	263	52.0	2.2
4	*5720.00	120.8 PK			1.43 V	263	118.4	2.4
5	*5720.00	110.2 AV			1.43 V	263	107.8	2.4
6	#5850.00	54.9 PK	68.2	-13.3	1.43 V	263	52.0	2.9
7	11440.00	47.4 PK	74.0	-26.6	1.74 V	308	35.2	12.2
8	11440.00	37.1 AV	54.0	-16.9	1.74 V	308	24.9	12.2
9	#17160.00	54.6 PK	68.2	-13.6	2.32 V	246	38.1	16.5

Remarks:

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

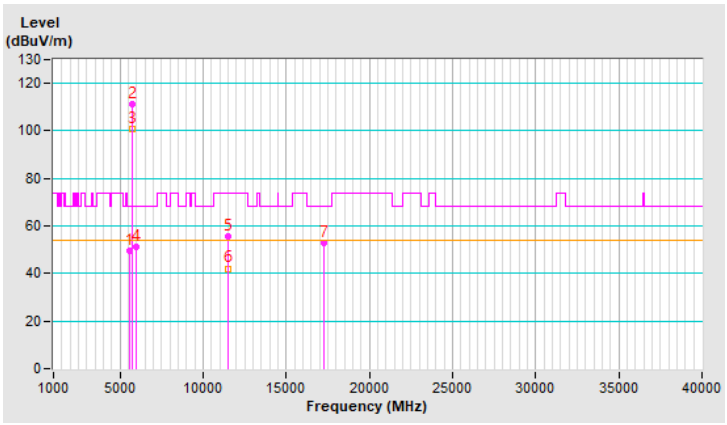


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5595.02	49.6 PK	68.2	-18.6	1.15 H	222	47.4	2.2
2	*5745.00	111.3 PK			1.15 H	222	108.8	2.5
3	*5745.00	101.0 AV			1.15 H	222	98.5	2.5
4	#5958.44	51.2 PK	68.2	-17.0	1.15 H	222	48.3	2.9
5	11490.00	55.5 PK	74.0	-18.5	1.65 H	268	43.1	12.4
6	11490.00	42.1 AV	54.0	-11.9	1.65 H	268	29.7	12.4
7	#17235.00	53.0 PK	68.2	-15.2	1.41 H	309	36.3	16.7

Remarks:

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

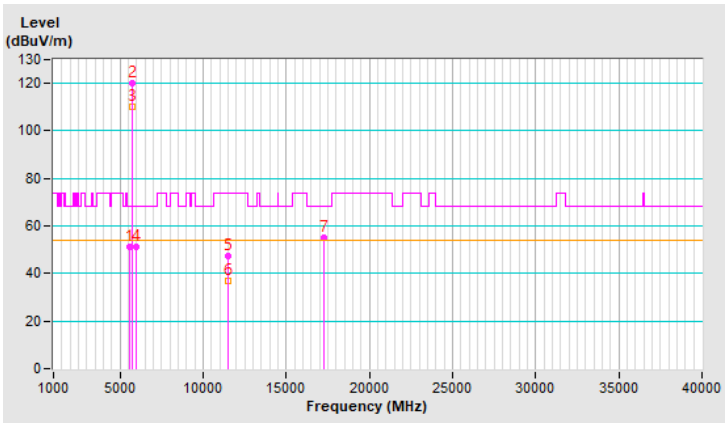


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5582.81	51.3 PK	68.2	-16.9	1.49 V	263	49.1	2.2
2	*5745.00	120.3 PK			1.49 V	263	117.8	2.5
3	*5745.00	110.0 AV			1.49 V	263	107.5	2.5
4	#5980.04	51.1 PK	68.2	-17.1	1.49 V	263	48.2	2.9
5	11490.00	47.5 PK	74.0	-26.5	1.74 V	302	35.1	12.4
6	11490.00	37.1 AV	54.0	-16.9	1.74 V	302	24.7	12.4
7	#17235.00	55.1 PK	68.2	-13.1	2.35 V	246	38.4	16.7

Remarks:

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

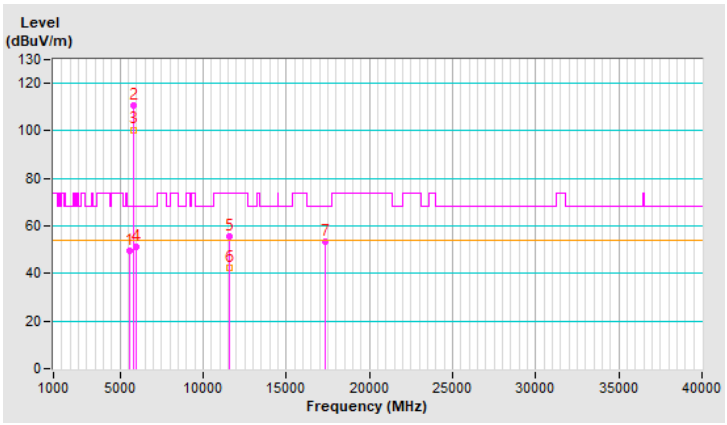


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5559.38	49.6 PK	68.2	-18.6	1.13 H	223	47.4	2.2
2	*5785.00	110.9 PK			1.13 H	223	108.2	2.7
3	*5785.00	100.5 AV			1.13 H	223	97.8	2.7
4	#5986.87	51.1 PK	68.2	-17.1	1.13 H	223	48.2	2.9
5	11570.00	55.7 PK	74.0	-18.3	1.64 H	269	43.3	12.4
6	11570.00	42.2 AV	54.0	-11.8	1.64 H	269	29.8	12.4
7	#17355.00	53.6 PK	68.2	-14.6	1.33 H	300	36.0	17.6

Remarks:

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

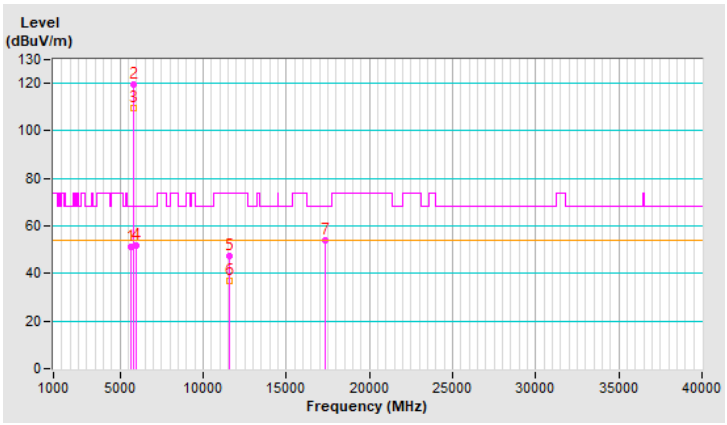


RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5621.87	51.4 PK	68.2	-16.8	1.46 V	271	49.2	2.2
2	*5785.00	119.7 PK			1.46 V	271	117.0	2.7
3	*5785.00	109.4 AV			1.46 V	271	106.7	2.7
4	#5953.90	51.6 PK	68.2	-16.6	1.46 V	271	48.7	2.9
5	11570.00	47.6 PK	74.0	-26.4	1.65 V	293	35.2	12.4
6	11570.00	36.8 AV	54.0	-17.2	1.65 V	293	24.4	12.4
7	#17355.00	54.2 PK	68.2	-14.0	2.30 V	256	36.6	17.6

Remarks:

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



RF Mode	TX 20 MHz Preamble 802.11ax (RU52)	**Channel**	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	**Environmental Conditions**	20°C, 70% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5599.64	50.3 PK	68.2	-17.9	1.07 H	223	48.1	2.2
2	*5825.00	111.1 PK			1.07 H	223	108.3	2.8
3	*5825.00	100.6 AV			1.07 H	223	97.8	2.8
4	#5944.40	50.6 PK	68.2	-17.6	1.07 H	223	47.7	2.9
5	11650.00	56.4 PK	74.0	-17.6	1.63 H	266	44.5	11.9
6	11650.00	42.6 AV	54.0	-11.4	1.63 H	266	30.7	11.9
7	#17475.00	53.2 PK	68.2	-15.0	1.40 H	294	34.7	18.5

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.