

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)

Report No.: RFBHVI-WTW-P23120316-1

FCC ID: N6C-IM100

Product: Embedded wireless module

Brand: Silex Technology

Model No.: IM-100

Received Date: 2023/12/14

Test Date: 2024/1/16 ~ 2024/2/17

Issued Date: 2024/5/7

Applicant: Silex Technology, Inc.

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

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Test Location: E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan

FCC Registration / 723255 / TW2022

Designation Number:

Approved by: _____



May Chen / Manager

, Date: _____

2024/5/7

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Prepared by : Vito Lung / Specialis



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Release Control Record

Issue No.	Description	Date Issued
RFBHVI-WTW-P23120316-1	Original release.	2024/5/7

1 Certificate

Product: Embedded wireless module

Brand: Silex Technology

Test Model: IM-100

Sample Status: Engineering sample

Applicant: Silex Technology, Inc.

Test Date: 2024/1/16 ~ 2024/2/17

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)

Measurement procedure: ANSI C63.10-2013
KDB 789033 D02 General UNII Test Procedure New Rules v02r01

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

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Clause	Test Item	Result	Remark
15.407(a)(2)	26 dB Bandwidth	-	For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.
15.407(a)(1) 15.407(a)(2) 15.407(a)(3)	RF Output Power	Pass	Meet the requirement of limit.
15.407(a)(1) 15.407(a)(2) 15.407(a)(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 -17.63 dB at 0.57578 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -11.3 dB at 33.10 and 518.02 MHz
15.407(b) (1/10) 15.407(b) (2/10) 15.407(b) (3/10) 15.407(b) (4(i)/10)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -3.0 dB at 5150.00, 5350.00, 5470.00, 11400.00, 11440.00, 11570.00, 15540.00, 15600.00, 15780.00 and 17475.00 MHz
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF) not a standard connector.

Notes:

1. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. The "Dynamic Frequency Selection measurement" was recorded in DFS test report.

2.1 Measurement Uncertainty

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

Parameter	Specification	Uncertainty (±)
26 dB Bandwidth	-	1050.00 Hz
RF Output Power	-	1.1 dB
Power Spectral Density	-	1.3 dB
6 dB Bandwidth	-	1050.00 Hz
Occupied Bandwidth	-	1050.00 Hz
Frequency Stability	-	0.16 ppm
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	5.4 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	5.0 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	Embedded wireless module
Brand	Silex Technology
Test Model	IM-100
Status of EUT	Engineering sample
Power Supply Rating	3.3 Vdc from host equipment
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode 1024QAM for OFDMA in 11ax mode
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: up to 54 Mbps 802.11n: up to 72.2 Mbps 802.11ac: up to 86.7 Mbps 802.11ax: up to 143.4 Mbps
Operating Frequency	5.18 GHz ~ 5.24 GHz 5.26 GHz ~ 5.32 GHz 5.5 GHz ~ 5.72 GHz 5.745 GHz ~ 5.825 GHz
Number of Channel	802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 25
Resource Unit (RU)	Single RU: 26-tone, 52-tone, 106-tone
Output Power	5.18 GHz ~ 5.24 GHz: 47.753 mW (16.79 dBm) 5.26 GHz ~ 5.32 GHz: 47.973 mW (16.81 dBm) 5.5 GHz ~ 5.72 GHz: 47.753 mW (16.79 dBm) 5.745 GHz ~ 5.825 GHz: 48.529 mW (16.86 dBm)
EUT Category	Client device

Note:

1. There are WLAN (2.4 GHz) and WLAN (5 GHz) technology used for the EUT.
2. The product's WLAN 2.4G and WLAN 5G will not operate simultaneously.
3. Simultaneously transmission condition.

Condition	Technology	
1	WLAN (5 GHz)	Bluetooth

Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.

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

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna No.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
1	Molex	146153	3.18	2.4~2.4835	Dipole	ipex(MHF)	50
			3.18	5.15~5.25			
			2.98	5.25~5.35			
			4.28	5.47~5.725			
			3.78	5.725~5.85			
2	Unictron	AA258	2.67	2.4~2.4835	Dipole	ipex(MHF)	50
			3.22	5.15~5.25			
			3.91	5.25~5.35			
			2.77	5.47~5.725			
			3.92	5.725~5.85			
3	Silex	SXANTFDB24A55-03	2.75	2.4~2.4835	Folded inverted-L	None (On-board)	NA
			1.82	5.15~5.25			
			1.82	5.25~5.35			
			2.82	5.47~5.725			
			2.99	5.725~5.85			

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

2. The EUT incorporates a SISO function:

5 GHz Band		
Modulation Mode	TX & RX Configuration	
802.11a	1Tx	1Rx
802.11n (HT20)	1Tx	1Rx
802.11ac (VHT20)	1Tx	1Rx
802.11ax (HE20)	1Tx	1Rx
802.11ax (RU26/52/106)	1Tx	1Rx

Note:

The modulation and bandwidth are similar for 802.11n mode for 20 MHz, 802.11ac mode for 20 MHz and 802.11ax mode for 20 MHz, 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), 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

FOR 5500 ~ 5720 MHz

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

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

FOR 5745 ~ 5825 MHz:

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

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

3.4 Test Mode Applicability and Tested Channel Detail

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

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

Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter	RU/MRU Index
26 dB Bandwidth	-	802.11a	52, 60, 64	BPSK	6Mb/s	NA
			100, 116, 140, 144			
		802.11ax (HE20)	52, 60, 64	BPSK	MCS0	NA
			100, 116, 140, 144			
		802.11ax (HE20) 26-tone RU	52, 60, 64	BPSK	MCS0	0, 0, 8
			100, 116, 140, 144			0, 0, 8
		802.11ax (HE20) 52-tone RU	52, 60, 64	BPSK	MCS0	37, 37, 40
			100, 116, 140, 144			37, 37, 40
		802.11ax (HE20) 106-tone RU	52, 60, 64	BPSK	MCS0	53, 53, 54
			100, 116, 140, 144			53, 53, 54
RF Output Power	-	802.11a	36, 40, 48	BPSK	6Mb/s	NA
			52, 60, 64			
			100, 116, 140, 144			
			149, 157, 165			
		802.11ac (VHT20)	36, 40, 48	BPSK	MCS0	NA
			52, 60, 64			
			100, 116, 140, 144			
			149, 157, 165			
		802.11ax (HE20)	36, 40, 48	BPSK	MCS0	NA
			52, 60, 64			
			100, 116, 140, 144			
			149, 157, 165			
		802.11ax (HE20) 26-tone RU	36, 40, 48	BPSK	MCS0	0, 0, 8
			52, 60, 64			0, 0, 8
			100, 116, 140, 144			0, 0, 8, 8
			149, 157, 165			0, 0, 8

Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter	RU/MRU Index
RF Output Power	-	802.11ax (HE20) 52-tone RU	36, 40, 48	BPSK	MCS0	37, 37, 40
			52, 60, 64			37, 37, 40
			100, 116, 140, 144			37, 37, 40, 40
			149, 157, 165			37, 37, 40
		802.11ax (HE20) 106-tone RU	36, 40, 48	BPSK	MCS0	53, 53, 54
			52, 60, 64			53, 53, 54
			100, 116, 140, 144			53, 53, 54, 54
			149, 157, 165			53, 53, 54
Power Spectral Density	-	802.11a	36, 40, 48	BPSK	6Mb/s	NA
			52, 60, 64			
			100, 116, 140, 144			
			149, 157, 165			
		802.11ax (HE20)	36, 40, 48	BPSK	MCS0	NA
			52, 60, 64			
			100, 116, 140, 144			
			149, 157, 165			
		802.11ax (HE20) 26-tone RU	36, 40, 48	BPSK	MCS0	0, 0, 8
			52, 60, 64			0, 0, 8
			100, 116, 140, 144			0, 0, 8, 8
			149, 157, 165			0, 0, 8
		802.11ax (HE20) 52-tone RU	36, 40, 48	BPSK	MCS0	37, 37, 40
			52, 60, 64			37, 37, 40
			100, 116, 140, 144			37, 37, 40, 40
			149, 157, 165			37, 37, 40
		802.11ax (HE20) 106-tone RU	36, 40, 48	BPSK	MCS0	53, 53, 54
			52, 60, 64			53, 53, 54
			100, 116, 140, 144			53, 53, 54, 54
			149, 157, 165			53, 53, 54

Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter	RU/MRU Index
6 dB Bandwidth	-	802.11a	144	BPSK	6Mb/s	NA
			149, 157, 165			
		802.11ax (HE20)	144	BPSK	MCS0	NA
			149, 157, 165			
		802.11ax (HE20) 26-tone RU	144	BPSK	MCS0	8
			149, 157, 165			0, 0, 8
		802.11ax (HE20) 52-tone RU	144	BPSK	MCS0	40
			149, 157, 165			37, 37, 40
		802.11ax (HE20) 106-tone RU	144	BPSK	MCS0	54
			149, 157, 165			53, 53, 54
Occupied Bandwidth	-	802.11a	36, 40, 48	BPSK	6Mb/s	NA
			52, 60, 64			
			100, 116, 132, 140, 144			
			149, 157, 165			
		802.11ax (HE20)	36, 40, 48	BPSK	MCS0	NA
			52, 60, 64			
			100, 116, 132, 140, 144			
			149, 157, 165			
		802.11ax (HE20) 26-tone RU	36, 40, 48	BPSK	MCS0	0, 0, 8
			52, 60, 64			0, 0, 8
			100, 116, 132, 140, 144			0, 0, 0, 8, 8
			149, 157, 165			0, 0, 8
		802.11ax (HE20) 52-tone RU	36, 40, 48	BPSK	MCS0	37, 37, 40
			52, 60, 64			37, 37, 40
			100, 116, 132, 140, 144			37, 37, 37, 40, 40
			149, 157, 165			37, 37, 40
		802.11ax (HE20) 106-tone RU	36, 40, 48	BPSK	MCS0	53, 53, 54
			52, 60, 64			53, 53, 54
			100, 116, 132, 140, 144			53, 53, 53, 54, 54
			149, 157, 165			53, 53, 54

Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter	RU/MRU Index
Frequency Stability	-	802.11a	36	unmodulated	-	-
AC Power Conducted Emissions	A	802.11ax (HE20)	116	BPSK	MCS0	NA
Unwanted Emissions below 1 GHz	A, C	802.11ax (HE20)	116	BPSK	MCS0	NA
Unwanted Emissions above 1 GHz	B, C	802.11a	36, 40, 48	BPSK	6Mb/s	NA
			52, 60, 64			
			100, 116, 140, 144			
			149, 157, 165			
	B, C	802.11ax (HE20)	36, 40, 48	BPSK	MCS0	NA
			52, 60, 64			
			100, 116, 140, 144			
			149, 157, 165			
	B, C	802.11ax (HE20) 26-tone RU	36, 40, 48	BPSK	MCS0	0, 0, 8
			52, 60, 64			0, 0, 8
			100, 116, 140, 144			0, 0, 8, 8
			149, 157, 165			0, 0, 8
	B, C	802.11ax (HE20) 52-tone RU	36, 40, 48	BPSK	MCS0	37, 37, 40
			52, 60, 64			37, 37, 40
			100, 116, 140, 144			37, 37, 40, 40
			149, 157, 165			37, 37, 40
	B, C	802.11ax (HE20) 106-tone RU	36, 40, 48	BPSK	MCS0	53, 53, 54
			52, 60, 64			53, 53, 54
			100, 116, 140, 144			53, 53, 54, 54
			149, 157, 165			53, 53, 54
EUT Configure Mode:	A	external antenna(146153)				
	B	external antenna(AA258)				
	C	on board antenna				

3.5 Duty Cycle of Test Signal

802.11a: Duty cycle = 1.433 ms / 1.447 ms x 100% = 99.0%

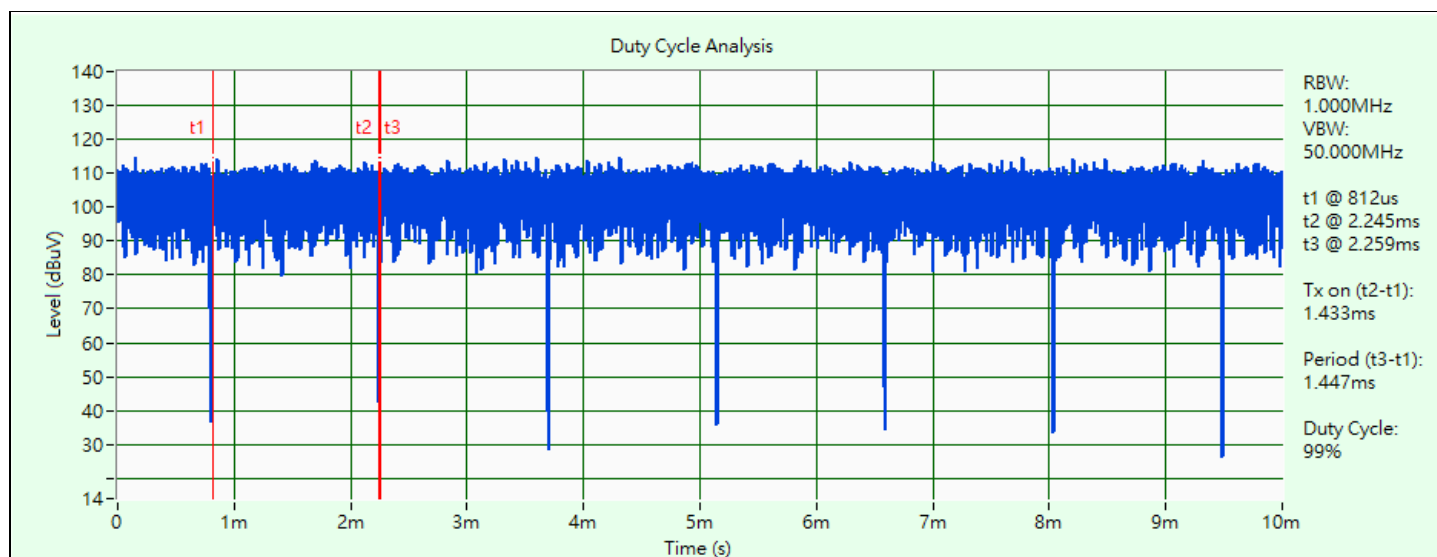
802.11ac (VHT20): Duty cycle = 1.349 ms / 1.363 ms x 100% = 99.0%

802.11ax (HE20): Duty cycle = 1.045 ms / 1.06 ms x 100% = 98.6%

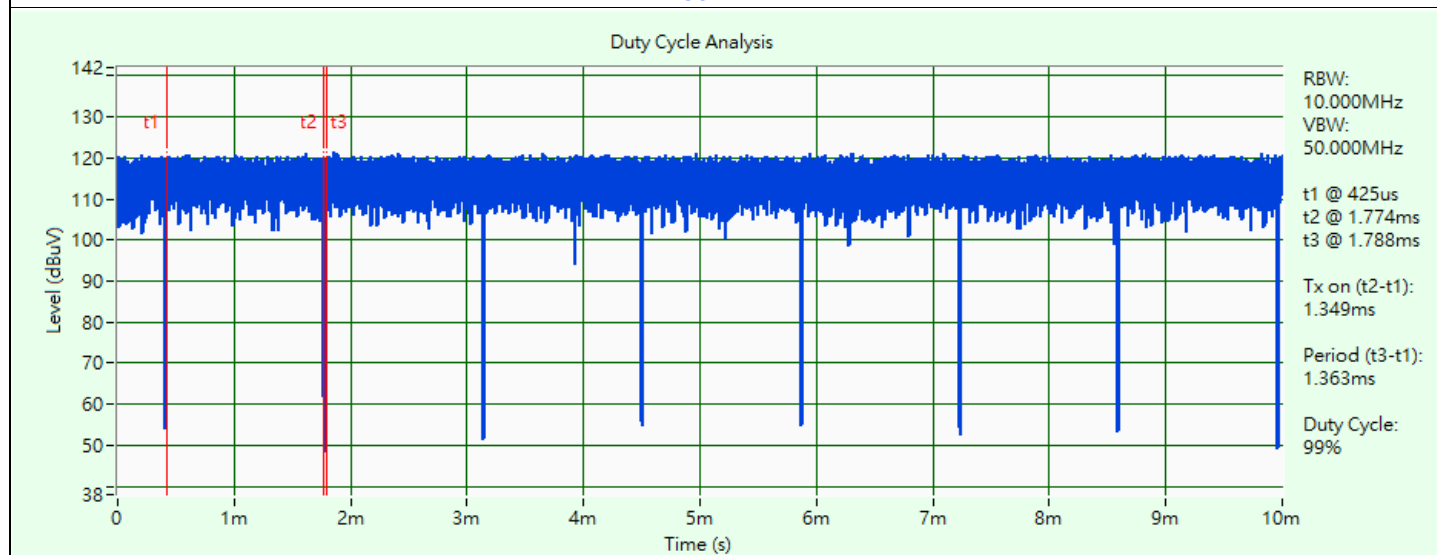
802.11ax (HE20) 26-tone RU: Duty cycle = 96.705 ms / 100 ms x 100% = 96.7%, duty factor = $10 * \log(1/\text{Duty cycle}) = 0.15 \text{ dB}$

802.11ax (HE20) 52-tone RU: Duty cycle = 97.325 ms / 100 ms x 100% = 97.3%, duty factor = $10 * \log(1/\text{Duty cycle}) = 0.12 \text{ dB}$

802.11ax (HE20) 106-tone RU: Duty cycle = 96.845 ms / 100 ms x 100% = 96.8%, duty factor = $10 * \log(1/\text{Duty cycle}) = 0.14 \text{ dB}$

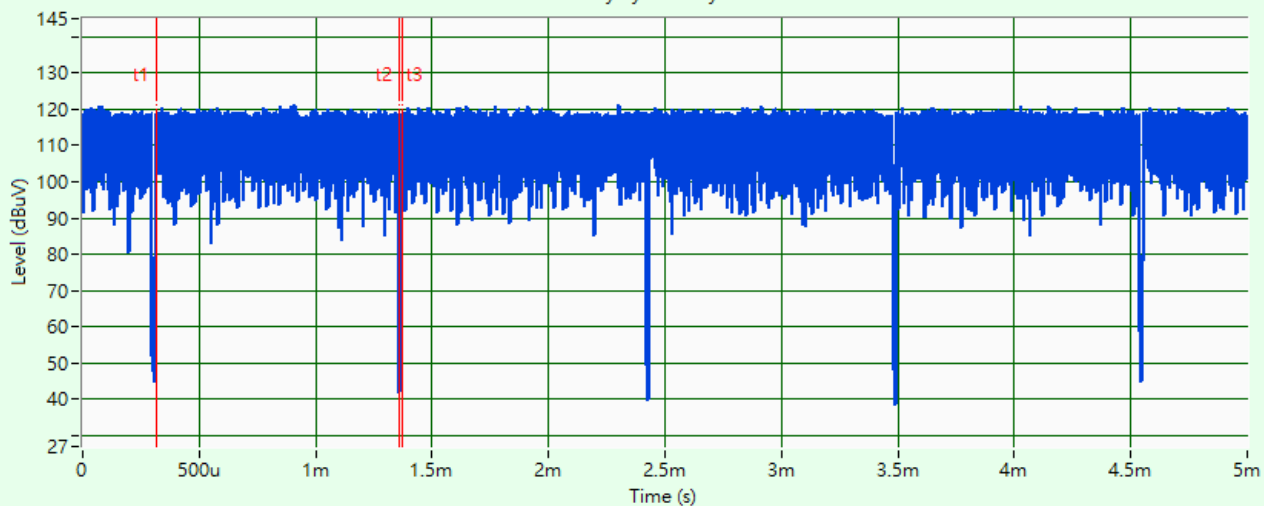


802.11a



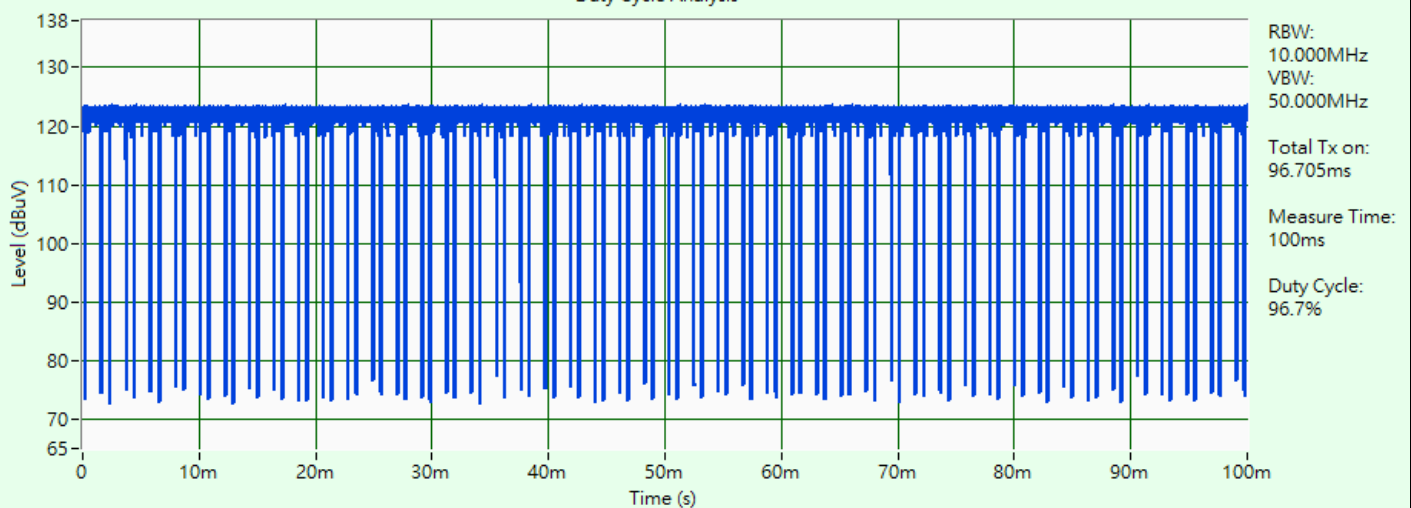
802.11ac (VHT20)

Duty Cycle Analysis



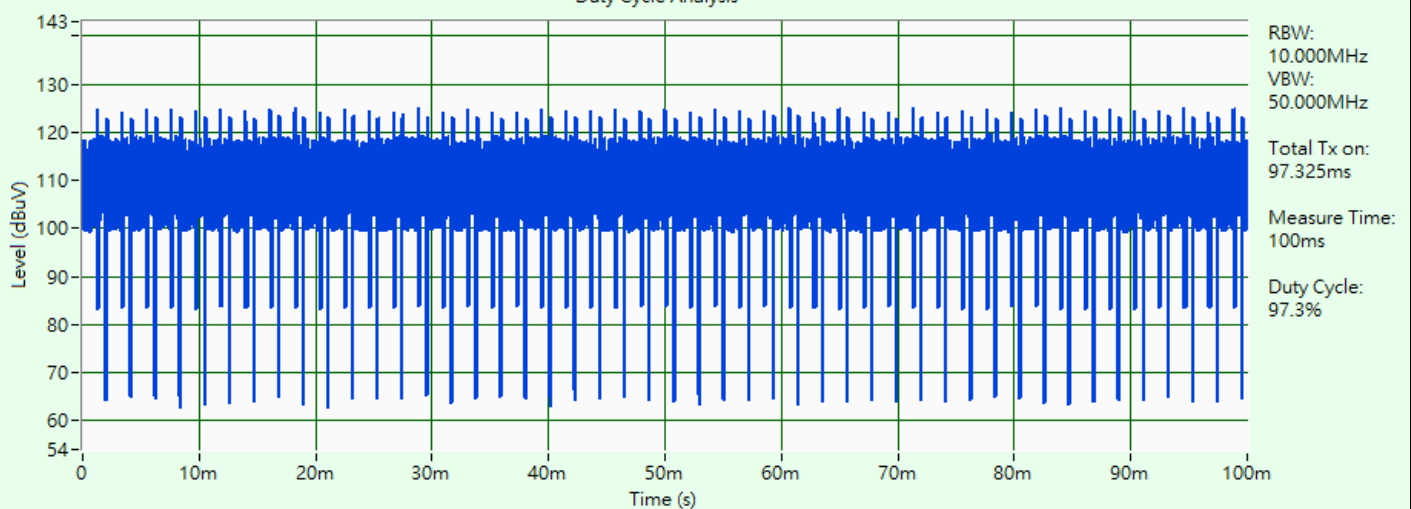
802.11ax (HE20)

Duty Cycle Analysis

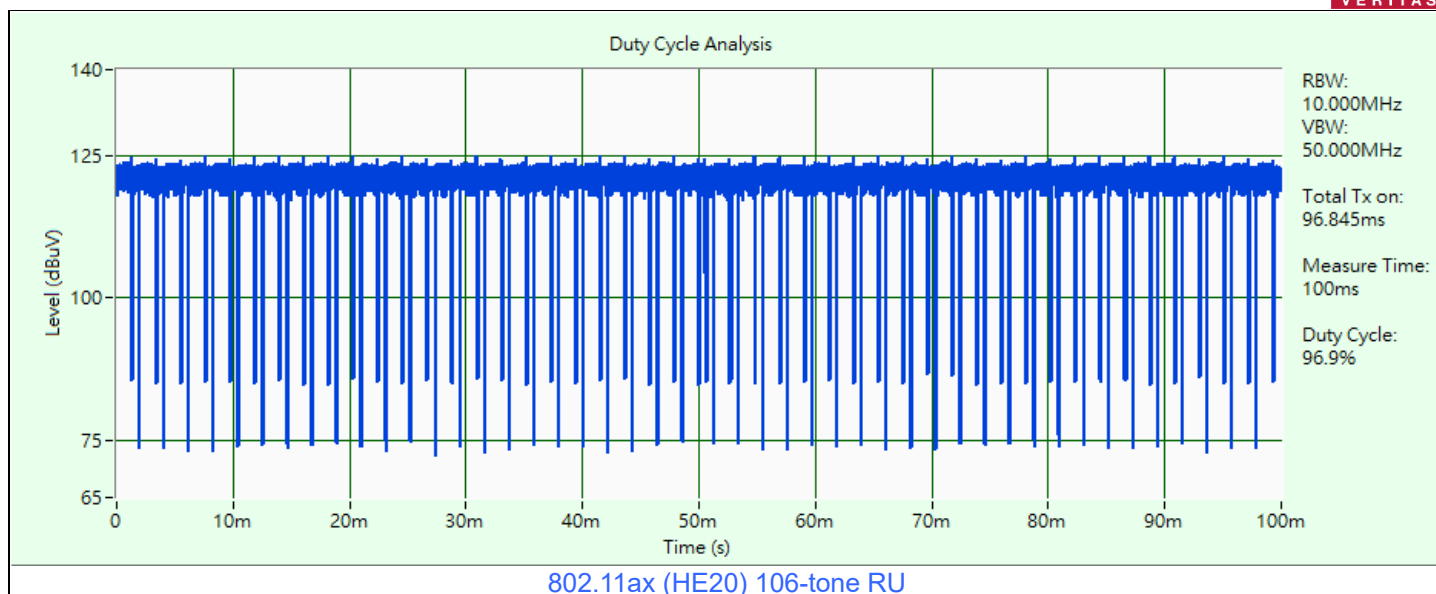


802.11ax (HE20) 26-tone RU

Duty Cycle Analysis



802.11ax (HE20) 52-tone RU



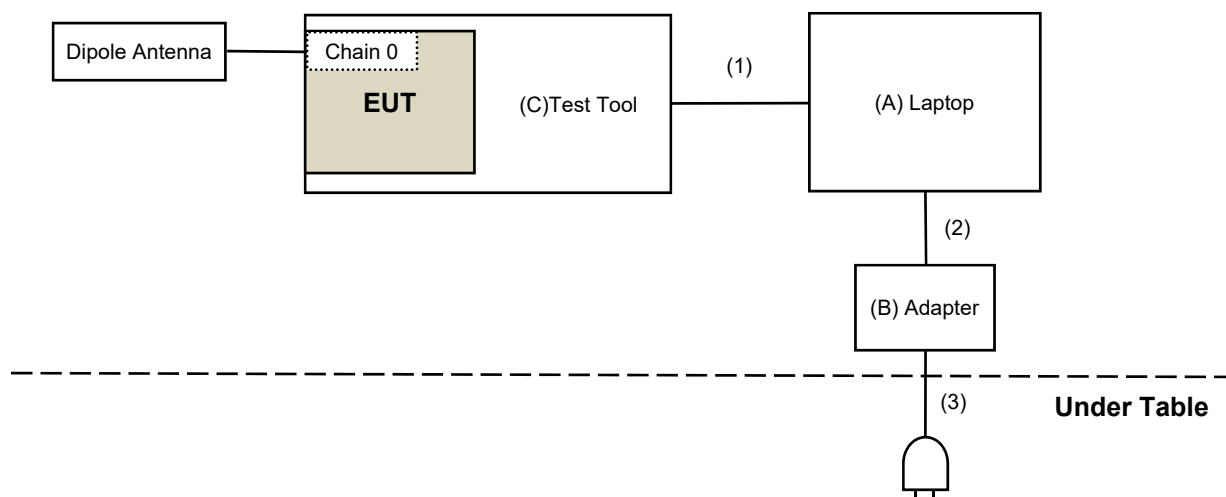
3.6 Test Program Used and Operation Descriptions

Controlling software (DutApiSisoApApp_RW610.exe 1.0.0.12) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices

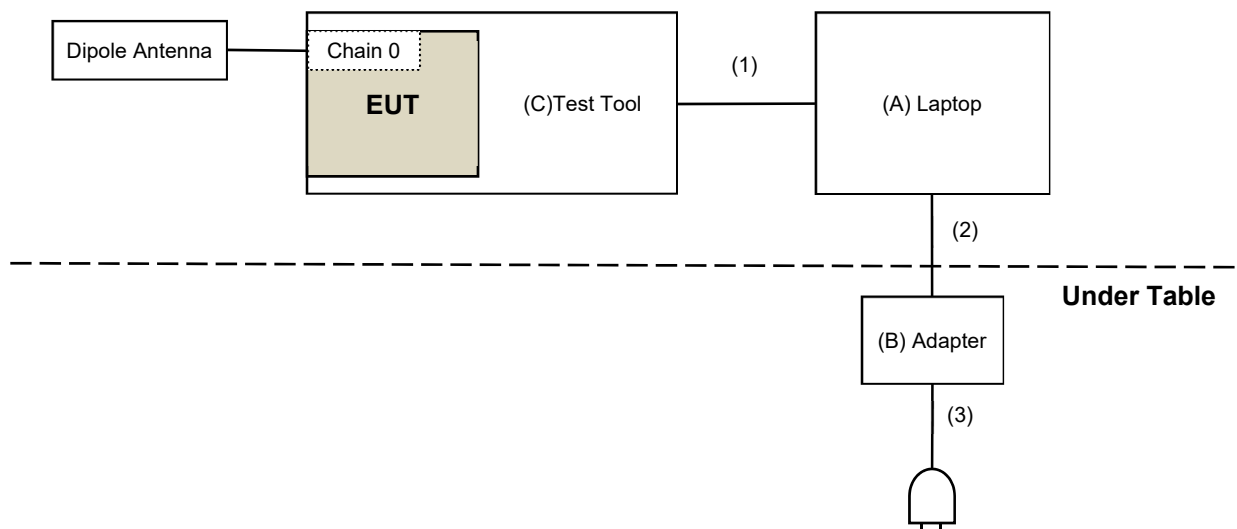
For AC Power Conducted Emission Test

Mode A

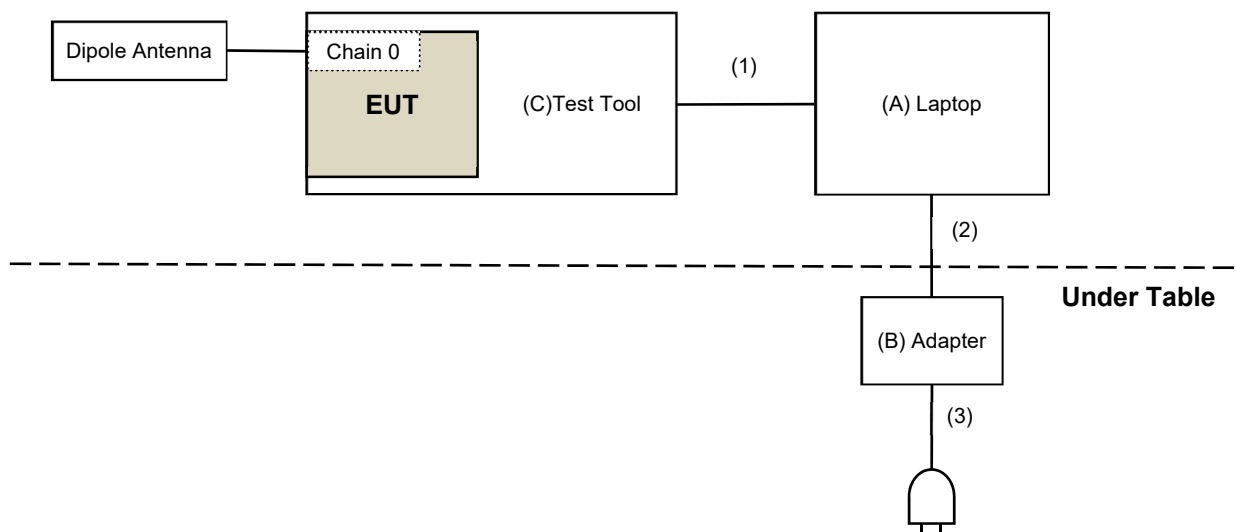


For Unwanted Emissions test

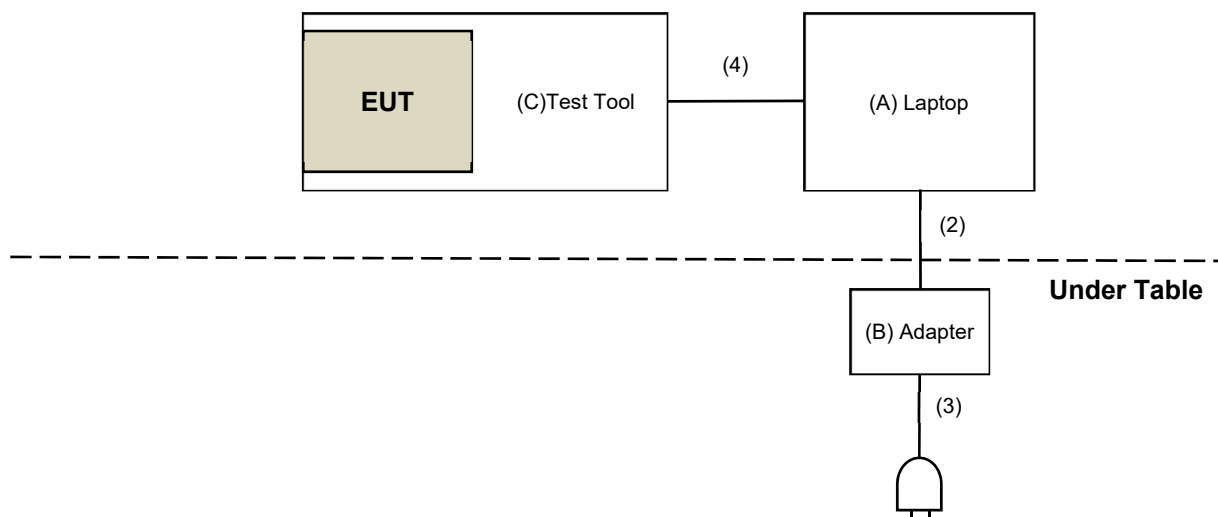
Mode A



Mode B



Mode C



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	Lenovo	20U5S01X00 L14	PF-1ANPYA	N/A	Provided by Lab
B	Adapter	Lenovo	ADLX45YLC3D	N/A	N/A	Provided by Lab
C	Test Tool	Silex Technology	N/A	N/A	N/A	Supplied by applicant

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	USB Cable	1	1	Yes	0	Supplied by applicant
2	DC Cable	1	1.8	No	0	Provided by Lab
3	AC Cable	1	1	No	0	Provided by Lab
4	Data Cable	1	0.35	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
MXA Signal Analyzer Keysight	N9020B	MY60112409	2023/2/18	2024/2/17
Software	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2024/2/17

4.2 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
MXA Signal Analyzer Keysight	N9020B	MY60112409	2023/2/18	2024/2/17
Power Meter Anritsu	ML2495A	1529002	2023/6/17	2024/6/16
Pulse Power Sensor Anritsu	MA2411B	1726434	2023/6/19	2024/6/18
Software	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2024/2/17

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
DC Power Supply Topward	6603D	795558	N/A	N/A
MXA Signal Analyzer Keysight	N9020B	MY60112409	2023/2/18	2024/2/17
Software	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	2022/12/26 2023/12/20	2023/12/25 2024/12/19
True RMS Clamp Meter FLUKE	325	31130711WS	2023/6/8	2024/6/7

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2024/2/17

4.7 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance Telegartner	50 ohm	3	2023/10/20	2024/10/19
EMI Test Receiver R&S	ESCS 30	847124/029	2023/10/18	2024/10/17
Fixed Attenuator STI	STI02-2200-10	005	2023/7/1	2024/6/30
LISN R&S	ESH3-Z5	835239/001	2023/4/6	2024/4/5
		848773/004	2023/10/13	2024/10/12
RF Coaxial Cable JYEBAO	5D-FB	COCCAB-001	2023/7/1	2024/6/30
Software BVADT	BVADT_Cond_V7.3.7.4	N/A	N/A	N/A

Notes:

1. The test was performed in Conduction 1
2. Tested Date: 2024/1/27

4.8 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-361	2023/10/13	2024/10/12
Fix tool for Boresight antenna tower BV	FBA-01	FBA_SIP01	N/A	N/A
Fixed Attenuator Mini-Circuits	UNAT-5+	PAD-3m-3-01	2023/9/7	2024/9/6
Loop Antenna Electro-Metrics	EM-6879	264	2023/2/21	2024/2/20
MXE EMI Receiver Agilent	N9038A	MY50010156	2023/6/13	2024/6/12
Preamplifier EMCI	EMC330N	980852	2023/2/20	2024/2/19
	EMC001340	980142	2023/5/8	2024/5/7
RF Coaxial Cable JYEBAO	5D-FB	LOOPCAB-001	2023/12/12	2024/12/11
		LOOPCAB-002	2023/12/12	2024/12/11
RF Coaxial Cable PEWC	8D	001	2023/2/17	2024/2/16
		966-3-2	2023/2/17	2024/2/16
		966-3-3	2023/2/17	2024/2/16
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in 966 Chamber No. 3.
2. Tested Date: 2024/1/25

4.9 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	N/A	N/A
Fix tool for Boresight antenna tower BV	FBA-01	FBA_SIP01	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-406	2023/11/12	2024/11/11
	BBHA 9170	9170-739	2023/11/12	2024/11/11
MXE EMI Receiver Agilent	N9038A	MY50010156	2023/6/13	2024/6/12
Preamplifier EMCI	EMC12630SE	980384	2023/8/9 2024/1/29	2024/8/8 2025/1/28
	EMC184045SE	980387	2023/8/9	2024/8/8
PXA Signal Analyzer Keysight	N9030B	MY57142938	2023/4/6	2024/4/5
RF Coaxial Cable EMCI	EMC102-KM-KM-1200	160924	2023/8/9 2024/1/29	2024/8/8 2025/1/28
	EMC102-KM-KM-4000	200214	2023/2/20 2024/1/29	2024/2/19 2025/1/28
	EMC104-SM-SM-1500	180504	2023/3/27 2024/1/29	2024/3/26 2025/1/28
	EMC104-SM-SM-2000	180601	2023/6/2 2024/1/29	2024/6/1 2025/1/28
	EMC104-SM-SM-6000	210201	2023/5/8 2024/1/29	2024/5/7 2025/1/28
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in 966 Chamber No. 3.
2. Tested Date: 2024/1/16 ~ 2024/2/17

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 $\leq$ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
	Fixed point-to-point Access Point	1 Watt (30 dBm)
	Indoor Access Point	1 Watt (30 dBm)
	Mobile and Portable client device	250mW (24 dBm)

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

*B is the 26 dB emission bandwidth in megahertz

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

Applicable To	Limit	
789033 D02 General UNII Test Procedure New Rules v02r01	Field Strength at 3 m	
	PK: 74 (dB μ V/m)	AV: 54 (dB μ V/m)

For transmitters operating in the 5.15-5.25 GHz band:

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

For transmitters operating in the 5.25-5.35 GHz band:

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

For transmitters operating in the 5.47-5.725 GHz band:

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

For transmitters operating in the 5.725-5.850 GHz band:

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

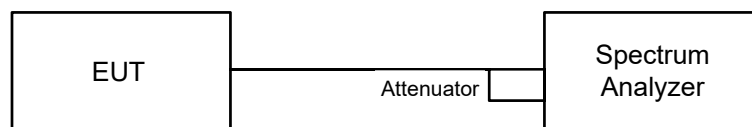
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

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

6 Test Arrangements

6.1 26 dB Bandwidth

6.1.1 Test Setup

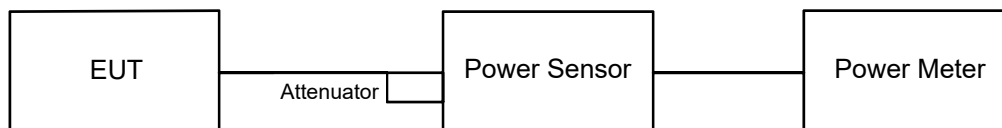


6.1.2 Test Procedure

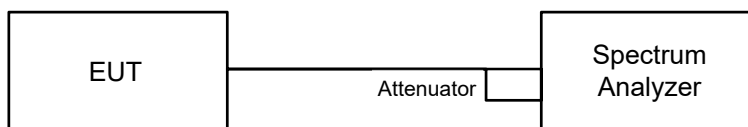
- Set RBW = approximately 1% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement 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

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to "free run".
- Trace average at least 100 traces in power averaging mode.
- 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.

For channel straddling:

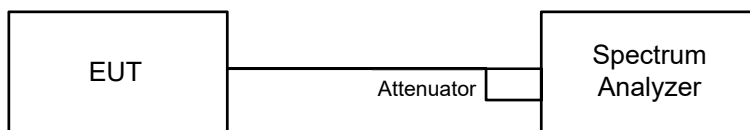
Method SA-2

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.) Sweep time = auto, trigger set to "free run".
- Trace average at least 100 traces in power averaging mode.
- Use the peak search function on the instrument to find the peak of the spectrum and record its value.
- Record the max value and add 10 log (1/duty cycle).

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

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to "free run".
- Trace average at least 100 traces in power averaging mode.
- Record the max value

For specified measurement bandwidth 1 MHz:

Method SA-2

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to "free run".
- Trace average at least 100 traces in power averaging mode.
- Use the peak search function on the instrument to find the peak of the spectrum and record its value.
- Record the max value and add $10 \log (1/\text{duty cycle})$.

For specified measurement bandwidth 500 kHz:

Method SA-1

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 300 kHz, Set VBW $\geq$ 1 MHz, Detector = RMS
- 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 $\text{BWCF} = 10\log(500 \text{ kHz}/300 \text{ kHz})$
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to "free run".
- Trace average at least 100 traces in power averaging mode.
- Record the max value

For specified measurement bandwidth 500 kHz:

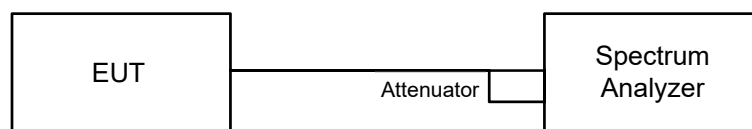
Method SA-2

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 300 kHz, Set VBW $\geq$ 1 MHz, Detector = RMS
- 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 $\text{BWCF} = 10\log(500 \text{ kHz}/300 \text{ kHz})$
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to "free run".

- f. Trace average at least 100 traces in power averaging mode.
- g. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
- h. Record the max value and add $10 \log (1/\text{duty cycle})$.

6.4 6 dB Bandwidth

6.4.1 Test Setup

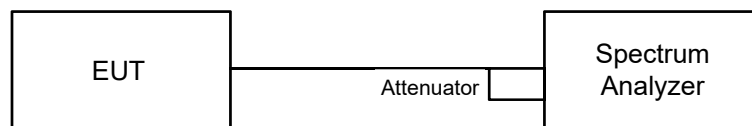


6.4.2 Test Procedure

- a. Set resolution bandwidth (RBW) = 100 kHz.
- b. Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$, 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

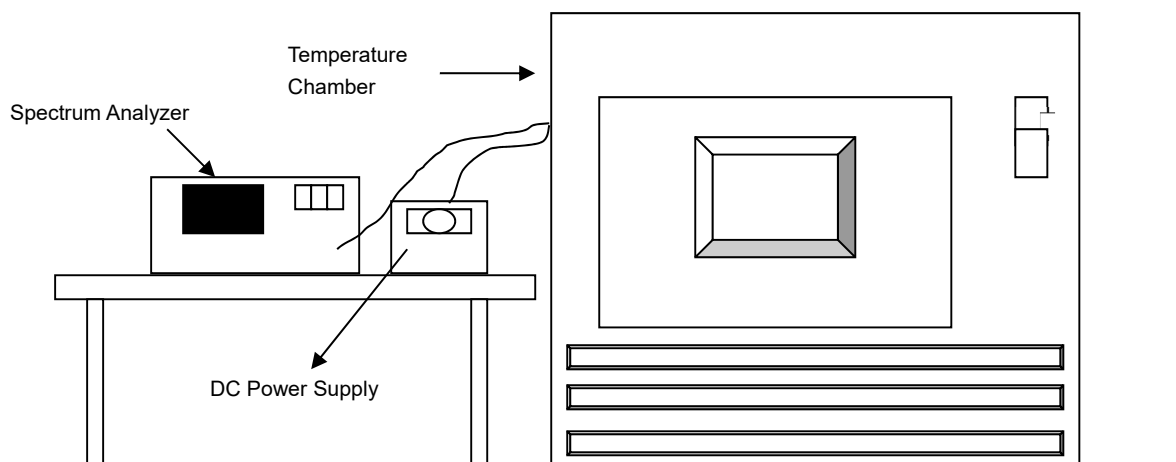


6.5.2 Test Procedure

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

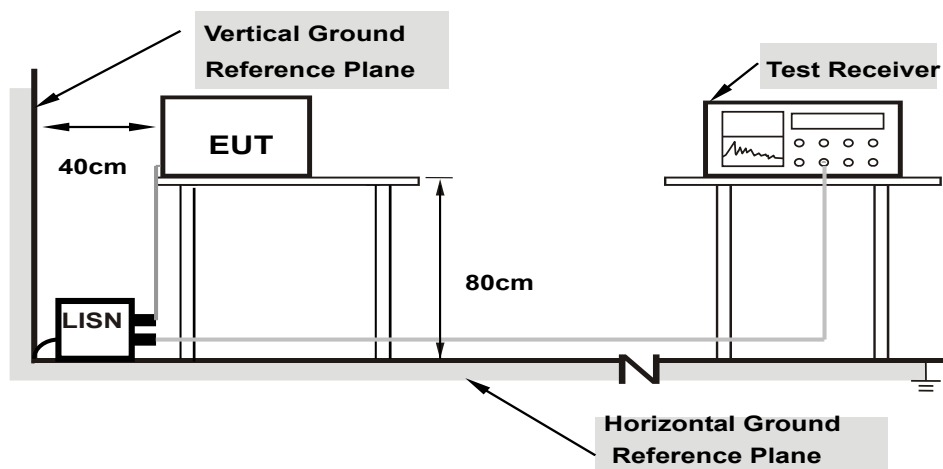


6.6.2 Test Procedure

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

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

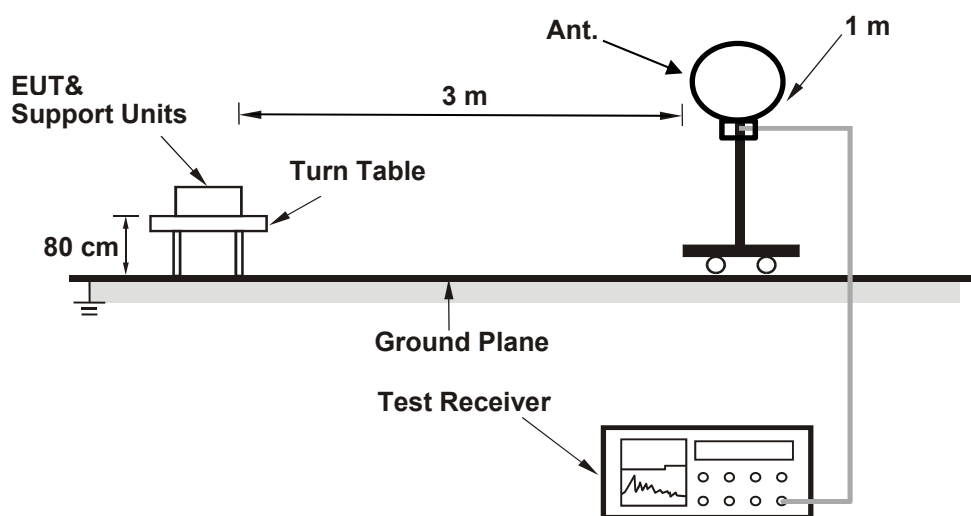
- The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The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

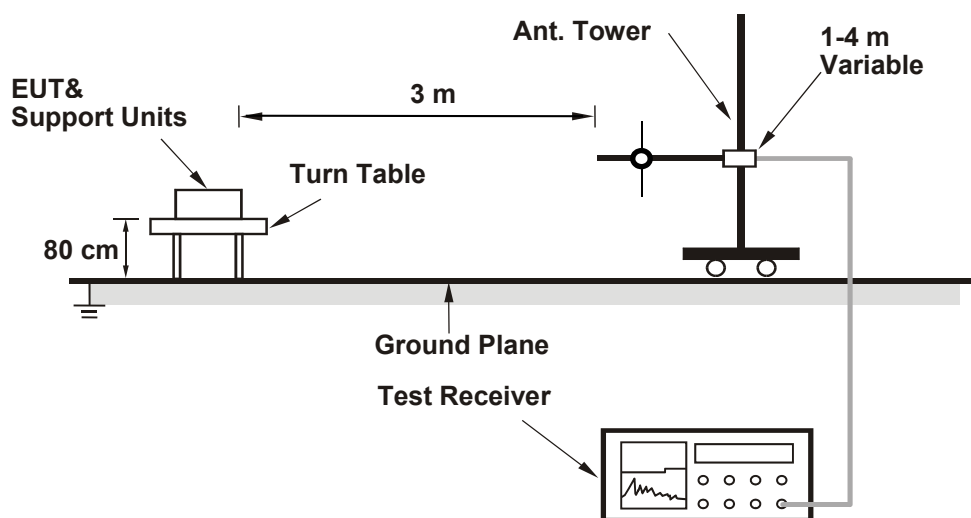
6.8 Unwanted Emissions below 1 GHz

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

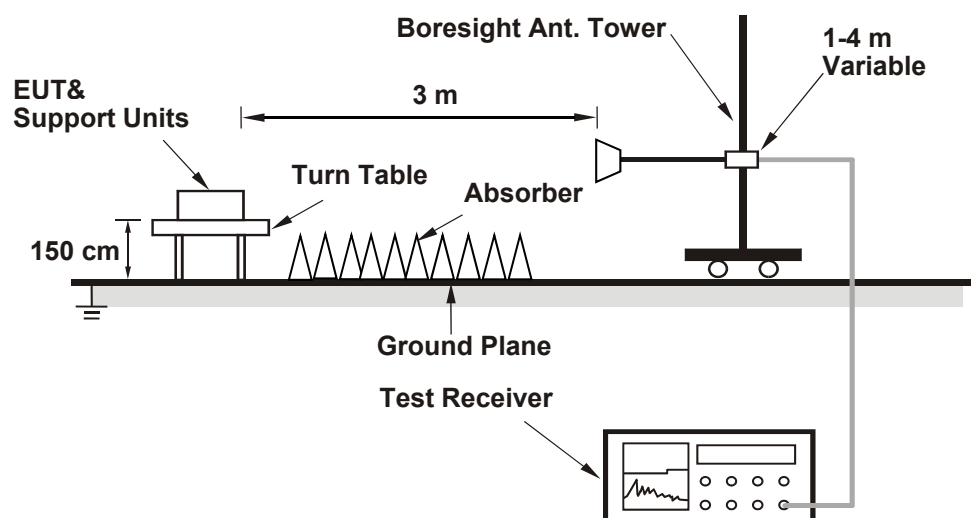
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the 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 the actual test configuration, please refer to the attached file (Test Setup Photo).

6.9.2 Test Procedure

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

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

7 Test Results of Test Item

7.1 26 dB Bandwidth

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 72% RH	Tested By:	Louis Yang

802.11a

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
52	5260	20.18
60	5300	19.94
64	5320	20.27
100	5500	19.95
116	5580	19.77
140	5700	19.99
144 (U-NII-2C)	5720	15.32
144 (U-NII-3)	5720	5.23

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	20.18	24.04 > 24
60	5300	19.94	23.99 < 24
64	5320	20.27	24.06 > 24
100	5500	19.95	23.99 < 24
116	5580	19.77	23.96 < 24
140	5700	19.99	24 = 24
144 (U-NII-2C)	5720	15.32	22.85 < 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)
52	5260	20.52
60	5300	20.41
64	5320	20.43
100	5500	20.54
116	5580	20.5
140	5700	20.63
144 (U-NII-2C)	5720	15.36
144 (U-NII-3)	5720	5.3

Determined Output Power Limit				
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)	
52	5260	20.52	24.12	> 24
60	5300	20.41	24.09	> 24
64	5320	20.43	24.1	> 24
100	5500	20.54	24.12	> 24
116	5580	20.50	24.11	> 24
140	5700	20.63	24.14	> 24
144 (U-NII-2C)	5720	15.36	22.86	< 24

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

802.11ax (HE20) 26-tone RU

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
52	5260	19.26
60	5300	19.24
64	5320	19.31
100	5500	19.24
116	5580	19.12
140	5700	19.29
144 (U-NII-2C)	5720	14.16
144 (U-NII-3)	5720	5.16

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	19.24	23.84	<	24
64	5320	19.31	23.85	<	24
100	5500	19.24	23.84	<	24
116	5580	19.12	23.81	<	24
140	5700	19.29	23.85	<	24
144 (U-NII-2C)	5720	14.16	22.51	<	24

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

802.11ax (HE20) 52-tone RU

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
52	5260	19.04
60	5300	19.03
64	5320	19.28
100	5500	19.03
116	5580	19.04
140	5700	19.24
144 (U-NII-2C)	5720	14.16
144 (U-NII-3)	5720	5.07

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	19.04	23.79	<	24
60	5300	19.03	23.79	<	24
64	5320	19.28	23.85	<	24
100	5500	19.03	23.79	<	24
116	5580	19.04	23.79	<	24
140	5700	19.24	23.84	<	24
144 (U-NII-2C)	5720	14.16	22.51	<	24

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

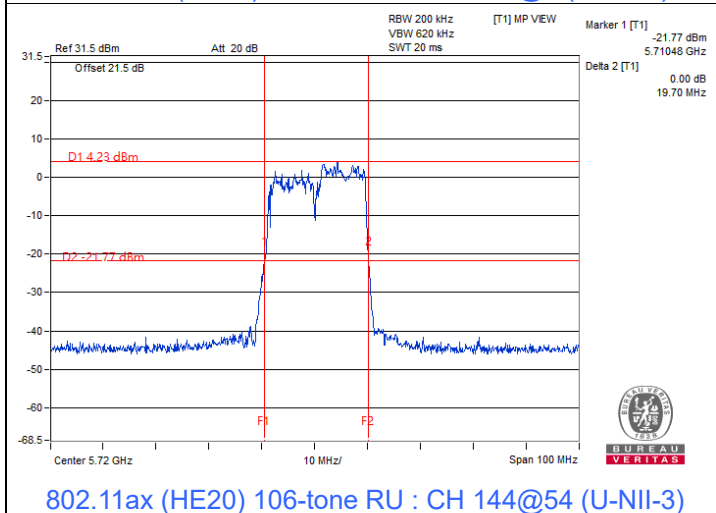
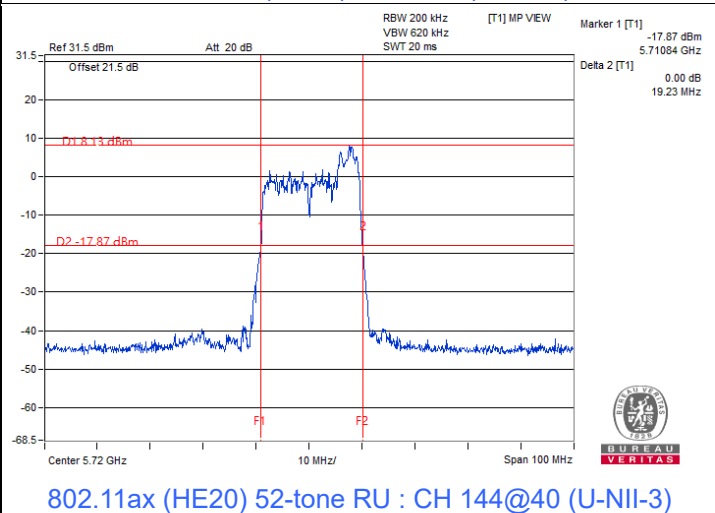
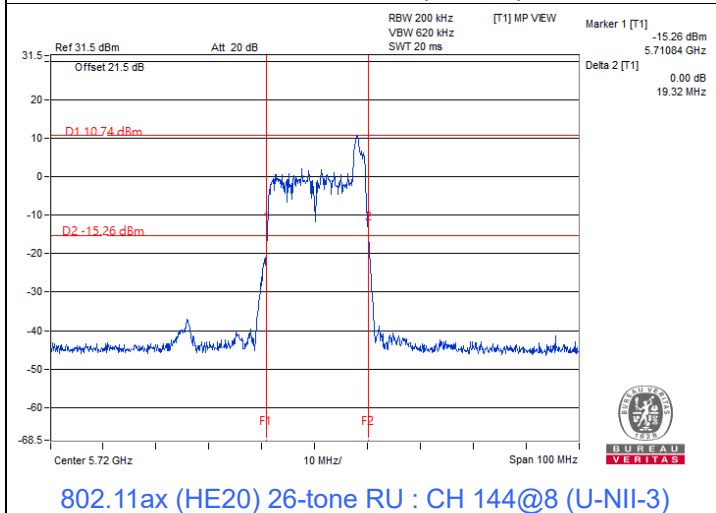
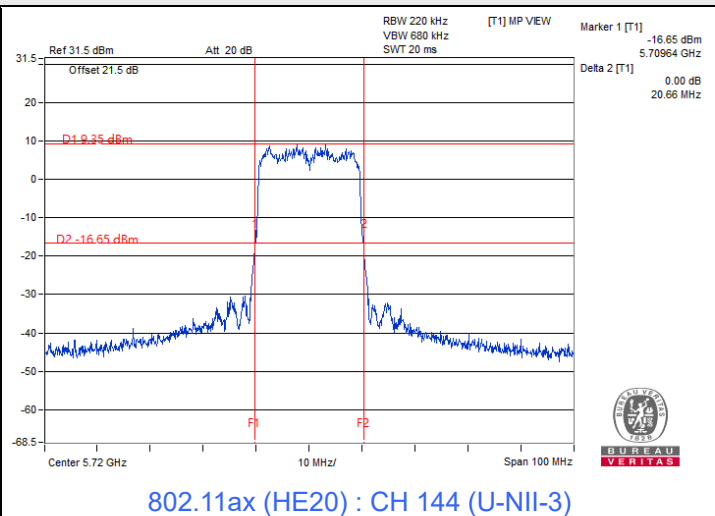
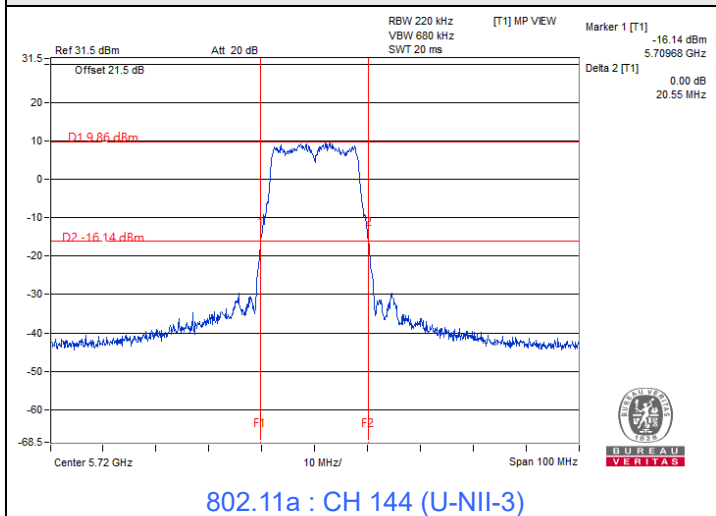
802.11ax (HE20) 106-tone RU

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
52	5260	19.12
60	5300	19.21
64	5320	19.66
100	5500	19.18
116	5580	19.16
140	5700	19.62
144 (U-NII-2C)	5720	14.52
144 (U-NII-3)	5720	5.18

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	19.12	23.81	<	24
60	5300	19.21	23.83	<	24
64	5320	19.66	23.93	<	24
100	5500	19.18	23.82	<	24
116	5580	19.16	23.82	<	24
140	5700	19.62	23.92	<	24
144 (U-NII-2C)	5720	14.52	22.61	<	24

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

Spectrum Plot of Minimum Value



Notes:

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

7.2 RF Output Power

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 72% RH	Tested By:	Louis Yang

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
36	5180	33.806	15.29	24	Pass
40	5200	47.424	16.76	24	Pass
48	5240	46.132	16.64	24	Pass
52	5260	47.863	16.80	24	Pass
60	5300	45.92	16.62	23.99	Pass
64	5320	47.098	16.73	24	Pass
100	5500	47.315	16.75	23.99	Pass
116	5580	47.206	16.74	23.96	Pass
140	5700	46.881	16.71	24	Pass
*144 (U-NII-2C)	5720	38.282	15.83	22.99	Pass
*144 (U-NII-3)	5720	9.078	9.58	30	Pass
149	5745	45.92	16.62	30	Pass
157	5785	48.529	16.86	30	Pass
165	5825	47.973	16.81	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- For U-NII-1, the antenna gain is 3.22 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 3.91 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.28 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 3.92 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	28.907	14.61	24	Pass
40	5200	47.424	16.76	24	Pass
48	5240	46.238	16.65	24	Pass
52	5260	46.881	16.71	24	Pass
60	5300	47.643	16.78	24	Pass
64	5320	47.534	16.77	24	Pass
100	5500	47.315	16.75	24	Pass
116	5580	46.989	16.72	24	Pass
140	5700	46.881	16.71	24	Pass
*144 (U-NII-2C)	5720	35.237	15.47	24	Pass
*144 (U-NII-3)	5720	9.931	9.97	30	Pass
149	5745	46.774	16.70	30	Pass
157	5785	46.989	16.72	30	Pass
165	5825	47.534	16.77	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- For U-NII-1, the antenna gain is 3.22 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 3.91 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.28 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 3.92 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	29.923	14.76	24	Pass
40	5200	47.753	16.79	24	Pass
48	5240	47.643	16.78	24	Pass
52	5260	47.315	16.75	24	Pass
60	5300	47.863	16.80	24	Pass
64	5320	47.973	16.81	24	Pass
100	5500	47.534	16.77	24	Pass
116	5580	47.753	16.79	24	Pass
140	5700	47.098	16.73	24	Pass
*144 (U-NII-2C)	5720	35.645	15.52	22.82	Pass
*144 (U-NII-3)	5720	10.641	10.27	30	Pass
149	5745	47.753	16.79	30	Pass
157	5785	47.315	16.75	30	Pass
165	5825	47.973	16.81	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- For U-NII-1, the antenna gain is 3.22 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 3.91 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.28 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 3.92 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
36	5180	10.495	10.21	24	Pass
40	5200	10.666	10.28	24	Pass
48	5240	10.814	10.34	24	Pass
52	5260	10.52	10.22	23.84	Pass
60	5300	10.94	10.39	23.84	Pass
64	5320	11.22	10.50	23.85	Pass
100	5500	10.99	10.41	23.84	Pass
116	5580	10.864	10.36	23.81	Pass
140	5700	11.194	10.49	23.85	Pass
*144 (U-NII-2C)	5720	0.3236	-4.90	22.5	Pass
*144 (U-NII-3)	5720	9.931	9.97	30	Pass
149	5745	10.568	10.24	30	Pass
157	5785	10.789	10.33	30	Pass
165	5825	10.94	10.39	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- For U-NII-1, the antenna gain is 3.22 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 3.91 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.28 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 3.92 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
36	5180	10.666	10.28	24	Pass
40	5200	10.839	10.35	24	Pass
48	5240	10.789	10.33	24	Pass
52	5260	10.765	10.32	23.79	Pass
60	5300	10.889	10.37	23.79	Pass
64	5320	11.169	10.48	23.85	Pass
100	5500	11.117	10.46	23.79	Pass
116	5580	11.092	10.45	23.79	Pass
140	5700	10.864	10.36	23.84	Pass
*144 (U-NII-2C)	5720	0.3436	-4.64	22.53	Pass
*144 (U-NII-3)	5720	10.069	10.03	30	Pass
149	5745	10.447	10.19	30	Pass
157	5785	10.544	10.23	30	Pass
165	5825	10.495	10.21	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- For U-NII-1, the antenna gain is 3.22 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 3.91 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.28 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 3.92 dBi < 6 dBi, so the output power limit shall not be reduced.

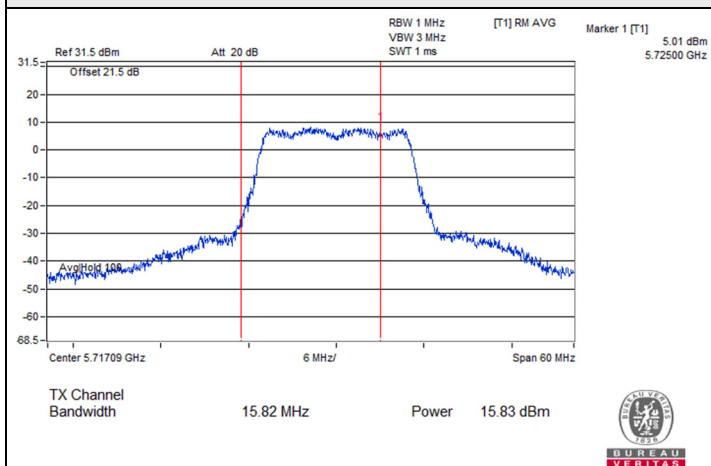
802.11ax (HE20) 106-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
36	5180	10.351	10.15	24	Pass
40	5200	10.715	10.30	24	Pass
48	5240	10.399	10.17	24	Pass
52	5260	11.22	10.50	23.81	Pass
60	5300	10.789	10.33	23.83	Pass
64	5320	11.117	10.46	23.93	Pass
100	5500	10.715	10.30	23.82	Pass
116	5580	10.839	10.35	23.82	Pass
140	5700	11.092	10.45	23.92	Pass
*144 (U-NII-2C)	5720	5.047	7.03	22.64	Pass
*144 (U-NII-3)	5720	5.152	7.12	30	Pass
149	5745	10.328	10.14	30	Pass
157	5785	10.304	10.13	30	Pass
165	5825	10.447	10.19	30	Pass

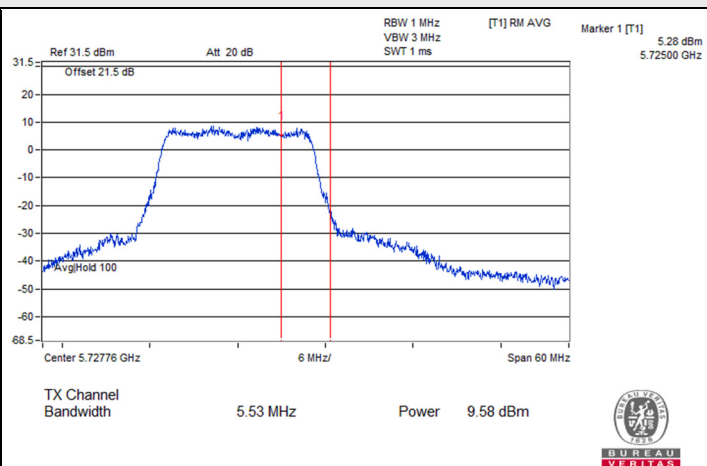
Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- For U-NII-1, the antenna gain is 3.22 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 3.91 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.28 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 3.92 dBi < 6 dBi, so the output power limit shall not be reduced.

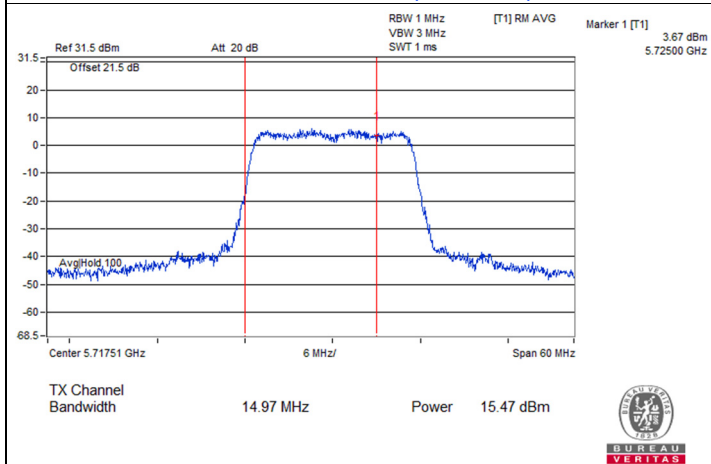
Spectrum Plot for channel straddling



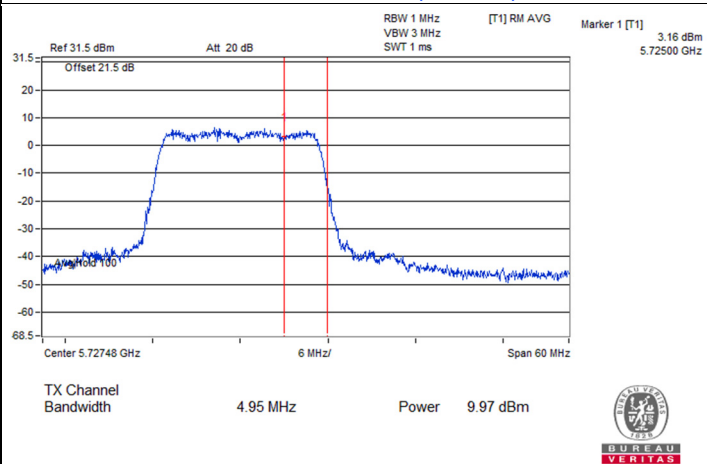
802.11a : CH 144 (U-NII-2C)



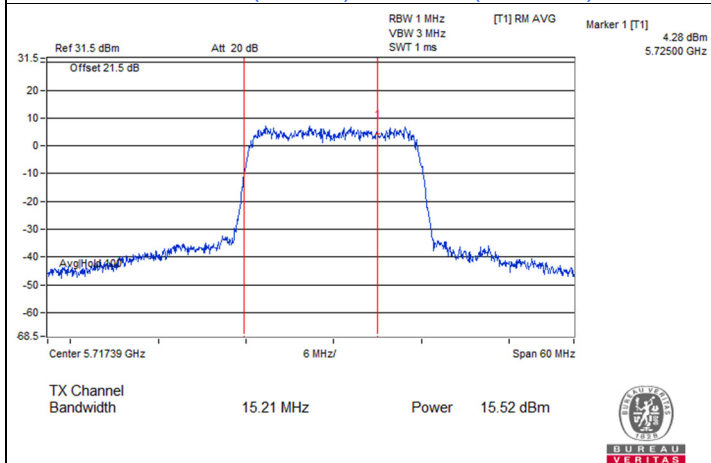
802.11a : CH 144 (U-NII-3)



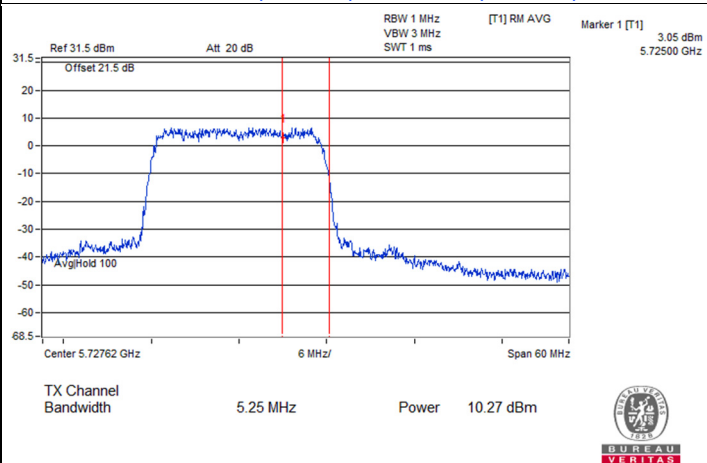
802.11ac (VHT20) : CH 144 (U-NII-2C)



802.11ac (VHT20) : CH 144 (U-NII-3)

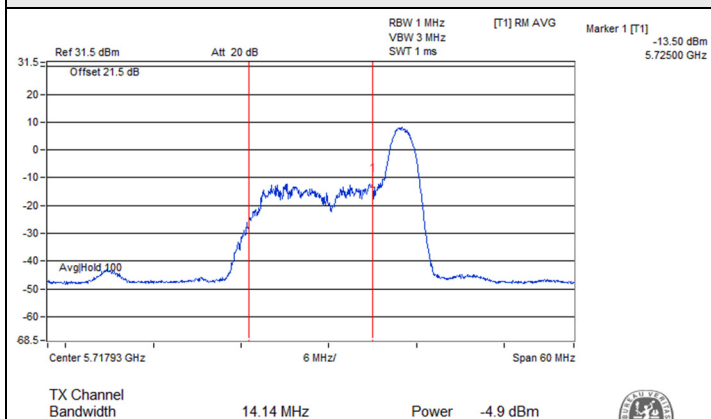


802.11ax (HE20) : CH 144 (U-NII-2C)

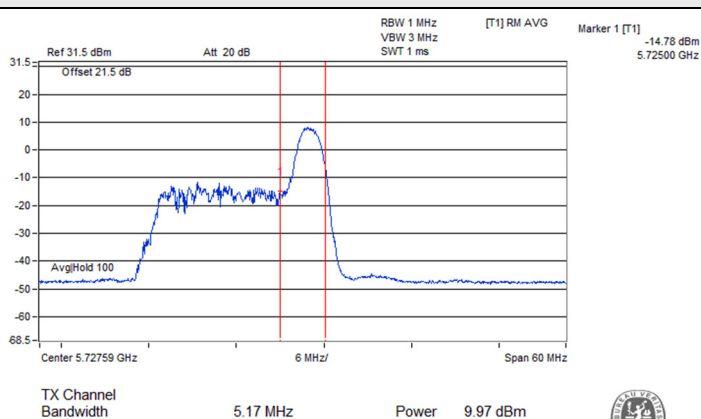


802.11ax (HE20) : CH 144 (U-NII-3)

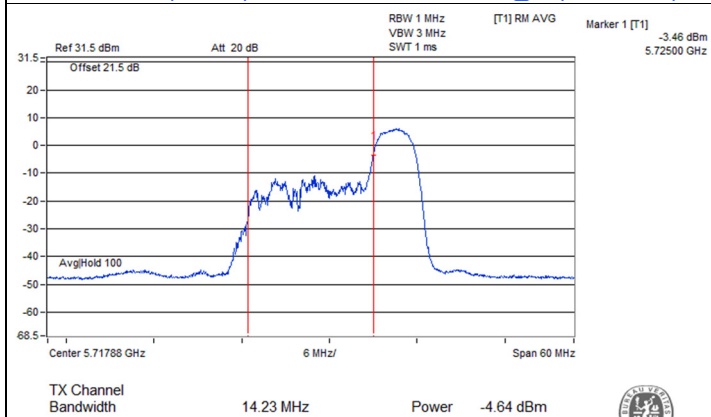
Spectrum Plot for channel straddling



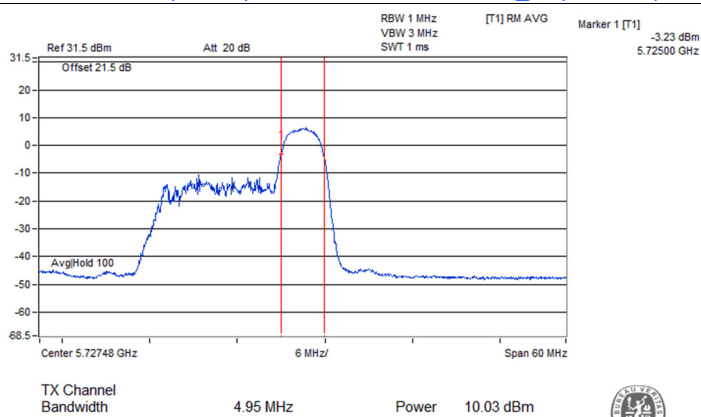
802.11ax (HE20) 26-tone RU : CH 144@8 (U-NII-2C)



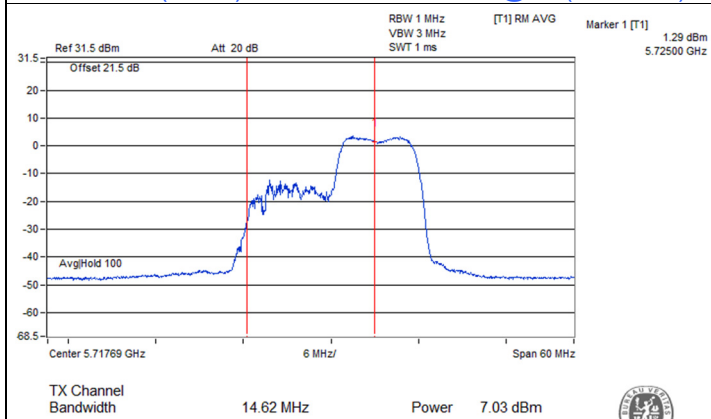
802.11ax (HE20) 26-tone RU : CH 144@8 (U-NII-3)



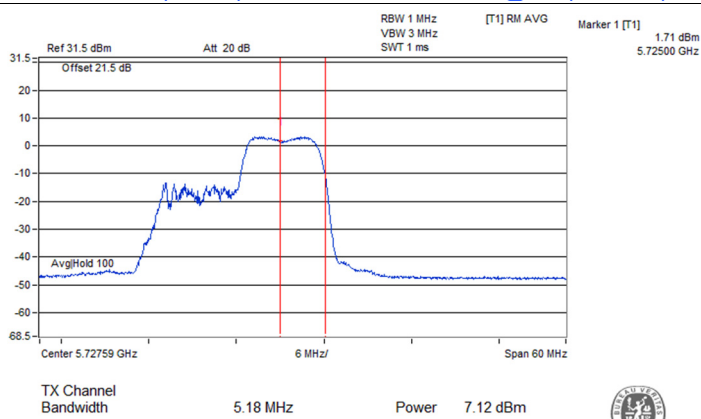
802.11ax (HE20) 52-tone RU : CH 144@40 (U-NII-2C)



802.11ax (HE20) 52-tone RU : CH 144@40 (U-NII-3)



802.11ax (HE20) 106-tone RU : CH 144@54 (U-NII-2C)



802.11ax (HE20) 106-tone RU : CH 144@54 (U-NII-3)

7.3 Power Spectral Density

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 72% RH	Tested By:	Louis Yang

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	3.26	11	Pass
40	5200	4.20	11	Pass
48	5240	4.94	11	Pass
52	5260	4.42	11	Pass
60	5300	3.93	11	Pass
64	5320	3.70	11	Pass
100	5500	3.84	11	Pass
116	5580	3.60	11	Pass
140	5700	5.17	11	Pass
144 (U-NII-2C)	5720	4.94	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 3.22 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 3.91 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.28 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	2.70	11	Pass
40	5200	3.52	11	Pass
48	5240	3.22	11	Pass
52	5260	4.19	11	Pass
60	5300	3.75	11	Pass
64	5320	3.50	11	Pass
100	5500	3.57	11	Pass
116	5580	3.27	11	Pass
140	5700	4.83	11	Pass
144 (U-NII-2C)	5720	4.63	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 3.22 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 3.91 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.28 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	2.46	11	Pass
40	5200	3.49	11	Pass
48	5240	3.15	11	Pass
52	5260	4.03	11	Pass
60	5300	3.55	11	Pass
64	5320	3.35	11	Pass
100	5500	3.44	11	Pass
116	5580	3.14	11	Pass
140	5700	4.67	11	Pass
144 (U-NII-2C)	5720	4.58	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 3.22 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 3.91 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.28 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	5.42	0.15	5.57	11	Pass
40	5200	5.43	0.15	5.58	11	Pass
48	5240	5.21	0.15	5.36	11	Pass
52	5260	5.35	0.15	5.50	11	Pass
60	5300	5.39	0.15	5.54	11	Pass
64	5320	5.54	0.15	5.69	11	Pass
100	5500	6.35	0.15	6.50	11	Pass
116	5580	6.70	0.15	6.85	11	Pass
140	5700	6.31	0.15	6.46	11	Pass
144 (U-NII-2C)	5720	-13.99	0.15	-13.84	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 3.22 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 3.91 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.28 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	3.57	0.12	3.69	11	Pass
40	5200	3.49	0.12	3.61	11	Pass
48	5240	3.11	0.12	3.23	11	Pass
52	5260	3.20	0.12	3.32	11	Pass
60	5300	3.31	0.12	3.43	11	Pass
64	5320	3.30	0.12	3.42	11	Pass
100	5500	4.24	0.12	4.36	11	Pass
116	5580	4.67	0.12	4.79	11	Pass
140	5700	3.66	0.12	3.78	11	Pass
144 (U-NII-2C)	5720	-8.08	0.12	-7.96	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 3.22 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 3.91 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.28 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 106-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	0.04	0.14	0.18	11	Pass
40	5200	-0.03	0.14	0.11	11	Pass
48	5240	-0.47	0.14	-0.33	11	Pass
52	5260	0.03	0.14	0.17	11	Pass
60	5300	-0.26	0.14	-0.12	11	Pass
64	5320	-0.41	0.14	-0.27	11	Pass
100	5500	0.75	0.14	0.89	11	Pass
116	5580	1.10	0.14	1.24	11	Pass
140	5700	0.06	0.14	0.20	11	Pass
144 (U-NII-2C)	5720	-0.39	0.14	-0.25	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 3.22 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 3.91 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.28 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	-0.47	1.75	30	Pass
149	5745	-0.64	1.58	30	Pass
157	5785	-1.11	1.11	30	Pass
165	5825	-0.46	1.76	30	Pass

Note: For U-NII-3, the antenna gain is 3.92 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	-0.73	1.49	30	Pass
149	5745	-1.06	1.16	30	Pass
157	5785	-1.57	0.65	30	Pass
165	5825	-0.96	1.26	30	Pass

Note: For U-NII-3, the antenna gain is 3.92 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	1.74	0.15	4.11	30	Pass
149	5745	1.08	0.15	3.45	30	Pass
157	5785	0.44	0.15	2.81	30	Pass
165	5825	0.61	0.15	2.98	30	Pass

Note: For U-NII-3, the antenna gain is 3.92 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	-1.65	0.12	0.69	30	Pass
149	5745	-1.17	0.12	1.17	30	Pass
157	5785	-1.59	0.12	0.75	30	Pass
165	5825	-1.43	0.12	0.91	30	Pass

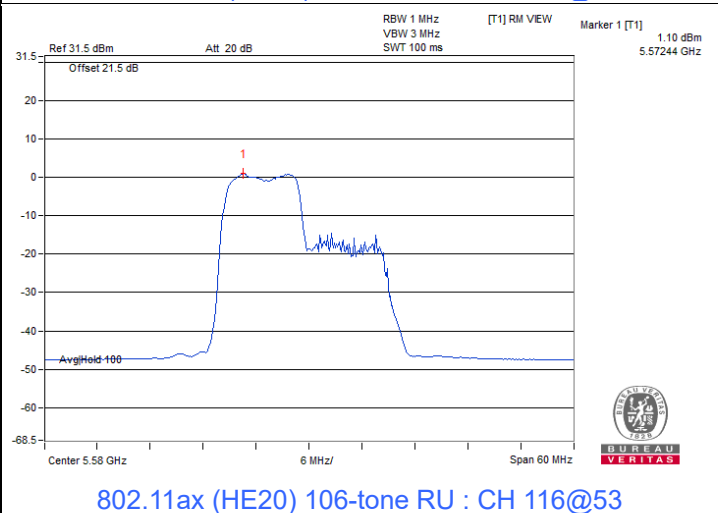
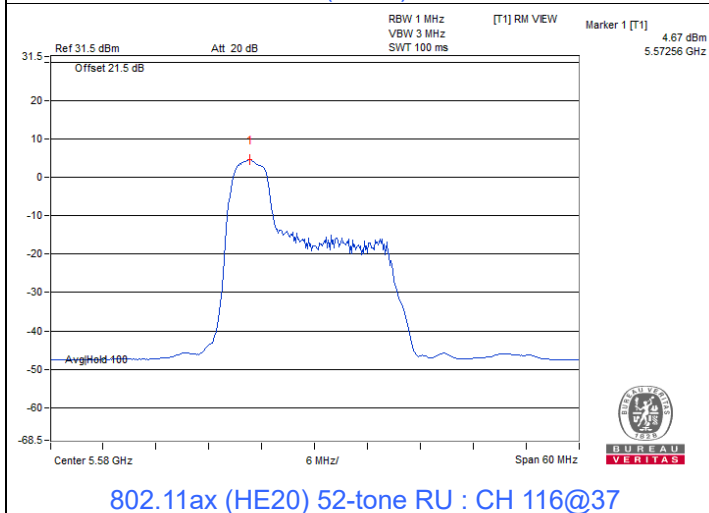
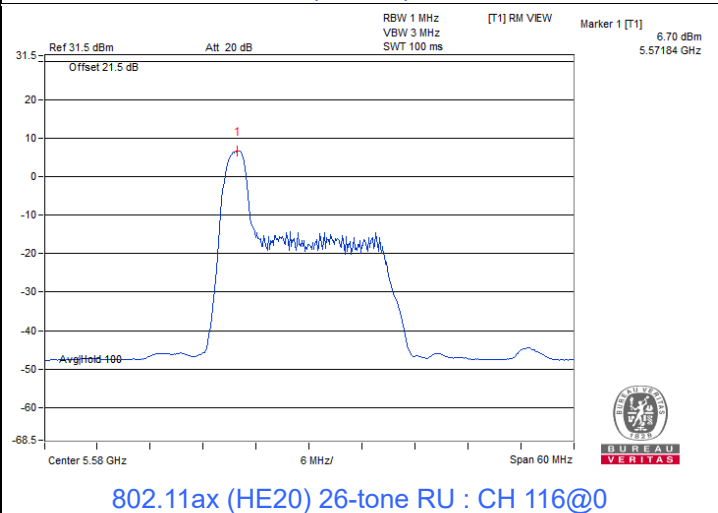
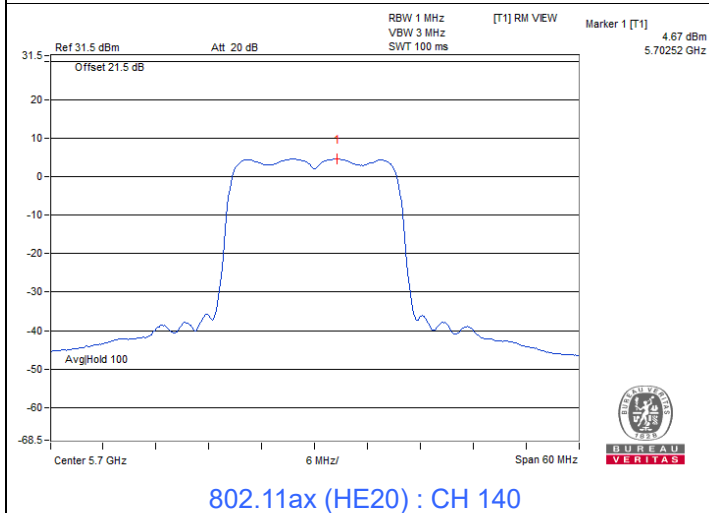
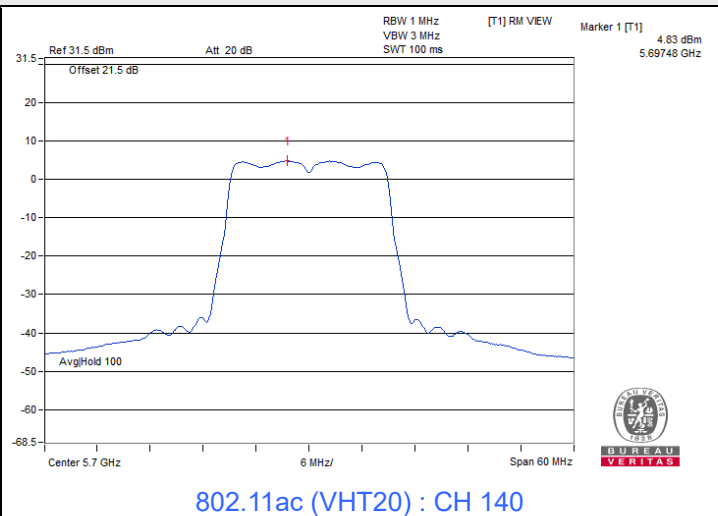
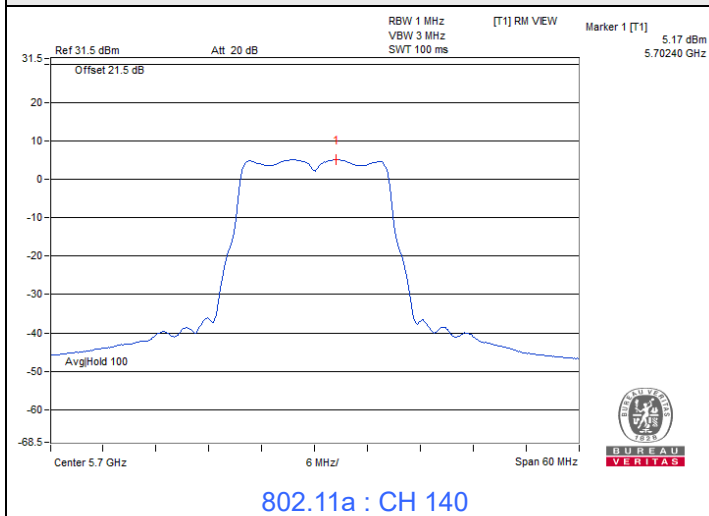
Note: For U-NII-3, the antenna gain is 3.92 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 106-tone RU

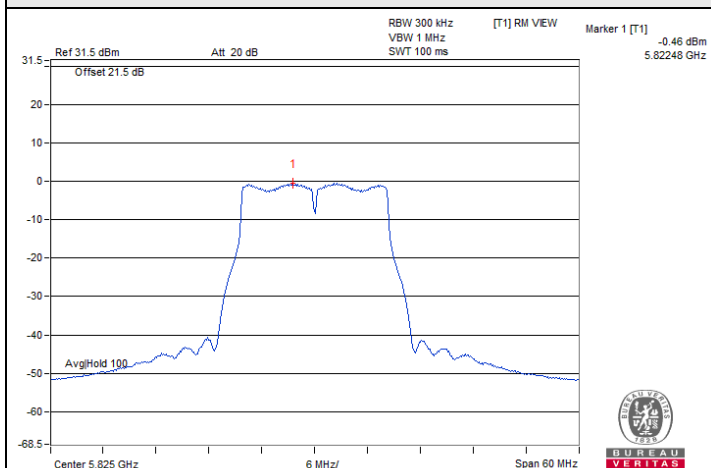
Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	-6.04	0.14	-3.68	30	Pass
149	5745	-4.32	0.14	-1.96	30	Pass
157	5785	-4.74	0.14	-2.38	30	Pass
165	5825	-4.76	0.14	-2.40	30	Pass

Note: For U-NII-3, the antenna gain is 3.92 dBi < 6 dBi, so the power density limit shall not be reduced.

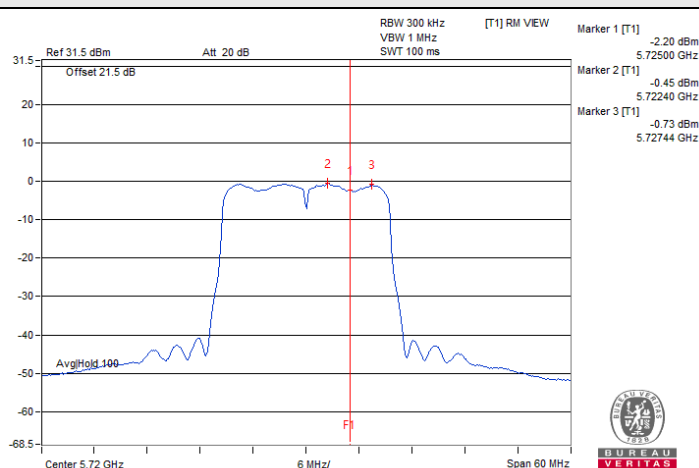
Spectrum Plot of Maximum Value



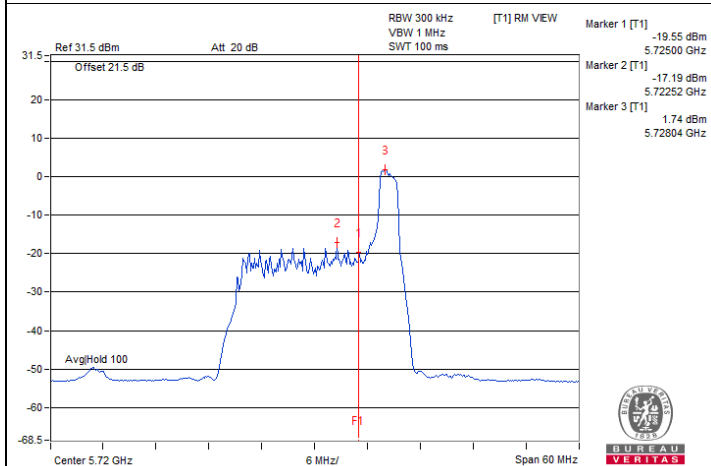
Spectrum Plot of Maximum Value



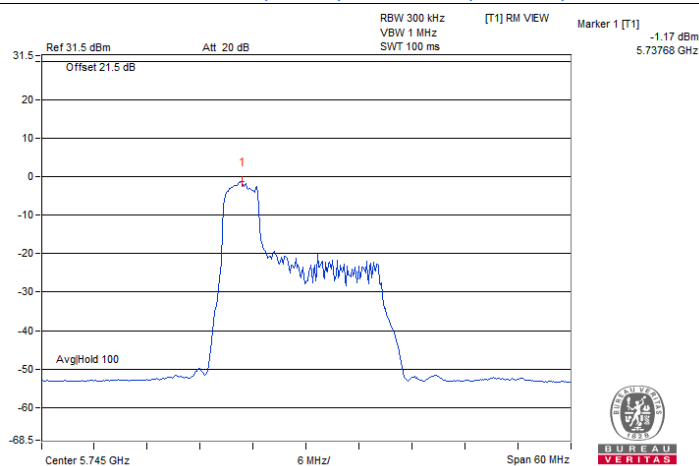
802.11a : CH 165



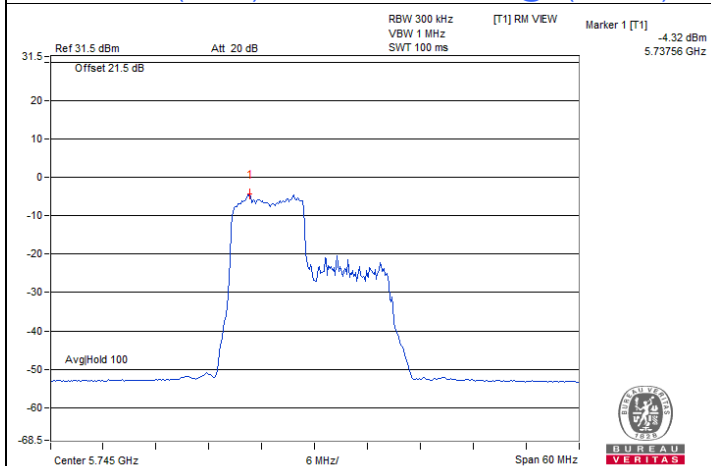
802.11ax (HE20) : CH 144 (U-NII-3)



802.11ax (HE20) 26-tone RU : CH 144@8 (U-NII-3)



802.11ax (HE20) 52-tone RU : CH 149@37



802.11ax (HE20) 106-tone RU : CH 149@53

7.4 6 dB Bandwidth

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 72% RH	Tested By:	Louis Yang

802.11a

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	3.13	0.5	Pass
149	5745	16.3	0.5	Pass
157	5785	16.32	0.5	Pass
165	5825	16.35	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	4.06	0.5	Pass
149	5745	17.7	0.5	Pass
157	5785	18.1	0.5	Pass
165	5825	17.57	0.5	Pass

802.11ax (HE20) 26-tone RU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	4.43	0.5	Pass
149	5745	16.97	0.5	Pass
157	5785	12.02	0.5	Pass
165	5825	16.97	0.5	Pass

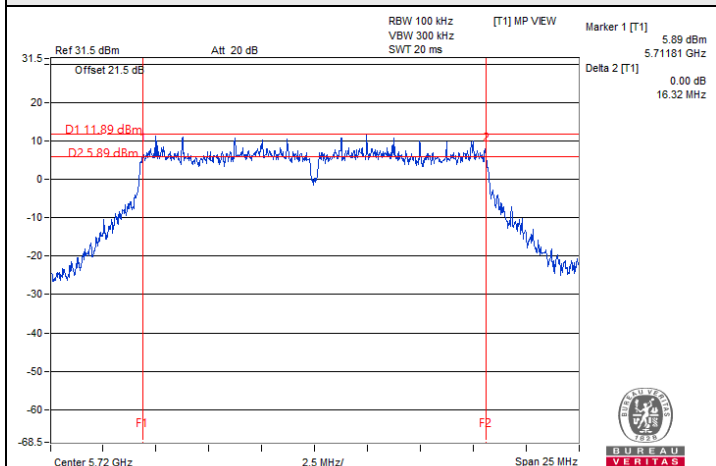
802.11ax (HE20) 52-tone RU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	4.41	0.5	Pass
149	5745	16.99	0.5	Pass
157	5785	16.98	0.5	Pass
165	5825	16.98	0.5	Pass

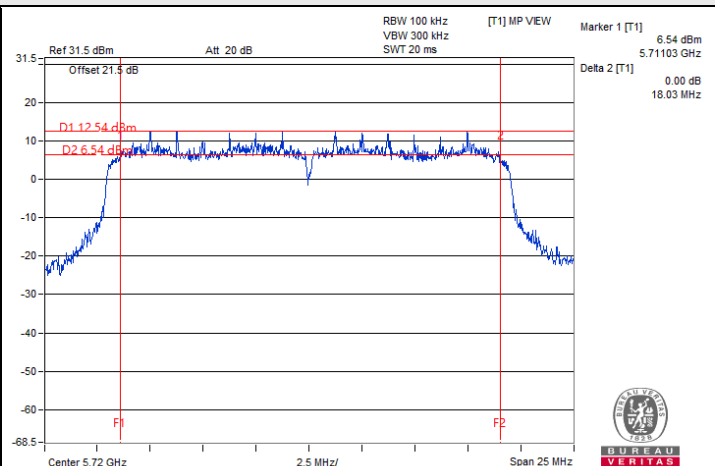
802.11ax (HE20) 106-tone RU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	4.5	0.5	Pass
149	5745	17.62	0.5	Pass
157	5785	17.59	0.5	Pass
165	5825	17.71	0.5	Pass

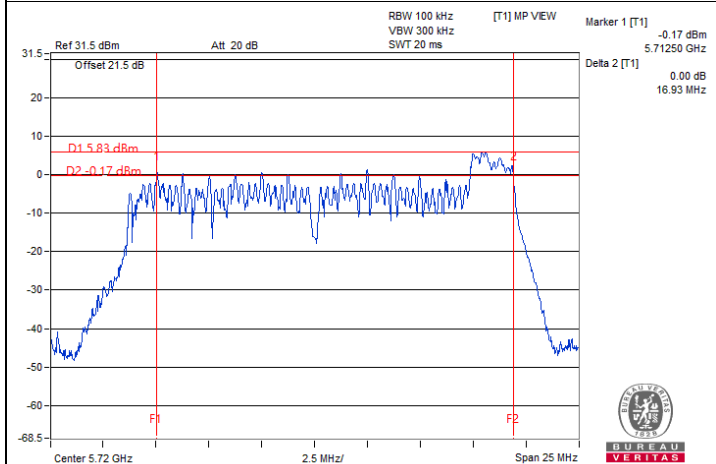
Spectrum Plot of Minimum Value



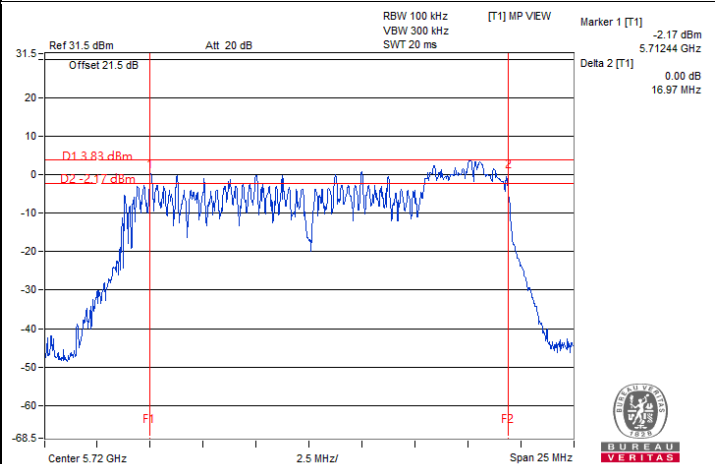
802.11a : CH 144 (U-NII-3)



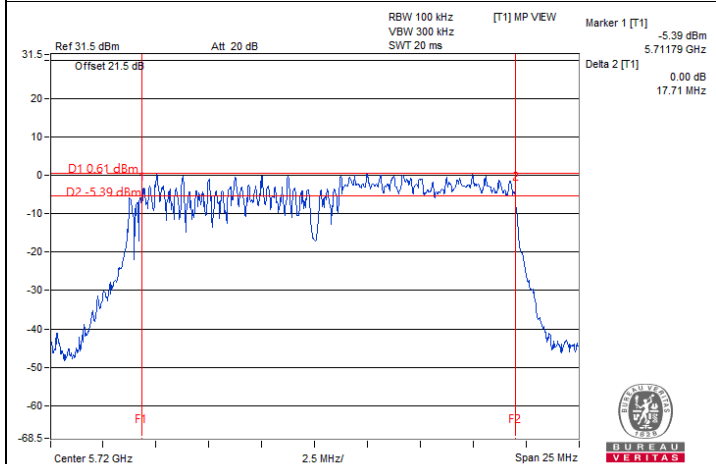
802.11ax (HE20) : CH 144 (U-NII-3)



802.11ax (HE20) 26-tone RU : CH 144@8 (U-NII-3)



802.11ax (HE20) 52-tone RU : CH 144@40 (U-NII-3)



802.11ax (HE20) 106-tone RU : CH 144@54 (U-NII-3)

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

7.5 Occupied Bandwidth

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 72% RH	Tested By:	Louis Yang

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	16.68
40	5200	16.86
48	5240	16.74
52	5260	16.68
60	5300	16.8
64	5320	16.62
100	5500	16.98
116	5580	16.68
140	5700	16.86
144 (U-NII-2C)	5720	13.46
144 (U-NII-3)	5720	3.4
149	5745	16.74
157	5785	16.74
165	5825	16.8

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	18.78
40	5200	18.9
48	5240	18.84
52	5260	18.9
60	5300	18.96
64	5320	18.78
100	5500	18.78
116	5580	18.78
140	5700	18.78
144 (U-NII-2C)	5720	14.48
144 (U-NII-3)	5720	4.36
149	5745	18.84
157	5785	18.78
165	5825	18.9

802.11ax (HE20) 26-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	18.06
40	5200	18.06
48	5240	17.76
52	5260	18.12
60	5300	18.06
64	5320	18.12
100	5500	18.12
116	5580	18.12
140	5700	18.18
144 (U-NII-2C)	5720	13.58
144 (U-NII-3)	5720	4.6
149	5745	17.88
157	5785	17.94
165	5825	18.18

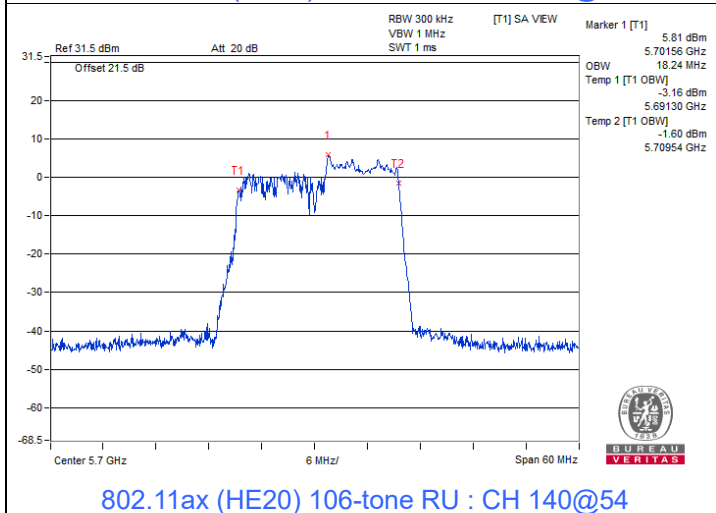
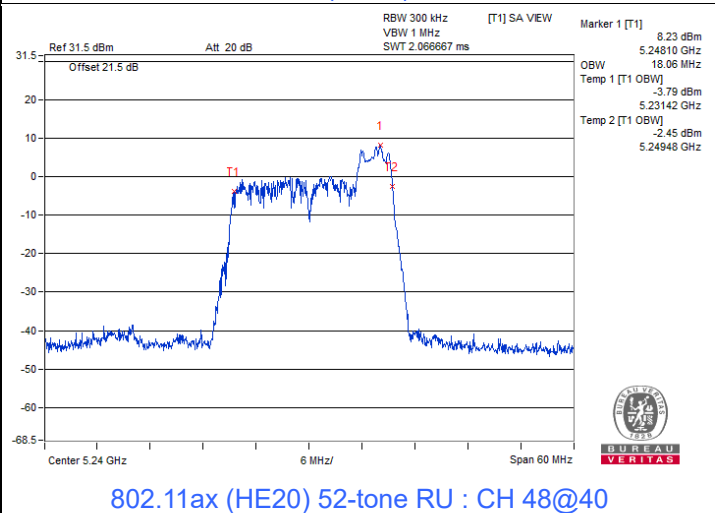
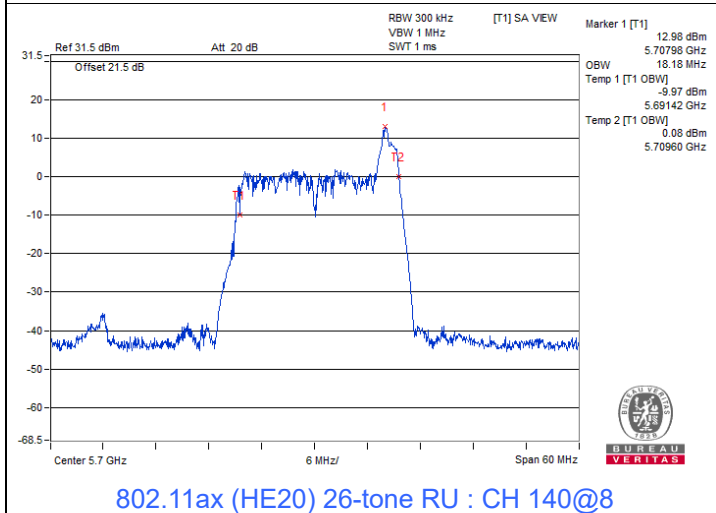
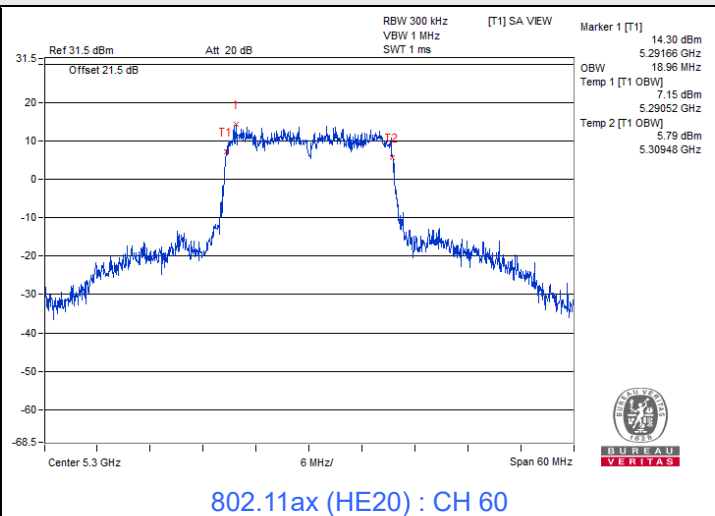
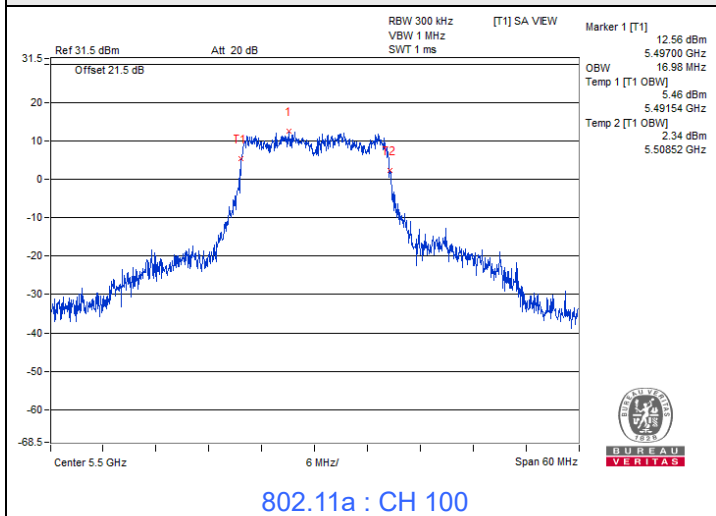
802.11ax (HE20) 52-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	17.88
40	5200	17.88
48	5240	18.06
52	5260	17.82
60	5300	17.82
64	5320	18
100	5500	17.88
116	5580	17.94
140	5700	17.7
144 (U-NII-2C)	5720	13.58
144 (U-NII-3)	5720	4.42
149	5745	17.94
157	5785	17.82
165	5825	18

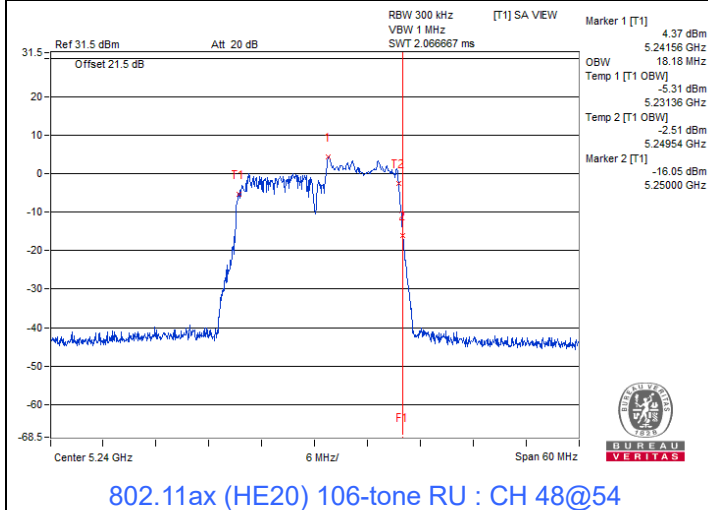
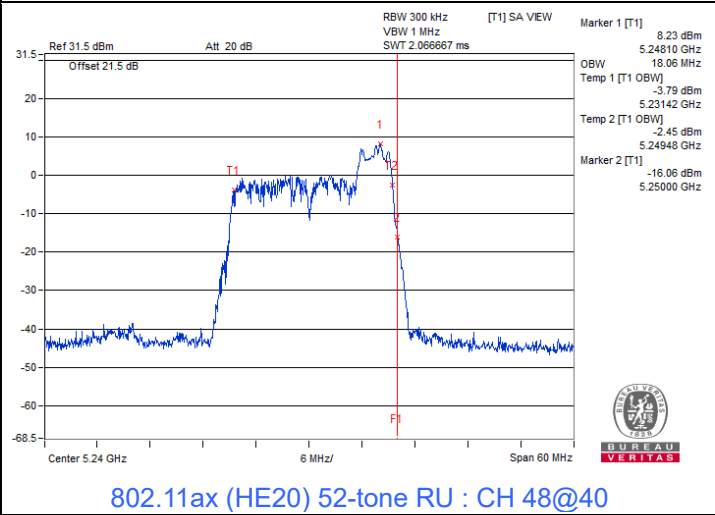
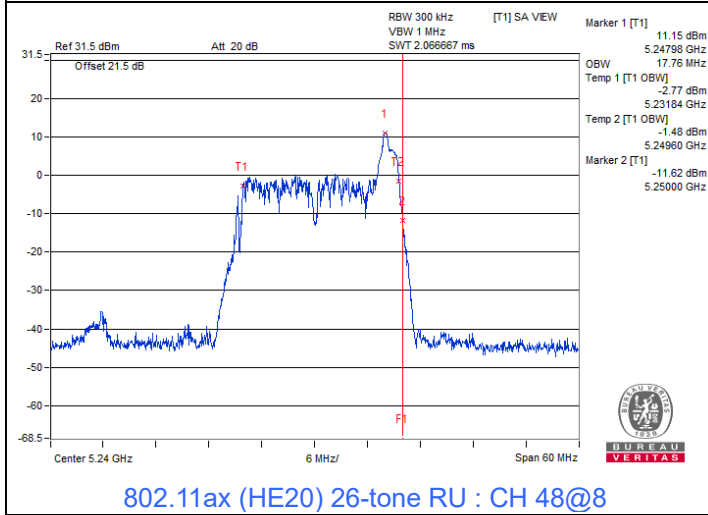
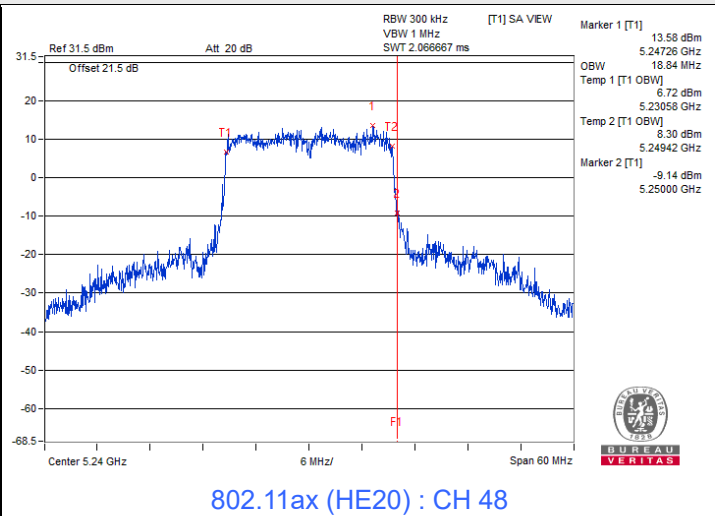
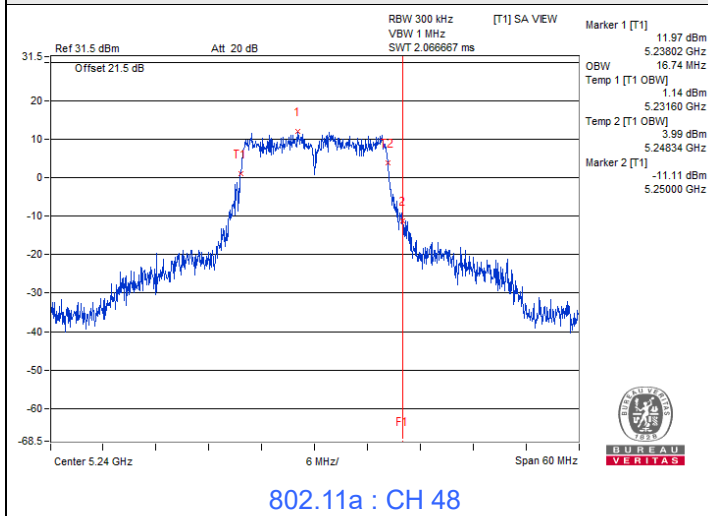
802.11ax (HE20) 106-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	17.64
40	5200	18.06
48	5240	18.18
52	5260	18
60	5300	17.88
64	5320	18.12
100	5500	18.06
116	5580	17.82
140	5700	18.24
144 (U-NII-2C)	5720	13.64
144 (U-NII-3)	5720	4.54
149	5745	17.88
157	5785	18.06
165	5825	18.18

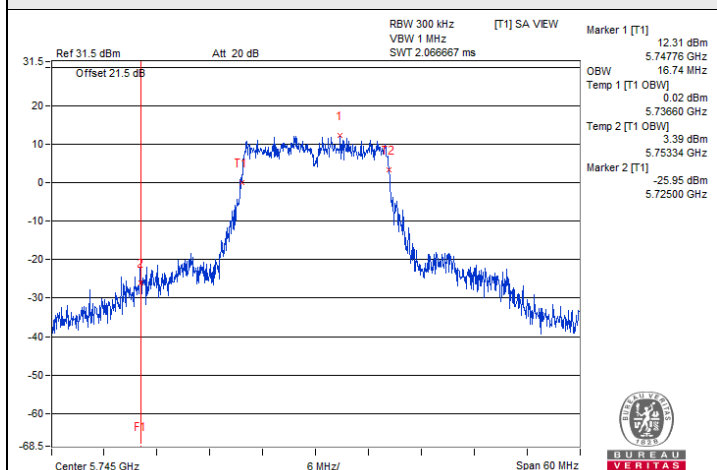
Spectrum Plot of Maximum Value



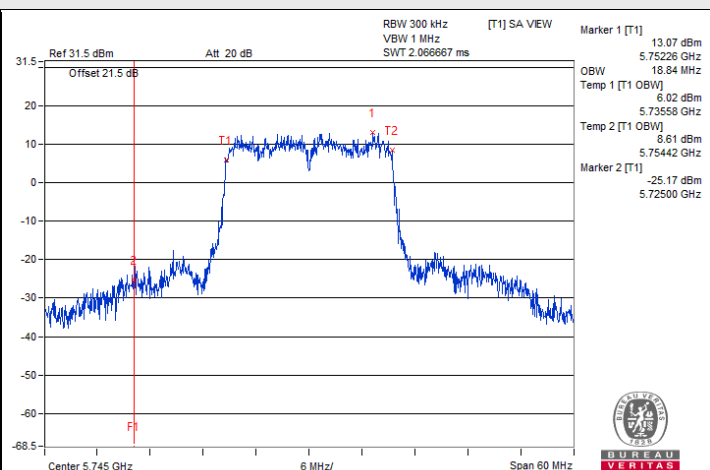
Spectrum Plot for nearby DFS band (DFS is required, if 99% OCP straddle into U-NII-2A)



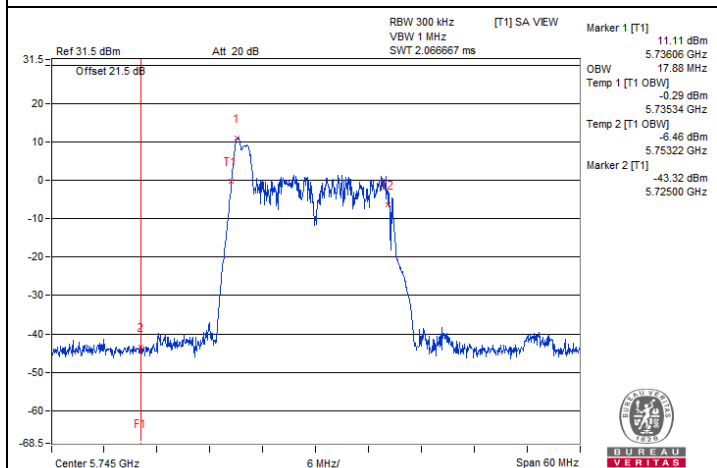
Spectrum Plot for nearby DFS band (DFS is required, if 99% OCP straddle into U-NII-2C)



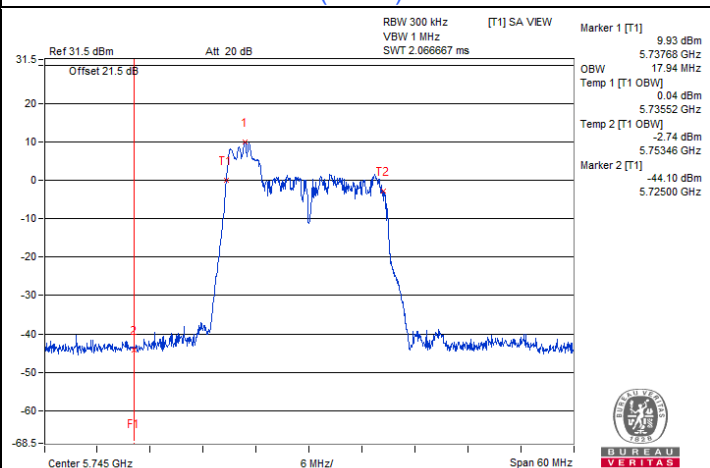
802.11a : CH 149



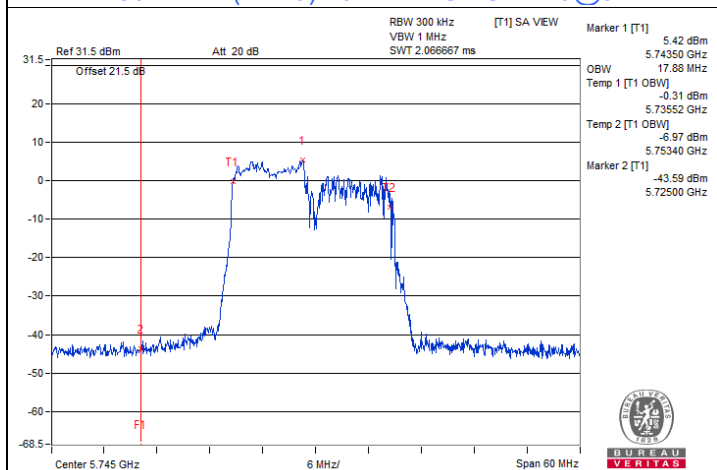
802.11ax (HE20) : CH 149



802.11ax (HE20) 26-tone RU : CH 149@0



802.11ax (HE20) 52-tone RU : CH 149@37



802.11ax (HE20) 106-tone RU : CH 149@53

7.6 Frequency Stability

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 72% RH	Tested By:	Louis Yang

Frequency Stability Versus Temperature									
Operating Frequency: 5180 MHz									
Temp. (°C)	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
85	3.3	5180.0124	Pass	5180.0127	Pass	5180.0095	Pass	5180.0138	Pass
80	3.3	5180.0139	Pass	5180.0098	Pass	5180.0132	Pass	5180.0121	Pass
70	3.3	5179.992	Pass	5179.9947	Pass	5179.9932	Pass	5179.9944	Pass
60	3.3	5180.0185	Pass	5180.0202	Pass	5180.0188	Pass	5180.0206	Pass
50	3.3	5179.9934	Pass	5179.9932	Pass	5179.9926	Pass	5179.9944	Pass
40	3.3	5180.0012	Pass	5180.0033	Pass	5180.0058	Pass	5180.0012	Pass
30	3.3	5180.0212	Pass	5180.0215	Pass	5180.0243	Pass	5180.0213	Pass
20	3.3	5179.9849	Pass	5179.9859	Pass	5179.9867	Pass	5179.9845	Pass
10	3.3	5180.0088	Pass	5180.0056	Pass	5180.0037	Pass	5180.0084	Pass
0	3.3	5180.009	Pass	5180.0099	Pass	5180.0099	Pass	5180.0098	Pass
-10	3.3	5180.0014	Pass	5180.002	Pass	5180.0028	Pass	5180.0006	Pass
-20	3.3	5179.9922	Pass	5179.9938	Pass	5179.9942	Pass	5179.9945	Pass
-30	3.3	5180.0043	Pass	5180.0059	Pass	5180.0052	Pass	5180.0088	Pass
-40	3.3	5180.0068	Pass	5180.0037	Pass	5180.0065	Pass	5180.007	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5180 MHz									
Temp. (°C)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
20	3.795	5179.9788	Pass	5179.9809	Pass	5179.9771	Pass	5179.981	Pass
	3.3	5179.9849	Pass	5179.9859	Pass	5179.9867	Pass	5179.9845	Pass
	2.805	5179.9844	Pass	5179.9867	Pass	5179.9879	Pass	5179.9855	Pass

7.7 AC Power Conducted Emissions

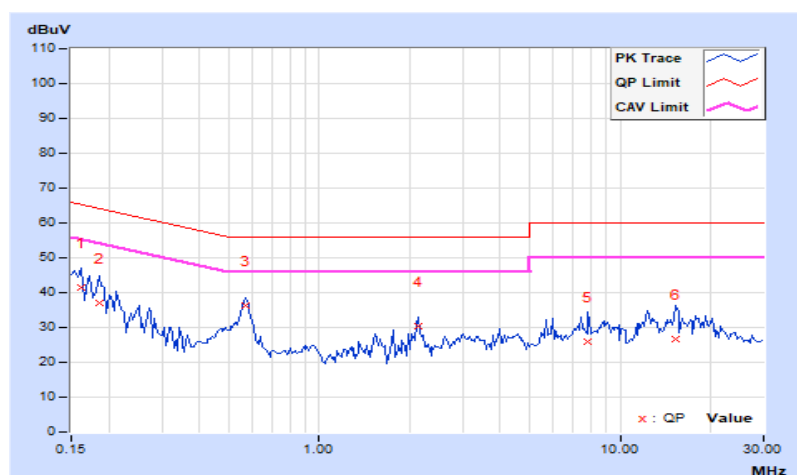
Mode A

RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 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	23°C, 71% RH
Tested By	Louis Yang		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16172	9.93	31.43	14.18	41.36	24.11	65.38	55.38	-24.02	-31.27
2	0.18516	9.93	27.16	11.93	37.09	21.86	64.25	54.25	-27.16	-32.39
3	0.57188	9.95	26.24	17.98	36.19	27.93	56.00	46.00	-19.81	-18.07
4	2.14063	10.01	20.53	6.25	30.54	16.26	56.00	46.00	-25.46	-29.74
5	7.82813	10.33	15.70	6.54	26.03	16.87	60.00	50.00	-33.97	-33.13
6	15.31250	10.82	15.94	9.46	26.76	20.28	60.00	50.00	-33.24	-29.72

Remarks:

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

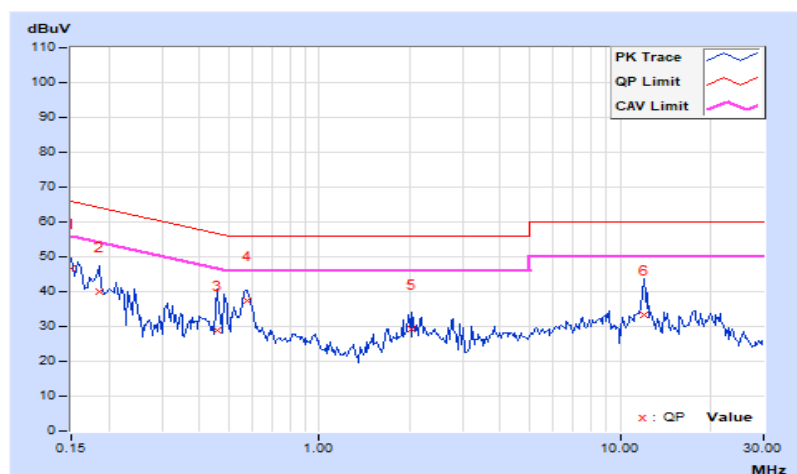


RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Louis Yang		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	10.00	36.65	19.36	46.65	29.36	66.00	56.00	-19.35	-26.64
2	0.18516	9.99	30.17	13.53	40.16	23.52	64.25	54.25	-24.09	-30.73
3	0.45859	10.00	19.07	10.92	29.07	20.92	56.72	46.72	-27.65	-25.80
4	0.57578	10.01	27.33	18.36	37.34	28.37	56.00	46.00	-18.66	-17.63
5	2.03906	10.05	19.26	10.24	29.31	20.29	56.00	46.00	-26.69	-25.71
6	11.99609	10.50	22.76	14.66	33.26	25.16	60.00	50.00	-26.74	-24.84

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

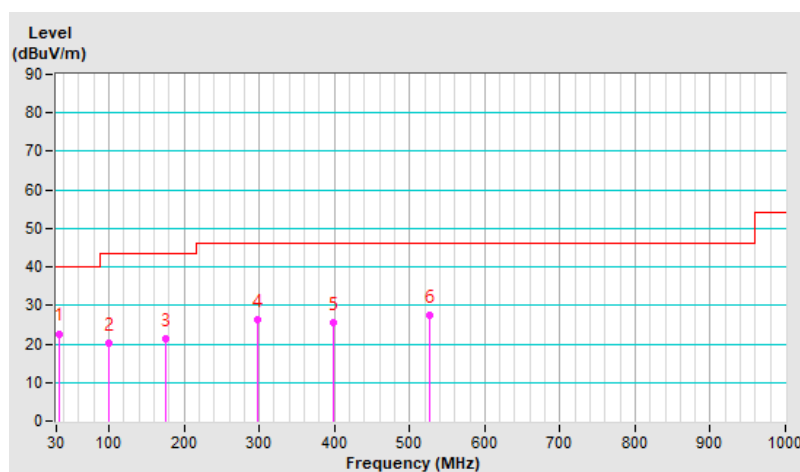
Mode A

RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 71% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	33.61	22.7 QP	40.0	-17.3	2.50 H	6	36.1	-13.4
2	99.74	20.3 QP	43.5	-23.2	2.00 H	302	37.2	-16.9
3	175.65	21.2 QP	43.5	-22.3	1.50 H	210	34.9	-13.7
4	298.60	26.3 QP	46.0	-19.7	1.00 H	269	38.1	-11.8
5	398.34	25.6 QP	46.0	-20.4	2.50 H	99	35.0	-9.4
6	527.18	27.6 QP	46.0	-18.4	1.50 H	79	33.7	-6.1

Remarks:

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

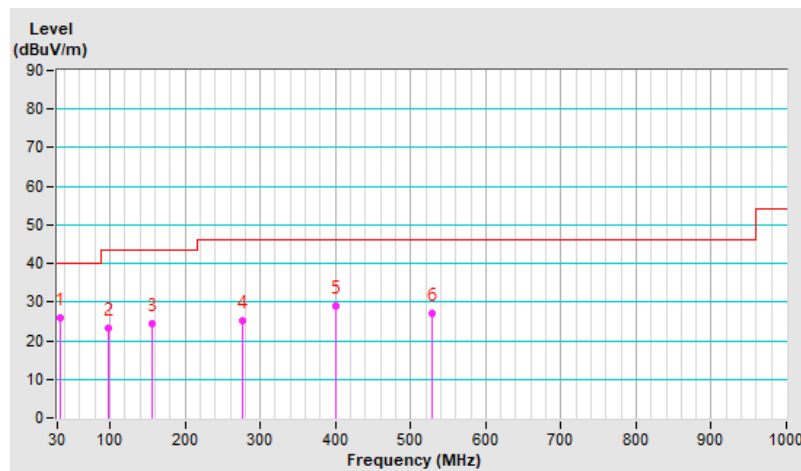


RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 71% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	32.98	26.0 QP	40.0	-14.0	1.50 V	4	39.6	-13.6
2	98.12	23.4 QP	43.5	-20.1	2.00 V	201	40.7	-17.3
3	157.00	24.4 QP	43.5	-19.1	1.00 V	222	36.9	-12.5
4	275.87	25.3 QP	46.0	-20.7	2.00 V	323	37.7	-12.4
5	399.78	29.1 QP	46.0	-16.9	1.00 V	357	38.5	-9.4
6	528.95	27.2 QP	46.0	-18.8	2.50 V	88	33.2	-6.0

Remarks:

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



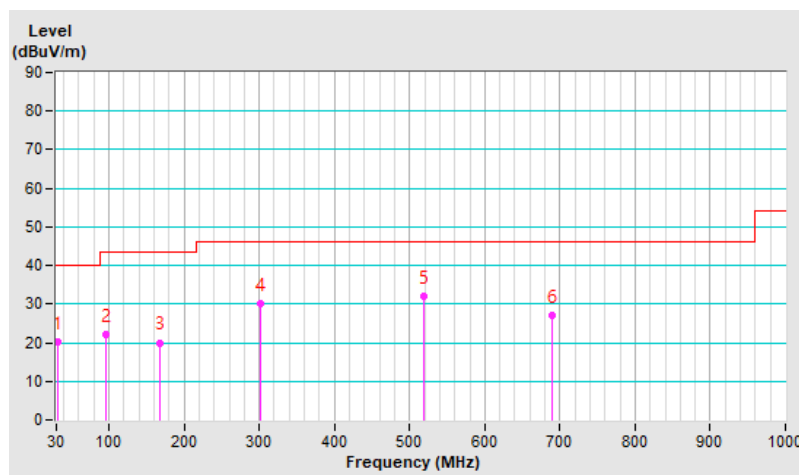
Mode C

RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 71% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	31.51	20.3 QP	40.0	-19.7	1.00 H	26	33.9	-13.6
2	96.01	22.0 QP	43.5	-21.5	2.00 H	290	39.9	-17.9
3	167.90	20.0 QP	43.5	-23.5	3.00 H	358	33.0	-13.0
4	300.97	30.0 QP	46.0	-16.0	3.50 H	245	41.4	-11.4
5	518.12	32.1 QP	46.0	-13.9	2.00 H	198	38.4	-6.3
6	688.94	27.0 QP	46.0	-19.0	3.00 H	45	29.7	-2.7

Remarks:

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

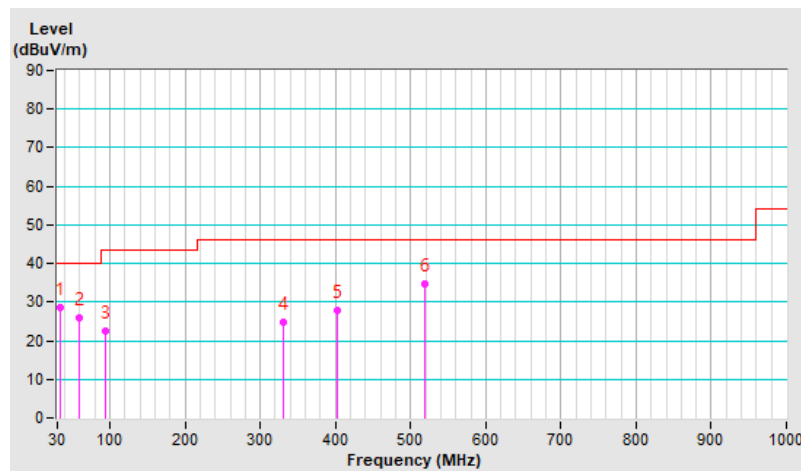


RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 71% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	33.10	28.7 QP	40.0	-11.3	1.00 V	3	42.3	-13.6
2	58.21	26.0 QP	40.0	-14.0	1.50 V	358	39.1	-13.1
3	94.22	22.6 QP	43.5	-20.9	1.50 V	358	40.5	-17.9
4	330.66	24.7 QP	46.0	-21.3	2.00 V	153	35.0	-10.3
5	402.21	27.8 QP	46.0	-18.2	1.50 V	174	37.0	-9.2
6	518.02	34.7 QP	46.0	-11.3	1.00 V	64	41.0	-6.3

Remarks:

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



7.9 Unwanted Emissions above 1 GHz

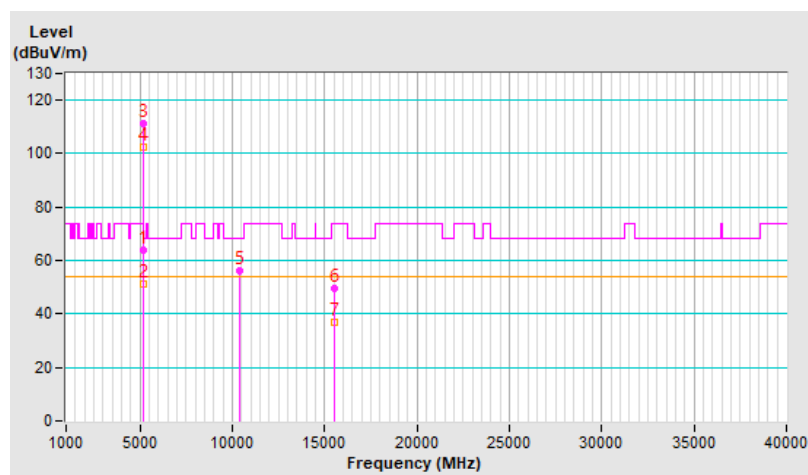
Mode B

RF Mode	802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	64.1 PK	74.0	-9.9	1.50 H	163	60.7	3.4
2	5150.00	51.0 AV	54.0	-3.0	1.50 H	163	47.6	3.4
3	*5180.00	111.5 PK			1.50 H	163	108.4	3.1
4	*5180.00	102.5 AV			1.50 H	163	99.4	3.1
5	#10360.00	56.4 PK	68.2	-11.8	1.53 H	228	44.9	11.5
6	15540.00	49.6 PK	74.0	-24.4	1.46 H	92	37.4	12.2
7	15540.00	36.9 AV	54.0	-17.1	1.46 H	92	24.7	12.2

Remarks:

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

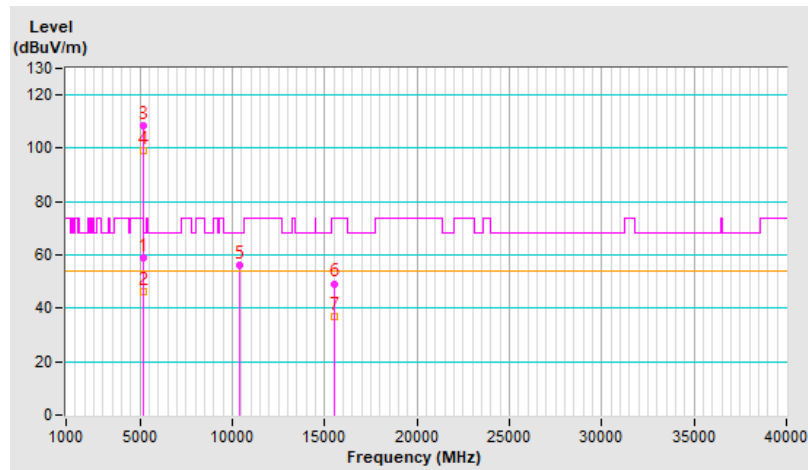


RF Mode	802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.8 PK	74.0	-15.2	3.84 V	308	55.4	3.4
2	5150.00	46.0 AV	54.0	-8.0	3.84 V	308	42.6	3.4
3	*5180.00	108.6 PK			3.84 V	308	105.5	3.1
4	*5180.00	99.0 AV			3.84 V	308	95.9	3.1
5	#10360.00	56.3 PK	68.2	-11.9	1.41 V	231	44.8	11.5
6	15540.00	49.3 PK	74.0	-24.7	1.49 V	82	37.1	12.2
7	15540.00	36.8 AV	54.0	-17.2	1.49 V	82	24.6	12.2

Remarks:

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

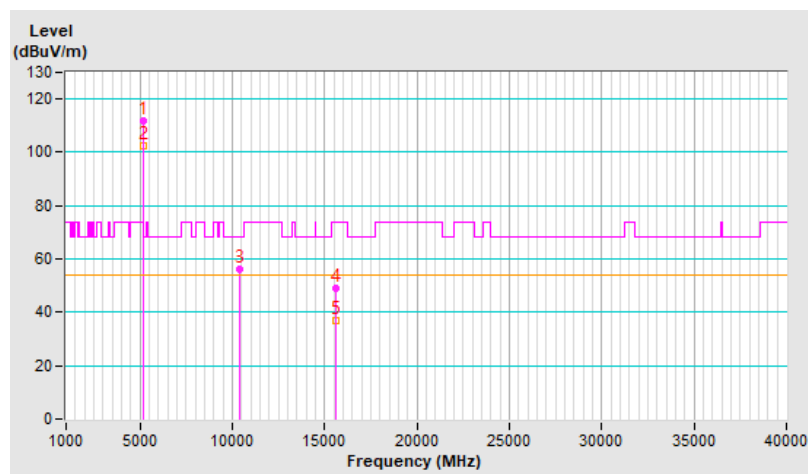


RF Mode	802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	111.6 PK			1.46 H	174	108.7	2.9
2	*5200.00	102.5 AV			1.46 H	174	99.6	2.9
3	#10400.00	56.4 PK	68.2	-11.8	1.48 H	240	44.8	11.6
4	15600.00	49.2 PK	74.0	-24.8	1.50 H	103	37.5	11.7
5	15600.00	36.7 AV	54.0	-17.3	1.50 H	103	25.0	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.

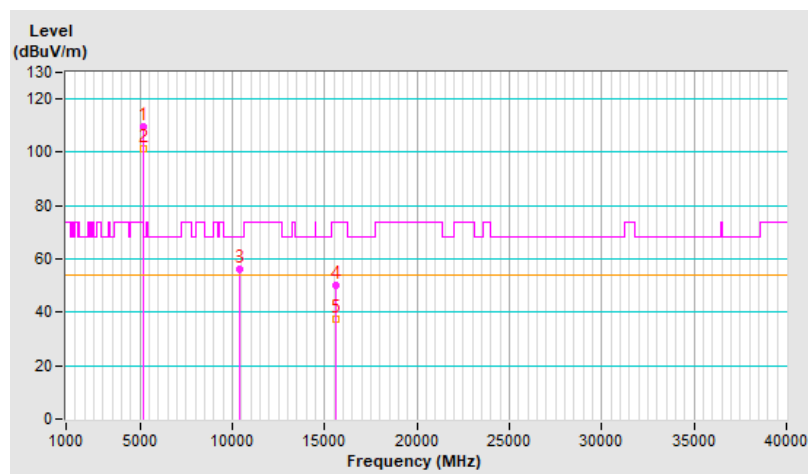


RF Mode	802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	109.6 PK			4.00 V	67	106.7	2.9
2	*5200.00	101.1 AV			4.00 V	67	98.2	2.9
3	#10400.00	56.0 PK	68.2	-12.2	1.50 V	236	44.4	11.6
4	15600.00	50.3 PK	74.0	-23.7	1.55 V	103	38.6	11.7
5	15600.00	37.6 AV	54.0	-16.4	1.55 V	103	25.9	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.

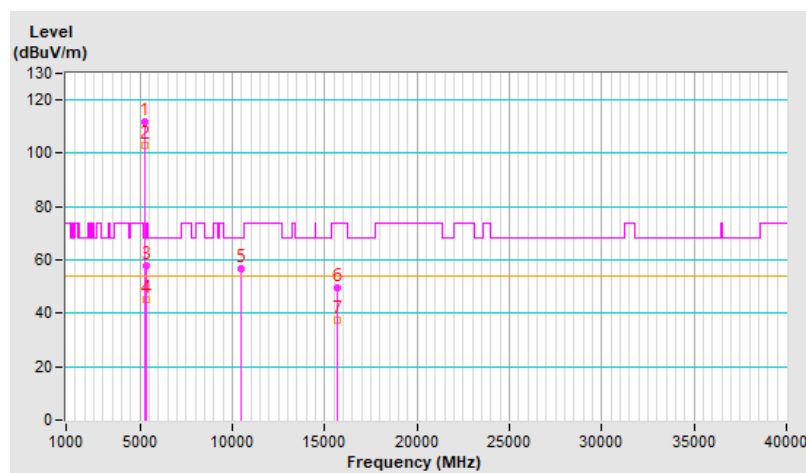


RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	112.0 PK			1.53 H	166	109.4	2.6
2	*5240.00	102.9 AV			1.53 H	166	100.3	2.6
3	5350.00	57.8 PK	74.0	-16.2	1.53 H	166	54.9	2.9
4	5350.00	45.0 AV	54.0	-9.0	1.53 H	166	42.1	2.9
5	#10480.00	56.6 PK	68.2	-11.6	1.44 H	243	45.0	11.6
6	15720.00	49.8 PK	74.0	-24.2	1.51 H	92	37.9	11.9
7	15720.00	37.2 AV	54.0	-16.8	1.51 H	92	25.3	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.

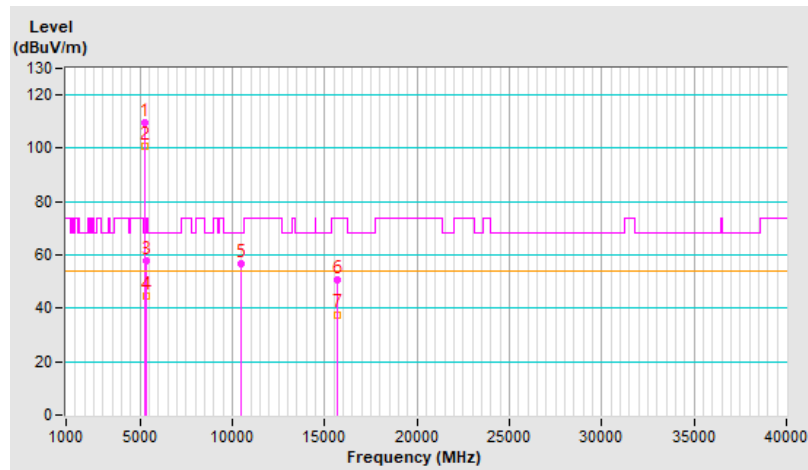


RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	109.4 PK			3.97 V	64	106.8	2.6
2	*5240.00	100.7 AV			3.97 V	64	98.1	2.6
3	5350.00	57.8 PK	74.0	-16.2	3.97 V	64	54.9	2.9
4	5350.00	44.6 AV	54.0	-9.4	3.97 V	64	41.7	2.9
5	#10480.00	56.6 PK	68.2	-11.6	1.41 V	247	45.0	11.6
6	15720.00	50.5 PK	74.0	-23.5	1.47 V	96	38.6	11.9
7	15720.00	37.7 AV	54.0	-16.3	1.47 V	96	25.8	11.9

Remarks:

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

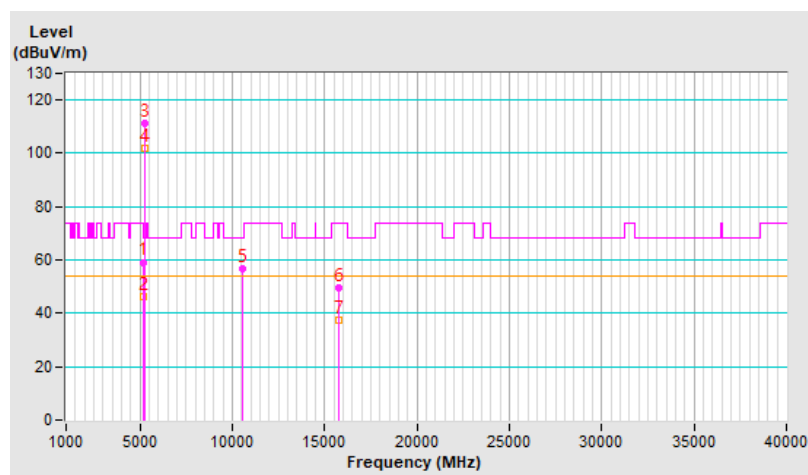


RF Mode	802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.2 PK	74.0	-14.8	1.46 H	149	55.8	3.4
2	5150.00	46.5 AV	54.0	-7.5	1.46 H	149	43.1	3.4
3	*5260.00	111.1 PK			1.46 H	149	108.5	2.6
4	*5260.00	102.1 AV			1.46 H	149	99.5	2.6
5	#10520.00	56.6 PK	68.2	-11.6	1.46 H	252	44.8	11.8
6	15780.00	49.6 PK	74.0	-24.4	1.53 H	99	37.3	12.3
7	15780.00	37.2 AV	54.0	-16.8	1.53 H	99	24.9	12.3

Remarks:

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

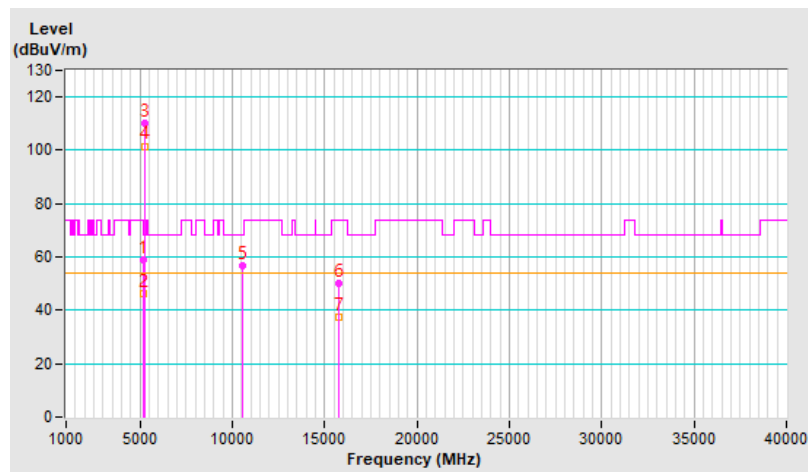


RF Mode	802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.8 PK	74.0	-15.2	3.99 V	58	55.4	3.4
2	5150.00	46.1 AV	54.0	-7.9	3.99 V	58	42.7	3.4
3	*5260.00	110.0 PK			3.99 V	58	107.4	2.6
4	*5260.00	101.6 AV			3.99 V	58	99.0	2.6
5	#10520.00	56.6 PK	68.2	-11.6	1.46 V	239	44.8	11.8
6	15780.00	50.0 PK	74.0	-24.0	1.47 V	80	37.7	12.3
7	15780.00	37.5 AV	54.0	-16.5	1.47 V	80	25.2	12.3

Remarks:

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

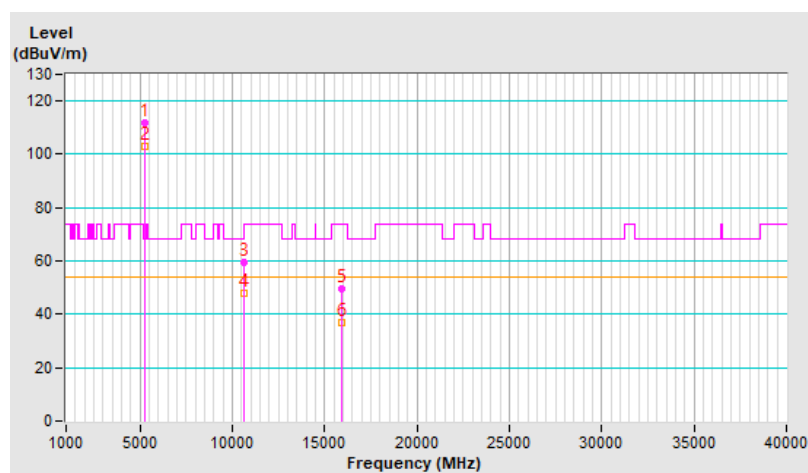


RF Mode	802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	111.9 PK			1.53 H	155	109.4	2.5
2	*5300.00	102.8 AV			1.53 H	155	100.3	2.5
3	10600.00	59.5 PK	74.0	-14.5	1.68 H	140	47.3	12.2
4	10600.00	47.8 AV	54.0	-6.2	1.68 H	140	35.6	12.2
5	15900.00	49.7 PK	74.0	-24.3	1.49 H	93	37.1	12.6
6	15900.00	37.1 AV	54.0	-16.9	1.49 H	93	24.5	12.6

Remarks:

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

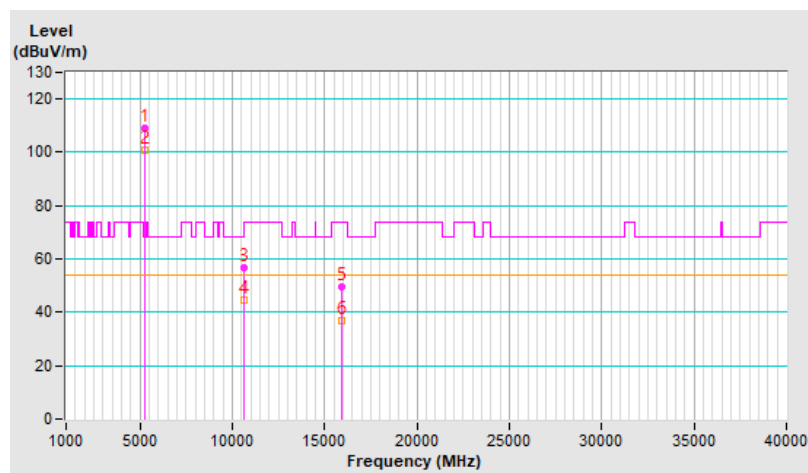


RF Mode	802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	109.3 PK			3.98 V	72	106.8	2.5
2	*5300.00	100.7 AV			3.98 V	72	98.2	2.5
3	10600.00	56.9 PK	74.0	-17.1	1.44 V	255	44.7	12.2
4	10600.00	44.8 AV	54.0	-9.2	1.44 V	255	32.6	12.2
5	15900.00	49.4 PK	74.0	-24.6	1.54 V	83	36.8	12.6
6	15900.00	37.1 AV	54.0	-16.9	1.54 V	83	24.5	12.6

Remarks:

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

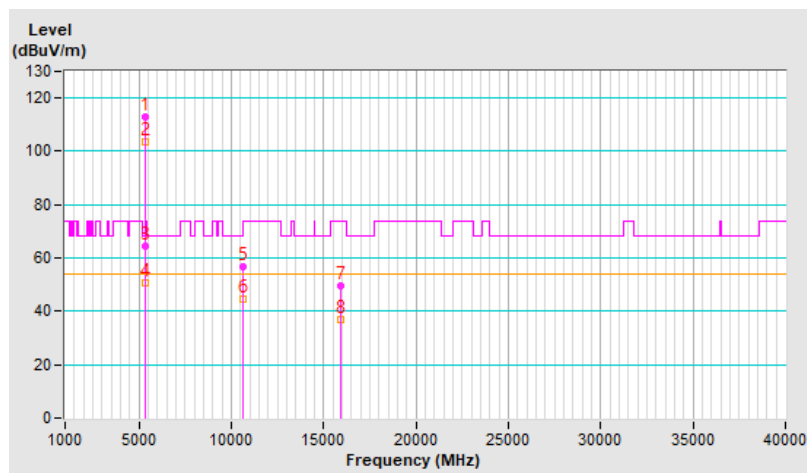


RF Mode	802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	112.7 PK			1.00 H	177	109.9	2.8
2	*5320.00	103.6 AV			1.00 H	177	100.8	2.8
3	5350.00	64.5 PK	74.0	-9.5	1.00 H	177	61.6	2.9
4	5350.00	50.8 AV	54.0	-3.2	1.00 H	177	47.9	2.9
5	10640.00	56.7 PK	74.0	-17.3	1.44 H	249	44.5	12.2
6	10640.00	44.8 AV	54.0	-9.2	1.44 H	249	32.6	12.2
7	15960.00	49.6 PK	74.0	-24.4	1.52 H	95	37.3	12.3
8	15960.00	37.1 AV	54.0	-16.9	1.52 H	95	24.8	12.3

Remarks:

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

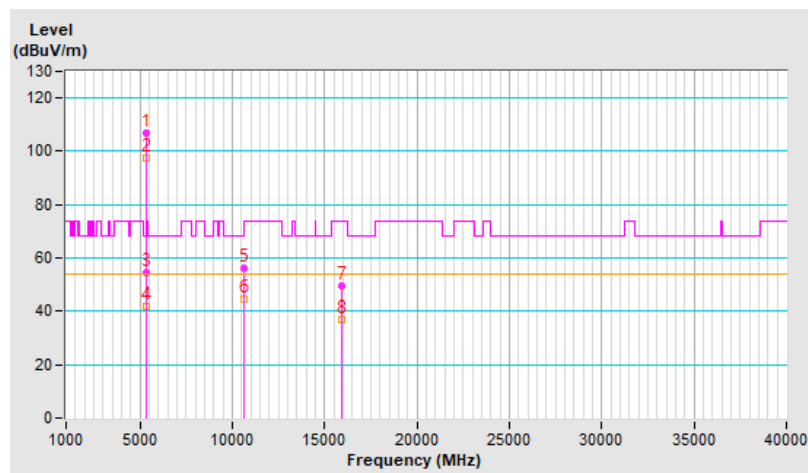


RF Mode	802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	106.6 PK			2.75 V	78	103.8	2.8
2	*5320.00	97.3 AV			2.75 V	78	94.5	2.8
3	5350.00	54.6 PK	74.0	-19.4	2.75 V	78	51.7	2.9
4	5350.00	41.8 AV	54.0	-12.2	2.75 V	78	38.9	2.9
5	10640.00	56.4 PK	74.0	-17.6	1.44 V	228	44.2	12.2
6	10640.00	44.6 AV	54.0	-9.4	1.44 V	228	32.4	12.2
7	15960.00	49.7 PK	74.0	-24.3	1.57 V	104	37.4	12.3
8	15960.00	36.9 AV	54.0	-17.1	1.57 V	104	24.6	12.3

Remarks:

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

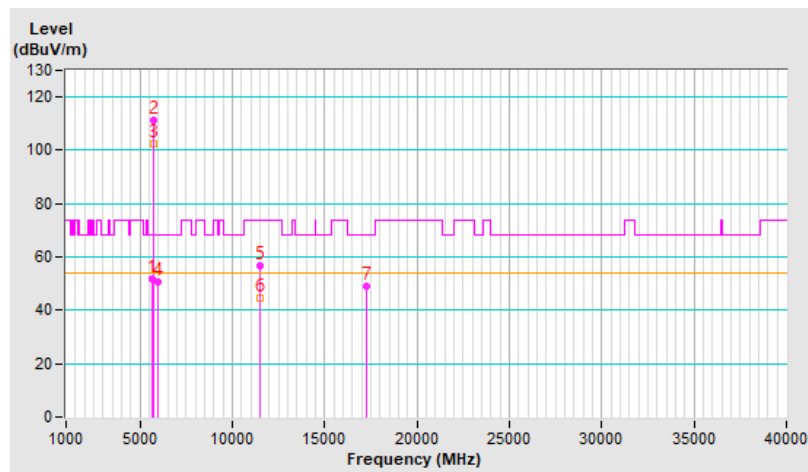


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5631.23	51.6 PK	68.2	-16.6	1.34 H	194	48.6	3.0
2	*5745.00	111.3 PK			1.34 H	194	107.8	3.5
3	*5745.00	102.3 AV			1.34 H	194	98.8	3.5
4	#5936.45	50.8 PK	68.2	-17.4	1.34 H	194	47.2	3.6
5	11490.00	56.6 PK	74.0	-17.4	1.47 H	240	44.0	12.6
6	11490.00	44.8 AV	54.0	-9.2	1.47 H	240	32.2	12.6
7	#17235.00	49.1 PK	68.2	-19.1	1.53 H	101	31.8	17.3

Remarks:

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

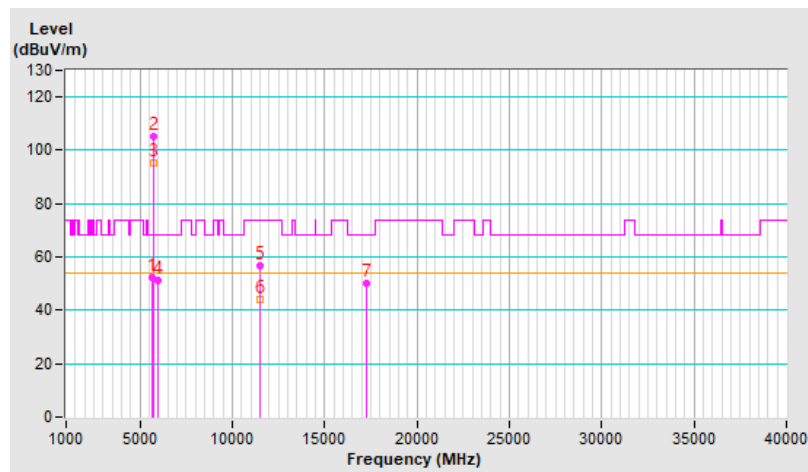


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5621.76	52.2 PK	68.2	-16.0	1.28 V	141	49.2	3.0
2	*5745.00	105.2 PK			1.28 V	141	101.7	3.5
3	*5745.00	95.5 AV			1.28 V	141	92.0	3.5
4	#5971.02	51.0 PK	68.2	-17.2	1.28 V	141	47.4	3.6
5	11490.00	56.7 PK	74.0	-17.3	1.43 V	243	44.1	12.6
6	11490.00	44.2 AV	54.0	-9.8	1.43 V	243	31.6	12.6
7	#17235.00	50.3 PK	68.2	-17.9	1.47 V	106	33.0	17.3

Remarks:

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

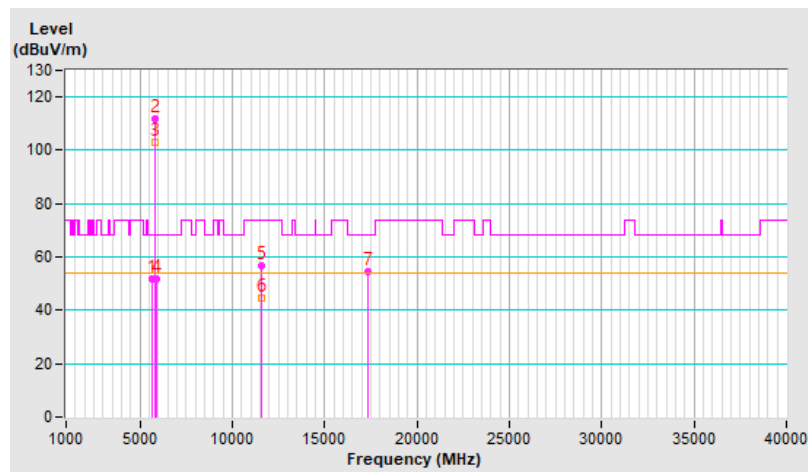


RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5629.44	51.8 PK	68.2	-16.4	1.03 H	192	48.8	3.0
2	*5785.00	111.8 PK			1.03 H	192	108.3	3.5
3	*5785.00	102.8 AV			1.03 H	192	99.3	3.5
4	#5930.76	51.9 PK	68.2	-16.3	1.03 H	192	48.3	3.6
5	11570.00	56.5 PK	74.0	-17.5	1.71 H	139	44.0	12.5
6	11570.00	44.4 AV	54.0	-9.6	1.71 H	139	31.9	12.5
7	#17355.00	54.5 PK	68.2	-13.7	1.75 H	17	36.9	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.

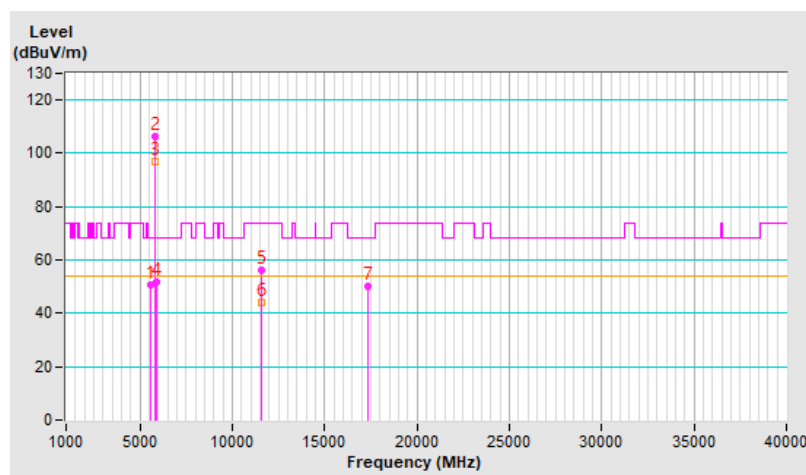


RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5601.09	50.8 PK	68.2	-17.4	1.28 V	167	47.8	3.0
2	*5785.00	106.1 PK			1.28 V	167	102.6	3.5
3	*5785.00	96.9 AV			1.28 V	167	93.4	3.5
4	#5932.93	52.0 PK	68.2	-16.2	1.28 V	167	48.4	3.6
5	11570.00	56.0 PK	74.0	-18.0	1.46 V	239	43.5	12.5
6	11570.00	44.3 AV	54.0	-9.7	1.46 V	239	31.8	12.5
7	#17355.00	50.1 PK	68.2	-18.1	1.45 V	90	32.5	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.

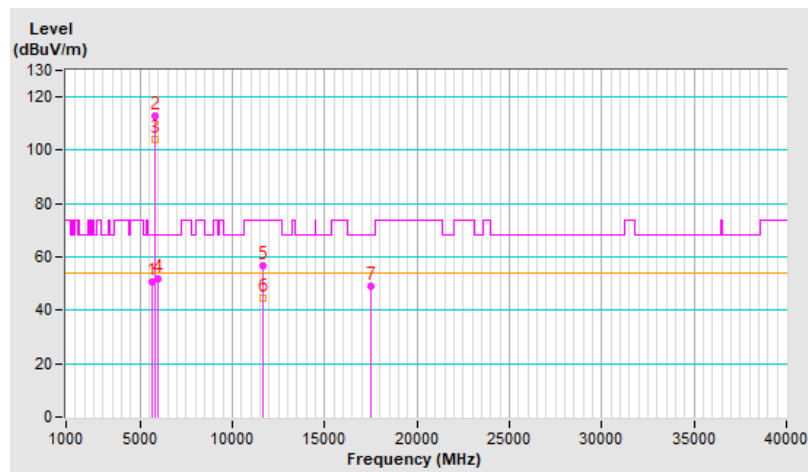


RF Mode	802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5628.68	50.7 PK	68.2	-17.5	3.87 H	174	47.7	3.0
2	*5825.00	112.8 PK			3.87 H	174	109.1	3.7
3	*5825.00	103.9 AV			3.87 H	174	100.2	3.7
4	#5949.04	51.7 PK	68.2	-16.5	3.87 H	174	48.2	3.5
5	11650.00	56.7 PK	74.0	-17.3	1.49 H	238	44.6	12.1
6	11650.00	44.6 AV	54.0	-9.4	1.49 H	238	32.5	12.1
7	#17475.00	49.2 PK	68.2	-19.0	1.56 H	102	31.0	18.2

Remarks:

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

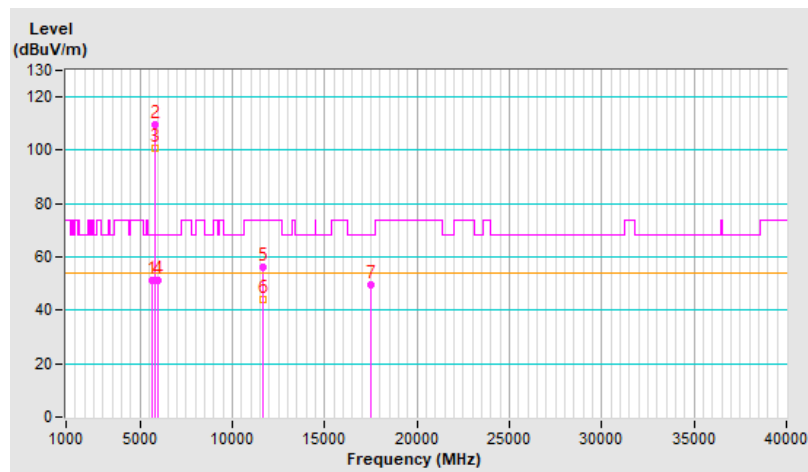


RF Mode	802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5624.23	51.0 PK	68.2	-17.2	3.72 V	321	48.0	3.0
2	*5825.00	109.8 PK			3.72 V	321	106.1	3.7
3	*5825.00	101.0 AV			3.72 V	321	97.3	3.7
4	#5949.56	51.4 PK	68.2	-16.8	3.72 V	321	47.9	3.5
5	11650.00	56.0 PK	74.0	-18.0	1.48 V	245	43.9	12.1
6	11650.00	44.3 AV	54.0	-9.7	1.48 V	245	32.2	12.1
7	#17475.00	49.5 PK	68.2	-18.7	1.56 V	80	31.3	18.2

Remarks:

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

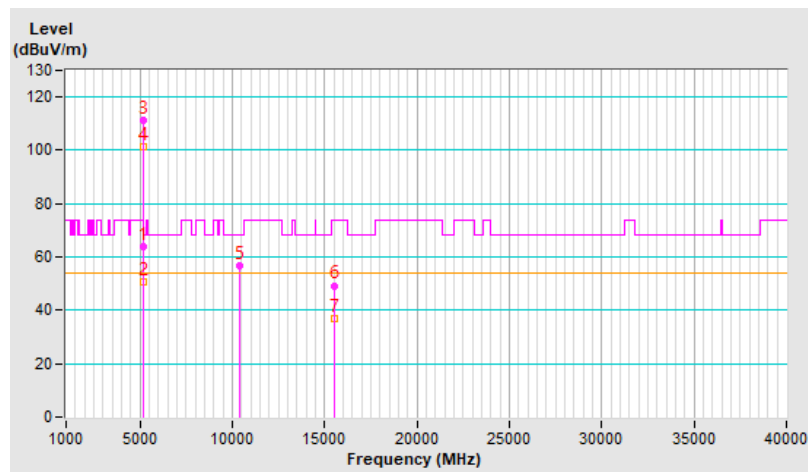


RF Mode	802.11ax (HE20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	64.1 PK	74.0	-9.9	1.01 H	164	60.7	3.4
2	5150.00	50.7 AV	54.0	-3.3	1.01 H	164	47.3	3.4
3	*5180.00	111.0 PK			1.01 H	164	107.9	3.1
4	*5180.00	101.2 AV			1.01 H	164	98.1	3.1
5	#10360.00	56.7 PK	68.2	-11.5	1.47 H	244	45.2	11.5
6	15540.00	49.3 PK	74.0	-24.7	1.52 H	117	37.1	12.2
7	15540.00	37.0 AV	54.0	-17.0	1.52 H	117	24.8	12.2

Remarks:

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

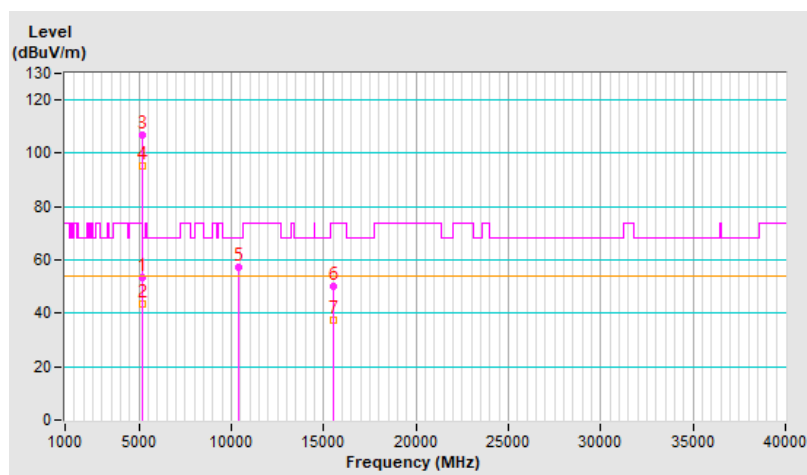


RF Mode	802.11ax (HE20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	53.5 PK	74.0	-20.5	3.84 V	306	50.1	3.4
2	5150.00	43.4 AV	54.0	-10.6	3.84 V	306	40.0	3.4
3	*5180.00	106.6 PK			3.84 V	306	103.5	3.1
4	*5180.00	95.5 AV			3.84 V	306	92.4	3.1
5	#10360.00	57.2 PK	68.2	-11.0	1.49 V	255	45.7	11.5
6	15540.00	50.2 PK	74.0	-23.8	1.51 V	80	38.0	12.2
7	15540.00	37.4 AV	54.0	-16.6	1.51 V	80	25.2	12.2

Remarks:

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

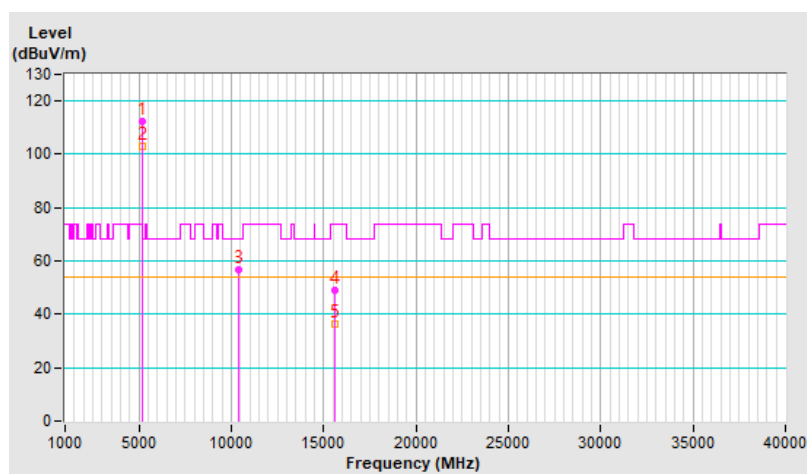


RF Mode	802.11ax (HE20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	112.2 PK			1.46 H	191	109.3	2.9
2	*5200.00	102.8 AV			1.46 H	191	99.9	2.9
3	#10400.00	56.6 PK	68.2	-11.6	1.54 H	253	45.0	11.6
4	15600.00	48.9 PK	74.0	-25.1	1.46 H	107	37.2	11.7
5	15600.00	36.4 AV	54.0	-17.6	1.46 H	107	24.7	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.

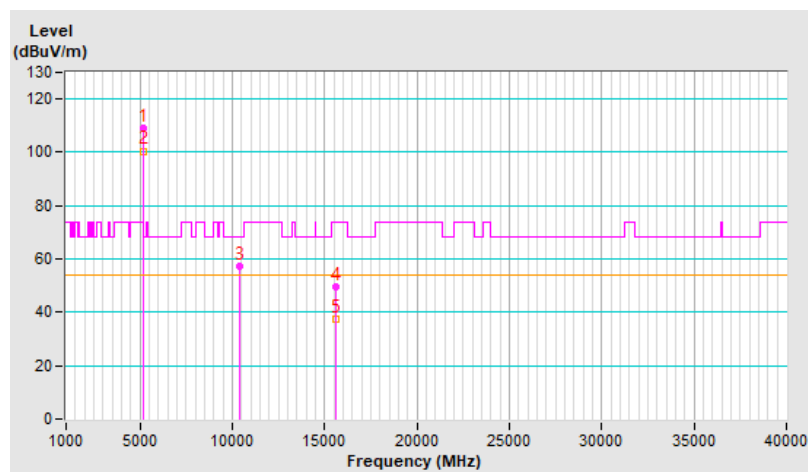


RF Mode	802.11ax (HE20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	109.3 PK			3.96 V	83	106.4	2.9
2	*5200.00	100.5 AV			3.96 V	83	97.6	2.9
3	#10400.00	57.4 PK	68.2	-10.8	1.50 V	235	45.8	11.6
4	15600.00	49.7 PK	74.0	-24.3	1.50 V	101	38.0	11.7
5	15600.00	37.3 AV	54.0	-16.7	1.50 V	101	25.6	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.

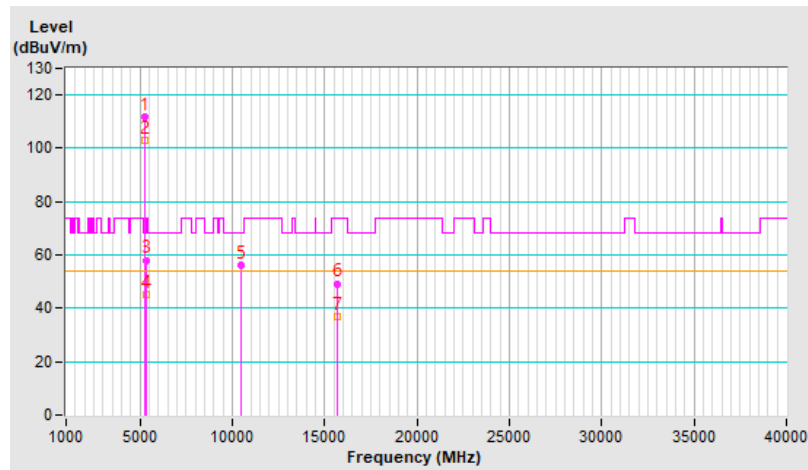


RF Mode	802.11ax (HE20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	112.0 PK			1.52 H	184	109.4	2.6
2	*5240.00	103.1 AV			1.52 H	184	100.5	2.6
3	5350.00	58.1 PK	74.0	-15.9	1.52 H	184	55.2	2.9
4	5350.00	45.2 AV	54.0	-8.8	1.52 H	184	42.3	2.9
5	#10480.00	56.0 PK	68.2	-12.2	1.47 H	229	44.4	11.6
6	15720.00	49.3 PK	74.0	-24.7	1.45 H	87	37.4	11.9
7	15720.00	36.8 AV	54.0	-17.2	1.45 H	87	24.9	11.9

Remarks:

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

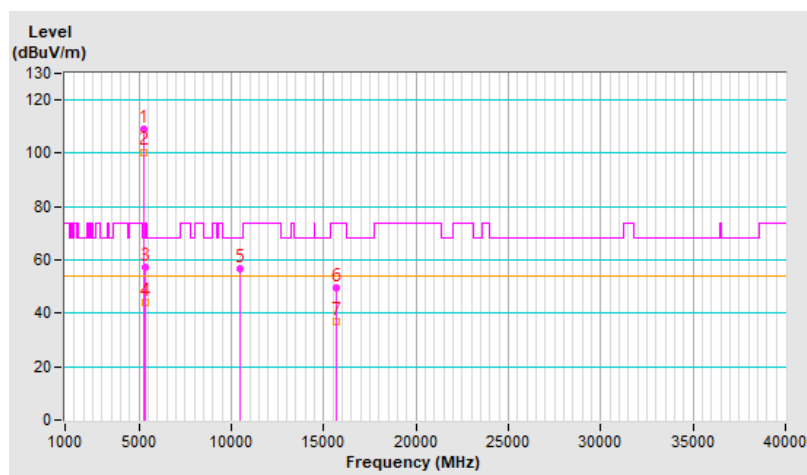


RF Mode	802.11ax (HE20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	109.0 PK			3.96 V	70	106.4	2.6
2	*5240.00	100.5 AV			3.96 V	70	97.9	2.6
3	5350.00	57.1 PK	74.0	-16.9	3.96 V	74	54.2	2.9
4	5350.00	44.3 AV	54.0	-9.7	3.96 V	74	41.4	2.9
5	#10480.00	56.8 PK	68.2	-11.4	1.42 V	235	45.2	11.6
6	15720.00	49.5 PK	74.0	-24.5	1.45 V	81	37.6	11.9
7	15720.00	37.0 AV	54.0	-17.0	1.45 V	81	25.1	11.9

Remarks:

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

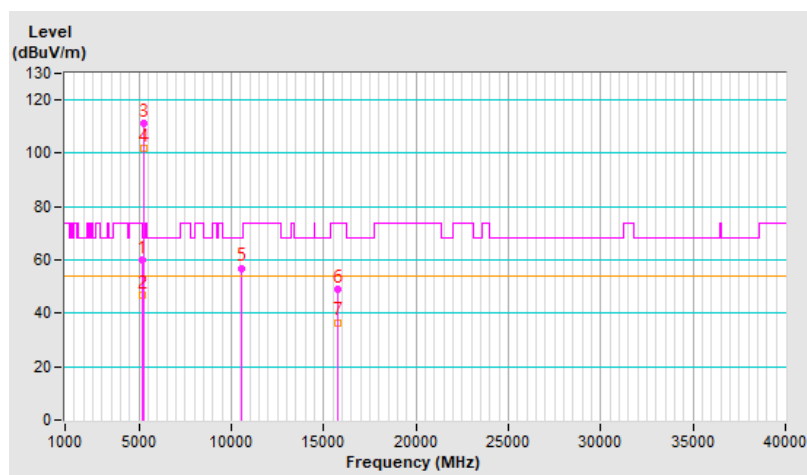


RF Mode	802.11ax (HE20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.8 PK	74.0	-14.2	1.42 H	153	56.4	3.4
2	5150.00	46.8 AV	54.0	-7.2	1.42 H	153	43.4	3.4
3	*5260.00	111.3 PK			1.42 H	153	108.7	2.6
4	*5260.00	102.0 AV			1.42 H	153	99.4	2.6
5	#10520.00	57.0 PK	68.2	-11.2	1.45 H	239	45.2	11.8
6	15780.00	49.2 PK	74.0	-24.8	1.46 H	101	36.9	12.3
7	15780.00	36.6 AV	54.0	-17.4	1.46 H	101	24.3	12.3

Remarks:

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

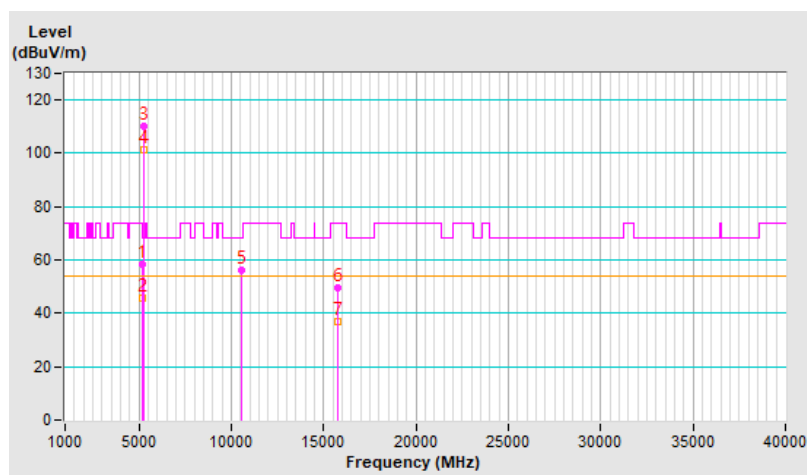


RF Mode	802.11ax (HE20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.6 PK	74.0	-15.4	3.99 V	69	55.2	3.4
2	5150.00	45.9 AV	54.0	-8.1	3.99 V	69	42.5	3.4
3	*5260.00	110.1 PK			3.99 V	69	107.5	2.6
4	*5260.00	101.5 AV			3.99 V	69	98.9	2.6
5	#10520.00	56.3 PK	68.2	-11.9	1.45 V	257	44.5	11.8
6	15780.00	49.4 PK	74.0	-24.6	1.55 V	77	37.1	12.3
7	15780.00	36.7 AV	54.0	-17.3	1.55 V	77	24.4	12.3

Remarks:

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

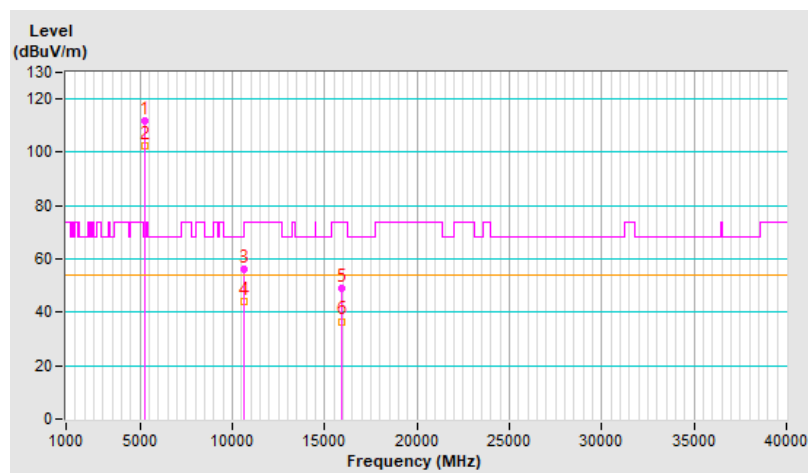


RF Mode	802.11ax (HE20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	111.7 PK			1.56 H	161	109.2	2.5
2	*5300.00	102.3 AV			1.56 H	161	99.8	2.5
3	10600.00	56.2 PK	74.0	-17.8	1.44 H	229	44.0	12.2
4	10600.00	44.1 AV	54.0	-9.9	1.44 H	229	31.9	12.2
5	15900.00	49.1 PK	74.0	-24.9	1.46 H	103	36.5	12.6
6	15900.00	36.6 AV	54.0	-17.4	1.46 H	103	24.0	12.6

Remarks:

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

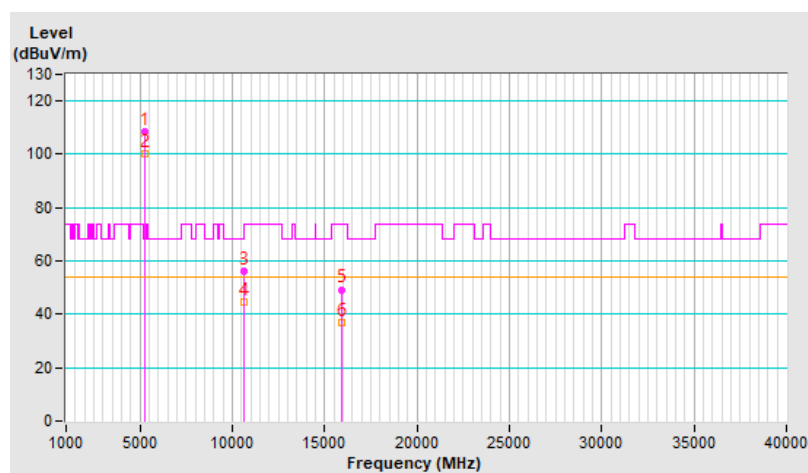


RF Mode	802.11ax (HE20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	108.6 PK			3.98 V	65	106.1	2.5
2	*5300.00	100.4 AV			3.98 V	65	97.9	2.5
3	10600.00	56.2 PK	74.0	-17.8	1.46 V	253	44.0	12.2
4	10600.00	44.6 AV	54.0	-9.4	1.46 V	253	32.4	12.2
5	15900.00	49.3 PK	74.0	-24.7	1.51 V	95	36.7	12.6
6	15900.00	36.8 AV	54.0	-17.2	1.51 V	95	24.2	12.6

Remarks:

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

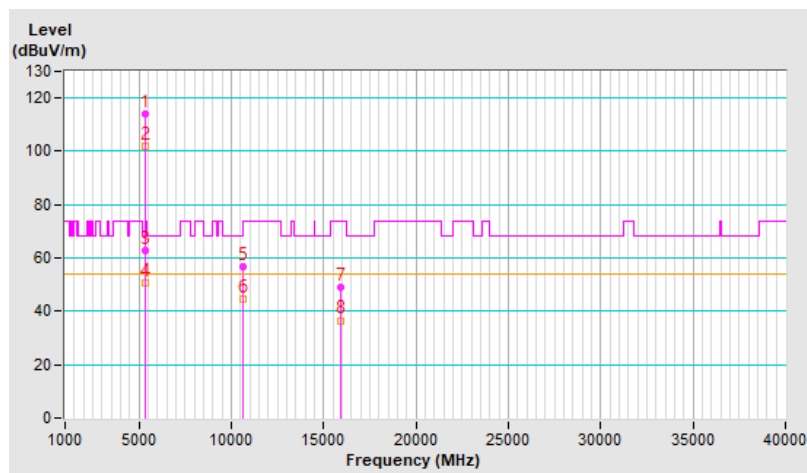


RF Mode	802.11ax (HE20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	113.9 PK			1.00 H	177	111.1	2.8
2	*5320.00	102.0 AV			1.00 H	177	99.2	2.8
3	5350.00	62.7 PK	74.0	-11.3	1.00 H	177	59.8	2.9
4	5350.00	50.9 AV	54.0	-3.1	1.00 H	177	48.0	2.9
5	10640.00	56.7 PK	74.0	-17.3	1.47 H	248	44.5	12.2
6	10640.00	44.8 AV	54.0	-9.2	1.47 H	248	32.6	12.2
7	15960.00	48.9 PK	74.0	-25.1	1.46 H	111	36.6	12.3
8	15960.00	36.6 AV	54.0	-17.4	1.46 H	111	24.3	12.3

Remarks:

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

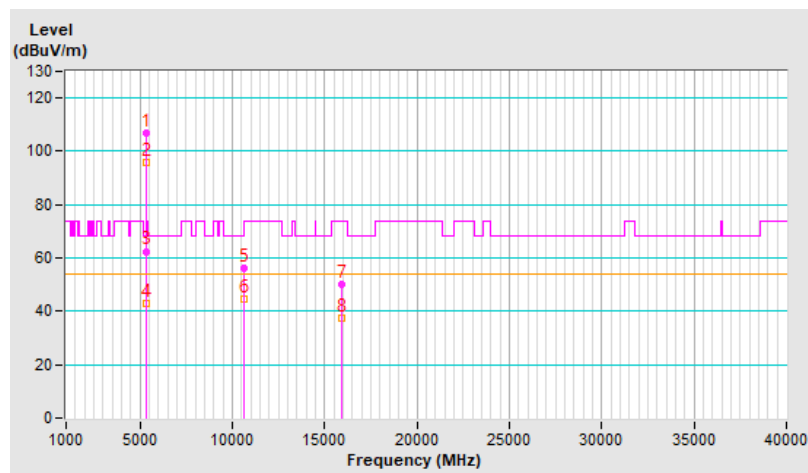


RF Mode	802.11ax (HE20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	107.0 PK			2.76 V	81	104.2	2.8
2	*5320.00	96.0 AV			2.76 V	81	93.2	2.8
3	5350.00	62.5 PK	74.0	-11.5	2.76 V	81	59.6	2.9
4	5350.00	42.9 AV	54.0	-11.1	2.76 V	81	40.0	2.9
5	10640.00	56.4 PK	74.0	-17.6	1.46 V	258	44.2	12.2
6	10640.00	44.5 AV	54.0	-9.5	1.46 V	258	32.3	12.2
7	15960.00	50.3 PK	74.0	-23.7	1.56 V	79	38.0	12.3
8	15960.00	37.6 AV	54.0	-16.4	1.56 V	79	25.3	12.3

Remarks:

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

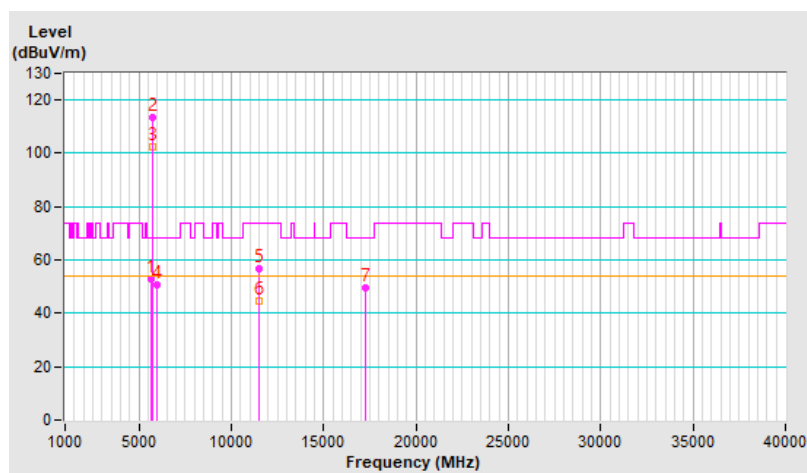


RF Mode	802.11ax (HE20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5644.43	52.7 PK	68.2	-15.5	1.35 H	196	49.7	3.0
2	*5745.00	113.6 PK			1.35 H	196	110.1	3.5
3	*5745.00	102.5 AV			1.35 H	196	99.0	3.5
4	#5943.35	50.9 PK	68.2	-17.3	1.35 H	196	47.3	3.6
5	11490.00	56.9 PK	74.0	-17.1	1.41 H	230	44.3	12.6
6	11490.00	44.8 AV	54.0	-9.2	1.41 H	230	32.2	12.6
7	#17235.00	49.4 PK	68.2	-18.8	1.49 H	94	32.1	17.3

Remarks:

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

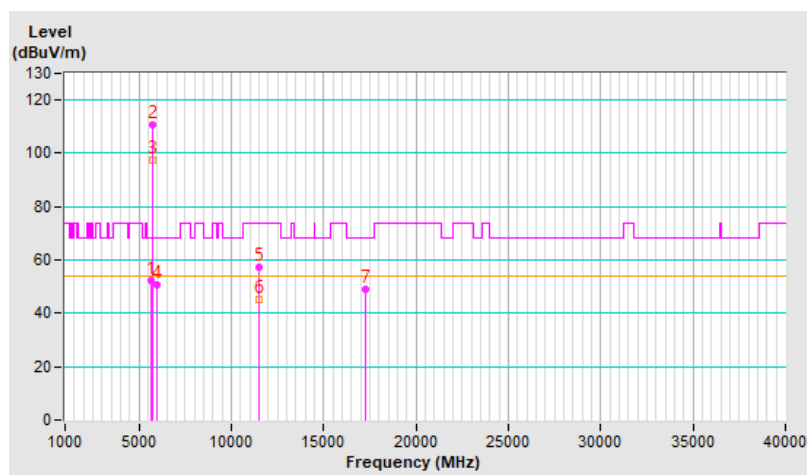


RF Mode	802.11ax (HE20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5627.43	52.1 PK	68.2	-16.1	1.36 V	360	49.1	3.0
2	*5745.00	110.9 PK			1.36 V	360	107.4	3.5
3	*5745.00	97.5 AV			1.36 V	360	94.0	3.5
4	#5936.32	50.5 PK	68.2	-17.7	1.36 V	360	46.9	3.6
5	11490.00	57.2 PK	74.0	-16.8	1.49 V	236	44.6	12.6
6	11490.00	45.1 AV	54.0	-8.9	1.49 V	236	32.5	12.6
7	#17235.00	49.1 PK	68.2	-19.1	1.47 V	77	31.8	17.3

Remarks:

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

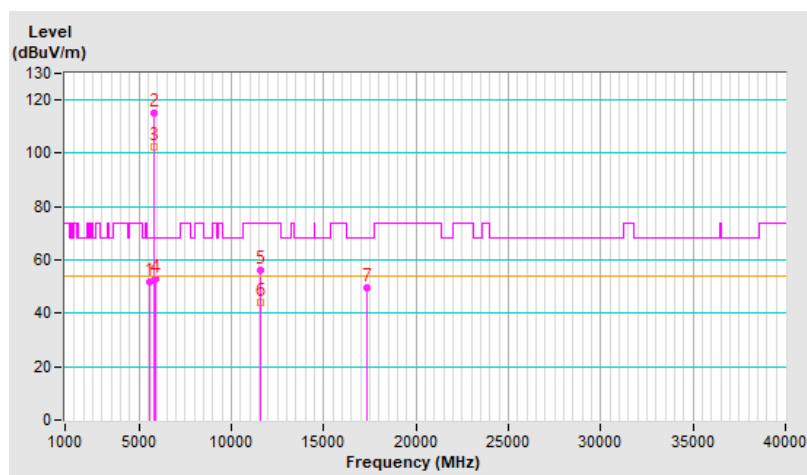


RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5609.84	52.0 PK	68.2	-16.2	1.04 H	193	49.0	3.0
2	*5785.00	114.9 PK			1.04 H	193	111.4	3.5
3	*5785.00	102.3 AV			1.04 H	193	98.8	3.5
4	#5932.41	52.9 PK	68.2	-15.3	1.04 H	193	49.3	3.6
5	11570.00	56.3 PK	74.0	-17.7	1.49 H	239	43.8	12.5
6	11570.00	44.2 AV	54.0	-9.8	1.49 H	239	31.7	12.5
7	#17355.00	49.6 PK	68.2	-18.6	1.51 H	95	32.0	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.

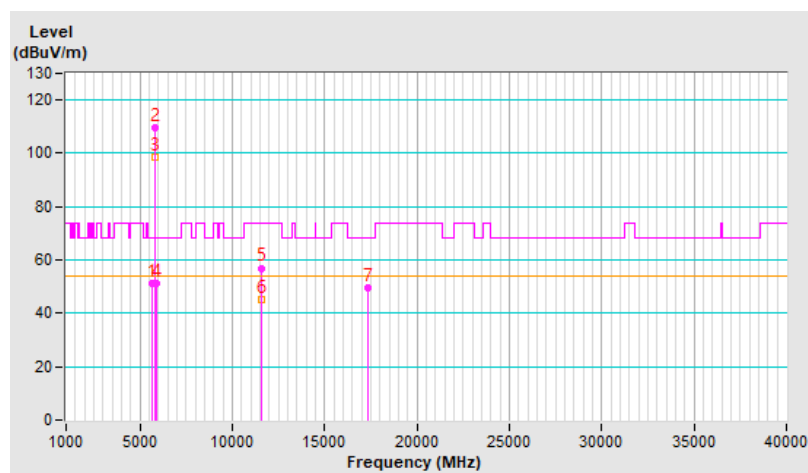


RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5640.65	51.1 PK	68.2	-17.1	3.72 V	332	48.0	3.1
2	*5785.00	109.4 PK			3.72 V	332	105.9	3.5
3	*5785.00	98.4 AV			3.72 V	332	94.9	3.5
4	#5932.29	51.4 PK	68.2	-16.8	3.72 V	332	47.8	3.6
5	11570.00	57.0 PK	74.0	-17.0	1.43 V	245	44.5	12.5
6	11570.00	45.0 AV	54.0	-9.0	1.43 V	245	32.5	12.5
7	#17355.00	49.7 PK	68.2	-18.5	1.57 V	90	32.1	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.

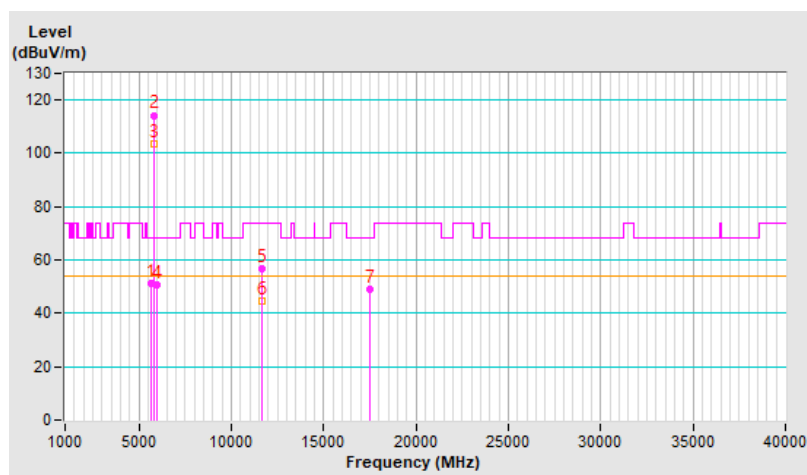


RF Mode	802.11ax (HE20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5629.12	51.2 PK	68.2	-17.0	3.88 H	175	48.2	3.0
2	*5825.00	114.3 PK			3.88 H	175	110.6	3.7
3	*5825.00	103.6 AV			3.88 H	175	99.9	3.7
4	#5934.83	50.8 PK	68.2	-17.4	3.88 H	175	47.2	3.6
5	11650.00	56.6 PK	74.0	-17.4	1.50 H	250	44.5	12.1
6	11650.00	44.6 AV	54.0	-9.4	1.50 H	250	32.5	12.1
7	#17475.00	49.2 PK	68.2	-19.0	1.50 H	99	31.0	18.2

Remarks:

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

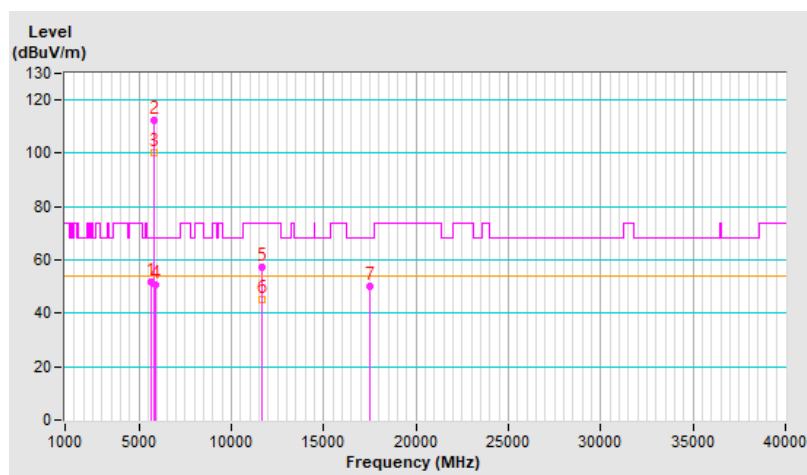


RF Mode	802.11ax (HE20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.65	51.8 PK	68.2	-16.4	3.69 V	338	48.8	3.0
2	*5825.00	112.1 PK			3.69 V	338	108.4	3.7
3	*5825.00	100.2 AV			3.69 V	338	96.5	3.7
4	#5928.84	50.7 PK	68.2	-17.5	3.69 V	338	47.1	3.6
5	11650.00	57.2 PK	74.0	-16.8	1.39 V	255	45.1	12.1
6	11650.00	45.2 AV	54.0	-8.8	1.39 V	255	33.1	12.1
7	#17475.00	50.2 PK	68.2	-18.0	1.46 V	94	32.0	18.2

Remarks:

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

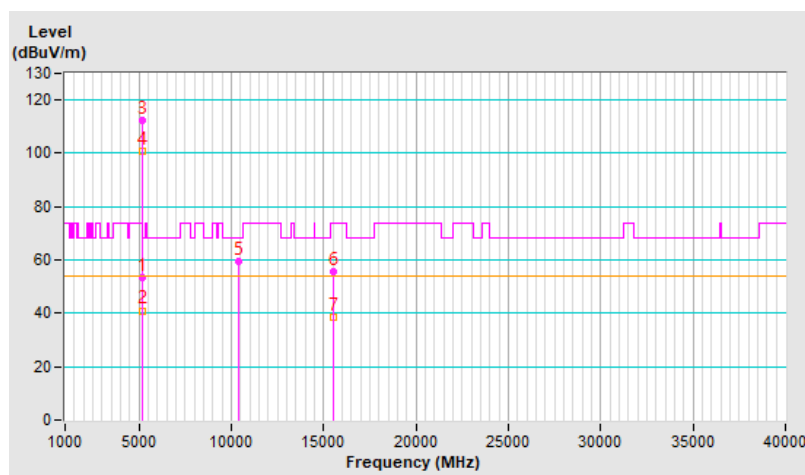


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	53.3 PK	74.0	-20.7	1.50 V	48	49.9	3.4
2	5150.00	41.0 AV	54.0	-13.0	1.50 V	48	37.6	3.4
3	*5180.00	112.3 PK			1.50 V	48	109.2	3.1
4	*5180.00	100.8 AV			1.50 V	48	97.7	3.1
5	#10360.00	59.3 PK	68.2	-8.9	3.38 V	258	47.8	11.5
6	15540.00	55.7 PK	74.0	-18.3	3.09 V	194	43.5	12.2
7	15540.00	38.7 AV	54.0	-15.3	3.09 V	194	26.5	12.2

Remarks:

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

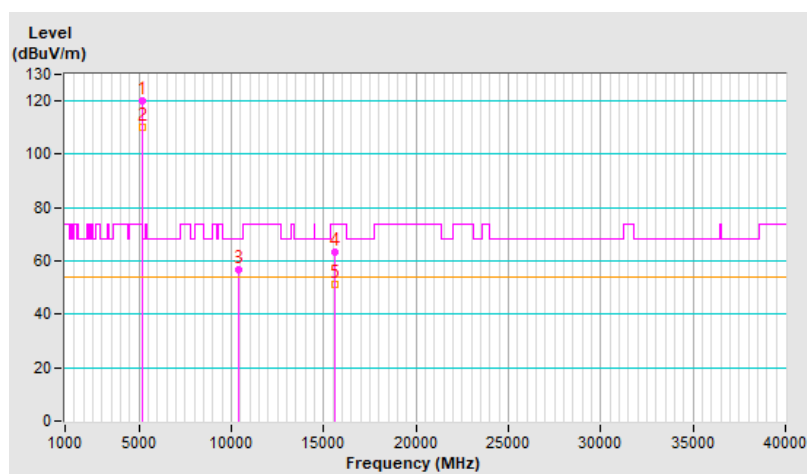


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	120.2 PK			2.25 H	157	117.3	2.9
2	*5200.00	110.0 AV			2.25 H	157	107.1	2.9
3	#10400.00	56.8 PK	68.2	-11.4	2.33 H	233	45.2	11.6
4	15600.00	63.2 PK	74.0	-10.8	1.93 H	360	51.5	11.7
5	15600.00	51.0 AV	54.0	-3.0	1.93 H	360	39.3	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.

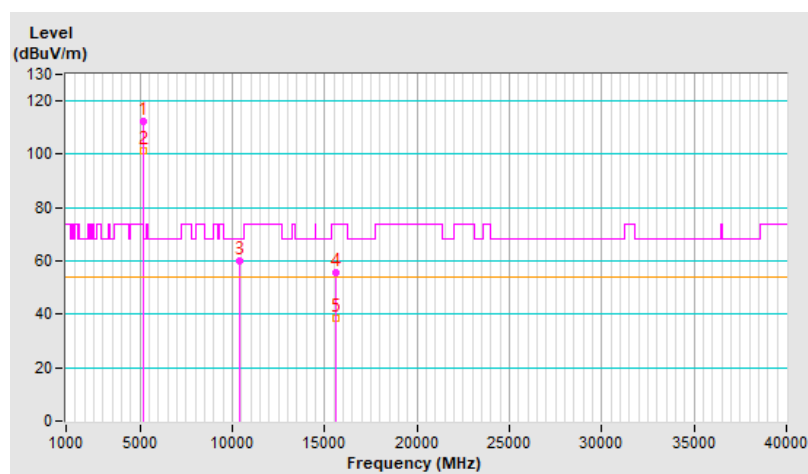


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	112.6 PK			1.48 V	47	109.7	2.9
2	*5200.00	101.3 AV			1.48 V	47	98.4	2.9
3	#10400.00	59.8 PK	68.2	-8.4	3.44 V	270	48.2	11.6
4	15600.00	55.4 PK	74.0	-18.6	3.04 V	198	43.7	11.7
5	15600.00	38.7 AV	54.0	-15.3	3.04 V	198	27.0	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.

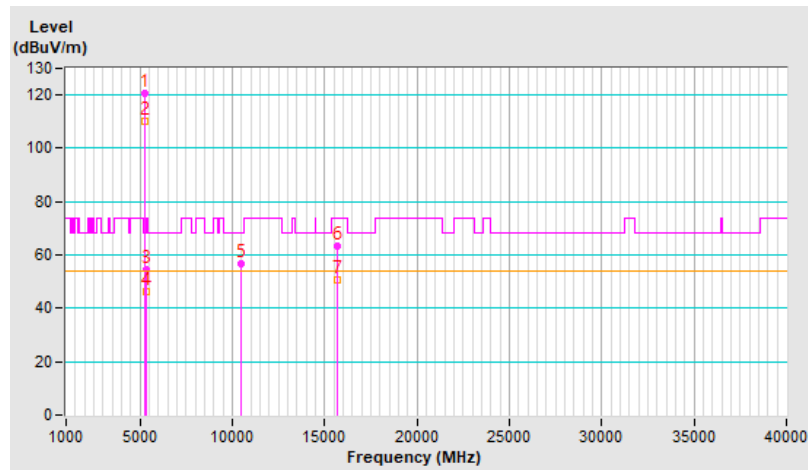


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	120.5 PK			2.27 H	163	117.9	2.6
2	*5240.00	110.3 AV			2.27 H	163	107.7	2.6
3	5350.00	54.5 PK	74.0	-19.5	2.27 H	163	51.6	2.9
4	5350.00	46.3 AV	54.0	-7.7	2.27 H	163	43.4	2.9
5	#10480.00	56.9 PK	68.2	-11.3	2.31 H	242	45.3	11.6
6	15720.00	63.2 PK	74.0	-10.8	1.90 H	360	51.3	11.9
7	15720.00	50.7 AV	54.0	-3.3	1.90 H	360	38.8	11.9

Remarks:

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

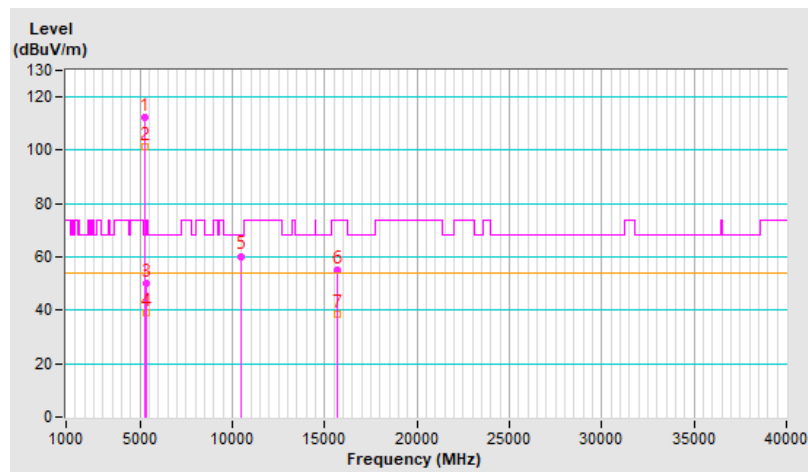


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	112.4 PK			1.43 V	46	109.8	2.6
2	*5240.00	101.2 AV			1.43 V	46	98.6	2.6
3	5350.00	49.9 PK	74.0	-24.1	1.43 V	46	47.0	2.9
4	5350.00	39.2 AV	54.0	-14.8	1.43 V	46	36.3	2.9
5	#10480.00	60.3 PK	68.2	-7.9	3.42 V	260	48.7	11.6
6	15720.00	54.9 PK	74.0	-19.1	3.10 V	196	43.0	11.9
7	15720.00	38.3 AV	54.0	-15.7	3.10 V	196	26.4	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.

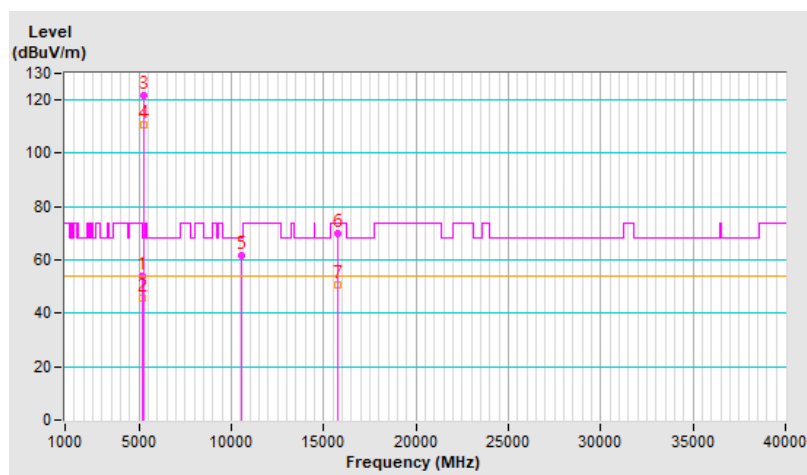


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	53.9 PK	74.0	-20.1	1.02 H	187	50.5	3.4
2	5150.00	45.9 AV	54.0	-8.1	1.02 H	187	42.5	3.4
3	*5260.00	121.5 PK			1.02 H	187	118.9	2.6
4	*5260.00	110.8 AV			1.02 H	187	108.2	2.6
5	#10520.00	61.5 PK	68.2	-6.7	1.01 H	117	49.7	11.8
6	15780.00	70.1 PK	74.0	-3.9	1.89 H	16	57.8	12.3
7	15780.00	50.7 AV	54.0	-3.3	1.89 H	16	38.4	12.3

Remarks:

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

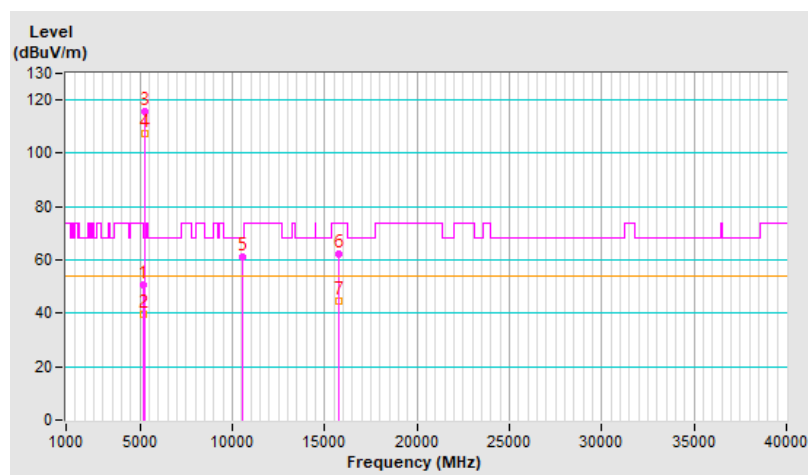


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.5 PK	74.0	-23.5	3.99 V	65	47.1	3.4
2	5150.00	39.7 AV	54.0	-14.3	3.99 V	65	36.3	3.4
3	*5260.00	115.8 PK			3.99 V	65	113.2	2.6
4	*5260.00	107.3 AV			3.99 V	65	104.7	2.6
5	#10520.00	61.3 PK	68.2	-6.9	1.04 V	279	49.5	11.8
6	15780.00	62.3 PK	74.0	-11.7	3.01 V	209	50.0	12.3
7	15780.00	44.5 AV	54.0	-9.5	3.01 V	209	32.2	12.3

Remarks:

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

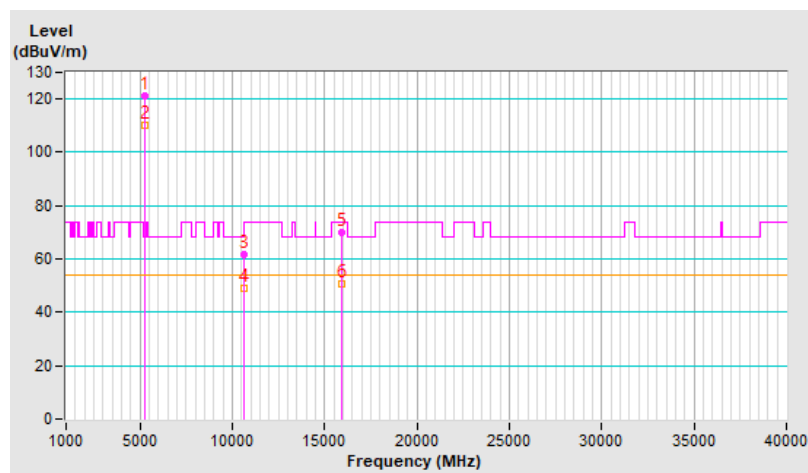


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	121.2 PK			1.01 H	173	118.7	2.5
2	*5300.00	110.4 AV			1.01 H	173	107.9	2.5
3	10600.00	61.6 PK	74.0	-12.4	1.05 H	121	49.4	12.2
4	10600.00	48.9 AV	54.0	-5.1	1.05 H	121	36.7	12.2
5	15900.00	70.0 PK	74.0	-4.0	1.94 H	18	57.4	12.6
6	15900.00	50.6 AV	54.0	-3.4	1.94 H	18	38.0	12.6

Remarks:

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

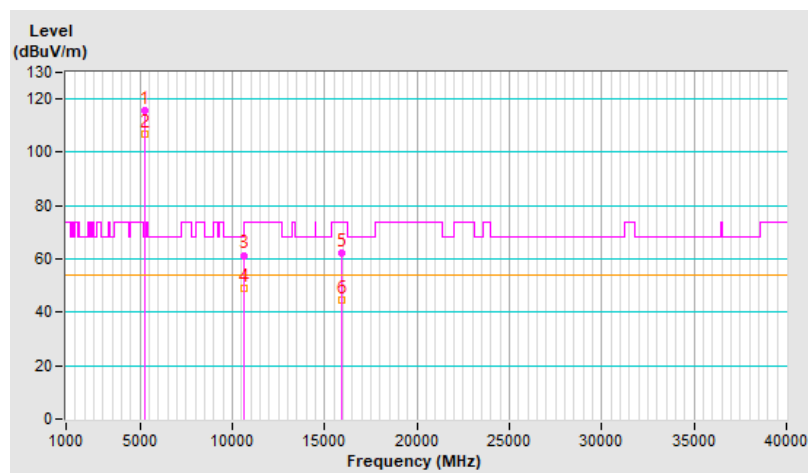


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	115.5 PK			3.98 V	64	113.0	2.5
2	*5300.00	106.8 AV			3.98 V	64	104.3	2.5
3	10600.00	61.4 PK	74.0	-12.6	1.01 V	285	49.2	12.2
4	10600.00	49.1 AV	54.0	-4.9	1.01 V	285	36.9	12.2
5	15900.00	62.1 PK	74.0	-11.9	2.99 V	213	49.5	12.6
6	15900.00	44.5 AV	54.0	-9.5	2.99 V	213	31.9	12.6

Remarks:

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

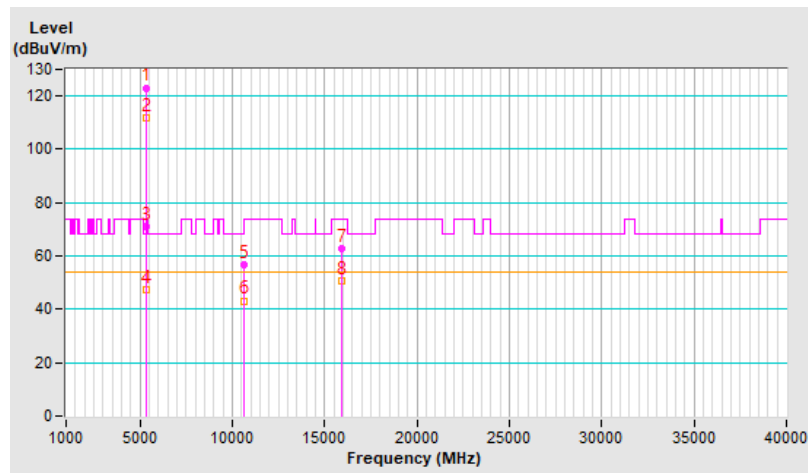


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	123.1 PK			1.00 H	185	120.3	2.8
2	*5320.00	111.6 AV			1.00 H	185	108.8	2.8
3	5350.00	71.0 PK	74.0	-3.0	1.00 H	185	68.1	2.9
4	5350.00	47.5 AV	54.0	-6.5	1.00 H	185	44.6	2.9
5	10640.00	56.5 PK	74.0	-17.5	2.35 H	244	44.3	12.2
6	10640.00	43.2 AV	54.0	-10.8	2.35 H	244	31.0	12.2
7	15960.00	63.0 PK	74.0	-11.0	1.96 H	360	50.7	12.3
8	15960.00	50.9 AV	54.0	-3.1	1.96 H	360	38.6	12.3

Remarks:

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

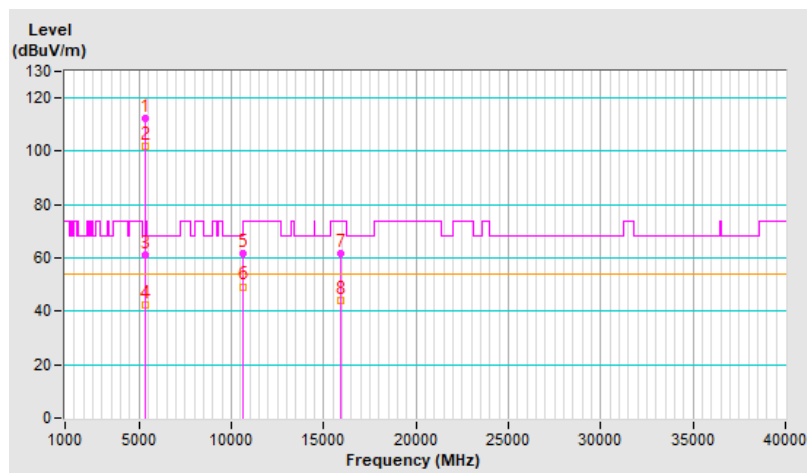


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	112.4 PK			1.50 V	28	109.6	2.8
2	*5320.00	101.8 AV			1.50 V	28	99.0	2.8
3	5350.00	61.2 PK	74.0	-12.8	1.50 V	28	58.3	2.9
4	5350.00	42.2 AV	54.0	-11.8	1.50 V	28	39.3	2.9
5	10640.00	61.6 PK	74.0	-12.4	1.01 V	285	49.4	12.2
6	10640.00	49.3 AV	54.0	-4.7	1.01 V	285	37.1	12.2
7	15960.00	61.9 PK	74.0	-12.1	3.02 V	226	49.6	12.3
8	15960.00	44.0 AV	54.0	-10.0	3.02 V	226	31.7	12.3

Remarks:

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

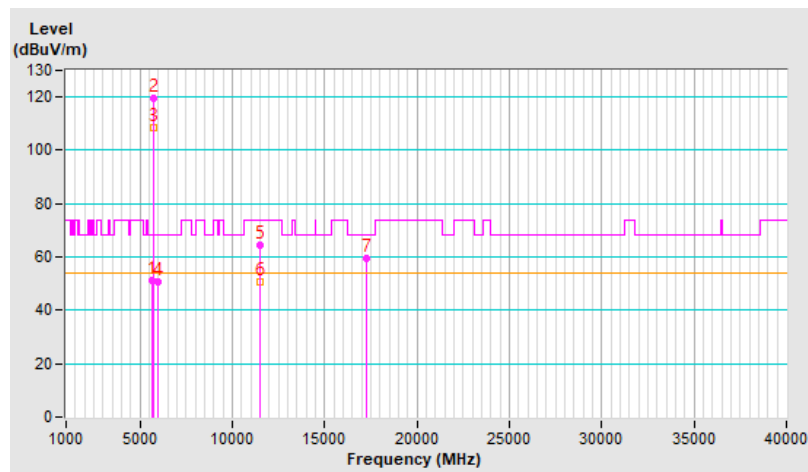


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5636.62	51.4 PK	68.2	-16.8	1.17 H	204	48.3	3.1
2	*5745.00	119.7 PK			1.17 H	204	116.2	3.5
3	*5745.00	108.4 AV			1.17 H	204	104.9	3.5
4	#5938.75	50.9 PK	68.2	-17.3	1.17 H	204	47.3	3.6
5	11490.00	64.6 PK	74.0	-9.4	1.71 H	170	52.0	12.6
6	11490.00	50.8 AV	54.0	-3.2	1.71 H	170	38.2	12.6
7	#17235.00	59.4 PK	68.2	-8.8	1.82 H	360	42.1	17.3

Remarks:

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

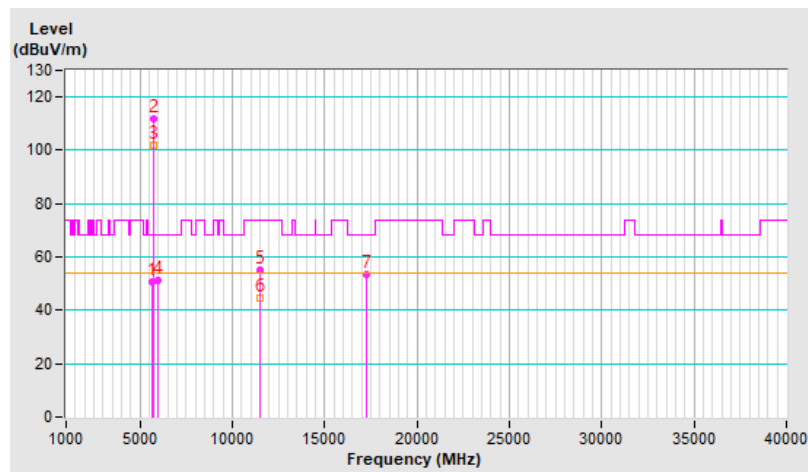


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5649.55	50.9 PK	68.2	-17.3	1.14 V	7	47.9	3.0
2	*5745.00	112.0 PK			1.14 V	7	108.5	3.5
3	*5745.00	101.7 AV			1.14 V	7	98.2	3.5
4	#5948.74	51.0 PK	68.2	-17.2	1.14 V	7	47.5	3.5
5	11490.00	55.1 PK	74.0	-18.9	1.53 V	196	42.5	12.6
6	11490.00	44.4 AV	54.0	-9.6	1.53 V	196	31.8	12.6
7	#17235.00	53.4 PK	68.2	-14.8	1.68 V	84	36.1	17.3

Remarks:

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

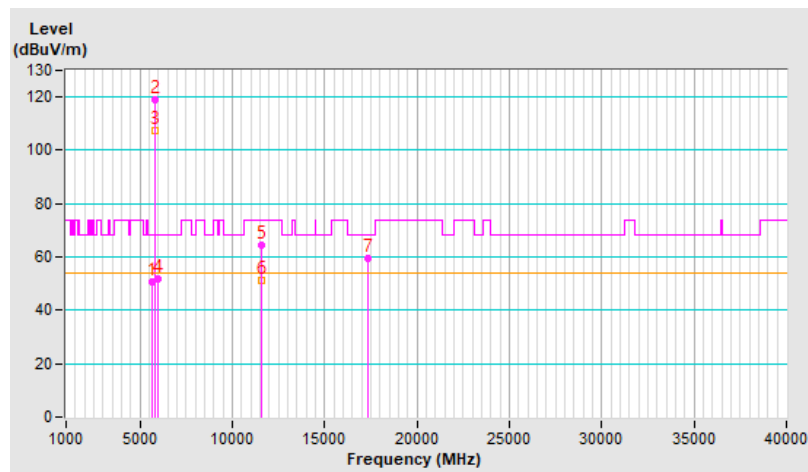


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5635.69	50.9 PK	68.2	-17.3	1.18 H	206	47.8	3.1
2	*5785.00	119.1 PK			1.18 H	206	115.6	3.5
3	*5785.00	107.6 AV			1.18 H	206	104.1	3.5
4	#5946.40	51.7 PK	68.2	-16.5	1.18 H	206	48.2	3.5
5	11570.00	64.6 PK	74.0	-9.4	1.75 H	155	52.1	12.5
6	11570.00	51.0 AV	54.0	-3.0	1.75 H	155	38.5	12.5
7	#17355.00	59.7 PK	68.2	-8.5	1.81 H	360	42.1	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.

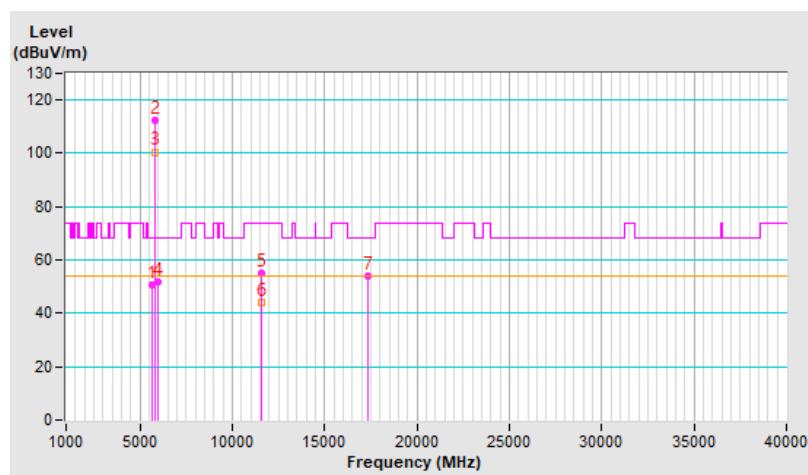


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5645.42	50.5 PK	68.2	-17.7	1.16 V	12	47.5	3.0
2	*5785.00	112.5 PK			1.16 V	12	109.0	3.5
3	*5785.00	100.5 AV			1.16 V	12	97.0	3.5
4	#5936.60	51.8 PK	68.2	-16.4	1.16 V	12	48.2	3.6
5	11570.00	55.0 PK	74.0	-19.0	1.58 V	195	42.5	12.5
6	11570.00	44.1 AV	54.0	-9.9	1.58 V	195	31.6	12.5
7	#17355.00	53.9 PK	68.2	-14.3	1.68 V	88	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.

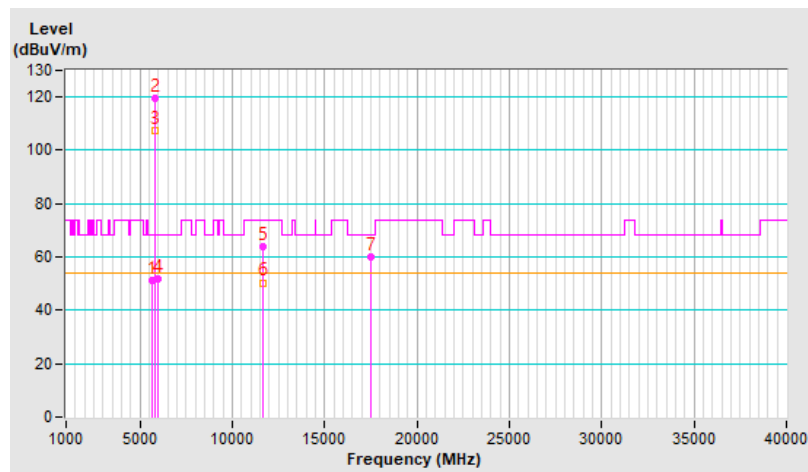


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5643.34	51.1 PK	68.2	-17.1	1.21 H	210	48.1	3.0
2	*5825.00	119.4 PK			1.21 H	210	115.7	3.7
3	*5825.00	107.3 AV			1.21 H	210	103.6	3.7
4	#5937.42	51.9 PK	68.2	-16.3	1.21 H	210	48.3	3.6
5	11650.00	64.1 PK	74.0	-9.9	1.67 H	159	52.0	12.1
6	11650.00	50.4 AV	54.0	-3.6	1.67 H	159	38.3	12.1
7	#17475.00	59.9 PK	68.2	-8.3	1.82 H	360	41.7	18.2

Remarks:

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

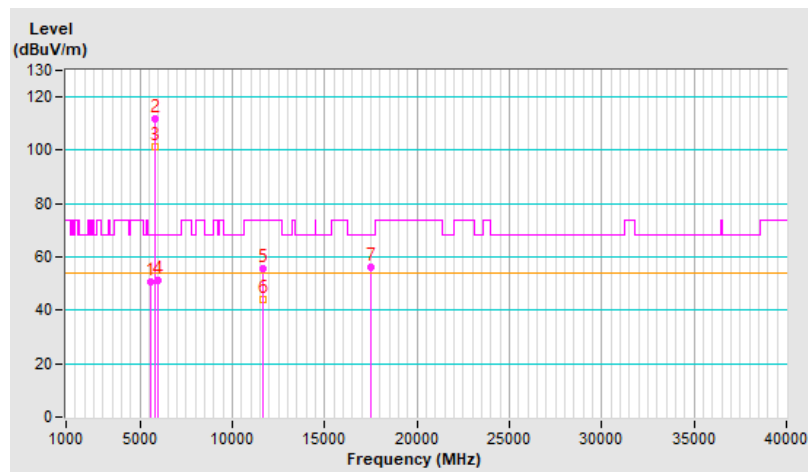


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5615.67	50.6 PK	68.2	-17.6	1.16 V	10	47.6	3.0
2	*5825.00	111.8 PK			1.16 V	10	108.1	3.7
3	*5825.00	101.2 AV			1.16 V	10	97.5	3.7
4	#5947.54	51.1 PK	68.2	-17.1	1.16 V	10	47.6	3.5
5	11650.00	55.5 PK	74.0	-18.5	1.67 V	203	43.4	12.1
6	11650.00	44.2 AV	54.0	-9.8	1.67 V	203	32.1	12.1
7	#17475.00	56.2 PK	68.2	-12.0	1.53 V	210	38.0	18.2

Remarks:

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

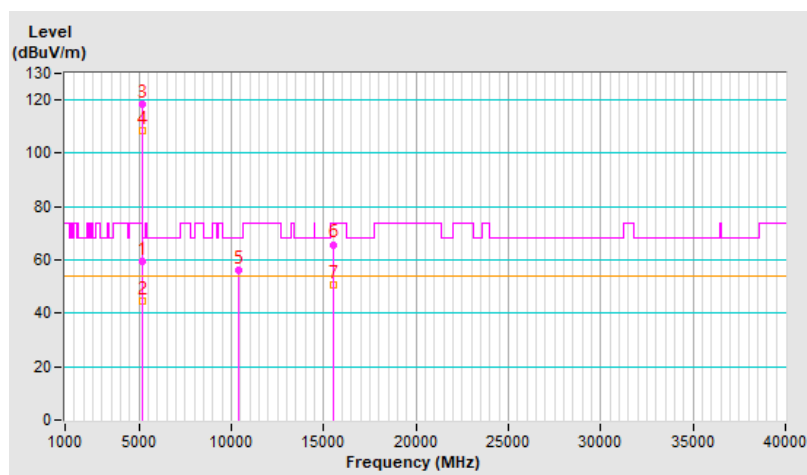


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.7 PK	74.0	-14.3	2.22 H	153	56.3	3.4
2	5150.00	44.8 AV	54.0	-9.2	2.22 H	153	41.4	3.4
3	*5180.00	118.2 PK			2.22 H	153	115.1	3.1
4	*5180.00	108.7 AV			2.22 H	153	105.6	3.1
5	#10360.00	56.4 PK	68.2	-11.8	2.35 H	219	44.9	11.5
6	15540.00	65.8 PK	74.0	-8.2	1.88 H	360	53.6	12.2
7	15540.00	50.9 AV	54.0	-3.1	1.88 H	360	38.7	12.2

Remarks:

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

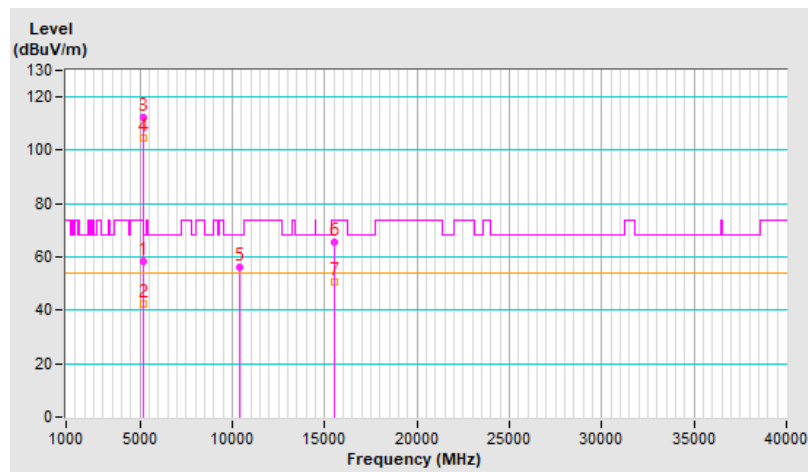


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.4 PK	74.0	-15.6	3.89 V	92	55.0	3.4
2	5150.00	42.5 AV	54.0	-11.5	3.89 V	92	39.1	3.4
3	*5180.00	112.4 PK			3.89 V	92	109.3	3.1
4	*5180.00	104.8 AV			3.89 V	92	101.7	3.1
5	#10360.00	56.4 PK	68.2	-11.8	2.41 V	219	44.9	11.5
6	15540.00	65.6 PK	74.0	-8.4	1.93 V	360	53.4	12.2
7	15540.00	50.9 AV	54.0	-3.1	1.93 V	360	38.7	12.2

Remarks:

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

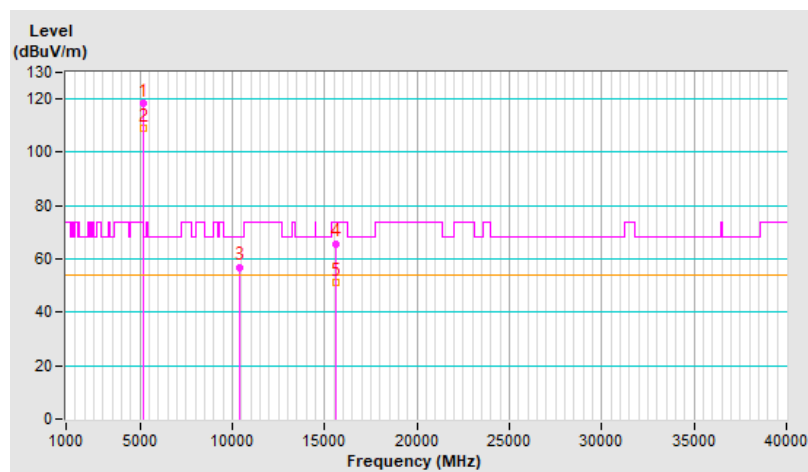


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	118.6 PK			2.26 H	141	115.7	2.9
2	*5200.00	109.1 AV			2.26 H	141	106.2	2.9
3	#10400.00	57.0 PK	68.2	-11.2	2.31 H	224	45.4	11.6
4	15600.00	65.8 PK	74.0	-8.2	1.86 H	360	54.1	11.7
5	15600.00	51.0 AV	54.0	-3.0	1.86 H	360	39.3	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.

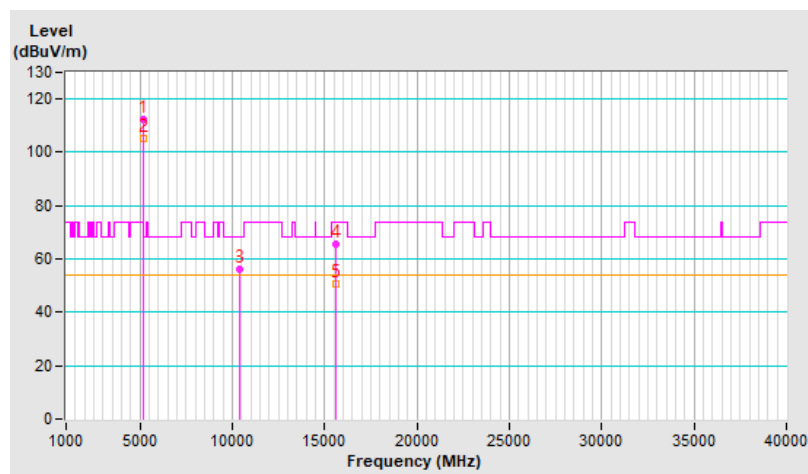


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	112.6 PK			3.93 V	89	109.7	2.9
2	*5200.00	105.2 AV			3.93 V	89	102.3	2.9
3	#10400.00	56.4 PK	68.2	-11.8	2.36 V	230	44.8	11.6
4	15600.00	65.3 PK	74.0	-8.7	1.88 V	360	53.6	11.7
5	15600.00	50.6 AV	54.0	-3.4	1.88 V	360	38.9	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.

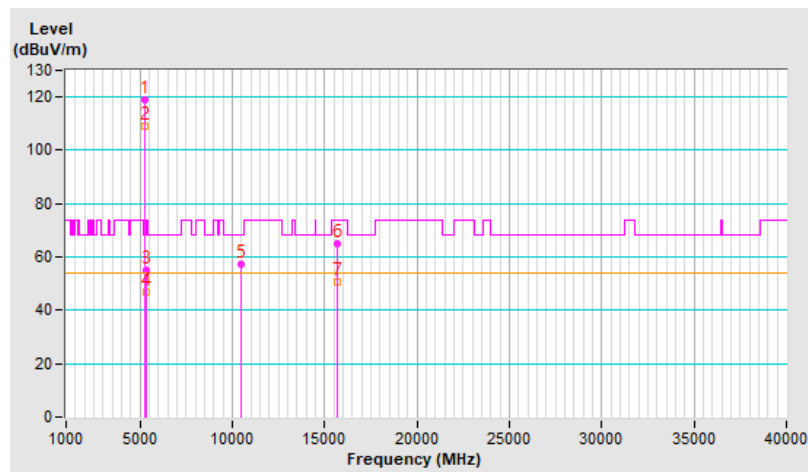


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	119.0 PK			2.27 H	152	116.4	2.6
2	*5240.00	109.3 AV			2.27 H	152	106.7	2.6
3	5350.00	55.0 PK	74.0	-19.0	2.27 H	152	52.1	2.9
4	5350.00	46.8 AV	54.0	-7.2	2.27 H	152	43.9	2.9
5	#10480.00	57.3 PK	68.2	-10.9	2.36 H	234	45.7	11.6
6	15720.00	65.1 PK	74.0	-8.9	1.85 H	360	53.2	11.9
7	15720.00	50.6 AV	54.0	-3.4	1.85 H	360	38.7	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.

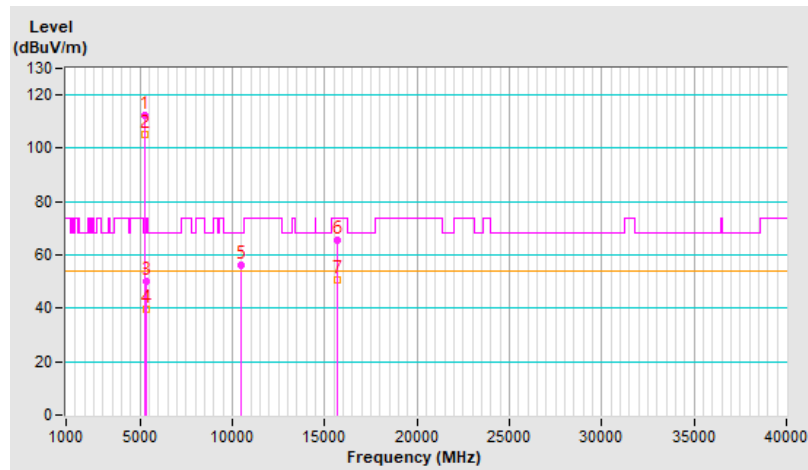


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	112.5 PK			3.85 V	81	109.9	2.6
2	*5240.00	105.4 AV			3.85 V	81	102.8	2.6
3	5350.00	50.2 PK	74.0	-23.8	3.85 V	81	47.3	2.9
4	5350.00	39.5 AV	54.0	-14.5	3.85 V	81	36.6	2.9
5	#10480.00	56.2 PK	68.2	-12.0	2.33 V	238	44.6	11.6
6	15720.00	65.3 PK	74.0	-8.7	1.88 V	352	53.4	11.9
7	15720.00	50.5 AV	54.0	-3.5	1.88 V	352	38.6	11.9

Remarks:

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

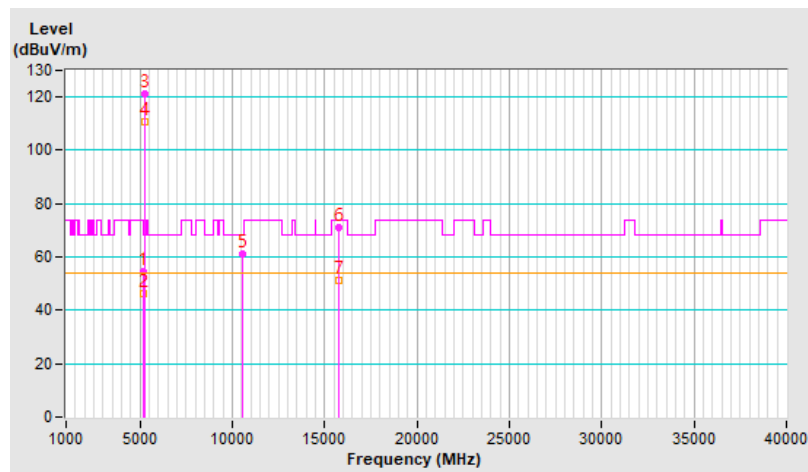


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.3 PK	74.0	-19.7	1.07 H	187	50.9	3.4
2	5150.00	46.2 AV	54.0	-7.8	1.07 H	187	42.8	3.4
3	*5260.00	121.1 PK			1.07 H	187	118.5	2.6
4	*5260.00	110.5 AV			1.07 H	187	107.9	2.6
5	#10520.00	61.3 PK	68.2	-6.9	1.04 H	119	49.5	11.8
6	15780.00	70.9 PK	74.0	-3.1	1.88 H	16	58.6	12.3
7	15780.00	51.0 AV	54.0	-3.0	1.88 H	16	38.7	12.3

Remarks:

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

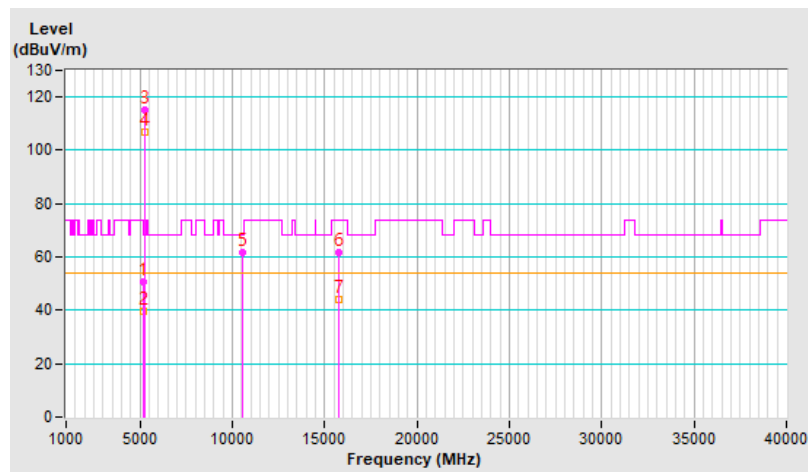


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.5 PK	74.0	-23.5	3.96 V	63	47.1	3.4
2	5150.00	39.7 AV	54.0	-14.3	3.96 V	63	36.3	3.4
3	*5260.00	115.2 PK			3.96 V	63	112.6	2.6
4	*5260.00	106.9 AV			3.96 V	63	104.3	2.6
5	#10520.00	61.5 PK	68.2	-6.7	1.02 V	285	49.7	11.8
6	15780.00	61.9 PK	74.0	-12.1	3.01 V	208	49.6	12.3
7	15780.00	44.0 AV	54.0	-10.0	3.01 V	208	31.7	12.3

Remarks:

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

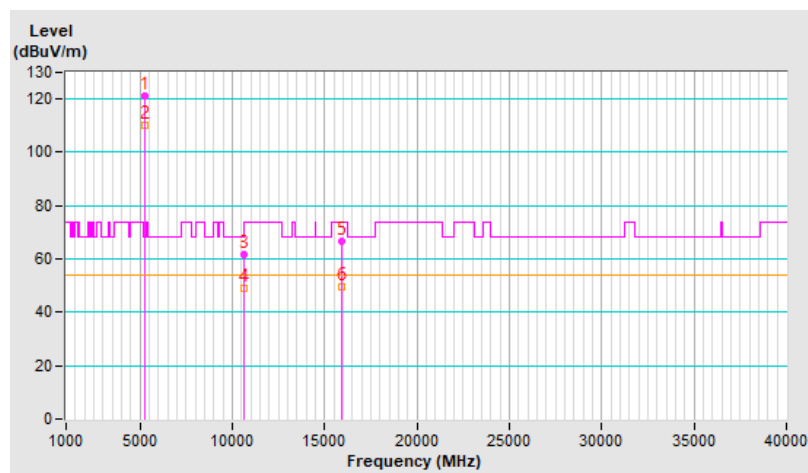


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	121.1 PK			1.00 H	173	118.6	2.5
2	*5300.00	110.2 AV			1.00 H	173	107.7	2.5
3	10600.00	61.7 PK	74.0	-12.3	1.03 H	119	49.5	12.2
4	10600.00	49.1 AV	54.0	-4.9	1.03 H	119	36.9	12.2
5	15900.00	66.7 PK	74.0	-7.3	1.94 H	21	54.1	12.6
6	15900.00	49.8 AV	54.0	-4.2	1.94 H	21	37.2	12.6

Remarks:

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

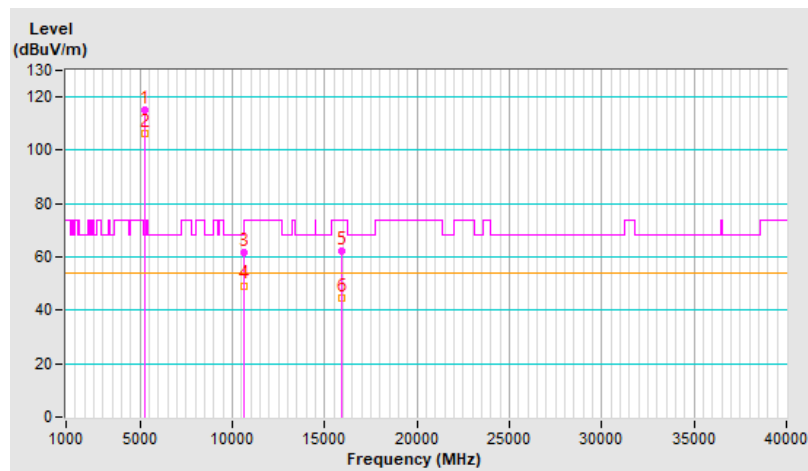


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	115.2 PK			3.98 V	75	112.7	2.5
2	*5300.00	106.4 AV			3.98 V	75	103.9	2.5
3	10600.00	61.5 PK	74.0	-12.5	1.01 V	289	49.3	12.2
4	10600.00	49.3 AV	54.0	-4.7	1.01 V	289	37.1	12.2
5	15900.00	62.0 PK	74.0	-12.0	2.98 V	207	49.4	12.6
6	15900.00	44.7 AV	54.0	-9.3	2.98 V	207	32.1	12.6

Remarks:

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

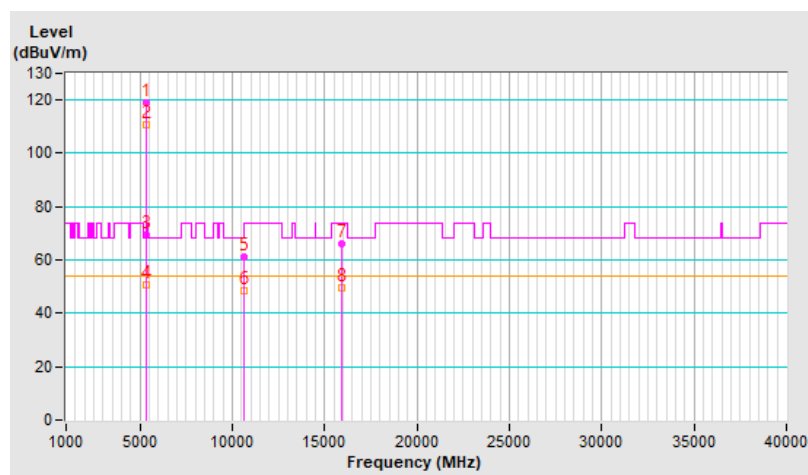


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	119.1 PK			1.00 H	181	116.3	2.8
2	*5320.00	110.5 AV			1.00 H	181	107.7	2.8
3	5350.00	69.4 PK	74.0	-4.6	1.00 H	181	66.5	2.9
4	5350.00	50.9 AV	54.0	-3.1	1.00 H	181	48.0	2.9
5	10640.00	61.1 PK	74.0	-12.9	1.00 H	134	48.9	12.2
6	10640.00	48.6 AV	54.0	-5.4	1.00 H	134	36.4	12.2
7	15960.00	66.3 PK	74.0	-7.7	1.93 H	13	54.0	12.3
8	15960.00	49.4 AV	54.0	-4.6	1.93 H	13	37.1	12.3

Remarks:

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

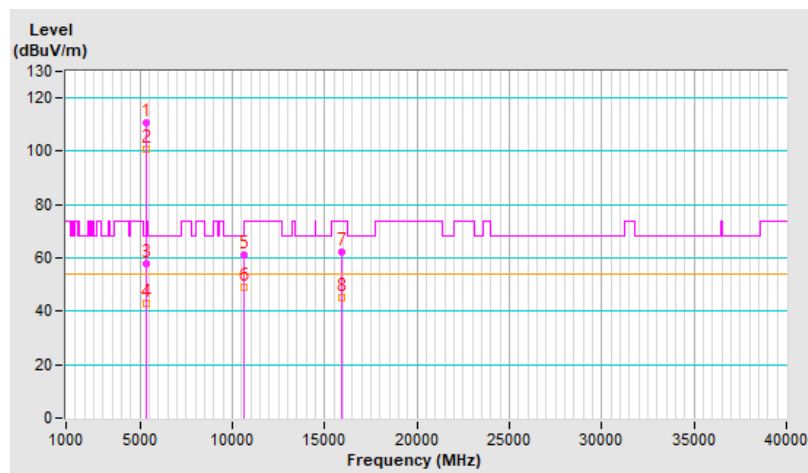


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	110.9 PK			1.47 V	28	108.1	2.8
2	*5320.00	100.9 AV			1.47 V	28	98.1	2.8
3	5350.00	57.6 PK	74.0	-16.4	1.47 V	28	54.7	2.9
4	5350.00	42.8 AV	54.0	-11.2	1.47 V	28	39.9	2.9
5	10640.00	61.1 PK	74.0	-12.9	1.06 V	283	48.9	12.2
6	10640.00	48.8 AV	54.0	-5.2	1.06 V	283	36.6	12.2
7	15960.00	62.3 PK	74.0	-11.7	2.94 V	215	50.0	12.3
8	15960.00	45.0 AV	54.0	-9.0	2.94 V	215	32.7	12.3

Remarks:

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

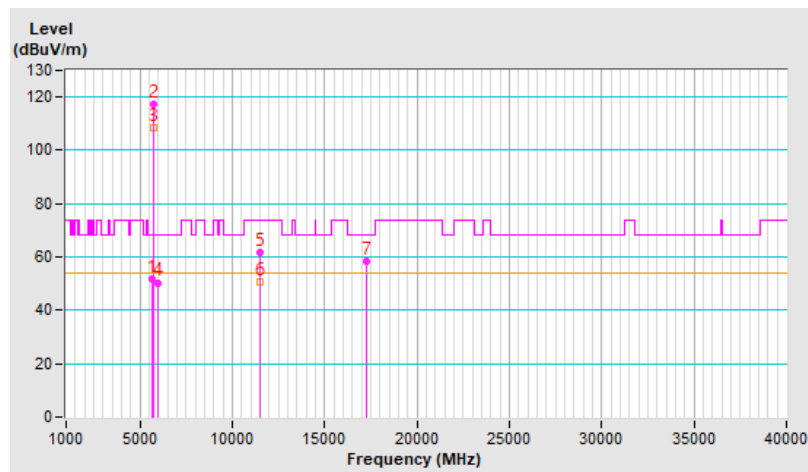


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5639.26	51.7 PK	68.2	-16.5	1.17 H	204	48.6	3.1
2	*5745.00	117.2 PK			1.17 H	204	113.7	3.5
3	*5745.00	108.4 AV			1.17 H	204	104.9	3.5
4	#5942.97	50.4 PK	68.2	-17.8	1.17 H	204	46.8	3.6
5	11490.00	61.8 PK	74.0	-12.2	1.73 H	153	49.2	12.6
6	11490.00	50.9 AV	54.0	-3.1	1.73 H	153	38.3	12.6
7	#17235.00	58.6 PK	68.2	-9.6	1.81 H	360	41.3	17.3

Remarks:

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

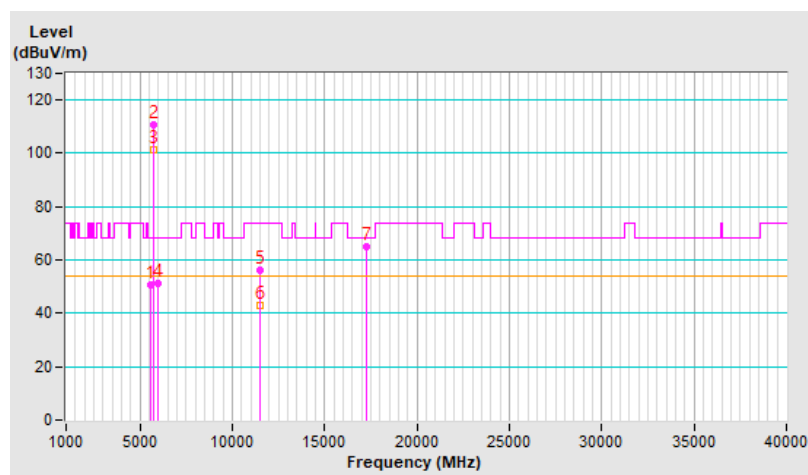


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5590.01	50.9 PK	68.2	-17.3	1.13 V	163	47.9	3.0
2	*5745.00	110.8 PK			1.13 V	163	107.3	3.5
3	*5745.00	101.1 AV			1.13 V	163	97.6	3.5
4	#5999.21	51.3 PK	68.2	-16.9	1.13 V	163	47.6	3.7
5	11490.00	56.4 PK	74.0	-17.6	2.42 V	219	43.8	12.6
6	11490.00	42.8 AV	54.0	-11.2	2.42 V	219	30.2	12.6
7	#17235.00	64.8 PK	68.2	-3.4	1.89 V	360	47.5	17.3

Remarks:

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

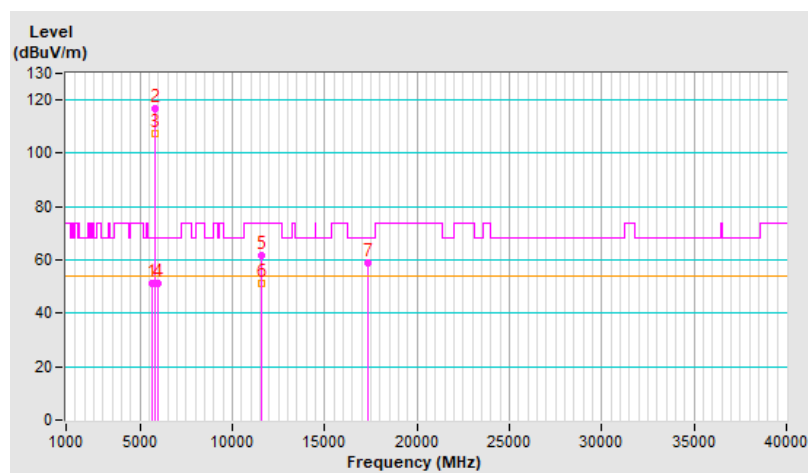


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5647.20	51.2 PK	68.2	-17.0	1.20 H	206	48.2	3.0
2	*5785.00	116.9 PK			1.20 H	206	113.4	3.5
3	*5785.00	107.2 AV			1.20 H	206	103.7	3.5
4	#5939.40	51.2 PK	68.2	-17.0	1.20 H	206	47.6	3.6
5	11570.00	61.8 PK	74.0	-12.2	1.76 H	154	49.3	12.5
6	11570.00	51.0 AV	54.0	-3.0	1.76 H	154	38.5	12.5
7	#17355.00	58.8 PK	68.2	-9.4	1.80 H	360	41.2	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.

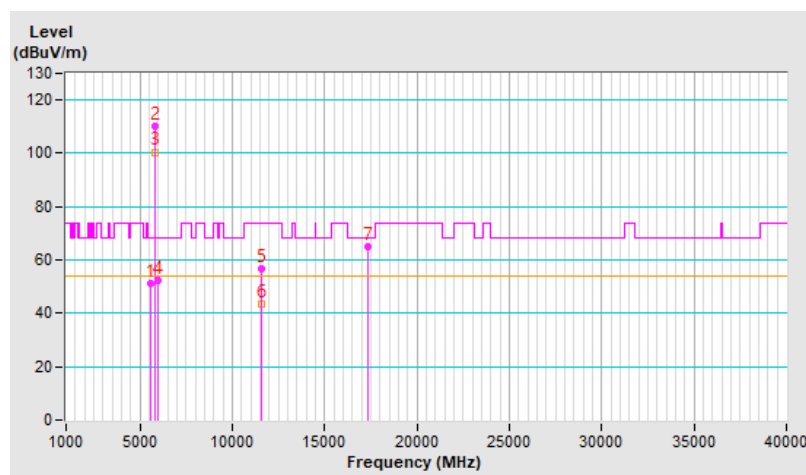


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5607.66	51.4 PK	68.2	-16.8	1.15 V	8	48.4	3.0
2	*5785.00	110.1 PK			1.15 V	8	106.6	3.5
3	*5785.00	100.5 AV			1.15 V	8	97.0	3.5
4	#6000.90	52.2 PK	68.2	-16.0	1.15 V	8	48.5	3.7
5	11570.00	56.9 PK	74.0	-17.1	2.34 V	233	44.4	12.5
6	11570.00	43.3 AV	54.0	-10.7	2.34 V	233	30.8	12.5
7	#17355.00	65.0 PK	68.2	-3.2	1.87 V	360	47.4	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.

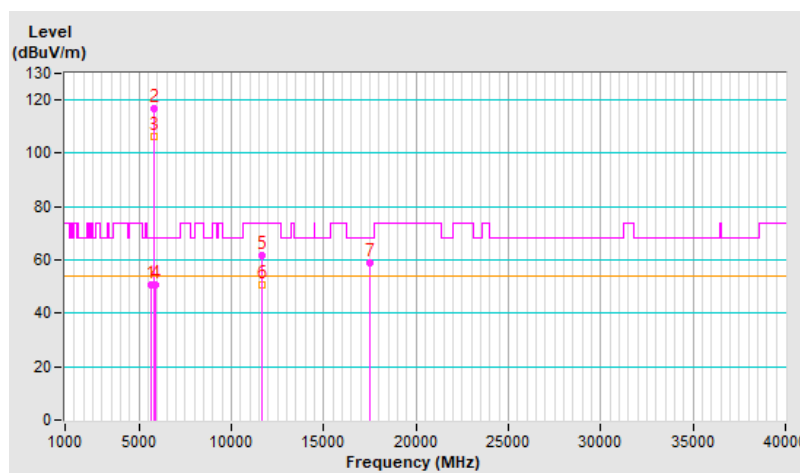


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5640.58	50.8 PK	68.2	-17.4	1.14 H	208	47.7	3.1
2	*5825.00	116.7 PK			1.14 H	208	113.0	3.7
3	*5825.00	106.5 AV			1.14 H	208	102.8	3.7
4	#5929.88	50.9 PK	68.2	-17.3	1.14 H	208	47.3	3.6
5	11650.00	61.8 PK	74.0	-12.2	1.76 H	151	49.7	12.1
6	11650.00	50.9 AV	54.0	-3.1	1.76 H	151	38.8	12.1
7	#17475.00	58.8 PK	68.2	-9.4	1.83 H	360	40.6	18.2

Remarks:

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

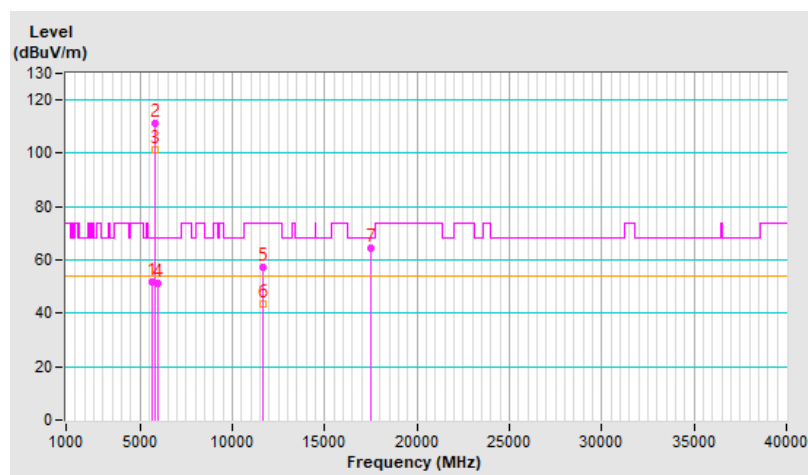


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5620.43	51.7 PK	68.2	-16.5	1.16 V	12	48.7	3.0
2	*5825.00	111.5 PK			1.16 V	12	107.8	3.7
3	*5825.00	101.4 AV			1.16 V	12	97.7	3.7
4	#6001.04	51.2 PK	68.2	-17.0	1.16 V	12	47.5	3.7
5	11650.00	57.2 PK	74.0	-16.8	2.32 V	226	45.1	12.1
6	11650.00	43.5 AV	54.0	-10.5	2.32 V	226	31.4	12.1
7	#17475.00	64.5 PK	68.2	-3.7	1.92 V	360	46.3	18.2

Remarks:

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

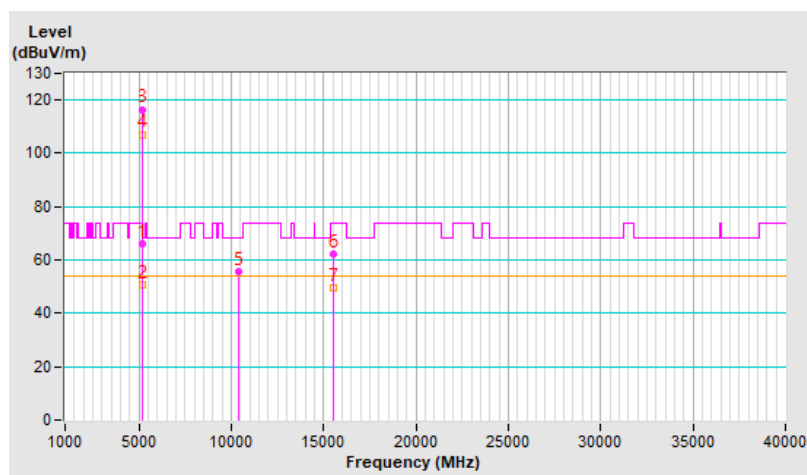


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	66.2 PK	74.0	-7.8	2.12 H	153	62.8	3.4
2	5150.00	50.7 AV	54.0	-3.3	2.12 H	153	47.3	3.4
3	*5180.00	116.5 PK			2.12 H	153	113.4	3.1
4	*5180.00	107.1 AV			2.12 H	153	104.0	3.1
5	#10360.00	55.6 PK	68.2	-12.6	2.42 H	230	44.1	11.5
6	15540.00	62.2 PK	74.0	-11.8	1.86 H	352	50.0	12.2
7	15540.00	49.5 AV	54.0	-4.5	1.86 H	352	37.3	12.2

Remarks:

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

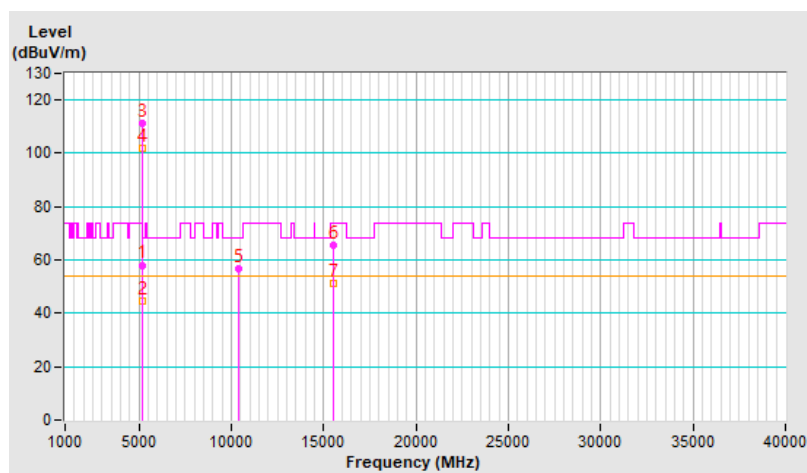


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.1 PK	74.0	-15.9	3.10 V	101	54.7	3.4
2	5150.00	44.4 AV	54.0	-9.6	3.10 V	101	41.0	3.4
3	*5180.00	111.3 PK			3.10 V	101	108.2	3.1
4	*5180.00	101.8 AV			3.10 V	101	98.7	3.1
5	#10360.00	56.8 PK	68.2	-11.4	2.33 V	217	45.3	11.5
6	15540.00	65.5 PK	74.0	-8.5	1.85 V	360	53.3	12.2
7	15540.00	51.0 AV	54.0	-3.0	1.85 V	360	38.8	12.2

Remarks:

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

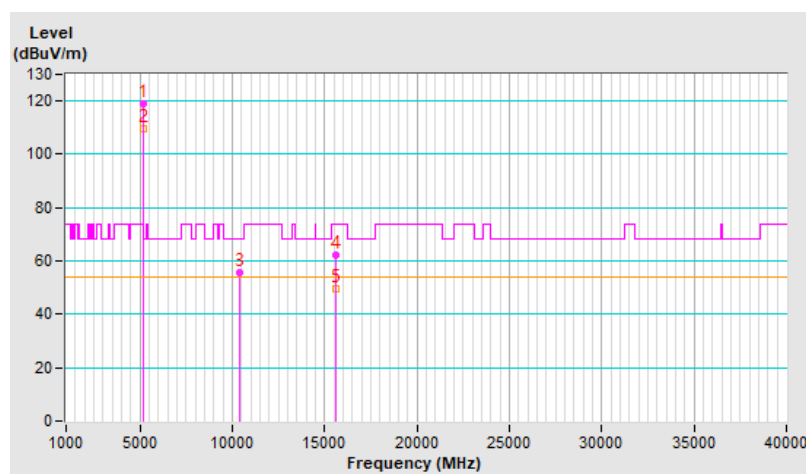


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	119.1 PK			2.29 H	160	116.2	2.9
2	*5200.00	109.7 AV			2.29 H	160	106.8	2.9
3	#10400.00	55.6 PK	68.2	-12.6	2.43 H	218	44.0	11.6
4	15600.00	62.1 PK	74.0	-11.9	1.87 H	338	50.4	11.7
5	15600.00	49.7 AV	54.0	-4.3	1.87 H	338	38.0	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.

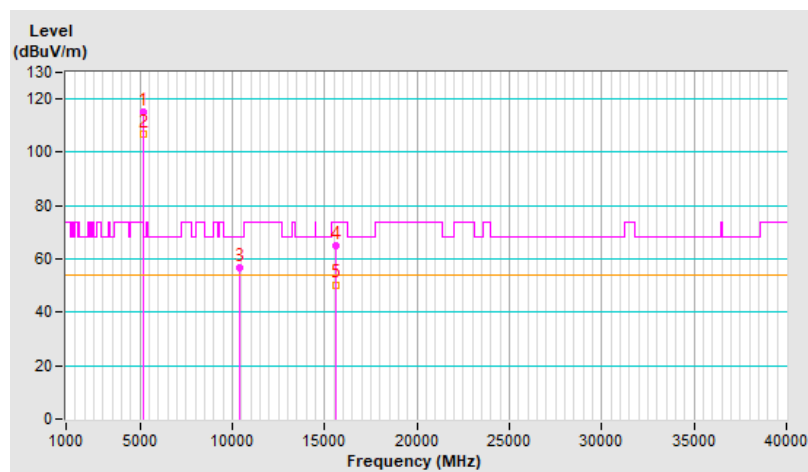


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	115.3 PK			3.98 V	63	112.4	2.9
2	*5200.00	106.9 AV			3.98 V	63	104.0	2.9
3	#10400.00	56.7 PK	68.2	-11.5	2.31 V	217	45.1	11.6
4	15600.00	64.9 PK	74.0	-9.1	1.91 V	360	53.2	11.7
5	15600.00	50.4 AV	54.0	-3.6	1.91 V	360	38.7	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.

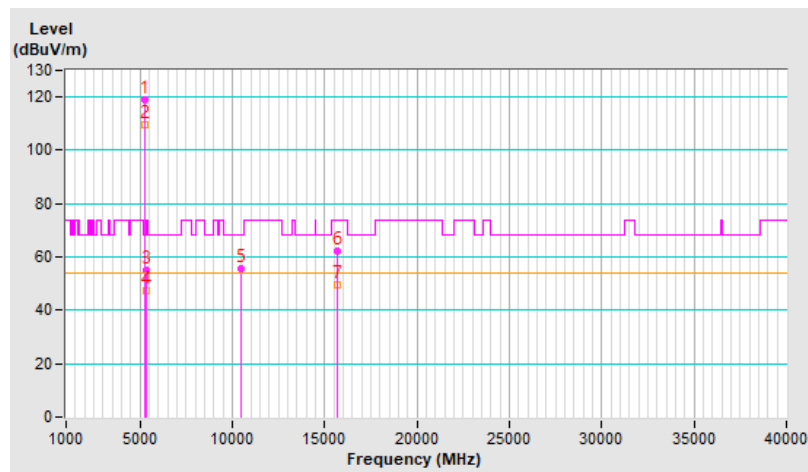


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	119.1 PK			2.32 H	149	116.5	2.6
2	*5240.00	109.4 AV			2.32 H	149	106.8	2.6
3	5350.00	55.1 PK	74.0	-18.9	2.32 H	149	52.2	2.9
4	5350.00	47.1 AV	54.0	-6.9	2.32 H	149	44.2	2.9
5	#10480.00	55.8 PK	68.2	-12.4	2.46 H	238	44.2	11.6
6	15720.00	62.0 PK	74.0	-12.0	1.87 H	350	50.1	11.9
7	15720.00	49.4 AV	54.0	-4.6	1.87 H	350	37.5	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.

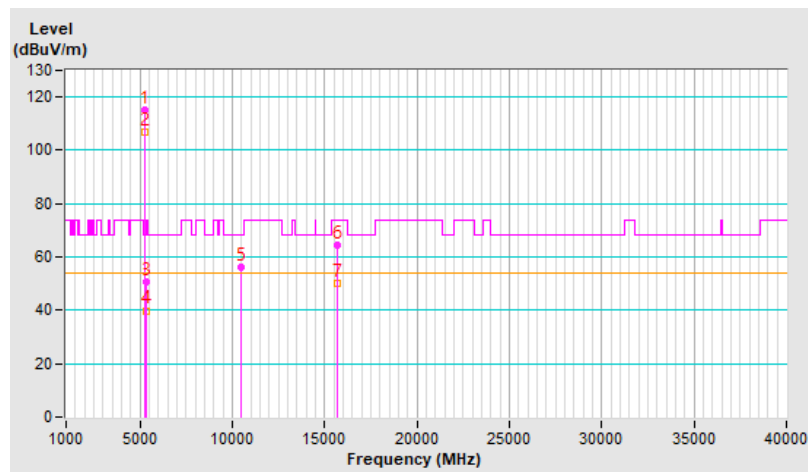


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	115.0 PK			3.95 V	60	112.4	2.6
2	*5240.00	106.8 AV			3.95 V	60	104.2	2.6
3	5350.00	50.6 PK	74.0	-23.4	3.95 V	60	47.7	2.9
4	5350.00	39.9 AV	54.0	-14.1	3.95 V	60	37.0	2.9
5	#10480.00	56.2 PK	68.2	-12.0	2.33 V	241	44.6	11.6
6	15720.00	64.6 PK	74.0	-9.4	1.85 V	360	52.7	11.9
7	15720.00	50.1 AV	54.0	-3.9	1.85 V	360	38.2	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.

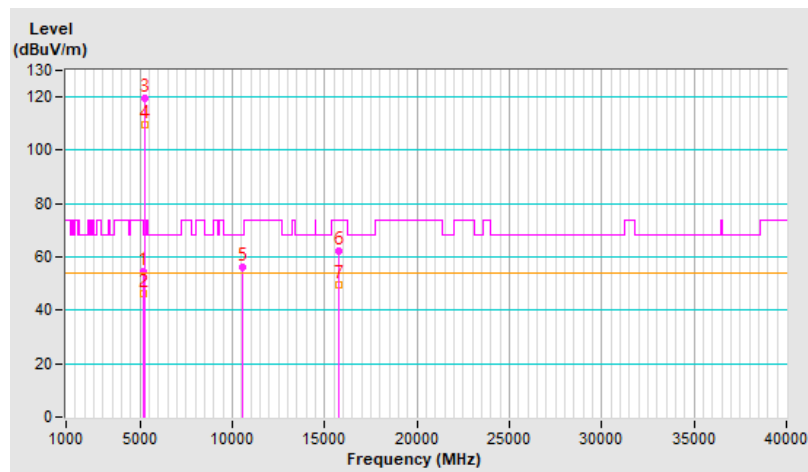


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.7 PK	74.0	-19.3	2.22 H	146	51.3	3.4
2	5150.00	46.3 AV	54.0	-7.7	2.22 H	146	42.9	3.4
3	*5260.00	119.5 PK			2.22 H	146	116.9	2.6
4	*5260.00	109.6 AV			2.22 H	146	107.0	2.6
5	#10520.00	56.0 PK	68.2	-12.2	2.40 H	234	44.2	11.8
6	15780.00	62.1 PK	74.0	-11.9	1.89 H	339	49.8	12.3
7	15780.00	49.7 AV	54.0	-4.3	1.89 H	339	37.4	12.3

Remarks:

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

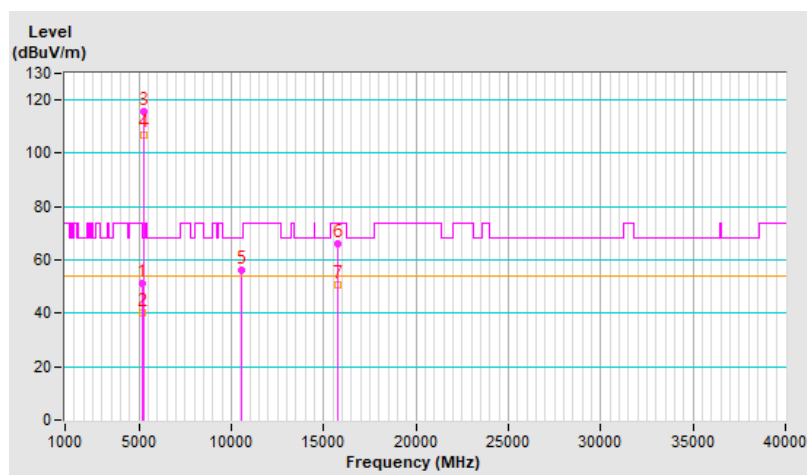


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	51.2 PK	74.0	-22.8	3.97 V	49	47.8	3.4
2	5150.00	40.3 AV	54.0	-13.7	3.97 V	49	36.9	3.4
3	*5260.00	115.5 PK			3.97 V	49	112.9	2.6
4	*5260.00	107.1 AV			3.97 V	49	104.5	2.6
5	#10520.00	56.0 PK	68.2	-12.2	2.41 V	237	44.2	11.8
6	15780.00	66.0 PK	74.0	-8.0	1.82 V	360	53.7	12.3
7	15780.00	50.9 AV	54.0	-3.1	1.82 V	360	38.6	12.3

Remarks:

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

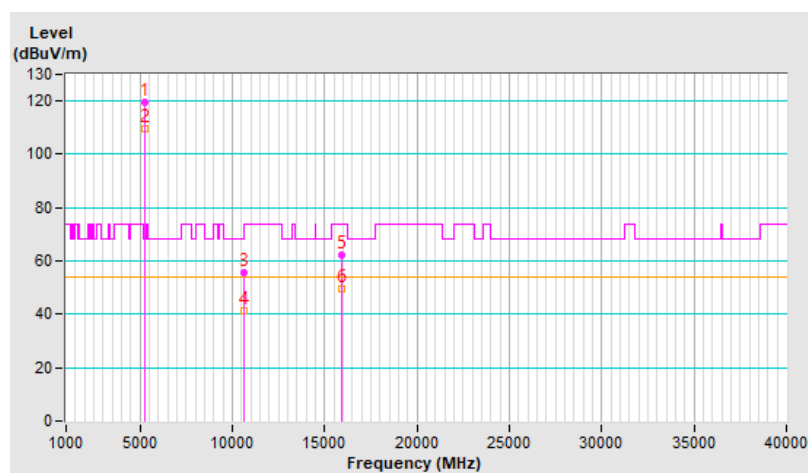


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	119.6 PK			2.19 H	159	117.1	2.5
2	*5300.00	109.6 AV			2.19 H	159	107.1	2.5
3	10600.00	55.5 PK	74.0	-18.5	2.40 H	219	43.3	12.2
4	10600.00	41.1 AV	54.0	-12.9	2.40 H	219	28.9	12.2
5	15900.00	62.3 PK	74.0	-11.7	1.82 H	340	49.7	12.6
6	15900.00	49.7 AV	54.0	-4.3	1.82 H	340	37.1	12.6

Remarks:

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

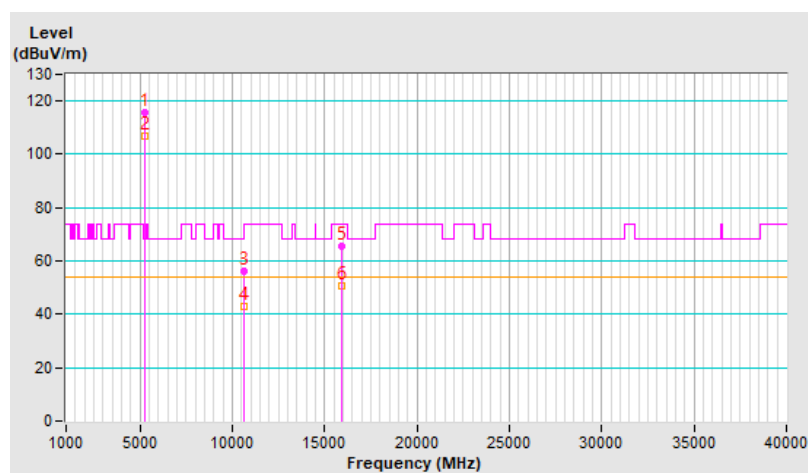


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	115.5 PK			3.98 V	63	113.0	2.5
2	*5300.00	106.8 AV			3.98 V	63	104.3	2.5
3	10600.00	56.0 PK	74.0	-18.0	2.33 V	240	43.8	12.2
4	10600.00	42.8 AV	54.0	-11.2	2.33 V	240	30.6	12.2
5	15900.00	65.5 PK	74.0	-8.5	1.87 V	360	52.9	12.6
6	15900.00	50.8 AV	54.0	-3.2	1.87 V	360	38.2	12.6

Remarks:

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

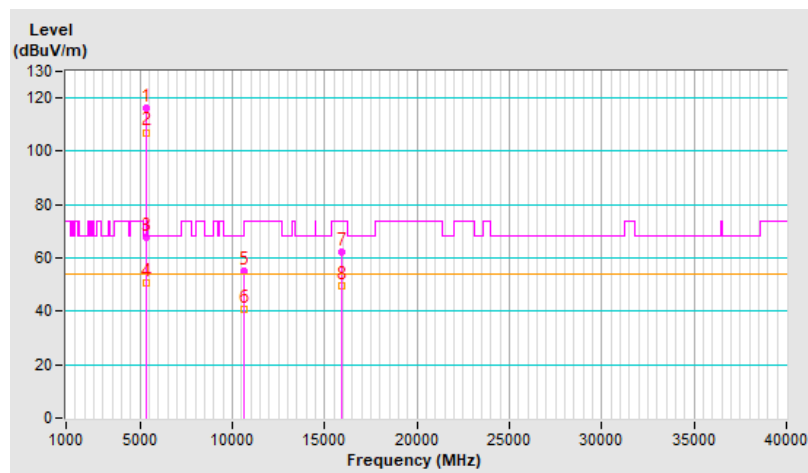


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	116.2 PK			1.04 H	204	113.4	2.8
2	*5320.00	107.1 AV			1.04 H	204	104.3	2.8
3	5350.00	67.9 PK	74.0	-6.1	1.04 H	204	65.0	2.9
4	5350.00	50.8 AV	54.0	-3.2	1.04 H	204	47.9	2.9
5	10640.00	55.3 PK	74.0	-18.7	2.37 H	219	43.1	12.2
6	10640.00	40.8 AV	54.0	-13.2	2.37 H	219	28.6	12.2
7	15960.00	62.1 PK	74.0	-11.9	1.82 H	327	49.8	12.3
8	15960.00	49.8 AV	54.0	-4.2	1.82 H	327	37.5	12.3

Remarks:

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

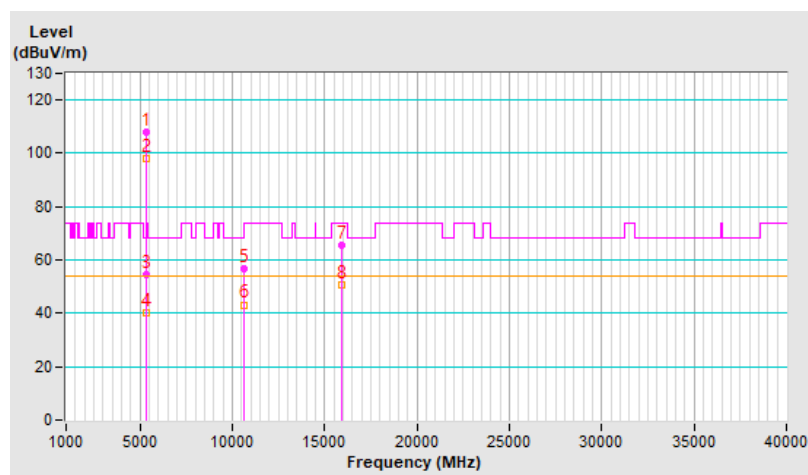


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	107.7 PK			1.37 V	27	104.9	2.8
2	*5320.00	98.1 AV			1.37 V	27	95.3	2.8
3	5350.00	54.4 PK	74.0	-19.6	1.37 V	27	51.5	2.9
4	5350.00	40.4 AV	54.0	-13.6	1.37 V	27	37.5	2.9
5	10640.00	56.7 PK	74.0	-17.3	2.34 V	217	44.5	12.2
6	10640.00	43.2 AV	54.0	-10.8	2.34 V	217	31.0	12.2
7	15960.00	65.3 PK	74.0	-8.7	1.92 V	360	53.0	12.3
8	15960.00	50.6 AV	54.0	-3.4	1.92 V	360	38.3	12.3

Remarks:

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

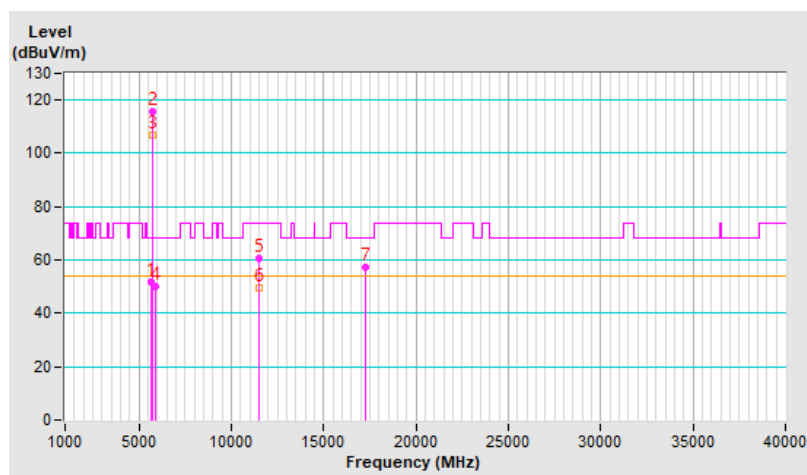


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5633.68	51.6 PK	68.2	-16.6	1.19 H	204	48.5	3.1
2	*5745.00	115.6 PK			1.19 H	204	112.1	3.5
3	*5745.00	106.8 AV			1.19 H	204	103.3	3.5
4	#5926.54	50.2 PK	68.2	-18.0	1.19 H	204	46.6	3.6
5	11490.00	60.6 PK	74.0	-13.4	1.79 H	162	48.0	12.6
6	11490.00	49.7 AV	54.0	-4.3	1.79 H	162	37.1	12.6
7	#17235.00	57.4 PK	68.2	-10.8	1.74 H	360	40.1	17.3

Remarks:

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

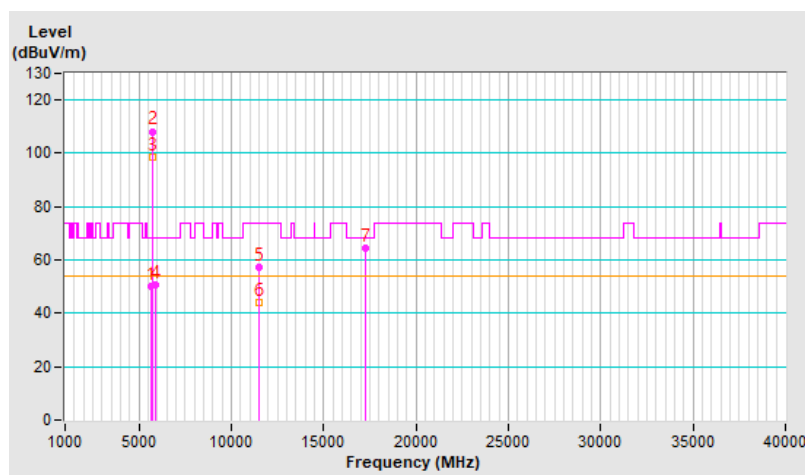


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5647.76	50.3 PK	68.2	-17.9	1.33 V	163	47.3	3.0
2	*5745.00	108.2 PK			1.33 V	163	104.7	3.5
3	*5745.00	98.5 AV			1.33 V	163	95.0	3.5
4	#5930.65	50.5 PK	68.2	-17.7	1.33 V	163	46.9	3.6
5	11490.00	57.2 PK	74.0	-16.8	2.31 V	196	44.6	12.6
6	11490.00	43.8 AV	54.0	-10.2	2.31 V	196	31.2	12.6
7	#17235.00	64.3 PK	68.2	-3.9	1.90 V	360	47.0	17.3

Remarks:

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

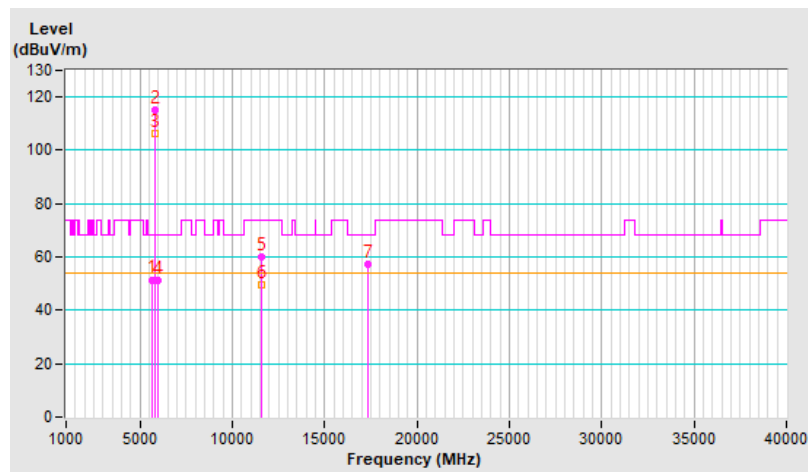


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5637.39	51.5 PK	68.2	-16.7	1.34 H	207	48.4	3.1
2	*5785.00	115.3 PK			1.34 H	207	111.8	3.5
3	*5785.00	106.3 AV			1.34 H	207	102.8	3.5
4	#5934.82	51.3 PK	68.2	-16.9	1.34 H	207	47.7	3.6
5	11570.00	60.1 PK	74.0	-13.9	1.74 H	158	47.6	12.5
6	11570.00	49.4 AV	54.0	-4.6	1.74 H	158	36.9	12.5
7	#17355.00	57.2 PK	68.2	-11.0	1.80 H	360	39.6	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.

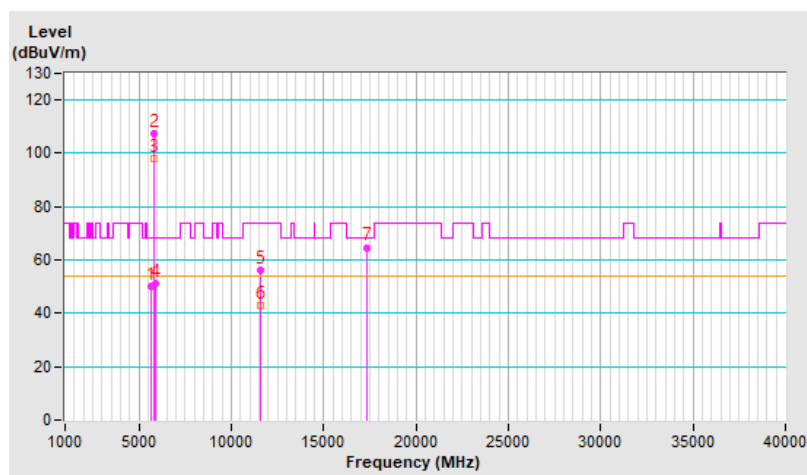


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5633.84	50.1 PK	68.2	-18.1	1.48 V	158	47.0	3.1
2	*5785.00	107.3 PK			1.48 V	158	103.8	3.5
3	*5785.00	97.8 AV			1.48 V	158	94.3	3.5
4	#5929.63	51.1 PK	68.2	-17.1	1.48 V	158	47.5	3.6
5	11570.00	56.3 PK	74.0	-17.7	2.25 V	209	43.8	12.5
6	11570.00	42.8 AV	54.0	-11.2	2.25 V	209	30.3	12.5
7	#17355.00	64.7 PK	68.2	-3.5	1.92 V	360	47.1	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.

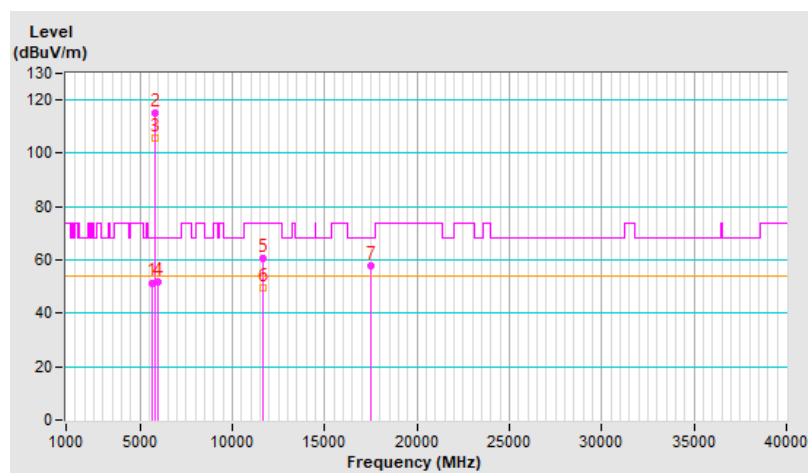


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5642.47	51.5 PK	68.2	-16.7	1.28 H	207	48.4	3.1
2	*5825.00	115.3 PK			1.28 H	207	111.6	3.7
3	*5825.00	105.6 AV			1.28 H	207	101.9	3.7
4	#5937.21	51.8 PK	68.2	-16.4	1.28 H	207	48.2	3.6
5	11650.00	60.4 PK	74.0	-13.6	1.79 H	172	48.3	12.1
6	11650.00	49.8 AV	54.0	-4.2	1.79 H	172	37.7	12.1
7	#17475.00	57.6 PK	68.2	-10.6	1.80 H	360	39.4	18.2

Remarks:

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

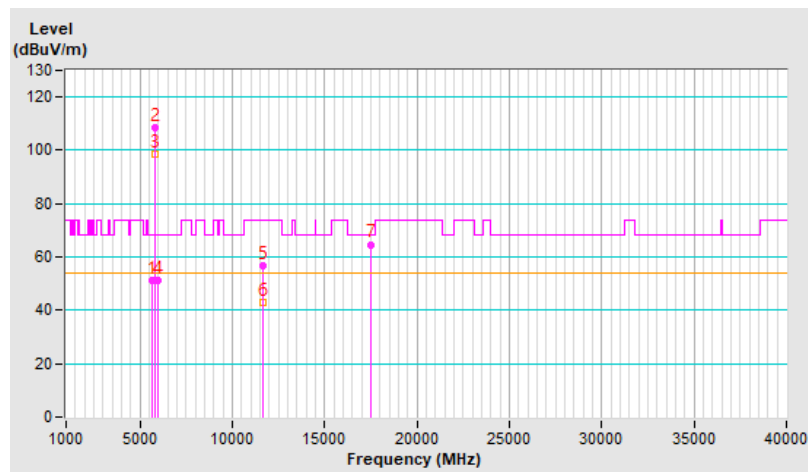


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5628.56	51.1 PK	68.2	-17.1	1.38 V	164	48.1	3.0
2	*5825.00	108.6 PK			1.38 V	164	104.9	3.7
3	*5825.00	98.5 AV			1.38 V	164	94.8	3.7
4	#5942.36	51.0 PK	68.2	-17.2	1.38 V	164	47.4	3.6
5	11650.00	56.6 PK	74.0	-17.4	2.29 V	212	44.5	12.1
6	11650.00	43.1 AV	54.0	-10.9	2.29 V	212	31.0	12.1
7	#17475.00	64.7 PK	68.2	-3.5	1.91 V	356	46.5	18.2

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.



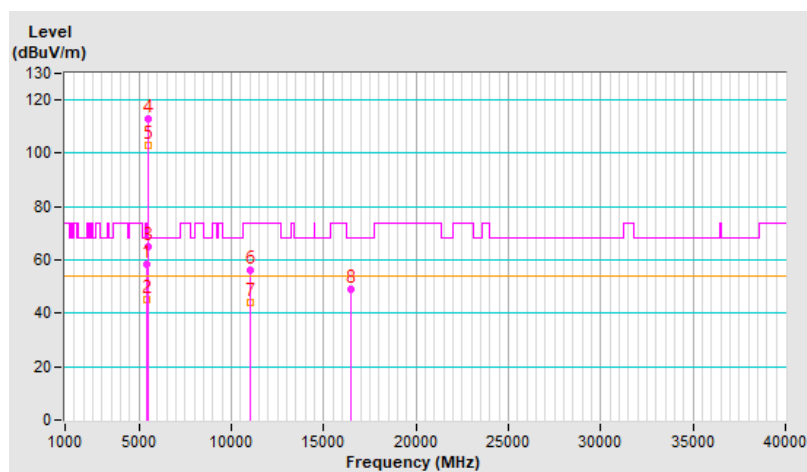
Mode A

RF Mode	802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.2 PK	74.0	-15.8	1.00 H	171	55.0	3.2
2	5460.00	45.1 AV	54.0	-8.9	1.00 H	171	41.9	3.2
3	#5470.00	65.0 PK	68.2	-3.2	1.00 H	171	61.8	3.2
4	*5500.00	112.8 PK			1.00 H	171	109.6	3.2
5	*5500.00	102.8 AV			1.00 H	171	99.6	3.2
6	11000.00	56.3 PK	74.0	-17.7	1.47 H	238	43.5	12.8
7	11000.00	44.3 AV	54.0	-9.7	1.47 H	238	31.5	12.8
8	#16500.00	49.2 PK	68.2	-19.0	1.52 H	102	35.4	13.8

Remarks:

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

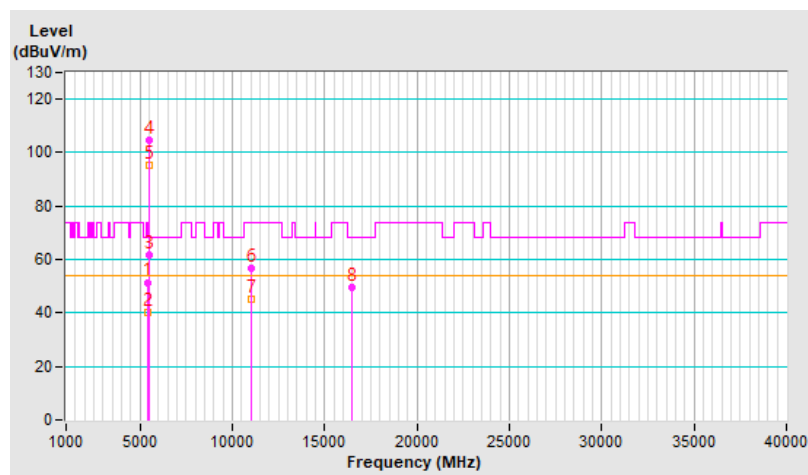


RF Mode	802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.5 PK	74.0	-22.5	1.36 V	360	48.3	3.2
2	5460.00	40.1 AV	54.0	-13.9	1.36 V	360	36.9	3.2
3	#5470.00	61.5 PK	68.2	-6.7	1.36 V	360	58.3	3.2
4	*5500.00	104.5 PK			1.36 V	360	101.3	3.2
5	*5500.00	95.1 AV			1.36 V	360	91.9	3.2
6	11000.00	56.9 PK	74.0	-17.1	1.41 V	245	44.1	12.8
7	11000.00	45.0 AV	54.0	-9.0	1.41 V	245	32.2	12.8
8	#16500.00	49.8 PK	68.2	-18.4	1.47 V	86	36.0	13.8

Remarks:

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

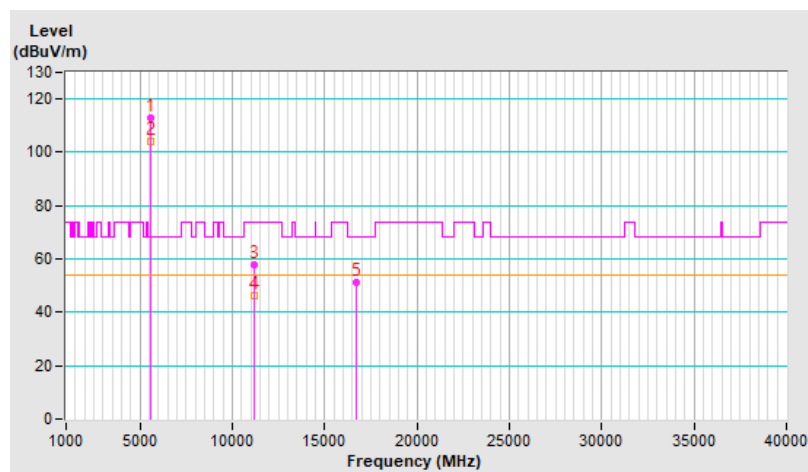


RF Mode	802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	113.0 PK			1.02 H	169	110.0	3.0
2	*5580.00	104.1 AV			1.02 H	169	101.1	3.0
3	11160.00	57.8 PK	74.0	-16.2	1.71 H	140	45.6	12.2
4	11160.00	46.2 AV	54.0	-7.8	1.71 H	140	34.0	12.2
5	#16740.00	51.2 PK	68.2	-17.0	1.66 H	114	36.0	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.

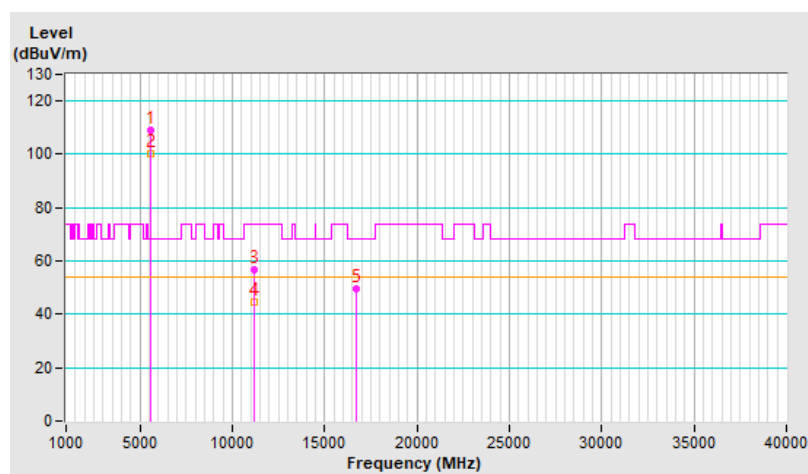


RF Mode	802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	109.3 PK			3.96 V	64	106.3	3.0
2	*5580.00	100.4 AV			3.96 V	64	97.4	3.0
3	11160.00	56.6 PK	74.0	-17.4	1.48 V	232	44.4	12.2
4	11160.00	44.7 AV	54.0	-9.3	1.48 V	232	32.5	12.2
5	#16740.00	49.7 PK	68.2	-18.5	1.46 V	90	34.5	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.

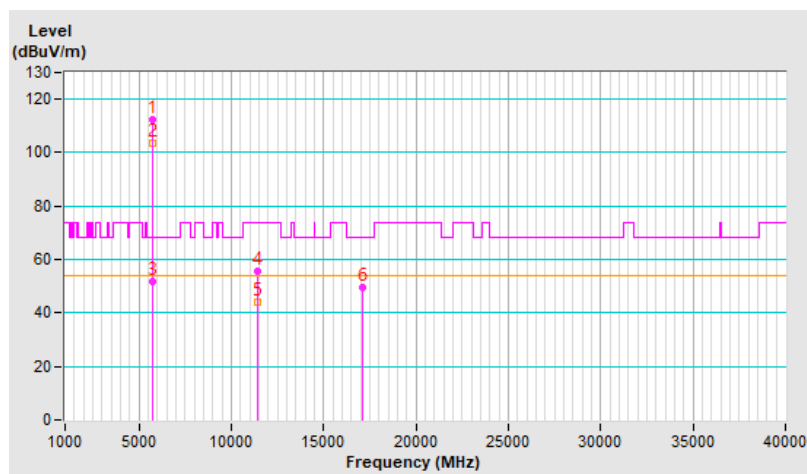


RF Mode	802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	112.5 PK			1.00 H	169	109.3	3.2
2	*5700.00	103.4 AV			1.00 H	169	100.2	3.2
3	#5725.00	52.0 PK	68.2	-16.2	1.00 H	169	48.6	3.4
4	11400.00	55.8 PK	74.0	-18.2	1.54 H	249	43.1	12.7
5	11400.00	44.1 AV	54.0	-9.9	1.54 H	249	31.4	12.7
6	#17100.00	49.4 PK	68.2	-18.8	1.49 H	103	32.3	17.1

Remarks:

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

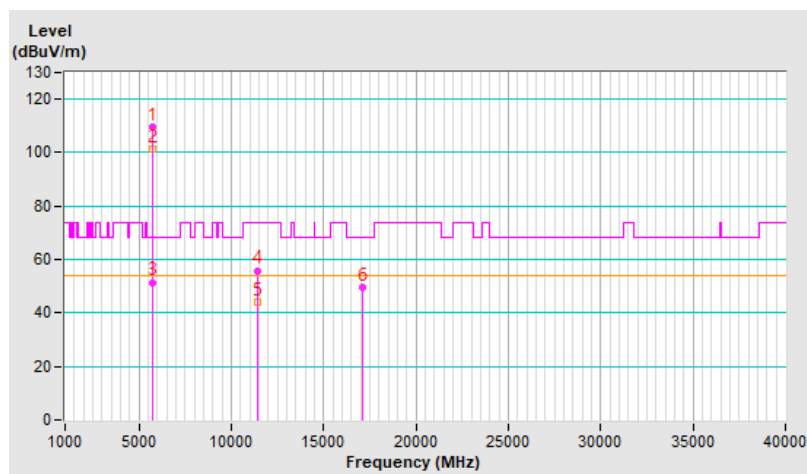


RF Mode	802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	109.7 PK			3.96 V	68	106.5	3.2
2	*5700.00	101.1 AV			3.96 V	68	97.9	3.2
3	#5725.00	51.5 PK	68.2	-16.7	3.96 V	68	48.1	3.4
4	11400.00	55.9 PK	74.0	-18.1	1.43 V	245	43.2	12.7
5	11400.00	44.2 AV	54.0	-9.8	1.43 V	245	31.5	12.7
6	#17100.00	49.5 PK	68.2	-18.7	1.51 V	97	32.4	17.1

Remarks:

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

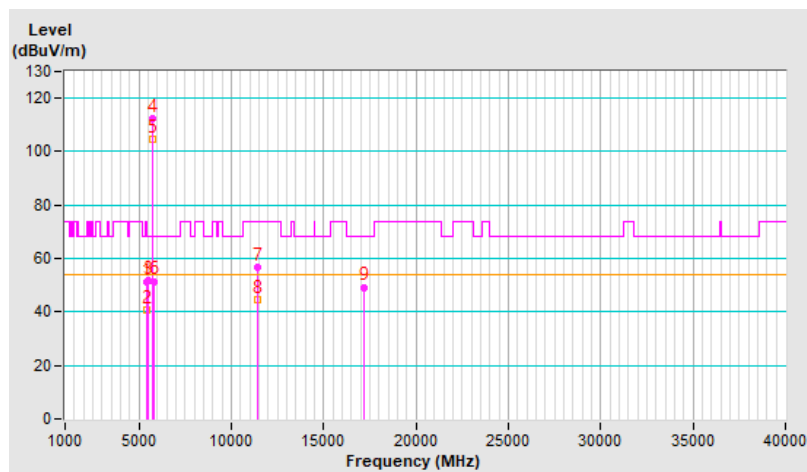


RF Mode	802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.3 PK	74.0	-22.7	1.64 H	212	48.1	3.2
2	5460.00	40.8 AV	54.0	-13.2	1.64 H	212	37.6	3.2
3	#5470.00	51.7 PK	68.2	-16.5	1.64 H	212	48.5	3.2
4	*5720.00	112.6 PK			1.64 H	212	109.3	3.3
5	*5720.00	104.5 AV			1.64 H	212	101.2	3.3
6	#5850.00	51.5 PK	68.2	-16.7	1.64 H	212	47.7	3.8
7	11440.00	56.6 PK	74.0	-17.4	1.52 H	245	43.8	12.8
8	11440.00	44.7 AV	54.0	-9.3	1.52 H	245	31.9	12.8
9	#17160.00	49.3 PK	68.2	-18.9	1.48 H	110	32.3	17.0

Remarks:

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

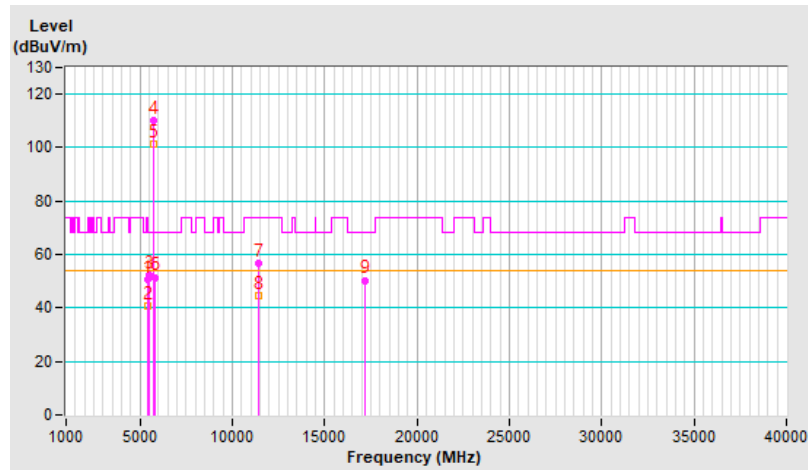


RF Mode	802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	50.9 PK	74.0	-23.1	3.98 V	58	47.7	3.2
2	5460.00	40.6 AV	54.0	-13.4	3.98 V	58	37.4	3.2
3	#5470.00	52.3 PK	68.2	-15.9	3.98 V	58	49.1	3.2
4	*5720.00	110.0 PK			3.98 V	58	106.7	3.3
5	*5720.00	101.4 AV			3.98 V	58	98.1	3.3
6	#5850.00	51.5 PK	68.2	-16.7	3.98 V	58	47.7	3.8
7	11440.00	56.8 PK	74.0	-17.2	1.44 V	243	44.0	12.8
8	11440.00	44.6 AV	54.0	-9.4	1.44 V	243	31.8	12.8
9	#17160.00	50.4 PK	68.2	-17.8	1.52 V	94	33.4	17.0

Remarks:

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

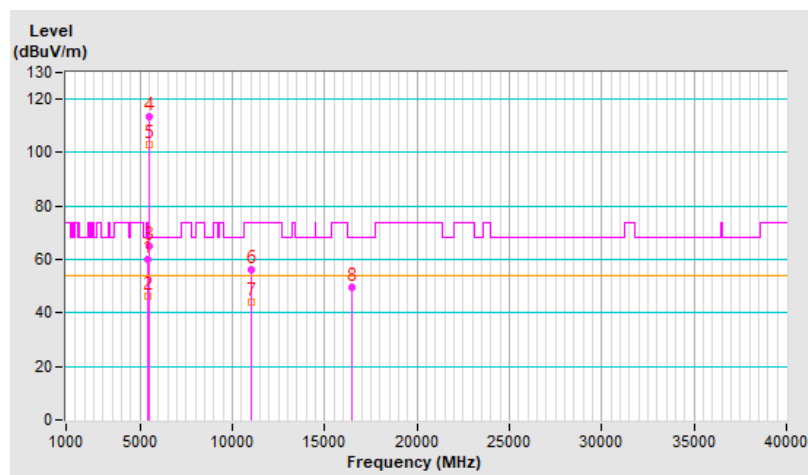


RF Mode	802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.1 PK	74.0	-13.9	1.00 H	172	56.9	3.2
2	5460.00	46.5 AV	54.0	-7.5	1.00 H	172	43.3	3.2
3	#5470.00	65.2 PK	68.2	-3.0	1.00 H	172	62.0	3.2
4	*5500.00	113.2 PK			1.00 H	172	110.0	3.2
5	*5500.00	103.2 AV			1.00 H	172	100.0	3.2
6	11000.00	56.2 PK	74.0	-17.8	1.54 H	252	43.4	12.8
7	11000.00	44.0 AV	54.0	-10.0	1.54 H	252	31.2	12.8
8	#16500.00	49.5 PK	68.2	-18.7	1.47 H	107	35.7	13.8

Remarks:

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

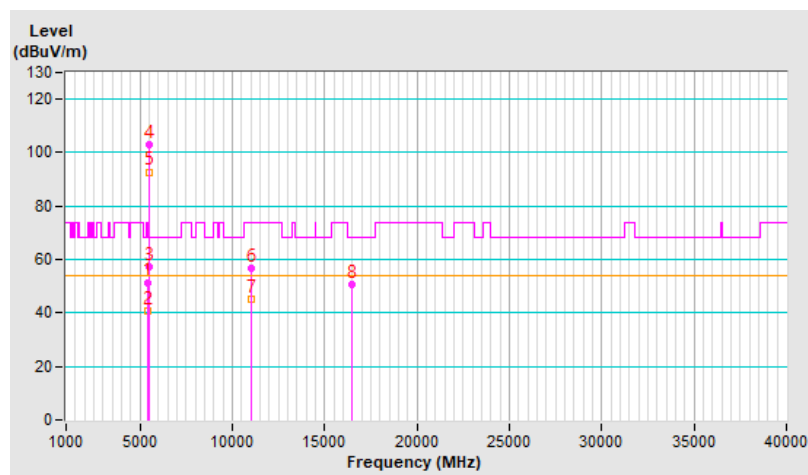


RF Mode	802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.5 PK	74.0	-22.5	1.37 V	360	48.3	3.2
2	5460.00	40.7 AV	54.0	-13.3	1.37 V	360	37.5	3.2
3	#5470.00	57.2 PK	68.2	-11.0	1.37 V	360	54.0	3.2
4	*5500.00	103.1 PK			1.37 V	360	99.9	3.2
5	*5500.00	92.8 AV			1.37 V	360	89.6	3.2
6	11000.00	56.9 PK	74.0	-17.1	1.48 V	232	44.1	12.8
7	11000.00	45.0 AV	54.0	-9.0	1.48 V	232	32.2	12.8
8	#16500.00	50.5 PK	68.2	-17.7	1.55 V	77	36.7	13.8

Remarks:

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

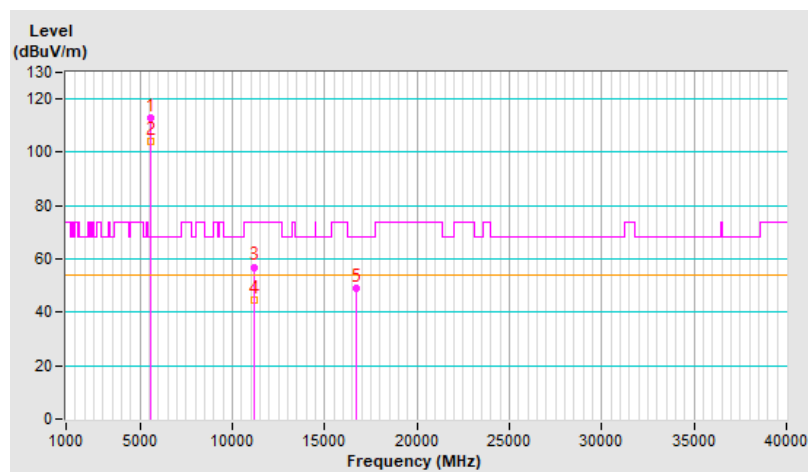


RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	112.8 PK			1.11 H	165	109.8	3.0
2	*5580.00	104.1 AV			1.11 H	165	101.1	3.0
3	11160.00	57.0 PK	74.0	-17.0	1.44 H	226	44.8	12.2
4	11160.00	44.7 AV	54.0	-9.3	1.44 H	226	32.5	12.2
5	#16740.00	49.2 PK	68.2	-19.0	1.46 H	98	34.0	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.

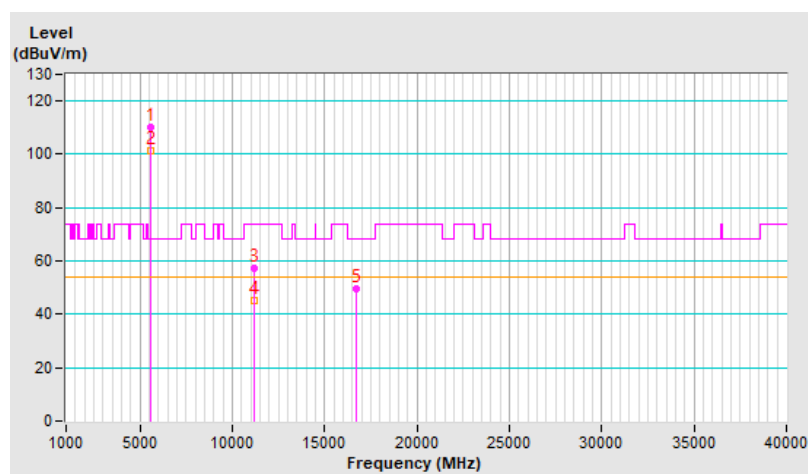


RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	109.9 PK			4.00 V	58	106.9	3.0
2	*5580.00	101.1 AV			4.00 V	58	98.1	3.0
3	11160.00	57.3 PK	74.0	-16.7	1.46 V	248	45.1	12.2
4	11160.00	45.1 AV	54.0	-8.9	1.46 V	248	32.9	12.2
5	#16740.00	49.7 PK	68.2	-18.5	1.48 V	106	34.5	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.

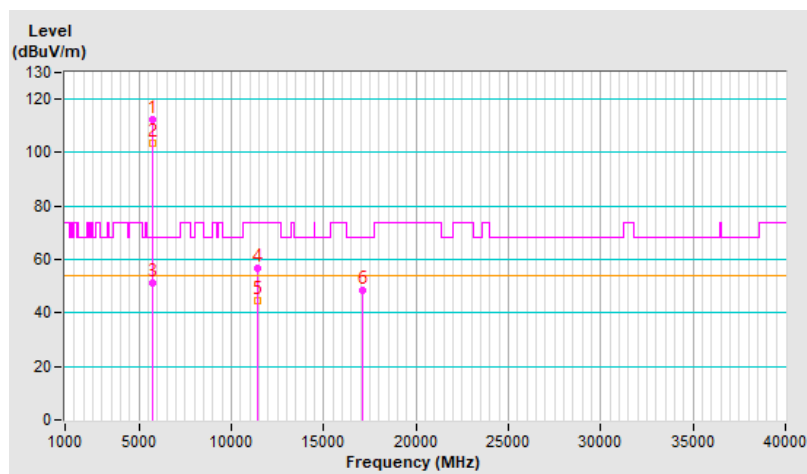


RF Mode	802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	112.5 PK			1.00 H	168	109.3	3.2
2	*5700.00	103.3 AV			1.00 H	168	100.1	3.2
3	#5725.00	51.3 PK	68.2	-16.9	1.00 H	168	47.9	3.4
4	11400.00	56.8 PK	74.0	-17.2	1.44 H	249	44.1	12.7
5	11400.00	44.8 AV	54.0	-9.2	1.44 H	249	32.1	12.7
6	#17100.00	48.7 PK	68.2	-19.5	1.48 H	97	31.6	17.1

Remarks:

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

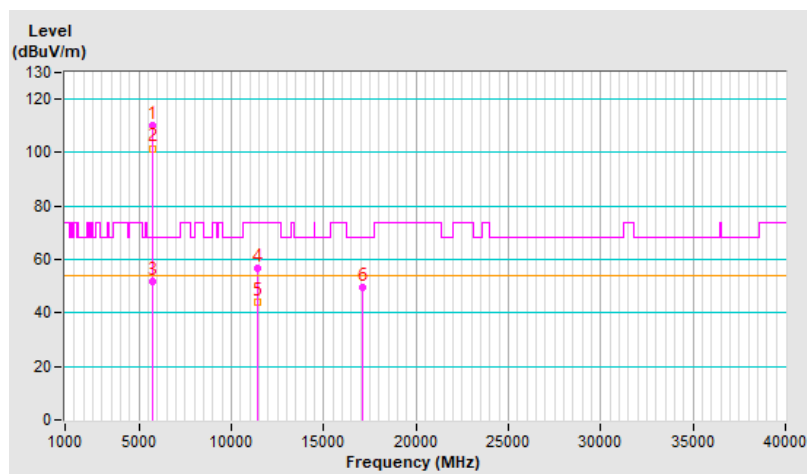


RF Mode	802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	110.2 PK			3.98 V	45	107.0	3.2
2	*5700.00	101.6 AV			3.98 V	45	98.4	3.2
3	#5725.00	52.0 PK	68.2	-16.2	3.98 V	45	48.6	3.4
4	11400.00	56.5 PK	74.0	-17.5	1.44 V	237	43.8	12.7
5	11400.00	44.3 AV	54.0	-9.7	1.44 V	237	31.6	12.7
6	#17100.00	49.7 PK	68.2	-18.5	1.53 V	90	32.6	17.1

Remarks:

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

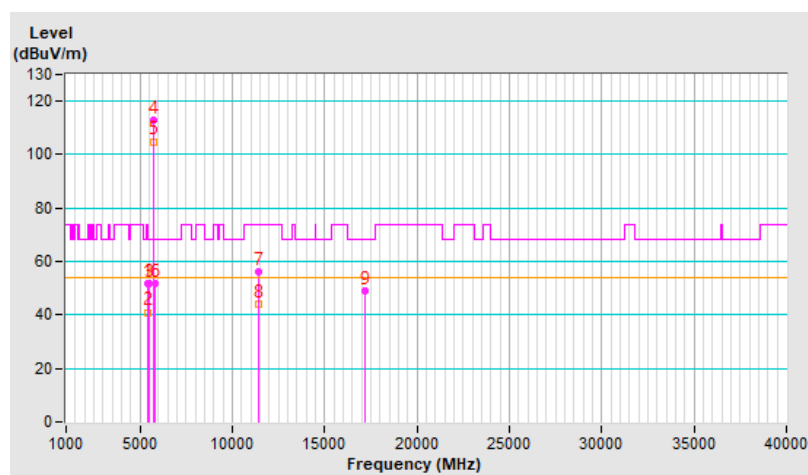


RF Mode	802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.7 PK	74.0	-22.3	1.53 H	196	48.5	3.2
2	5460.00	41.0 AV	54.0	-13.0	1.53 H	196	37.8	3.2
3	#5470.00	51.6 PK	68.2	-16.6	1.53 H	196	48.4	3.2
4	*5720.00	112.9 PK			1.53 H	196	109.6	3.3
5	*5720.00	104.9 AV			1.53 H	196	101.6	3.3
6	#5850.00	51.8 PK	68.2	-16.4	1.53 H	196	48.0	3.8
7	11440.00	56.3 PK	74.0	-17.7	1.43 H	233	43.5	12.8
8	11440.00	44.2 AV	54.0	-9.8	1.43 H	233	31.4	12.8
9	#17160.00	48.8 PK	68.2	-19.4	1.54 H	100	31.8	17.0

Remarks:

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

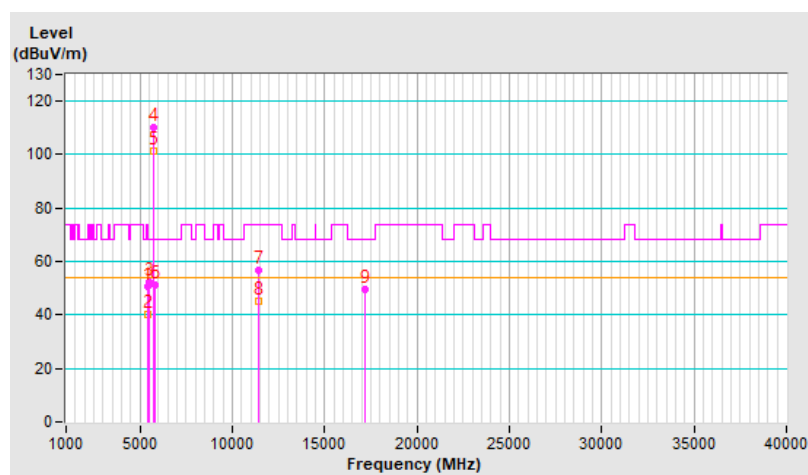


RF Mode	802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	50.7 PK	74.0	-23.3	3.97 V	77	47.5	3.2
2	5460.00	40.1 AV	54.0	-13.9	3.97 V	77	36.9	3.2
3	#5470.00	52.4 PK	68.2	-15.8	3.97 V	77	49.2	3.2
4	*5720.00	110.1 PK			3.97 V	77	106.8	3.3
5	*5720.00	101.4 AV			3.97 V	77	98.1	3.3
6	#5850.00	51.2 PK	68.2	-17.0	3.97 V	77	47.4	3.8
7	11440.00	56.7 PK	74.0	-17.3	1.48 V	240	43.9	12.8
8	11440.00	44.9 AV	54.0	-9.1	1.48 V	240	32.1	12.8
9	#17160.00	49.5 PK	68.2	-18.7	1.57 V	87	32.5	17.0

Remarks:

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

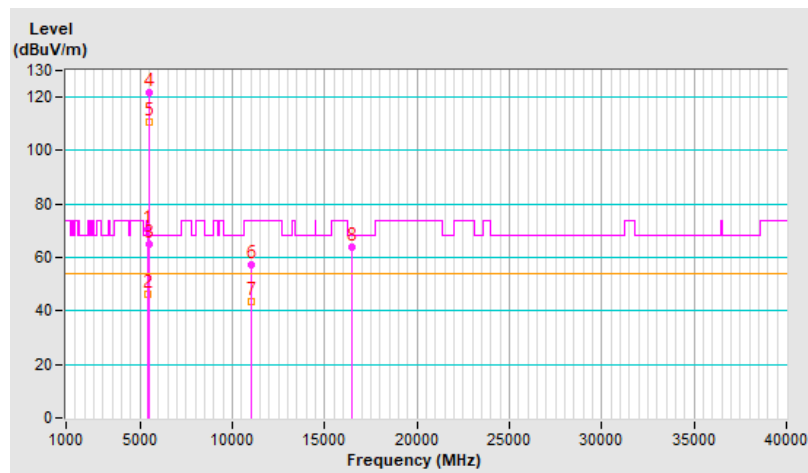


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	70.6 PK	74.0	-3.4	1.00 H	184	67.4	3.2
2	5460.00	46.5 AV	54.0	-7.5	1.00 H	184	43.3	3.2
3	#5470.00	65.1 PK	68.2	-3.1	1.00 H	184	61.9	3.2
4	*5500.00	121.8 PK			1.00 H	184	118.6	3.2
5	*5500.00	110.9 AV			1.00 H	184	107.7	3.2
6	11000.00	57.3 PK	74.0	-16.7	2.37 H	239	44.5	12.8
7	11000.00	43.7 AV	54.0	-10.3	2.37 H	239	30.9	12.8
8	#16500.00	63.8 PK	68.2	-4.4	1.98 H	360	50.0	13.8

Remarks:

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

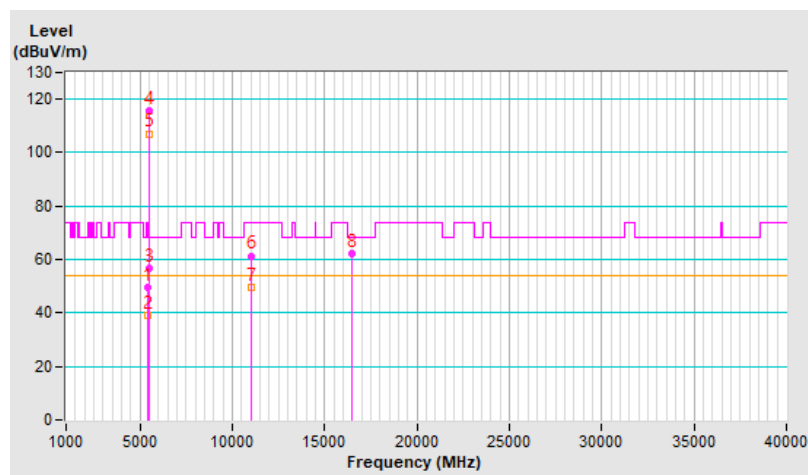


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	49.8 PK	74.0	-24.2	3.97 V	80	46.6	3.2
2	5460.00	39.3 AV	54.0	-14.7	3.97 V	80	36.1	3.2
3	#5470.00	56.8 PK	68.2	-11.4	3.97 V	80	53.6	3.2
4	*5500.00	115.9 PK			3.97 V	80	112.7	3.2
5	*5500.00	107.1 AV			3.97 V	80	103.9	3.2
6	11000.00	61.4 PK	74.0	-12.6	1.06 V	291	48.6	12.8
7	11000.00	49.4 AV	54.0	-4.6	1.06 V	291	36.6	12.8
8	#16500.00	62.3 PK	68.2	-5.9	3.00 V	212	48.5	13.8

Remarks:

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

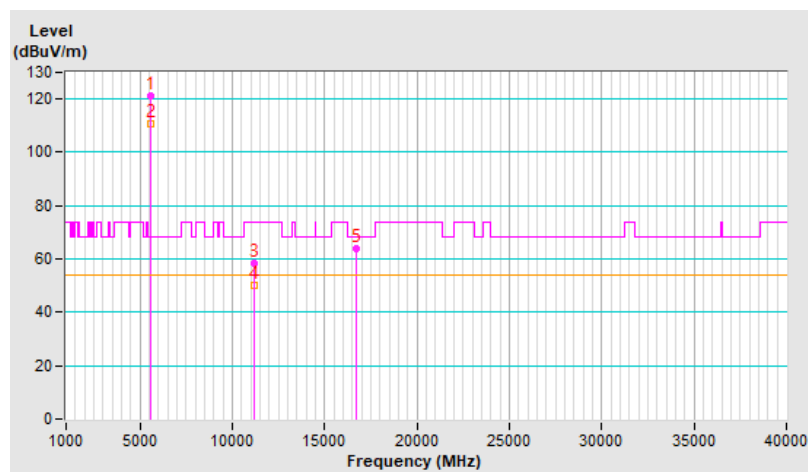


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	121.2 PK			1.00 H	178	118.2	3.0
2	*5580.00	110.6 AV			1.00 H	178	107.6	3.0
3	11160.00	58.6 PK	74.0	-15.4	1.72 H	147	46.4	12.2
4	11160.00	50.3 AV	54.0	-3.7	1.72 H	147	38.1	12.2
5	#16740.00	63.9 PK	68.2	-4.3	1.84 H	17	48.7	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.

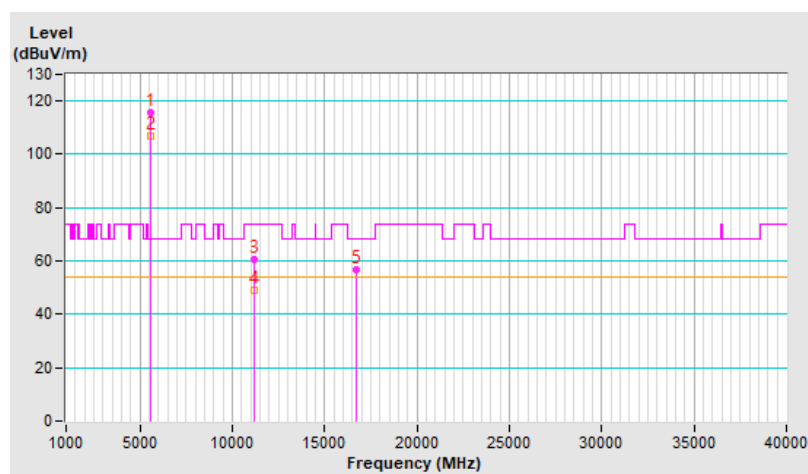


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	115.8 PK			4.00 V	87	112.8	3.0
2	*5580.00	106.9 AV			4.00 V	87	103.9	3.0
3	11160.00	60.7 PK	74.0	-13.3	2.44 V	275	48.5	12.2
4	11160.00	48.9 AV	54.0	-5.1	2.44 V	275	36.7	12.2
5	#16740.00	56.9 PK	68.2	-11.3	1.69 V	95	41.7	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.

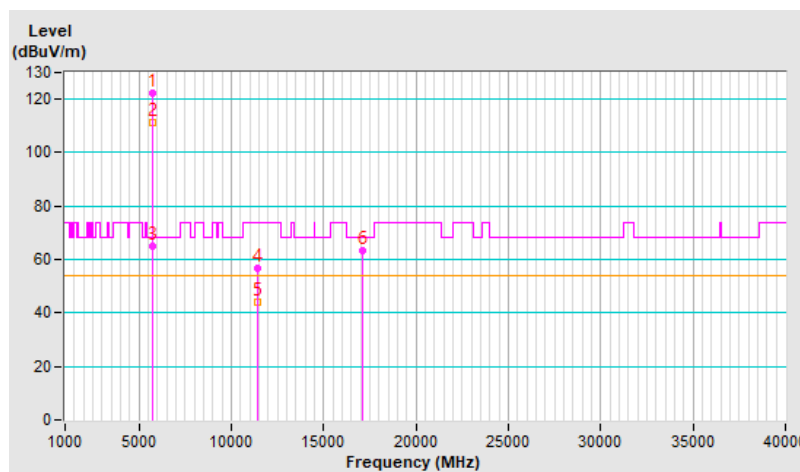


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	122.1 PK			1.25 H	206	118.9	3.2
2	*5700.00	111.2 AV			1.25 H	206	108.0	3.2
3	#5725.00	65.0 PK	68.2	-3.2	1.25 H	206	61.6	3.4
4	11400.00	56.9 PK	74.0	-17.1	2.31 H	233	44.2	12.7
5	11400.00	43.8 AV	54.0	-10.2	2.31 H	233	31.1	12.7
6	#17100.00	63.2 PK	68.2	-5.0	1.96 H	360	46.1	17.1

Remarks:

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

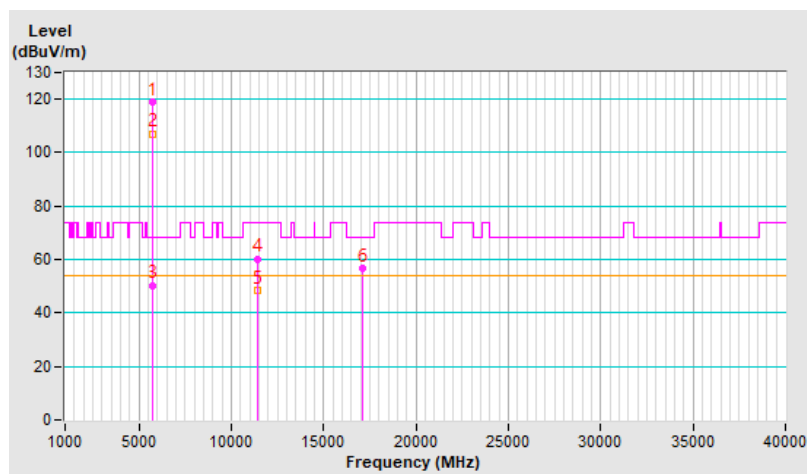


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	119.0 PK			1.30 V	219	115.8	3.2
2	*5700.00	107.1 AV			1.30 V	219	103.9	3.2
3	#5725.00	50.4 PK	68.2	-17.8	1.30 V	219	47.0	3.4
4	11400.00	60.3 PK	74.0	-13.7	2.39 V	283	47.6	12.7
5	11400.00	48.7 AV	54.0	-5.3	2.39 V	283	36.0	12.7
6	#17100.00	56.9 PK	68.2	-11.3	1.67 V	80	39.8	17.1

Remarks:

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

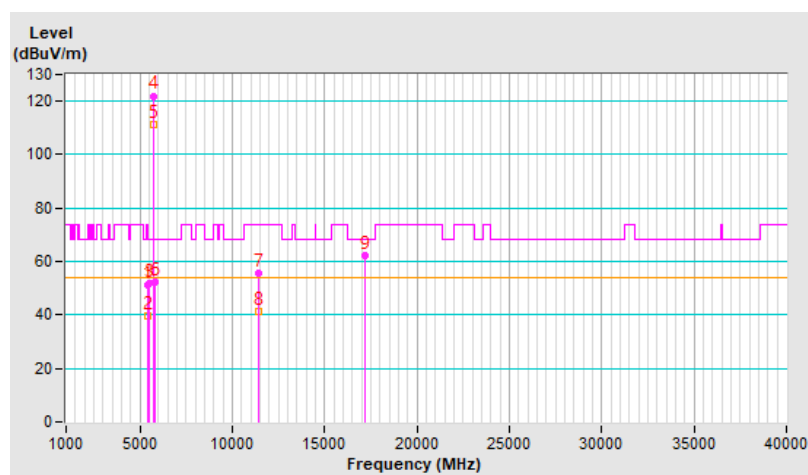


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.1 PK	74.0	-22.9	1.25 H	207	47.9	3.2
2	5460.00	39.5 AV	54.0	-14.5	1.25 H	207	36.3	3.2
3	#5470.00	51.9 PK	68.2	-16.3	1.25 H	207	48.7	3.2
4	*5720.00	122.0 PK			1.25 H	207	118.7	3.3
5	*5720.00	111.2 AV			1.25 H	207	107.9	3.3
6	#5850.00	52.5 PK	68.2	-15.7	1.25 H	207	48.7	3.8
7	11440.00	55.5 PK	74.0	-18.5	2.40 H	240	42.7	12.8
8	11440.00	41.2 AV	54.0	-12.8	2.40 H	240	28.4	12.8
9	#17160.00	62.0 PK	68.2	-6.2	1.93 H	341	45.0	17.0

Remarks:

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

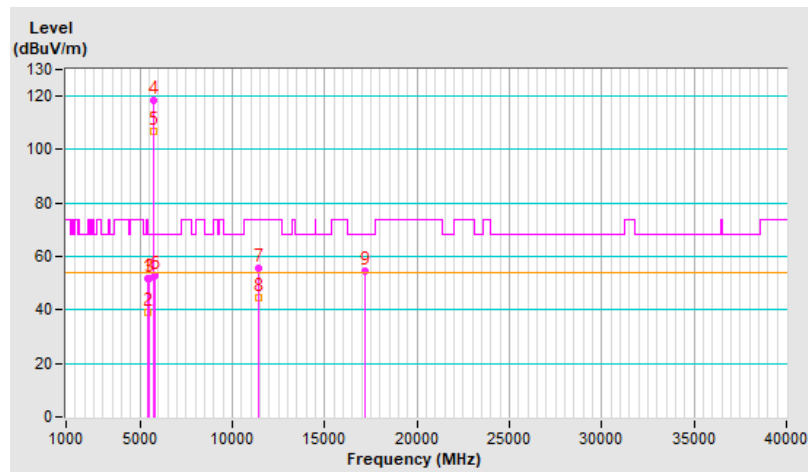


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.9 PK	74.0	-22.1	1.31 V	206	48.7	3.2
2	5460.00	39.3 AV	54.0	-14.7	1.31 V	206	36.1	3.2
3	#5470.00	51.6 PK	68.2	-16.6	1.31 V	206	48.4	3.2
4	*5720.00	118.4 PK			1.31 V	206	115.1	3.3
5	*5720.00	106.7 AV			1.31 V	206	103.4	3.3
6	#5850.00	52.7 PK	68.2	-15.5	1.31 V	206	48.9	3.8
7	11440.00	55.4 PK	74.0	-18.6	1.61 V	195	42.6	12.8
8	11440.00	44.5 AV	54.0	-9.5	1.61 V	195	31.7	12.8
9	#17160.00	54.3 PK	68.2	-13.9	1.68 V	82	37.3	17.0

Remarks:

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

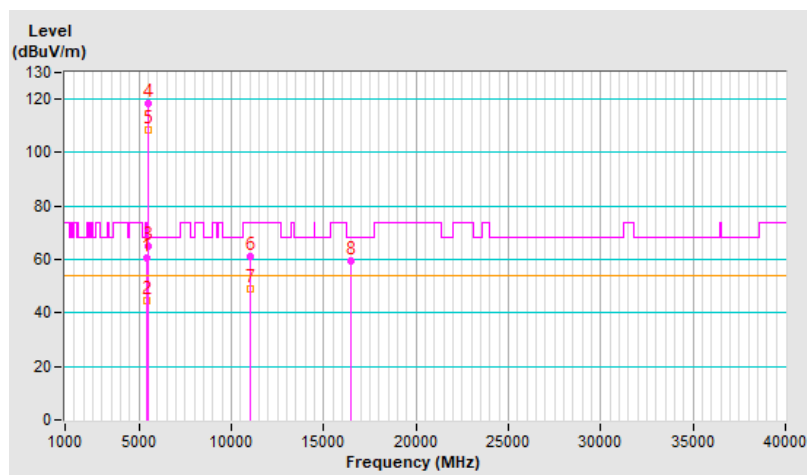


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.7 PK	74.0	-13.3	1.02 H	189	57.5	3.2
2	5460.00	44.5 AV	54.0	-9.5	1.02 H	189	41.3	3.2
3	#5470.00	65.2 PK	68.2	-3.0	1.02 H	189	62.0	3.2
4	*5500.00	118.5 PK			1.02 H	189	115.3	3.2
5	*5500.00	108.4 AV			1.02 H	189	105.2	3.2
6	11000.00	61.3 PK	74.0	-12.7	1.00 H	135	48.5	12.8
7	11000.00	48.9 AV	54.0	-5.1	1.00 H	135	36.1	12.8
8	#16500.00	59.4 PK	68.2	-8.8	1.92 H	23	45.6	13.8

Remarks:

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

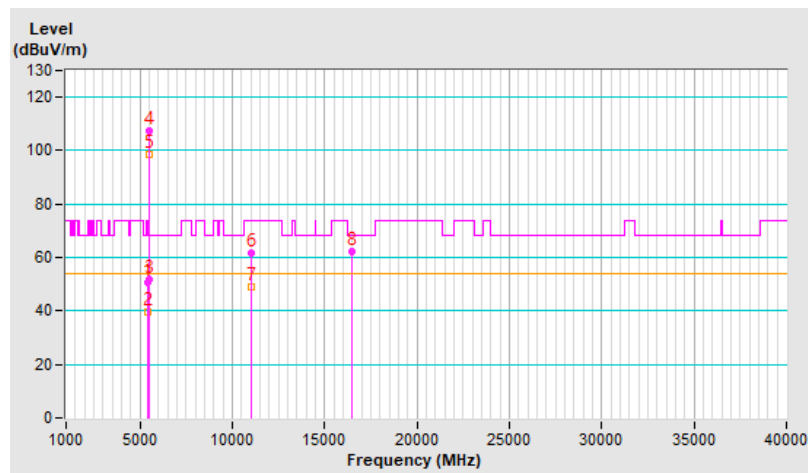


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	50.9 PK	74.0	-23.1	1.16 V	19	47.7	3.2
2	5460.00	39.6 AV	54.0	-14.4	1.16 V	19	36.4	3.2
3	#5470.00	51.7 PK	68.2	-16.5	1.16 V	19	48.5	3.2
4	*5500.00	107.4 PK			1.16 V	19	104.2	3.2
5	*5500.00	98.7 AV			1.16 V	19	95.5	3.2
6	11000.00	61.5 PK	74.0	-12.5	1.04 V	290	48.7	12.8
7	11000.00	49.2 AV	54.0	-4.8	1.04 V	290	36.4	12.8
8	#16500.00	62.3 PK	68.2	-5.9	2.91 V	217	48.5	13.8

Remarks:

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

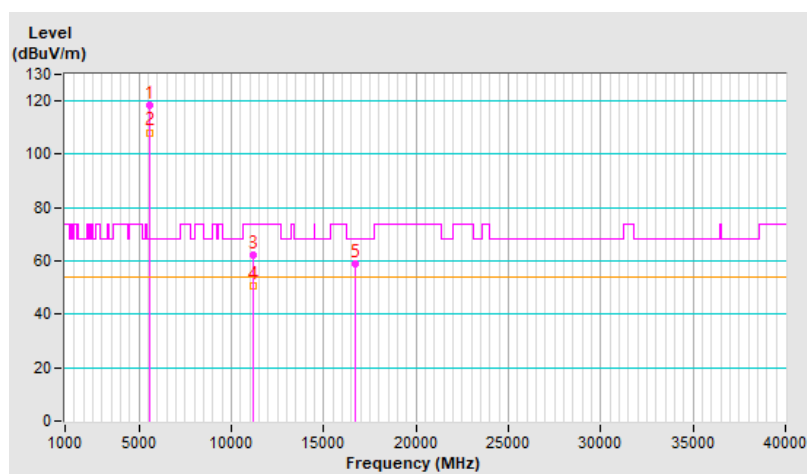


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	118.4 PK			1.04 H	193	115.4	3.0
2	*5580.00	108.2 AV			1.04 H	193	105.2	3.0
3	11160.00	62.1 PK	74.0	-11.9	1.74 H	157	49.9	12.2
4	11160.00	50.9 AV	54.0	-3.1	1.74 H	157	38.7	12.2
5	#16740.00	58.7 PK	68.2	-9.5	1.76 H	360	43.5	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.

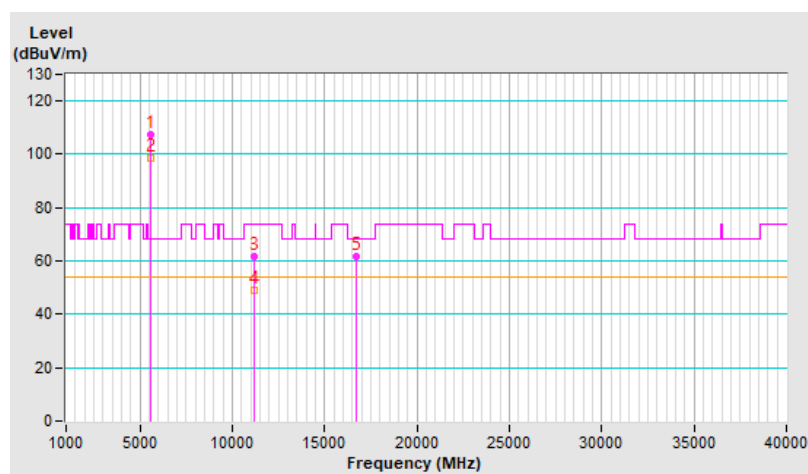


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	107.5 PK			1.22 V	22	104.5	3.0
2	*5580.00	98.6 AV			1.22 V	22	95.6	3.0
3	11160.00	61.6 PK	74.0	-12.4	1.00 V	299	49.4	12.2
4	11160.00	49.2 AV	54.0	-4.8	1.00 V	299	37.0	12.2
5	#16740.00	61.9 PK	68.2	-6.3	2.93 V	213	46.7	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.

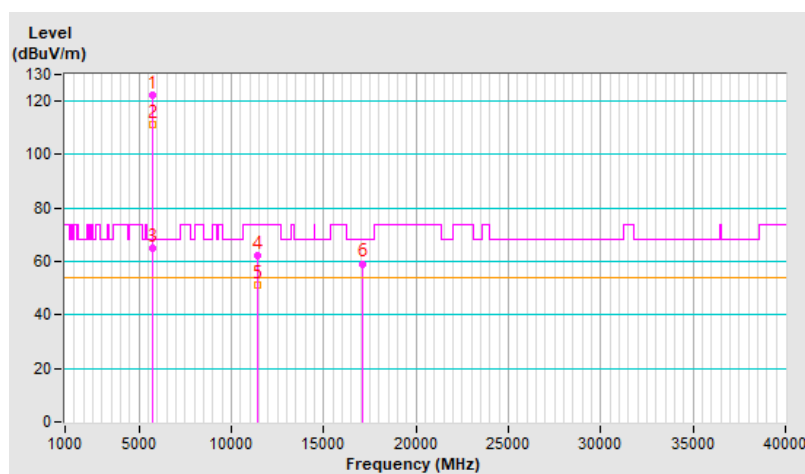


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	122.1 PK			1.07 H	204	118.9	3.2
2	*5700.00	111.4 AV			1.07 H	204	108.2	3.2
3	#5725.00	65.0 PK	68.2	-3.2	1.07 H	204	61.6	3.4
4	11400.00	62.4 PK	74.0	-11.6	1.71 H	169	49.7	12.7
5	11400.00	51.0 AV	54.0	-3.0	1.71 H	169	38.3	12.7
6	#17100.00	59.2 PK	68.2	-9.0	1.79 H	360	42.1	17.1

Remarks:

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

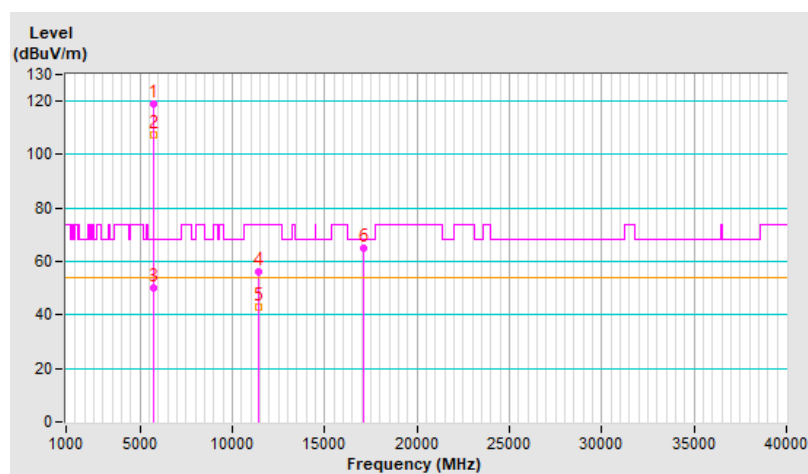


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	119.0 PK			1.17 V	28	115.8	3.2
2	*5700.00	107.3 AV			1.17 V	28	104.1	3.2
3	#5725.00	50.2 PK	68.2	-18.0	1.17 V	28	46.8	3.4
4	11400.00	56.4 PK	74.0	-17.6	2.40 V	225	43.7	12.7
5	11400.00	43.0 AV	54.0	-11.0	2.40 V	225	30.3	12.7
6	#17100.00	65.0 PK	68.2	-3.2	1.94 V	360	47.9	17.1

Remarks:

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

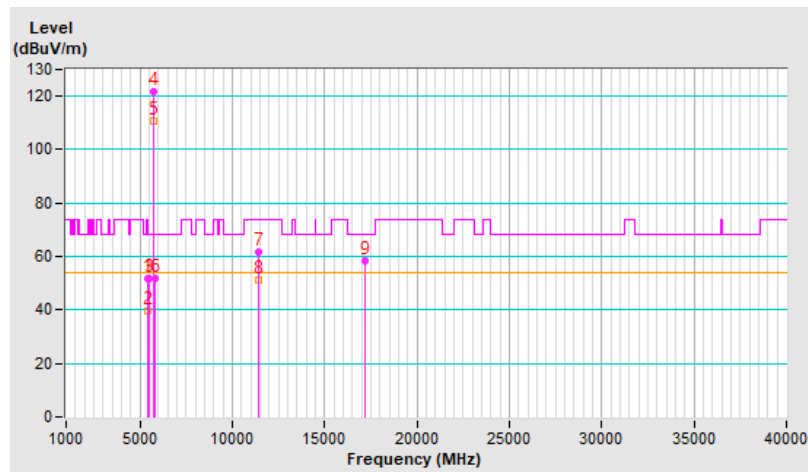


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.6 PK	74.0	-22.4	1.26 H	195	48.4	3.2
2	5460.00	39.8 AV	54.0	-14.2	1.26 H	195	36.6	3.2
3	#5470.00	51.9 PK	68.2	-16.3	1.24 H	217	48.7	3.2
4	*5720.00	121.9 PK			1.26 H	205	118.6	3.3
5	*5720.00	110.9 AV			1.26 H	205	107.6	3.3
6	#5850.00	51.8 PK	68.2	-16.4	1.25 H	212	48.0	3.8
7	11440.00	61.9 PK	74.0	-12.1	1.71 H	143	49.1	12.8
8	11440.00	51.0 AV	54.0	-3.0	1.71 H	143	38.2	12.8
9	#17160.00	58.3 PK	68.2	-9.9	1.81 H	360	41.3	17.0

Remarks:

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

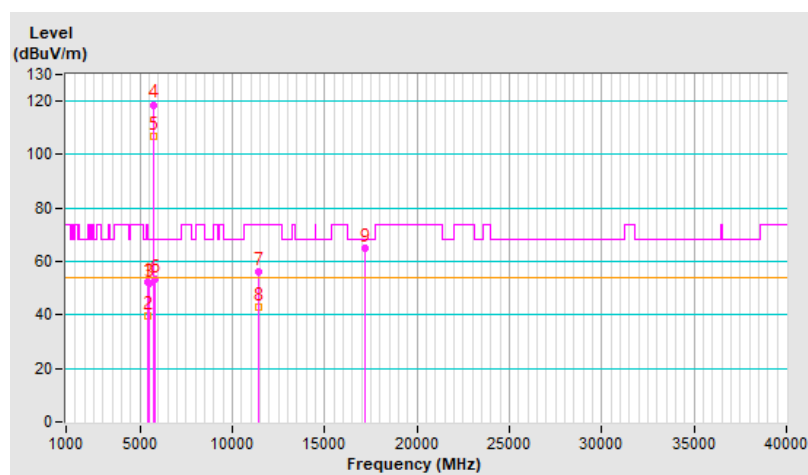


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	52.4 PK	74.0	-21.6	1.28 V	208	49.2	3.2
2	5460.00	39.8 AV	54.0	-14.2	1.28 V	208	36.6	3.2
3	#5470.00	51.6 PK	68.2	-16.6	1.28 V	208	48.4	3.2
4	*5720.00	118.7 PK			1.28 V	208	115.4	3.3
5	*5720.00	106.9 AV			1.28 V	208	103.6	3.3
6	#5850.00	53.3 PK	68.2	-14.9	1.28 V	208	49.5	3.8
7	11440.00	56.3 PK	74.0	-17.7	2.41 V	227	43.5	12.8
8	11440.00	42.7 AV	54.0	-11.3	2.41 V	227	29.9	12.8
9	#17160.00	64.9 PK	68.2	-3.3	1.94 V	360	47.9	17.0

Remarks:

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

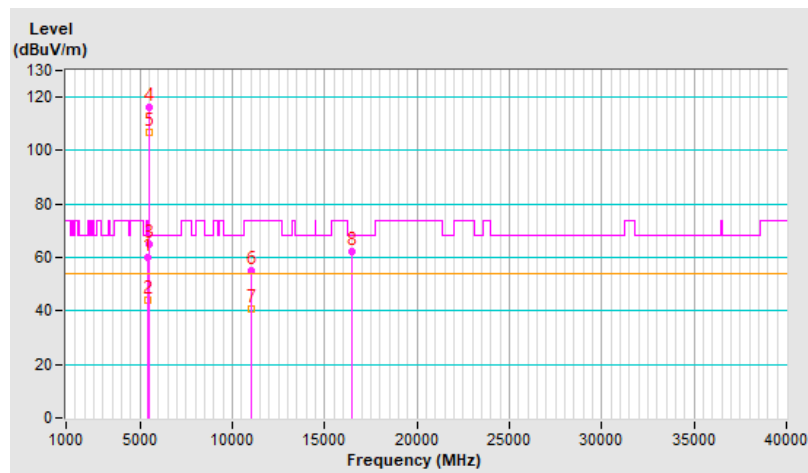


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.8 PK	74.0	-14.2	1.02 H	188	56.6	3.2
2	5460.00	44.2 AV	54.0	-9.8	1.02 H	188	41.0	3.2
3	#5470.00	65.2 PK	68.2	-3.0	1.02 H	188	62.0	3.2
4	*5500.00	116.1 PK			1.02 H	188	112.9	3.2
5	*5500.00	106.8 AV			1.02 H	188	103.6	3.2
6	11000.00	55.3 PK	74.0	-18.7	2.40 H	235	42.5	12.8
7	11000.00	40.8 AV	54.0	-13.2	2.40 H	235	28.0	12.8
8	#16500.00	62.0 PK	68.2	-6.2	1.79 H	334	48.2	13.8

Remarks:

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

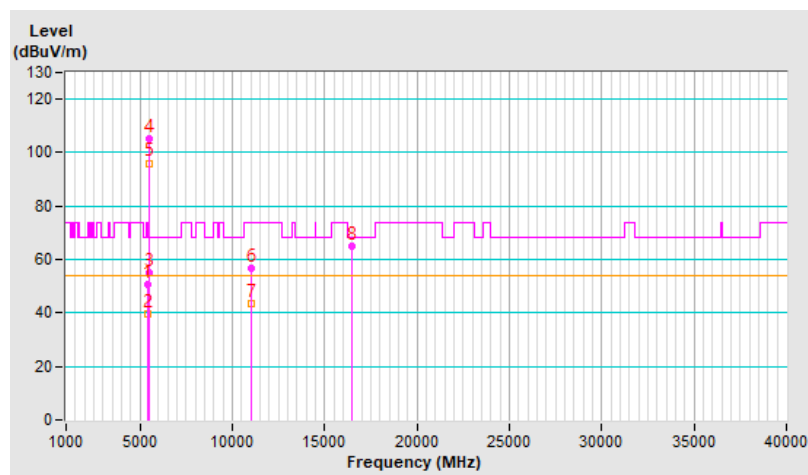


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	50.7 PK	74.0	-23.3	1.24 V	360	47.5	3.2
2	5460.00	39.5 AV	54.0	-14.5	1.24 V	360	36.3	3.2
3	#5470.00	55.3 PK	68.2	-12.9	1.24 V	360	52.1	3.2
4	*5500.00	105.0 PK			1.24 V	360	101.8	3.2
5	*5500.00	96.1 AV			1.24 V	360	92.9	3.2
6	11000.00	56.9 PK	74.0	-17.1	2.31 V	210	44.1	12.8
7	11000.00	43.3 AV	54.0	-10.7	2.31 V	210	30.5	12.8
8	#16500.00	64.9 PK	68.2	-3.3	1.95 V	360	51.1	13.8

Remarks:

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

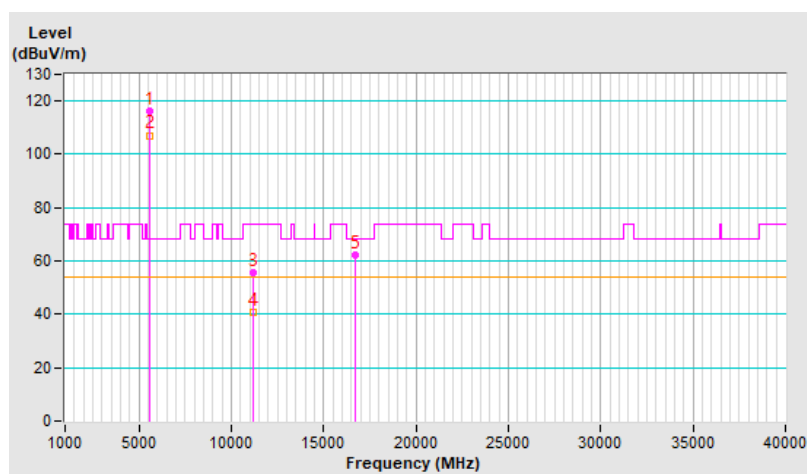


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	116.4 PK			1.04 H	180	113.4	3.0
2	*5580.00	107.1 AV			1.04 H	180	104.1	3.0
3	11160.00	55.4 PK	74.0	-18.6	2.42 H	217	43.2	12.2
4	11160.00	40.9 AV	54.0	-13.1	2.42 H	217	28.7	12.2
5	#16740.00	62.0 PK	68.2	-6.2	1.84 H	326	46.8	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.

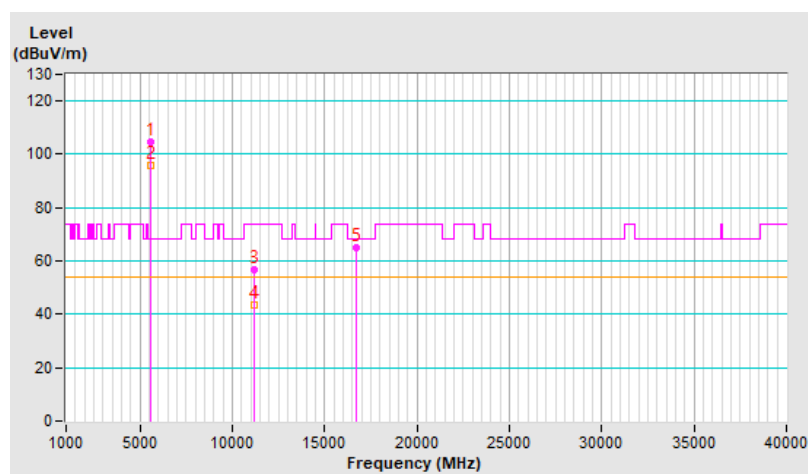


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	104.6 PK			1.20 V	360	101.6	3.0
2	*5580.00	95.7 AV			1.20 V	360	92.7	3.0
3	11160.00	56.9 PK	74.0	-17.1	2.27 V	225	44.7	12.2
4	11160.00	43.5 AV	54.0	-10.5	2.27 V	225	31.3	12.2
5	#16740.00	64.9 PK	68.2	-3.3	1.94 V	360	49.7	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.

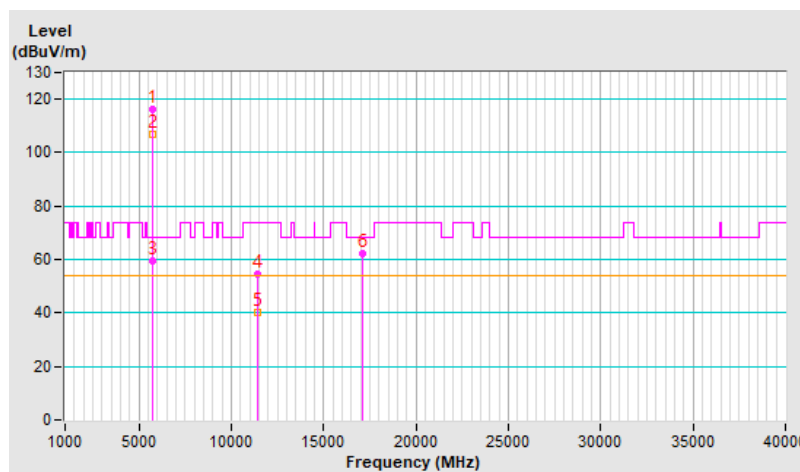


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	116.1 PK			1.05 H	201	112.9	3.2
2	*5700.00	106.6 AV			1.05 H	201	103.4	3.2
3	#5725.00	59.5 PK	68.2	-8.7	1.05 H	201	56.1	3.4
4	11400.00	54.7 PK	74.0	-19.3	2.40 H	219	42.0	12.7
5	11400.00	40.3 AV	54.0	-13.7	2.40 H	219	27.6	12.7
6	#17100.00	62.2 PK	68.2	-6.0	1.79 H	334	45.1	17.1

Remarks:

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

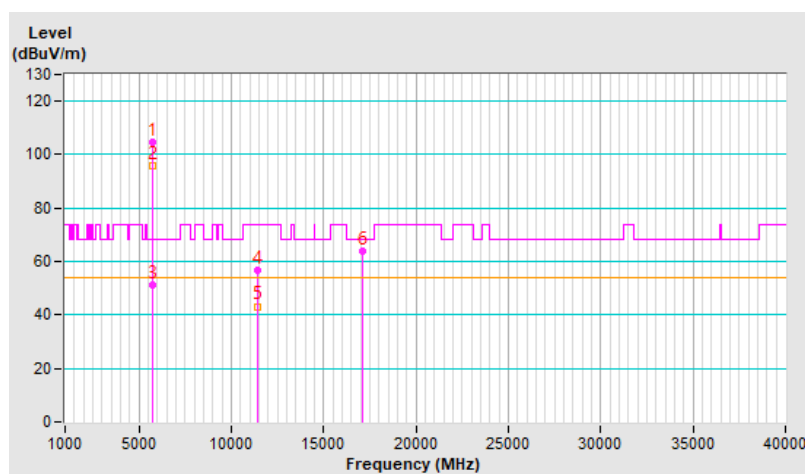


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	104.4 PK			1.21 V	360	101.2	3.2
2	*5700.00	95.6 AV			1.21 V	360	92.4	3.2
3	#5725.00	51.0 PK	68.2	-17.2	1.21 V	360	47.6	3.4
4	11400.00	56.6 PK	74.0	-17.4	2.27 V	218	43.9	12.7
5	11400.00	43.2 AV	54.0	-10.8	2.27 V	218	30.5	12.7
6	#17100.00	64.1 PK	68.2	-4.1	1.85 V	360	47.0	17.1

Remarks:

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

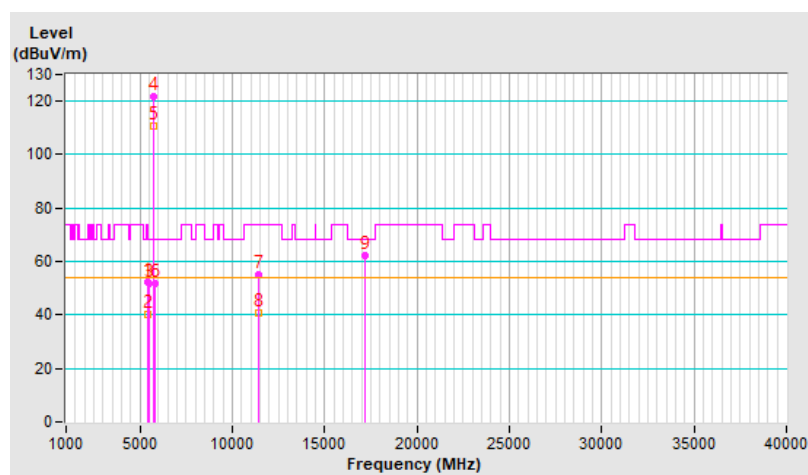


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	52.2 PK	74.0	-21.8	1.31 H	195	49.0	3.2
2	5460.00	40.3 AV	54.0	-13.7	1.31 H	195	37.1	3.2
3	#5470.00	51.6 PK	68.2	-16.6	1.31 H	195	48.4	3.2
4	*5720.00	121.6 PK			1.31 H	195	118.3	3.3
5	*5720.00	110.8 AV			1.31 H	195	107.5	3.3
6	#5850.00	51.8 PK	68.2	-16.4	1.31 H	195	48.0	3.8
7	11440.00	55.2 PK	74.0	-18.8	2.31 H	220	42.4	12.8
8	11440.00	40.6 AV	54.0	-13.4	2.31 H	220	27.8	12.8
9	#17160.00	62.0 PK	68.2	-6.2	1.83 H	321	45.0	17.0

Remarks:

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

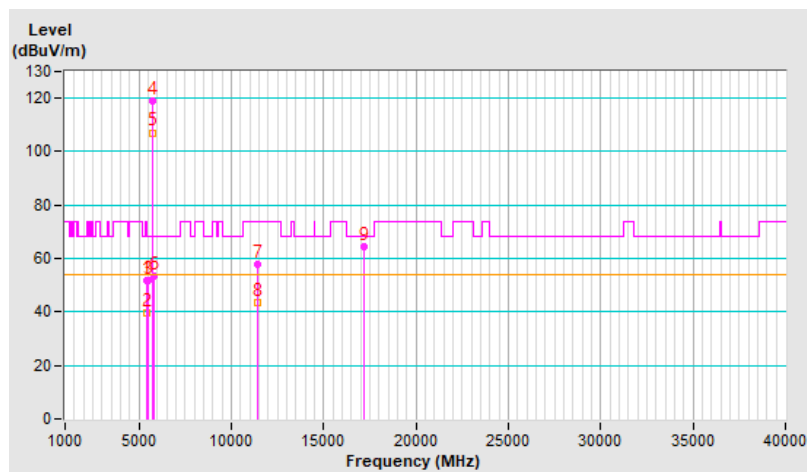


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 75% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	52.0 PK	74.0	-22.0	1.32 V	207	48.8	3.2
2	5460.00	39.4 AV	54.0	-14.6	1.32 V	207	36.2	3.2
3	#5470.00	51.8 PK	68.2	-16.4	1.32 V	207	48.6	3.2
4	*5720.00	119.0 PK			1.32 V	207	115.7	3.3
5	*5720.00	107.1 AV			1.32 V	207	103.8	3.3
6	#5850.00	53.4 PK	68.2	-14.8	1.32 V	207	49.6	3.8
7	11440.00	57.6 PK	74.0	-16.4	2.34 V	200	44.8	12.8
8	11440.00	43.7 AV	54.0	-10.3	2.34 V	200	30.9	12.8
9	#17160.00	64.2 PK	68.2	-4.0	1.97 V	360	47.2	17.0

Remarks:

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



Mode C

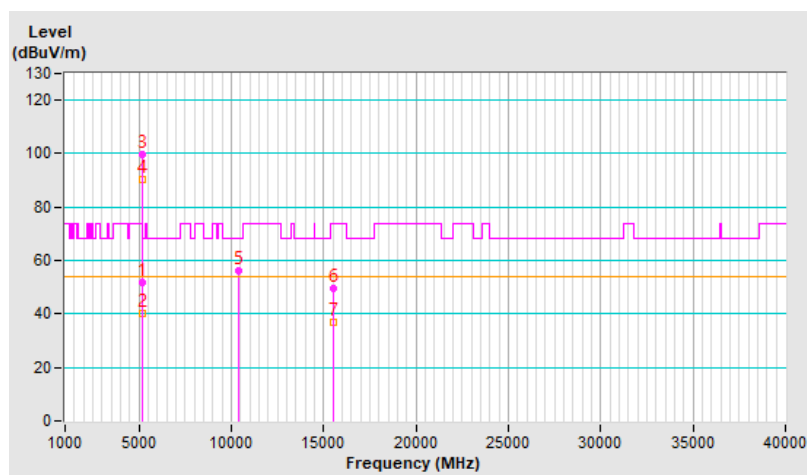
RF Mode	802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	52.0 PK	74.0	-22.0	1.04 H	17	48.6	3.4
2	5150.00	40.1 AV	54.0	-13.9	1.04 H	17	36.7	3.4
3	*5180.00	99.7 PK			1.04 H	17	96.6	3.1
4	*5180.00	90.3 AV			1.04 H	17	87.2	3.1
5	#10360.00	56.4 PK	68.2	-11.8	1.57 H	217	44.9	11.5
6	15540.00	49.6 PK	74.0	-24.4	1.45 H	104	37.4	12.2
7	15540.00	36.9 AV	54.0	-17.1	1.45 H	104	24.7	12.2

Remarks:

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

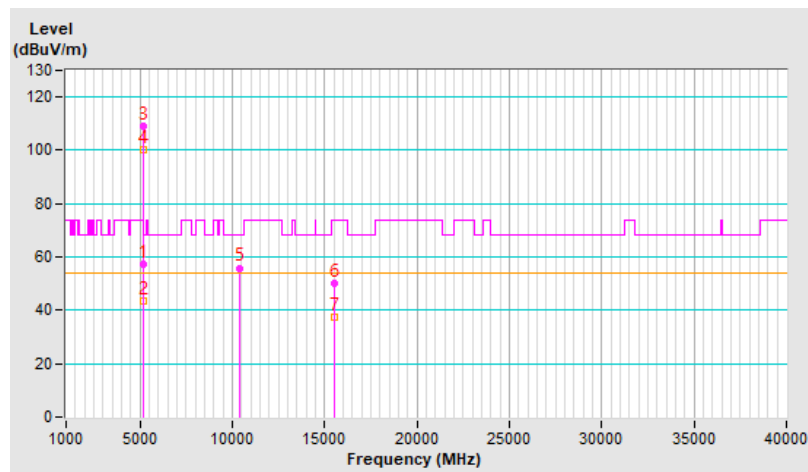


RF Mode	802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.5 PK	74.0	-16.5	2.42 V	145	54.1	3.4
2	5150.00	43.6 AV	54.0	-10.4	2.42 V	145	40.2	3.4
3	*5180.00	109.3 PK			2.42 V	145	106.2	3.1
4	*5180.00	100.1 AV			2.42 V	145	97.0	3.1
5	#10360.00	55.9 PK	68.2	-12.3	1.50 V	216	44.4	11.5
6	15540.00	50.0 PK	74.0	-24.0	1.43 V	84	37.8	12.2
7	15540.00	37.4 AV	54.0	-16.6	1.43 V	84	25.2	12.2

Remarks:

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

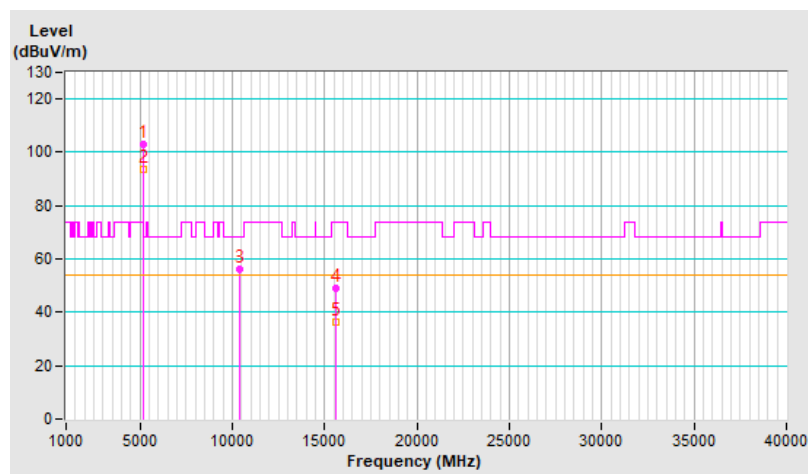


RF Mode	802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	103.0 PK			3.91 H	196	100.1	2.9
2	*5200.00	93.8 AV			3.91 H	196	90.9	2.9
3	#10400.00	56.4 PK	68.2	-11.8	1.51 H	219	44.8	11.6
4	15600.00	49.2 PK	74.0	-24.8	1.48 H	84	37.5	11.7
5	15600.00	36.4 AV	54.0	-17.6	1.48 H	84	24.7	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.

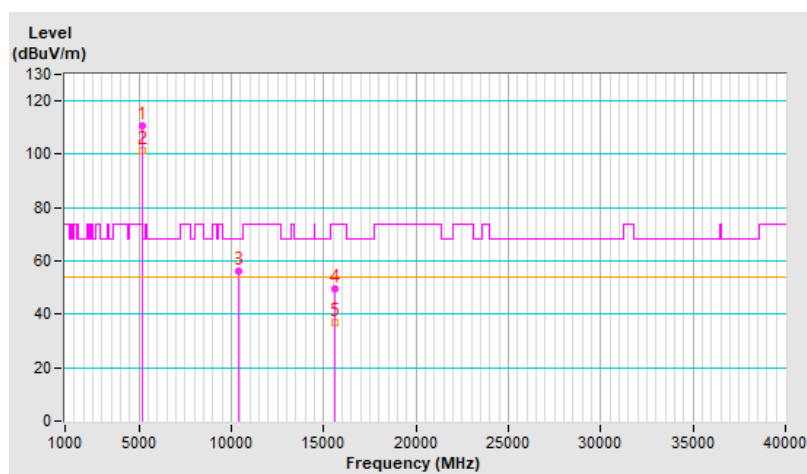


RF Mode	802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	110.6 PK			2.22 V	134	107.7	2.9
2	*5200.00	101.3 AV			2.22 V	134	98.4	2.9
3	#10400.00	56.3 PK	68.2	-11.9	1.57 V	234	44.7	11.6
4	15600.00	49.6 PK	74.0	-24.4	1.52 V	93	37.9	11.7
5	15600.00	36.8 AV	54.0	-17.2	1.52 V	93	25.1	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.

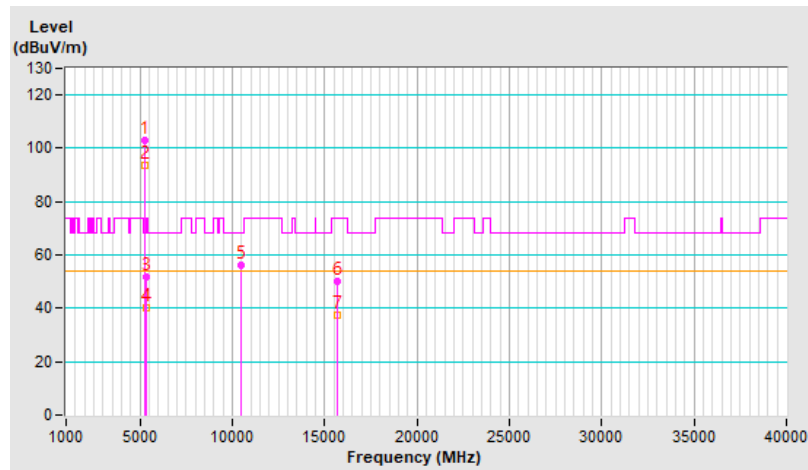


RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	103.2 PK			3.88 H	207	100.6	2.6
2	*5240.00	93.8 AV			3.88 H	207	91.2	2.6
3	5350.00	51.8 PK	74.0	-22.2	1.10 H	4	48.9	2.9
4	5350.00	40.1 AV	54.0	-13.9	1.10 H	4	37.2	2.9
5	#10480.00	56.4 PK	68.2	-11.8	1.56 H	229	44.8	11.6
6	15720.00	50.1 PK	74.0	-23.9	1.49 H	88	38.2	11.9
7	15720.00	37.2 AV	54.0	-16.8	1.49 H	88	25.3	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.

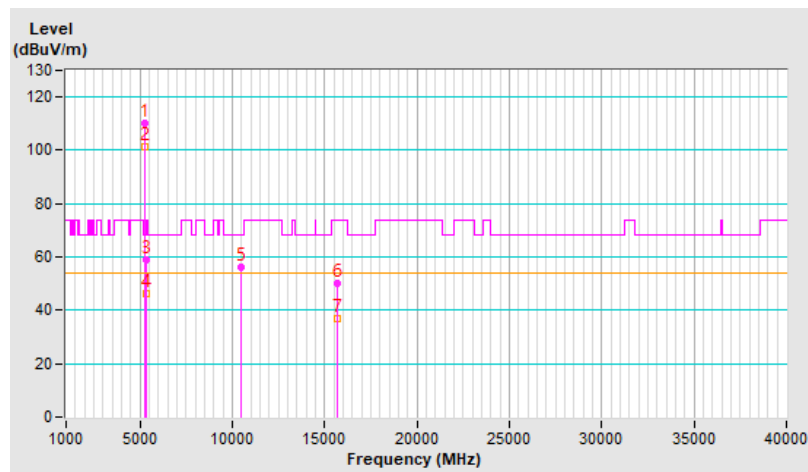


RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	110.4 PK			2.30 V	143	107.8	2.6
2	*5240.00	101.1 AV			2.30 V	143	98.5	2.6
3	5350.00	58.9 PK	74.0	-15.1	2.28 V	150	56.0	2.9
4	5350.00	46.5 AV	54.0	-7.5	2.28 V	150	43.6	2.9
5	#10480.00	56.4 PK	68.2	-11.8	1.55 V	214	44.8	11.6
6	15720.00	50.0 PK	74.0	-24.0	1.51 V	100	38.1	11.9
7	15720.00	37.1 AV	54.0	-16.9	1.51 V	100	25.2	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.

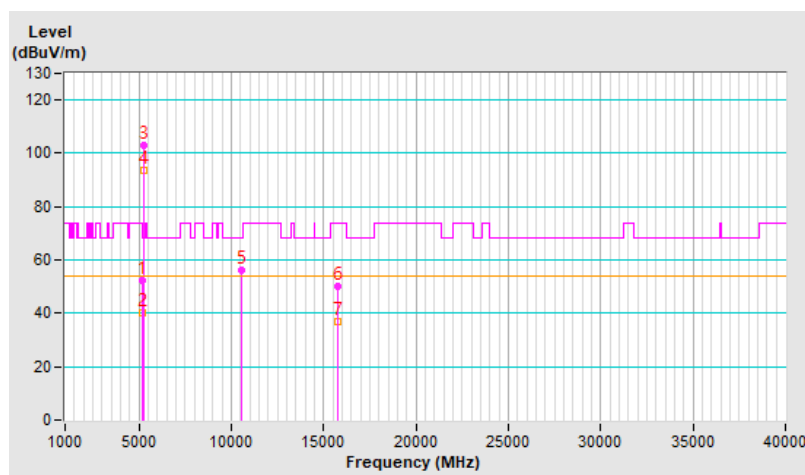


RF Mode	802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	52.5 PK	74.0	-21.5	1.09 H	16	49.1	3.4
2	5150.00	40.4 AV	54.0	-13.6	1.09 H	16	37.0	3.4
3	*5260.00	102.8 PK			3.85 H	209	100.2	2.6
4	*5260.00	93.7 AV			3.85 H	209	91.1	2.6
5	#10520.00	56.2 PK	68.2	-12.0	1.55 H	224	44.4	11.8
6	15780.00	50.0 PK	74.0	-24.0	1.40 H	86	37.7	12.3
7	15780.00	37.1 AV	54.0	-16.9	1.40 H	86	24.8	12.3

Remarks:

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

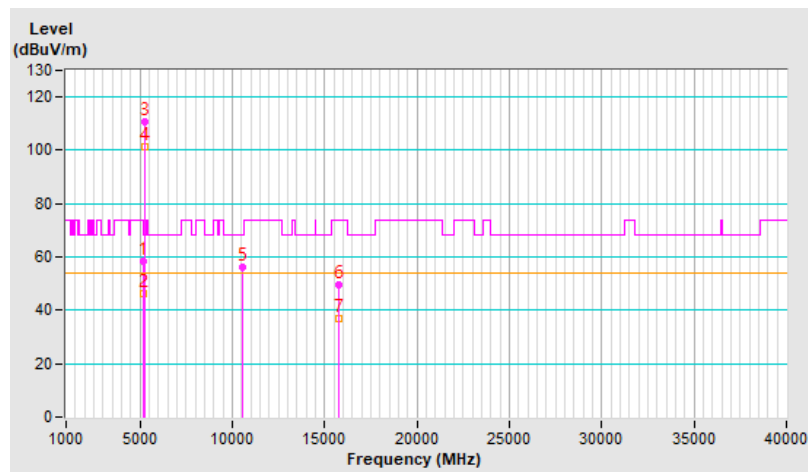


RF Mode	802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.4 PK	74.0	-15.6	2.27 V	135	55.0	3.4
2	5150.00	46.1 AV	54.0	-7.9	2.27 V	135	42.7	3.4
3	*5260.00	110.5 PK			2.23 V	139	107.9	2.6
4	*5260.00	101.1 AV			2.23 V	139	98.5	2.6
5	#10520.00	56.1 PK	68.2	-12.1	1.51 V	241	44.3	11.8
6	15780.00	49.6 PK	74.0	-24.4	1.45 V	89	37.3	12.3
7	15780.00	36.7 AV	54.0	-17.3	1.45 V	89	24.4	12.3

Remarks:

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

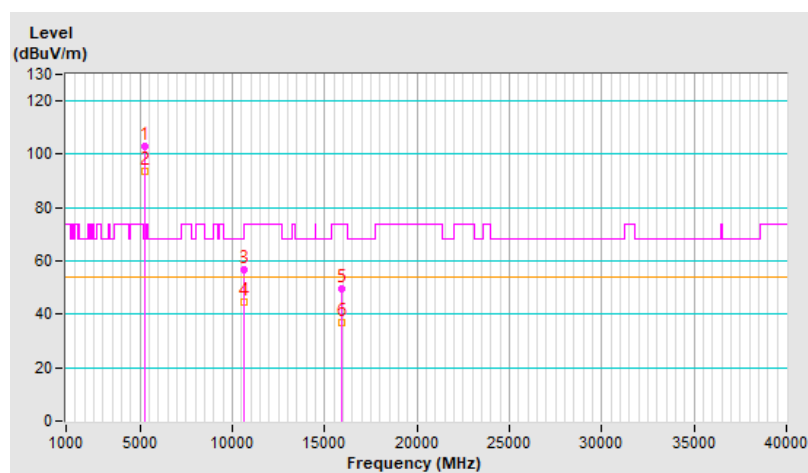


RF Mode	802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	103.0 PK			3.92 H	212	100.5	2.5
2	*5300.00	93.8 AV			3.92 H	212	91.3	2.5
3	10600.00	56.7 PK	74.0	-17.3	1.49 H	223	44.5	12.2
4	10600.00	44.5 AV	54.0	-9.5	1.49 H	223	32.3	12.2
5	15900.00	49.6 PK	74.0	-24.4	1.51 H	94	37.0	12.6
6	15900.00	37.1 AV	54.0	-16.9	1.51 H	94	24.5	12.6

Remarks:

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

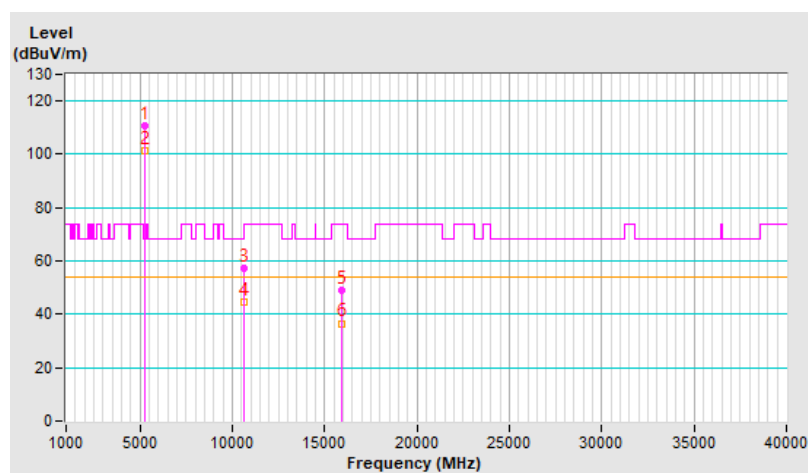


RF Mode	802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	110.5 PK			2.26 V	145	108.0	2.5
2	*5300.00	101.2 AV			2.26 V	145	98.7	2.5
3	10600.00	57.1 PK	74.0	-16.9	1.50 V	238	44.9	12.2
4	10600.00	44.8 AV	54.0	-9.2	1.50 V	238	32.6	12.2
5	15900.00	49.1 PK	74.0	-24.9	1.44 V	81	36.5	12.6
6	15900.00	36.6 AV	54.0	-17.4	1.44 V	81	24.0	12.6

Remarks:

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

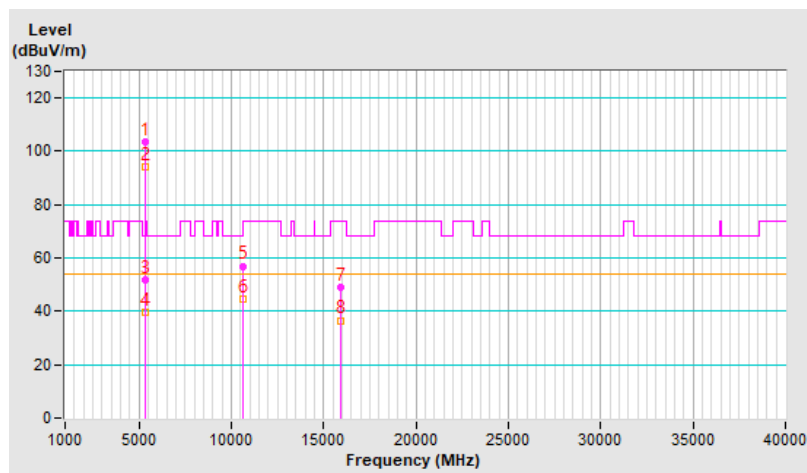


RF Mode	802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	103.4 PK			3.90 H	187	100.6	2.8
2	*5320.00	94.0 AV			3.90 H	187	91.2	2.8
3	5350.00	51.6 PK	74.0	-22.4	3.90 H	187	48.7	2.9
4	5350.00	39.6 AV	54.0	-14.4	3.90 H	187	36.7	2.9
5	10640.00	57.0 PK	74.0	-17.0	1.57 H	224	44.8	12.2
6	10640.00	44.7 AV	54.0	-9.3	1.57 H	224	32.5	12.2
7	15960.00	49.2 PK	74.0	-24.8	1.50 H	108	36.9	12.3
8	15960.00	36.6 AV	54.0	-17.4	1.50 H	108	24.3	12.3

Remarks:

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

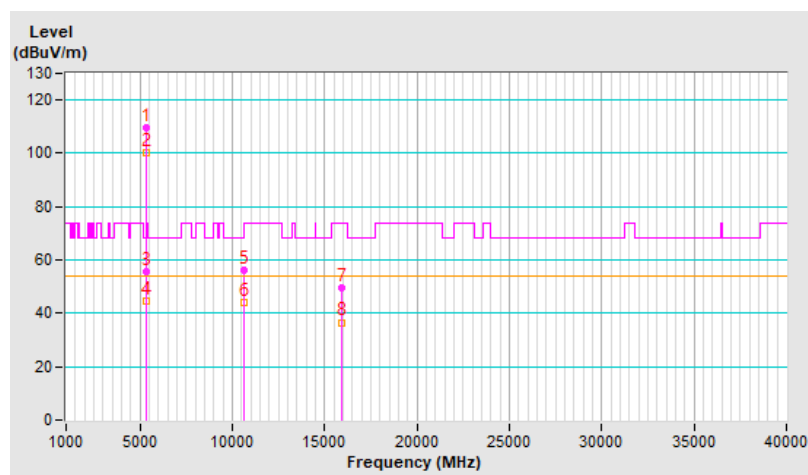


RF Mode	802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	109.6 PK			2.30 V	127	106.8	2.8
2	*5320.00	100.1 AV			2.30 V	127	97.3	2.8
3	5350.00	55.6 PK	74.0	-18.4	2.30 V	127	52.7	2.9
4	5350.00	44.6 AV	54.0	-9.4	2.30 V	127	41.7	2.9
5	10640.00	56.0 PK	74.0	-18.0	1.49 V	216	43.8	12.2
6	10640.00	43.9 AV	54.0	-10.1	1.49 V	216	31.7	12.2
7	15960.00	49.4 PK	74.0	-24.6	1.46 V	108	37.1	12.3
8	15960.00	36.6 AV	54.0	-17.4	1.46 V	108	24.3	12.3

Remarks:

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

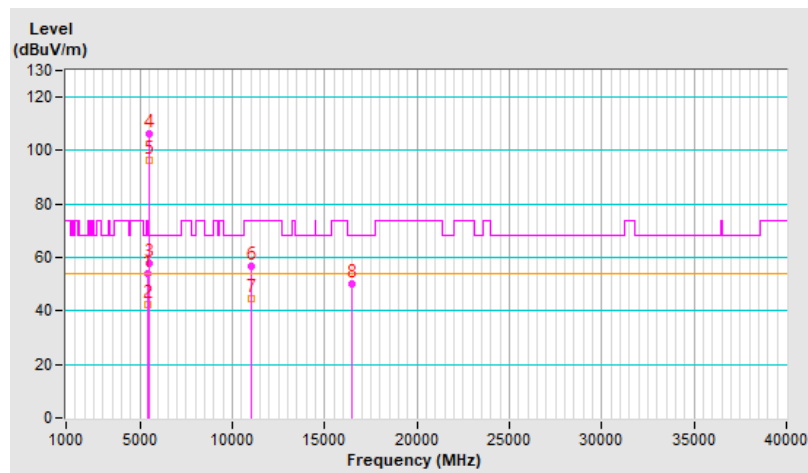


RF Mode	802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	53.8 PK	74.0	-20.2	4.00 H	186	50.6	3.2
2	5460.00	42.2 AV	54.0	-11.8	4.00 H	186	39.0	3.2
3	#5470.00	58.0 PK	68.2	-10.2	4.00 H	186	54.8	3.2
4	*5500.00	106.2 PK			4.00 H	186	103.0	3.2
5	*5500.00	96.4 AV			4.00 H	186	93.2	3.2
6	11000.00	56.9 PK	74.0	-17.1	1.56 H	238	44.1	12.8
7	11000.00	44.5 AV	54.0	-9.5	1.56 H	238	31.7	12.8
8	#16500.00	50.0 PK	68.2	-18.2	1.52 H	96	36.2	13.8

Remarks:

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

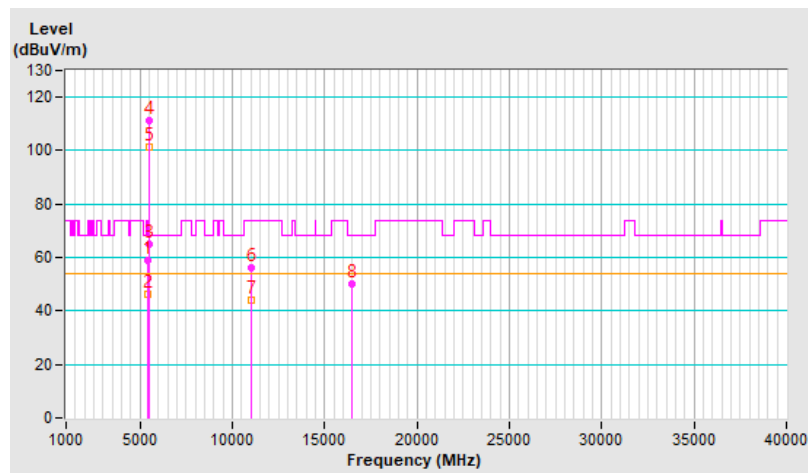


RF Mode	802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.8 PK	74.0	-15.2	2.26 V	141	55.6	3.2
2	5460.00	46.5 AV	54.0	-7.5	2.26 V	141	43.3	3.2
3	#5470.00	64.8 PK	68.2	-3.4	2.26 V	141	61.6	3.2
4	*5500.00	111.0 PK			2.26 V	141	107.8	3.2
5	*5500.00	101.5 AV			2.26 V	141	98.3	3.2
6	11000.00	56.0 PK	74.0	-18.0	1.51 V	214	43.2	12.8
7	11000.00	44.2 AV	54.0	-9.8	1.51 V	214	31.4	12.8
8	#16500.00	50.0 PK	68.2	-18.2	1.41 V	84	36.2	13.8

Remarks:

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

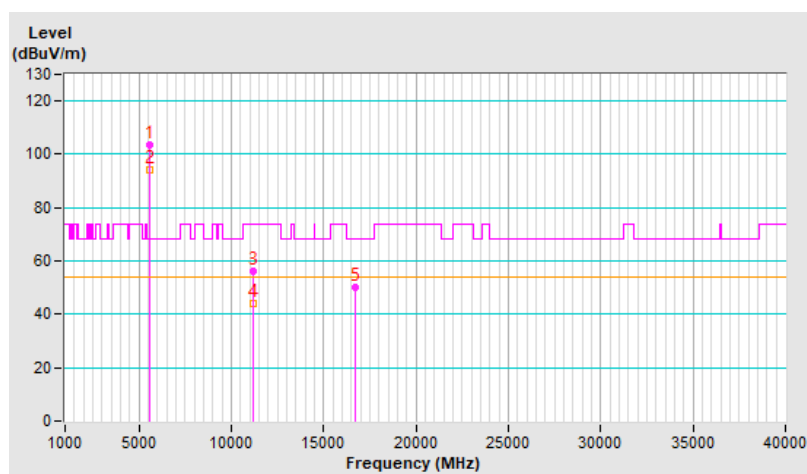


RF Mode	802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	103.6 PK			3.94 H	193	100.6	3.0
2	*5580.00	94.3 AV			3.94 H	193	91.3	3.0
3	11160.00	56.0 PK	74.0	-18.0	1.58 H	234	43.8	12.2
4	11160.00	43.9 AV	54.0	-10.1	1.58 H	234	31.7	12.2
5	#16740.00	50.1 PK	68.2	-18.1	1.50 H	102	34.9	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.

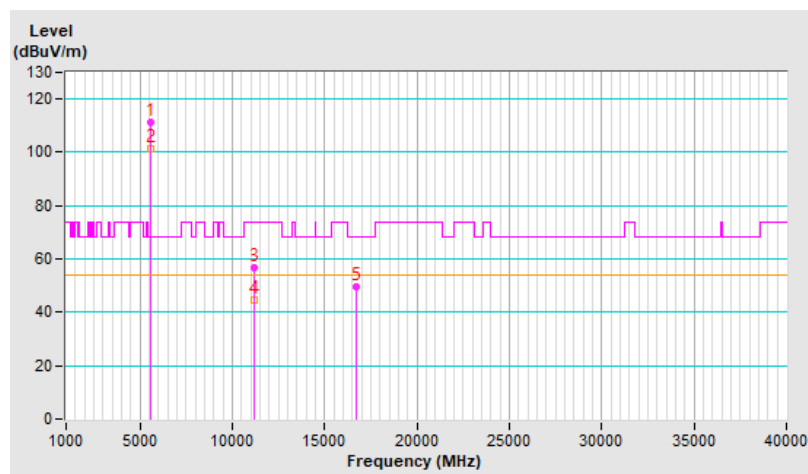


RF Mode	802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	111.0 PK			2.28 V	129	108.0	3.0
2	*5580.00	101.4 AV			2.28 V	129	98.4	3.0
3	11160.00	56.8 PK	74.0	-17.2	1.55 V	212	44.6	12.2
4	11160.00	44.7 AV	54.0	-9.3	1.55 V	212	32.5	12.2
5	#16740.00	49.4 PK	68.2	-18.8	1.51 V	98	34.2	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.

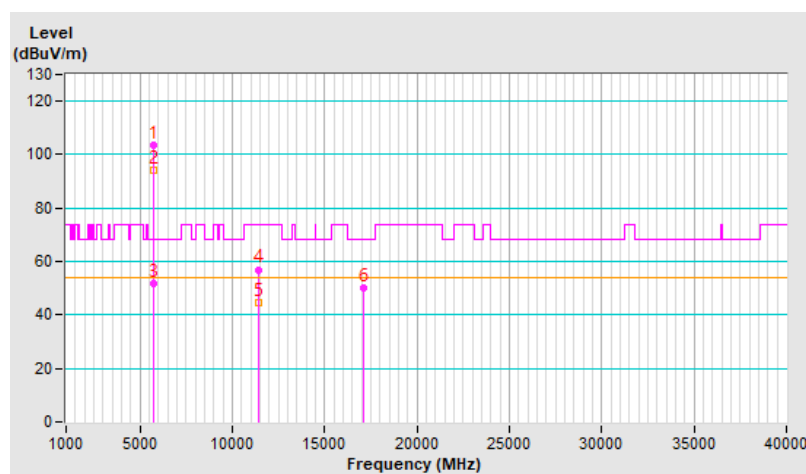


RF Mode	802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	103.5 PK			3.95 H	203	100.3	3.2
2	*5700.00	94.1 AV			3.95 H	203	90.9	3.2
3	#5725.00	51.7 PK	68.2	-16.5	3.85 H	178	48.3	3.4
4	11400.00	57.0 PK	74.0	-17.0	1.52 H	230	44.3	12.7
5	11400.00	44.8 AV	54.0	-9.2	1.52 H	230	32.1	12.7
6	#17100.00	50.1 PK	68.2	-18.1	1.47 H	83	33.0	17.1

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.



Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	110.3 PK			2.21 V	131	107.1	3.2
2	*5700.00	101.0 AV			2.21 V	131	97.8	3.2
3	#5725.00	58.7 PK	68.2	-9.5	2.22 V	131	55.3	3.4
4	11400.00	56.4 PK	74.0	-17.6	1.58 V	242	43.7	12.7
5	11400.00	44.1 AV	54.0	-9.9	1.58 V	242	31.4	12.7
6	#17100.00	49.4 PK	68.2	-18.8	1.51 V	85	32.3	17.1

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

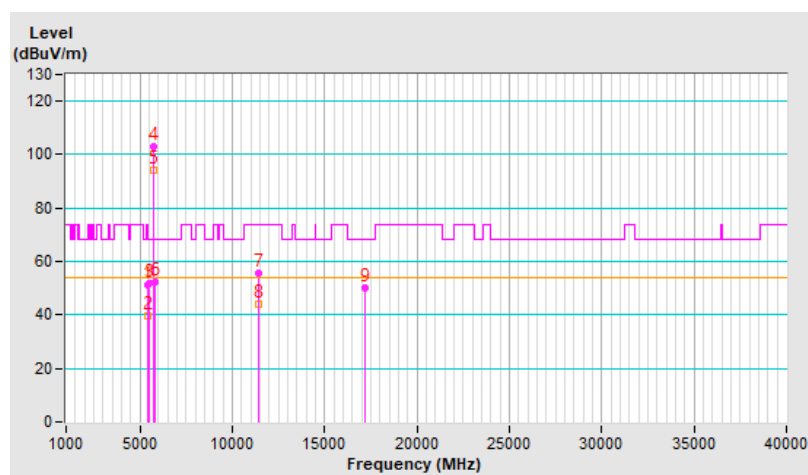


RF Mode	802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.4 PK	74.0	-22.6	3.88 H	191	48.2	3.2
2	5460.00	39.7 AV	54.0	-14.3	3.88 H	191	36.5	3.2
3	#5470.00	51.8 PK	68.2	-16.4	3.88 H	191	48.6	3.2
4	*5720.00	103.2 PK			3.88 H	191	99.9	3.3
5	*5720.00	94.1 AV			3.88 H	191	90.8	3.3
6	#5850.00	52.2 PK	68.2	-16.0	3.88 H	191	48.4	3.8
7	11440.00	55.8 PK	74.0	-18.2	1.51 H	217	43.0	12.8
8	11440.00	43.8 AV	54.0	-10.2	1.51 H	217	31.0	12.8
9	#17160.00	49.9 PK	68.2	-18.3	1.44 H	114	32.9	17.0

Remarks:

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

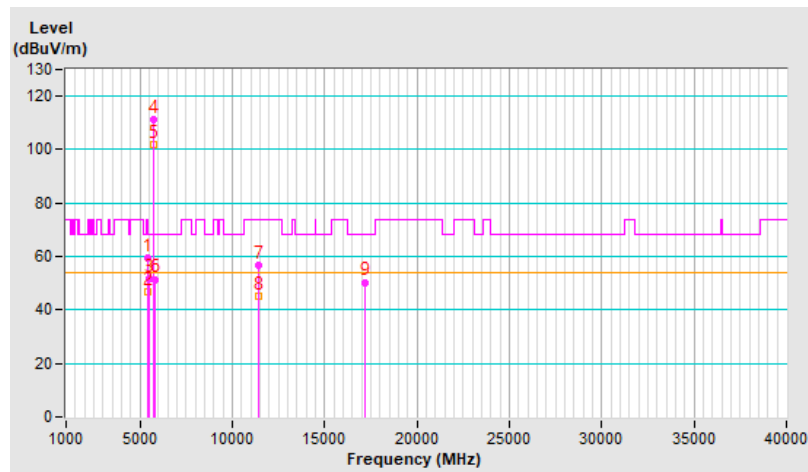


RF Mode	802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.5 PK	74.0	-14.5	2.21 V	151	56.3	3.2
2	5460.00	47.0 AV	54.0	-7.0	2.21 V	151	43.8	3.2
3	#5470.00	51.6 PK	68.2	-16.6	2.21 V	151	48.4	3.2
4	*5720.00	111.2 PK			2.21 V	151	107.9	3.3
5	*5720.00	101.8 AV			2.21 V	151	98.5	3.3
6	#5850.00	51.5 PK	68.2	-16.7	2.21 V	151	47.7	3.8
7	11440.00	56.9 PK	74.0	-17.1	1.43 V	227	44.1	12.8
8	11440.00	45.0 AV	54.0	-9.0	1.43 V	227	32.2	12.8
9	#17160.00	50.4 PK	68.2	-17.8	1.50 V	112	33.4	17.0

Remarks:

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

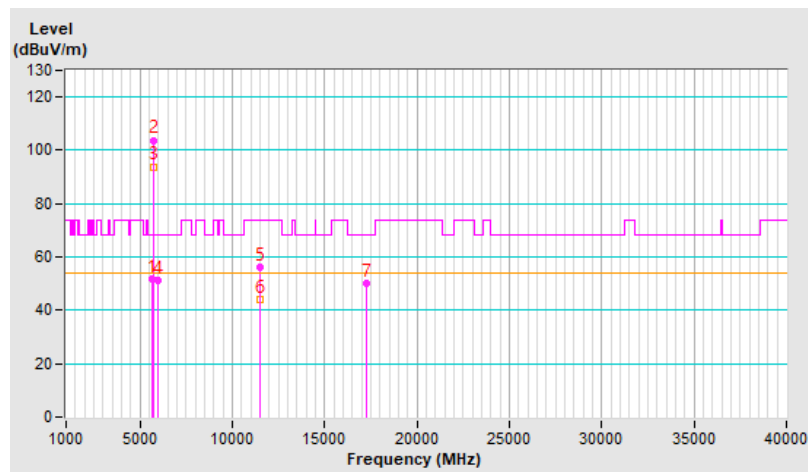


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5637.85	51.8 PK	68.2	-16.4	3.64 H	146	48.7	3.1
2	*5745.00	103.8 PK			3.64 H	146	100.3	3.5
3	*5745.00	93.9 AV			3.64 H	146	90.4	3.5
4	#5956.45	51.3 PK	68.2	-16.9	3.64 H	146	47.8	3.5
5	11490.00	56.2 PK	74.0	-17.8	1.55 H	226	43.6	12.6
6	11490.00	44.3 AV	54.0	-9.7	1.55 H	226	31.7	12.6
7	#17235.00	49.9 PK	68.2	-18.3	1.42 H	106	32.6	17.3

Remarks:

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

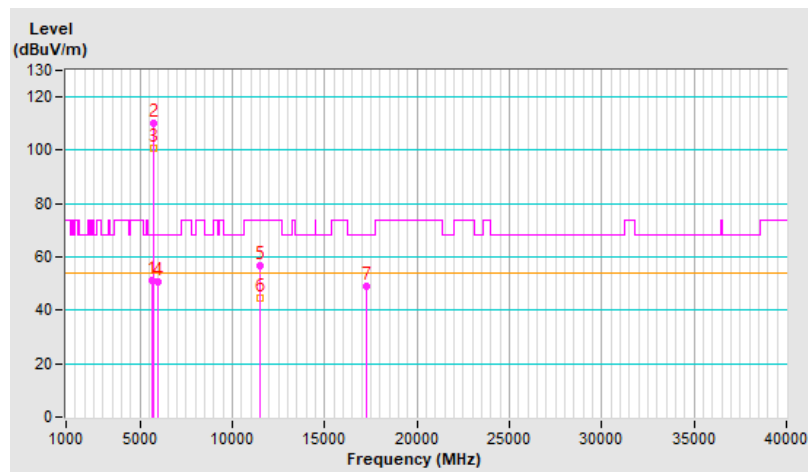


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5626.96	51.4 PK	68.2	-16.8	2.24 V	154	48.4	3.0
2	*5745.00	109.9 PK			2.24 V	154	106.4	3.5
3	*5745.00	100.9 AV			2.24 V	154	97.4	3.5
4	#5951.55	50.8 PK	68.2	-17.4	2.24 V	154	47.3	3.5
5	11490.00	56.7 PK	74.0	-17.3	1.53 V	233	44.1	12.6
6	11490.00	44.5 AV	54.0	-9.5	1.53 V	233	31.9	12.6
7	#17235.00	49.0 PK	68.2	-19.2	1.47 V	88	31.7	17.3

Remarks:

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

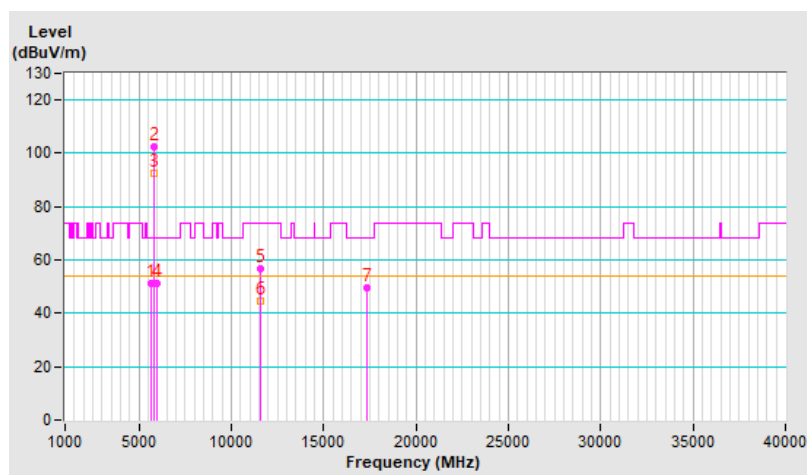


RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5632.15	51.3 PK	68.2	-16.9	2.46 H	166	48.2	3.1
2	*5785.00	102.6 PK			2.46 H	166	99.1	3.5
3	*5785.00	92.7 AV			2.46 H	166	89.2	3.5
4	#5935.97	51.0 PK	68.2	-17.2	2.46 H	166	47.4	3.6
5	11570.00	56.6 PK	74.0	-17.4	1.55 H	240	44.1	12.5
6	11570.00	44.8 AV	54.0	-9.2	1.55 H	240	32.3	12.5
7	#17355.00	49.4 PK	68.2	-18.8	1.49 H	92	31.8	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.

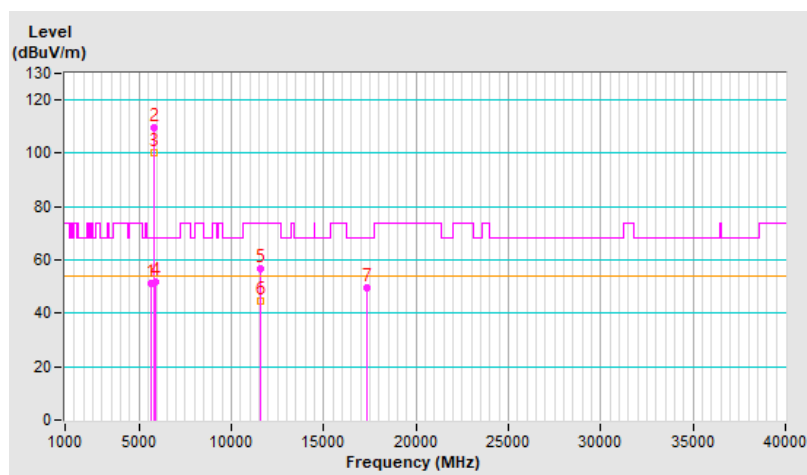


RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5643.56	51.4 PK	68.2	-16.8	2.24 V	154	48.4	3.0
2	*5785.00	109.4 PK			2.24 V	154	105.9	3.5
3	*5785.00	100.2 AV			2.24 V	154	96.7	3.5
4	#5932.90	51.8 PK	68.2	-16.4	2.24 V	154	48.2	3.6
5	11570.00	56.7 PK	74.0	-17.3	1.49 V	231	44.2	12.5
6	11570.00	44.5 AV	54.0	-9.5	1.49 V	231	32.0	12.5
7	#17355.00	49.8 PK	68.2	-18.4	1.44 V	100	32.2	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.

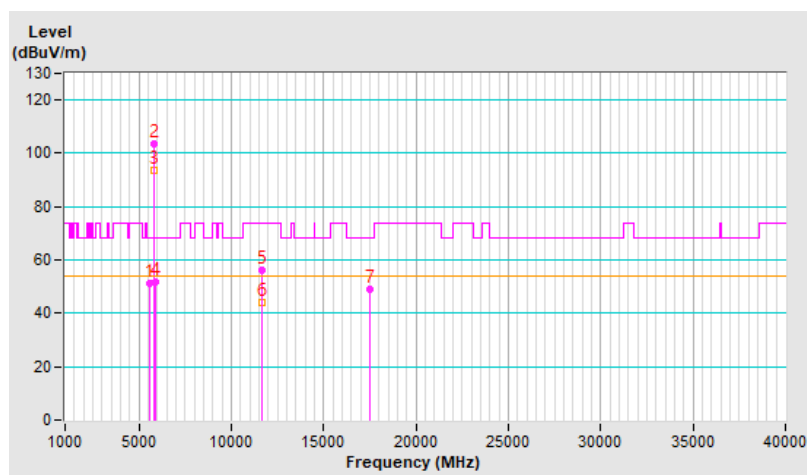


RF Mode	802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5613.92	51.2 PK	68.2	-17.0	2.17 H	166	48.2	3.0
2	*5825.00	103.5 PK			2.17 H	166	99.8	3.7
3	*5825.00	93.5 AV			2.17 H	166	89.8	3.7
4	#5933.02	51.7 PK	68.2	-16.5	2.17 H	166	48.1	3.6
5	11650.00	56.1 PK	74.0	-17.9	1.56 H	237	44.0	12.1
6	11650.00	44.2 AV	54.0	-9.8	1.56 H	237	32.1	12.1
7	#17475.00	49.0 PK	68.2	-19.2	1.41 H	92	30.8	18.2

Remarks:

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

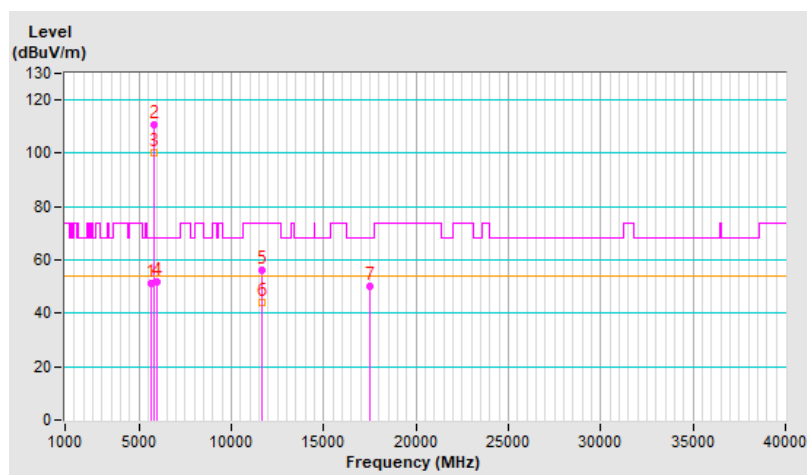


RF Mode	802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5646.50	51.4 PK	68.2	-16.8	2.34 V	165	48.4	3.0
2	*5825.00	110.5 PK			2.34 V	165	106.8	3.7
3	*5825.00	100.3 AV			2.34 V	165	96.6	3.7
4	#5956.64	51.6 PK	68.2	-16.6	2.34 V	165	48.1	3.5
5	11650.00	56.0 PK	74.0	-18.0	1.56 V	243	43.9	12.1
6	11650.00	43.9 AV	54.0	-10.1	1.56 V	243	31.8	12.1
7	#17475.00	50.0 PK	68.2	-18.2	1.43 V	96	31.8	18.2

Remarks:

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

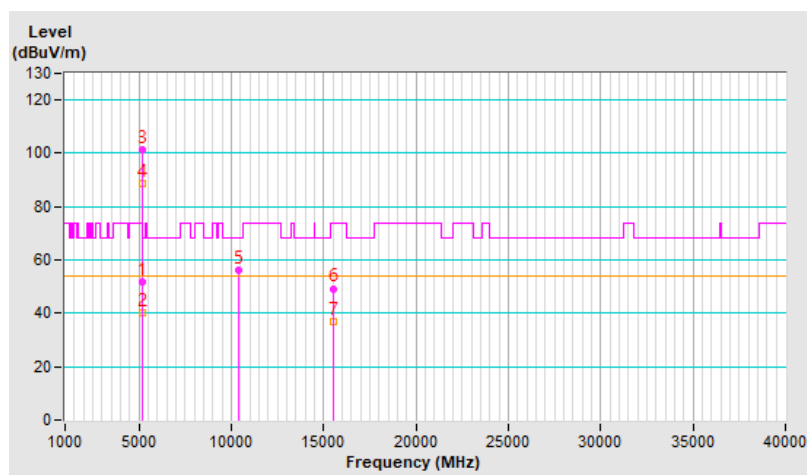


RF Mode	802.11ax (HE20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	51.9 PK	74.0	-22.1	1.02 H	17	48.5	3.4
2	5150.00	40.1 AV	54.0	-13.9	1.02 H	17	36.7	3.4
3	*5180.00	101.2 PK			1.02 H	17	98.1	3.1
4	*5180.00	88.6 AV			1.02 H	17	85.5	3.1
5	#10360.00	56.1 PK	68.2	-12.1	1.49 H	243	44.6	11.5
6	15540.00	49.3 PK	74.0	-24.7	1.49 H	98	37.1	12.2
7	15540.00	36.7 AV	54.0	-17.3	1.49 H	98	24.5	12.2

Remarks:

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

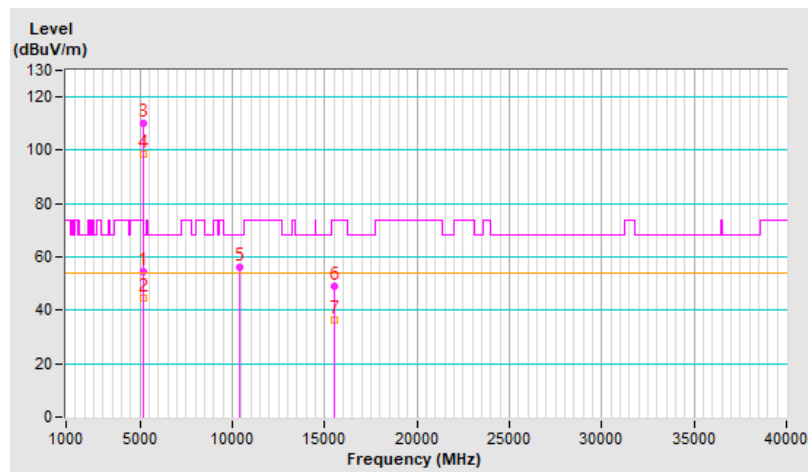


RF Mode	802.11ax (HE20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.6 PK	74.0	-19.4	2.41 V	144	51.2	3.4
2	5150.00	44.5 AV	54.0	-9.5	2.41 V	144	41.1	3.4
3	*5180.00	110.4 PK			2.41 V	144	107.3	3.1
4	*5180.00	98.8 AV			2.41 V	144	95.7	3.1
5	#10360.00	56.0 PK	68.2	-12.2	1.58 V	229	44.5	11.5
6	15540.00	49.0 PK	74.0	-25.0	1.41 V	83	36.8	12.2
7	15540.00	36.5 AV	54.0	-17.5	1.41 V	83	24.3	12.2

Remarks:

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

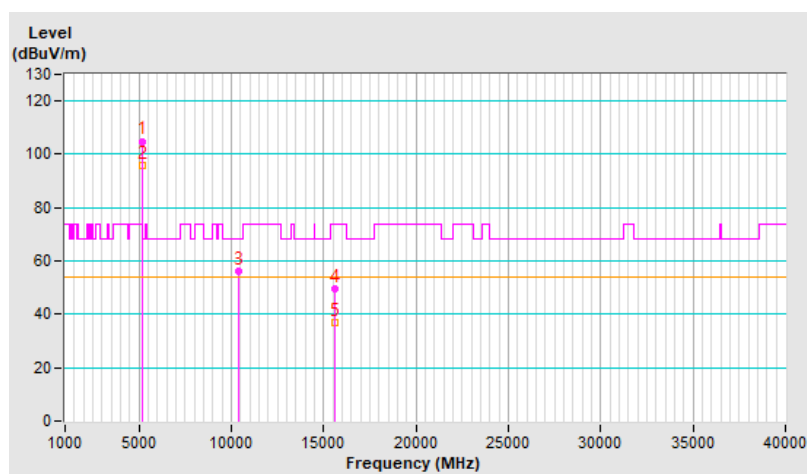


RF Mode	802.11ax (HE20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	104.9 PK			3.99 H	190	102.0	2.9
2	*5200.00	95.7 AV			3.99 H	190	92.8	2.9
3	#10400.00	56.0 PK	68.2	-12.2	1.48 H	241	44.4	11.6
4	15600.00	49.7 PK	74.0	-24.3	1.45 H	107	38.0	11.7
5	15600.00	37.1 AV	54.0	-16.9	1.45 H	107	25.4	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.

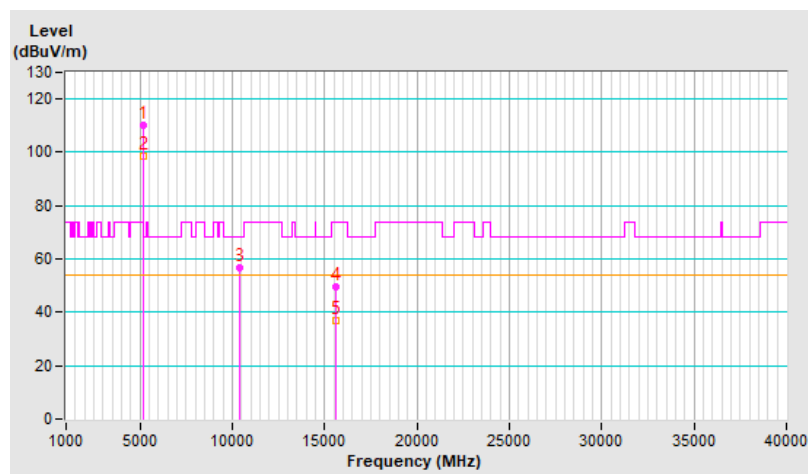


RF Mode	802.11ax (HE20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	110.2 PK			2.42 V	132	107.3	2.9
2	*5200.00	98.5 AV			2.42 V	132	95.6	2.9
3	#10400.00	56.8 PK	68.2	-11.4	1.57 V	216	45.2	11.6
4	15600.00	49.8 PK	74.0	-24.2	1.44 V	95	38.1	11.7
5	15600.00	36.9 AV	54.0	-17.1	1.44 V	95	25.2	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.

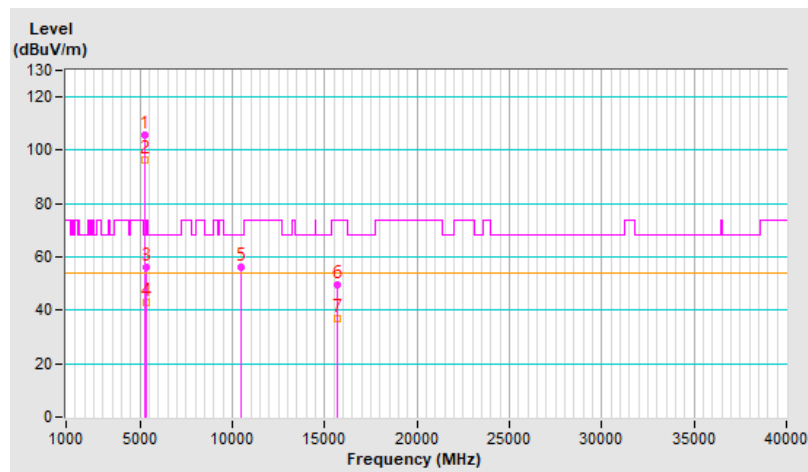


RF Mode	802.11ax (HE20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	105.5 PK			4.00 H	185	102.9	2.6
2	*5240.00	96.3 AV			4.00 H	185	93.7	2.6
3	5350.00	56.2 PK	74.0	-17.8	3.98 H	172	53.3	2.9
4	5350.00	42.8 AV	54.0	-11.2	3.98 H	172	39.9	2.9
5	#10480.00	56.1 PK	68.2	-12.1	1.49 H	223	44.5	11.6
6	15720.00	49.5 PK	74.0	-24.5	1.47 H	105	37.6	11.9
7	15720.00	36.7 AV	54.0	-17.3	1.47 H	105	24.8	11.9

Remarks:

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

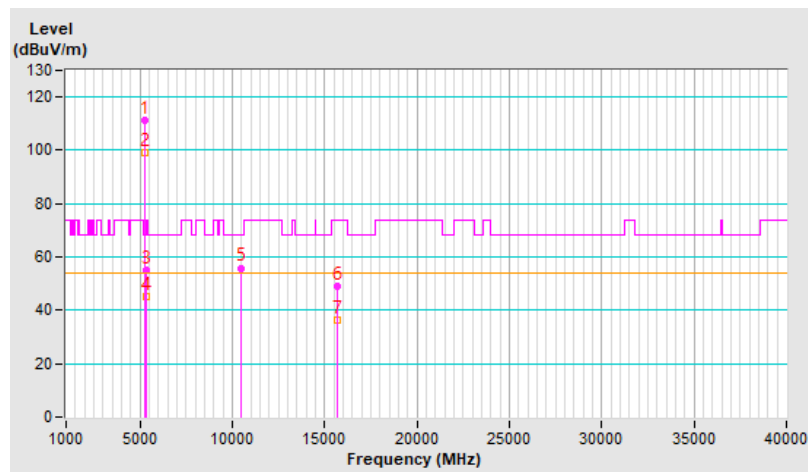


RF Mode	802.11ax (HE20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	111.1 PK			2.42 V	142	108.5	2.6
2	*5240.00	99.3 AV			2.42 V	142	96.7	2.6
3	5350.00	55.0 PK	74.0	-19.0	2.44 V	146	52.1	2.9
4	5350.00	44.9 AV	54.0	-9.1	2.44 V	146	42.0	2.9
5	#10480.00	55.9 PK	68.2	-12.3	1.58 V	215	44.3	11.6
6	15720.00	49.0 PK	74.0	-25.0	1.45 V	103	37.1	11.9
7	15720.00	36.5 AV	54.0	-17.5	1.45 V	103	24.6	11.9

Remarks:

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

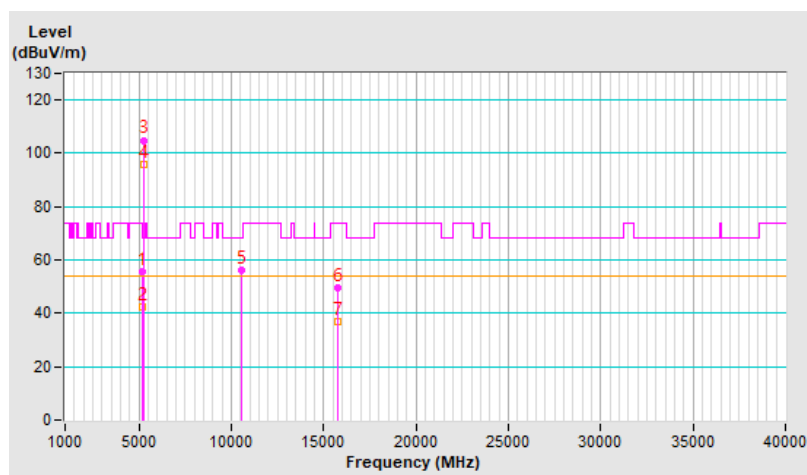


RF Mode	802.11ax (HE20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.8 PK	74.0	-18.2	3.97 H	200	52.4	3.4
2	5150.00	42.6 AV	54.0	-11.4	3.97 H	200	39.2	3.4
3	*5260.00	104.9 PK			3.98 H	173	102.3	2.6
4	*5260.00	96.0 AV			3.98 H	173	93.4	2.6
5	#10520.00	56.4 PK	68.2	-11.8	1.56 H	239	44.6	11.8
6	15780.00	49.6 PK	74.0	-24.4	1.48 H	90	37.3	12.3
7	15780.00	37.1 AV	54.0	-16.9	1.48 H	90	24.8	12.3

Remarks:

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

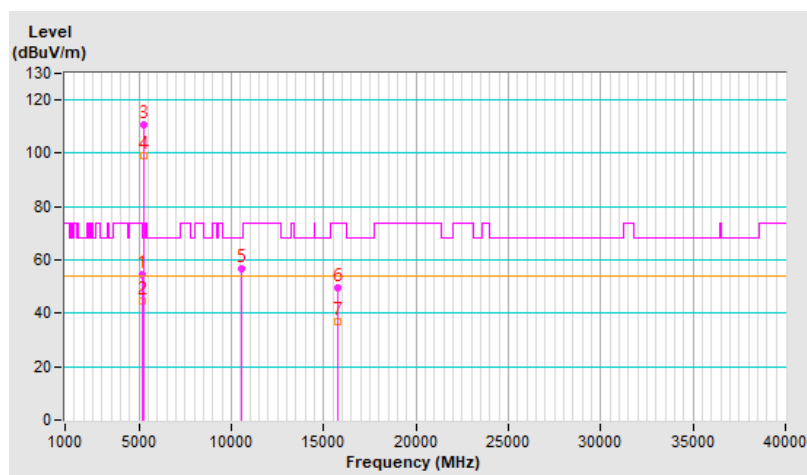


RF Mode	802.11ax (HE20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.4 PK	74.0	-19.6	2.46 V	130	51.0	3.4
2	5150.00	44.4 AV	54.0	-9.6	2.46 V	130	41.0	3.4
3	*5260.00	110.8 PK			2.43 V	134	108.2	2.6
4	*5260.00	99.1 AV			2.43 V	134	96.5	2.6
5	#10520.00	56.8 PK	68.2	-11.4	1.51 V	223	45.0	11.8
6	15780.00	49.8 PK	74.0	-24.2	1.50 V	81	37.5	12.3
7	15780.00	37.1 AV	54.0	-16.9	1.50 V	81	24.8	12.3

Remarks:

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

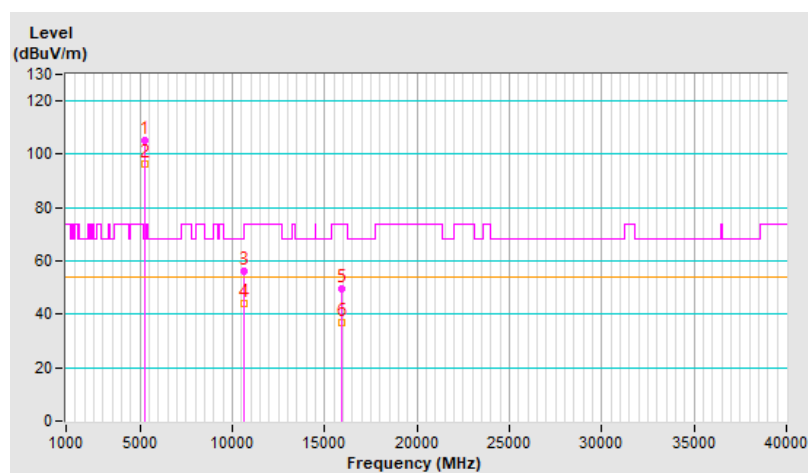


RF Mode	802.11ax (HE20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	105.4 PK			3.98 H	198	102.9	2.5
2	*5300.00	96.3 AV			3.98 H	198	93.8	2.5
3	10600.00	56.3 PK	74.0	-17.7	1.49 H	236	44.1	12.2
4	10600.00	44.3 AV	54.0	-9.7	1.49 H	236	32.1	12.2
5	15900.00	49.6 PK	74.0	-24.4	1.49 H	90	37.0	12.6
6	15900.00	37.1 AV	54.0	-16.9	1.49 H	90	24.5	12.6

Remarks:

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

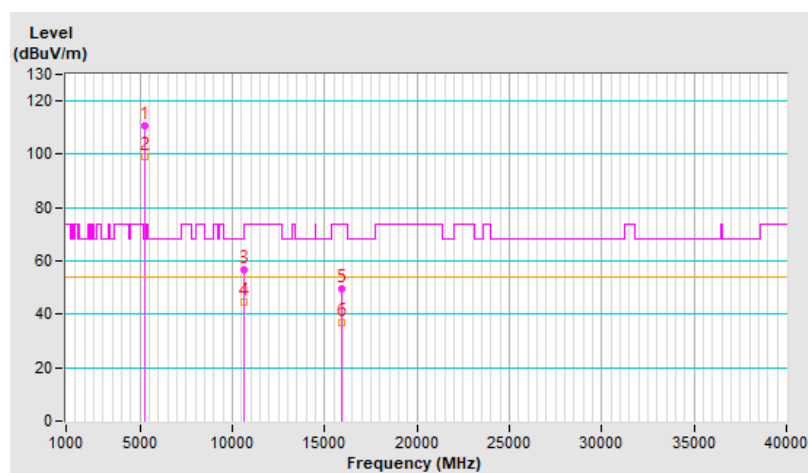


RF Mode	802.11ax (HE20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	110.9 PK			2.38 V	133	108.4	2.5
2	*5300.00	99.3 AV			2.38 V	133	96.8	2.5
3	10600.00	56.7 PK	74.0	-17.3	1.58 V	237	44.5	12.2
4	10600.00	44.5 AV	54.0	-9.5	1.58 V	237	32.3	12.2
5	15900.00	49.5 PK	74.0	-24.5	1.50 V	94	36.9	12.6
6	15900.00	36.8 AV	54.0	-17.2	1.50 V	94	24.2	12.6

Remarks:

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

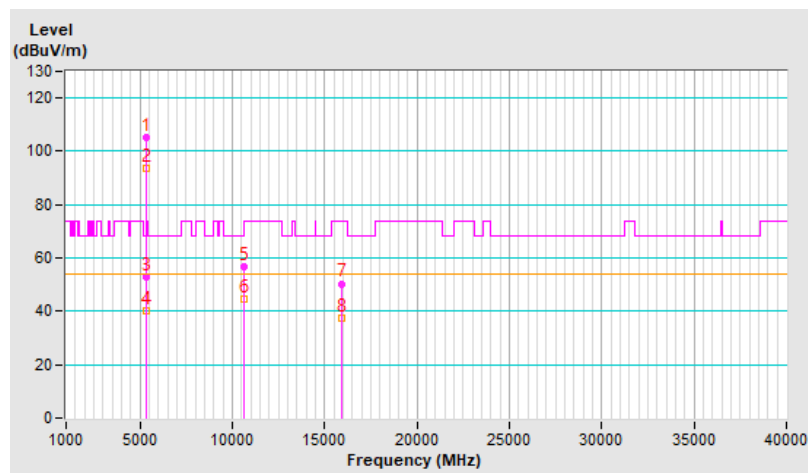


RF Mode	802.11ax (HE20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	105.4 PK			3.88 H	185	102.6	2.8
2	*5320.00	93.8 AV			3.88 H	185	91.0	2.8
3	5350.00	52.7 PK	74.0	-21.3	3.88 H	185	49.8	2.9
4	5350.00	40.2 AV	54.0	-13.8	3.88 H	185	37.3	2.9
5	10640.00	56.8 PK	74.0	-17.2	1.54 H	229	44.6	12.2
6	10640.00	44.6 AV	54.0	-9.4	1.54 H	229	32.4	12.2
7	15960.00	50.4 PK	74.0	-23.6	1.51 H	107	38.1	12.3
8	15960.00	37.4 AV	54.0	-16.6	1.51 H	107	25.1	12.3

Remarks:

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

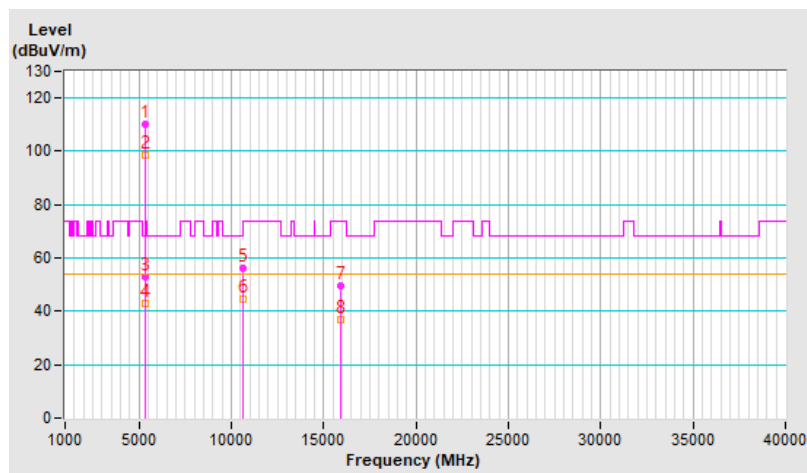


RF Mode	802.11ax (HE20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	109.9 PK			2.29 V	126	107.1	2.8
2	*5320.00	98.7 AV			2.29 V	126	95.9	2.8
3	5350.00	52.8 PK	74.0	-21.2	2.29 V	126	49.9	2.9
4	5350.00	42.9 AV	54.0	-11.1	2.29 V	126	40.0	2.9
5	10640.00	56.3 PK	74.0	-17.7	1.48 V	243	44.1	12.2
6	10640.00	44.4 AV	54.0	-9.6	1.48 V	243	32.2	12.2
7	15960.00	49.4 PK	74.0	-24.6	1.40 V	96	37.1	12.3
8	15960.00	36.8 AV	54.0	-17.2	1.40 V	96	24.5	12.3

Remarks:

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

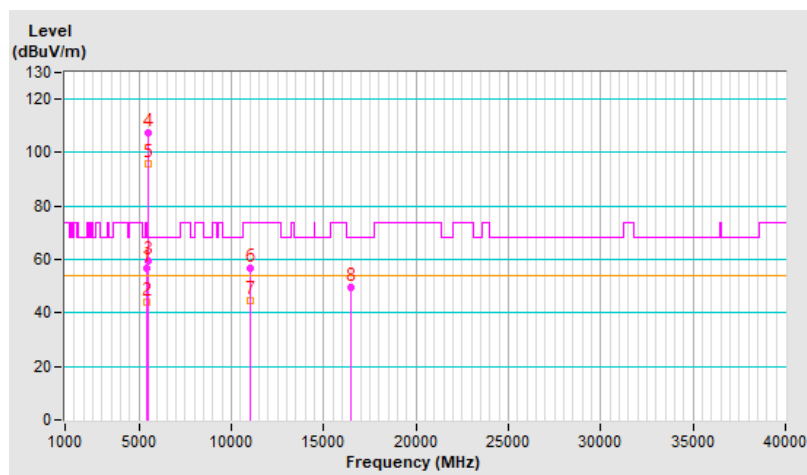


RF Mode	802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.7 PK	74.0	-17.3	3.99 H	185	53.5	3.2
2	5460.00	43.9 AV	54.0	-10.1	3.99 H	185	40.7	3.2
3	#5470.00	59.3 PK	68.2	-8.9	3.99 H	185	56.1	3.2
4	*5500.00	107.5 PK			3.99 H	185	104.3	3.2
5	*5500.00	95.9 AV			3.99 H	185	92.7	3.2
6	11000.00	56.6 PK	74.0	-17.4	1.55 H	236	43.8	12.8
7	11000.00	44.6 AV	54.0	-9.4	1.55 H	236	31.8	12.8
8	#16500.00	49.8 PK	68.2	-18.4	1.46 H	106	36.0	13.8

Remarks:

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

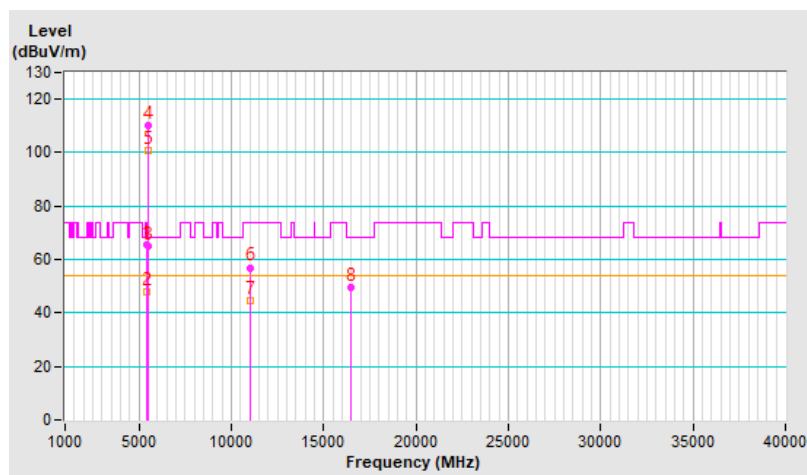


RF Mode	802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	65.3 PK	74.0	-8.7	2.30 V	144	62.1	3.2
2	5460.00	47.9 AV	54.0	-6.1	2.30 V	144	44.7	3.2
3	#5470.00	65.1 PK	68.2	-3.1	2.30 V	144	61.9	3.2
4	*5500.00	110.4 PK			2.30 V	144	107.2	3.2
5	*5500.00	100.9 AV			2.30 V	144	97.7	3.2
6	11000.00	57.0 PK	74.0	-17.0	1.48 V	239	44.2	12.8
7	11000.00	44.7 AV	54.0	-9.3	1.48 V	239	31.9	12.8
8	#16500.00	49.6 PK	68.2	-18.6	1.48 V	93	35.8	13.8

Remarks:

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

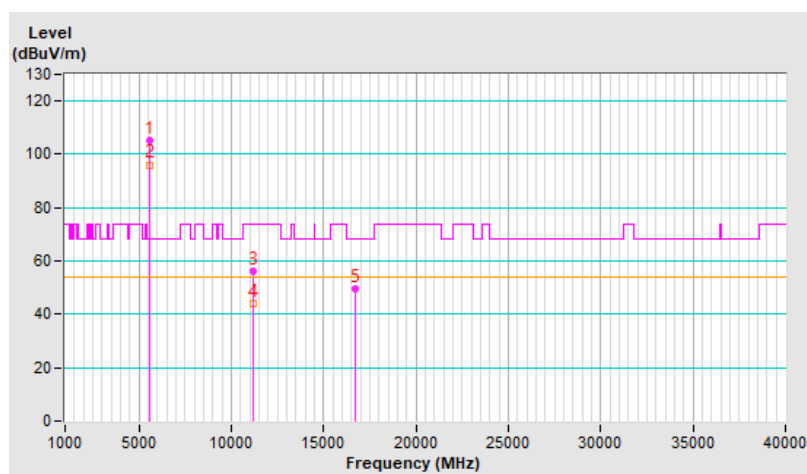


RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	105.3 PK			3.99 H	194	102.3	3.0
2	*5580.00	96.1 AV			3.99 H	194	93.1	3.0
3	11160.00	56.0 PK	74.0	-18.0	1.52 H	224	43.8	12.2
4	11160.00	44.2 AV	54.0	-9.8	1.52 H	224	32.0	12.2
5	#16740.00	49.6 PK	68.2	-18.6	1.50 H	86	34.4	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.

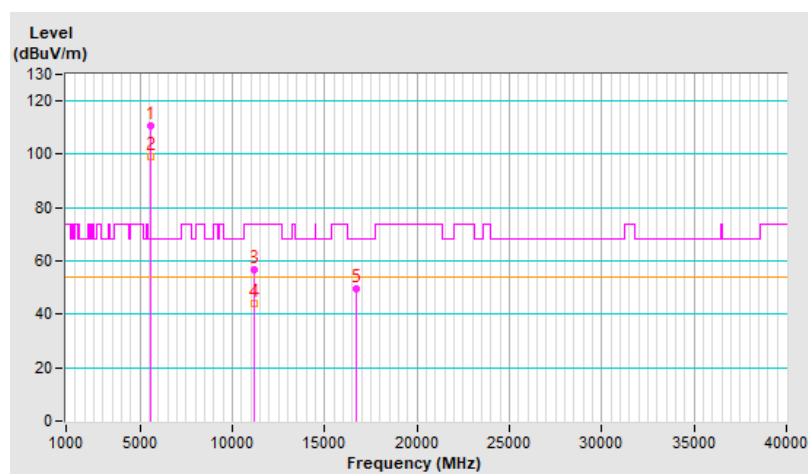


RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	110.8 PK			2.38 V	146	107.8	3.0
2	*5580.00	99.1 AV			2.38 V	146	96.1	3.0
3	11160.00	56.5 PK	74.0	-17.5	1.54 V	216	44.3	12.2
4	11160.00	44.3 AV	54.0	-9.7	1.54 V	216	32.1	12.2
5	#16740.00	49.4 PK	68.2	-18.8	1.43 V	77	34.2	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.

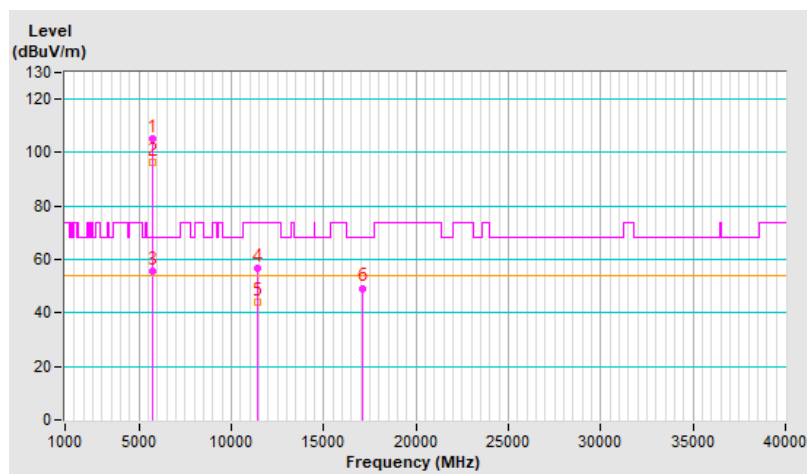


RF Mode	802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	105.3 PK			3.95 H	201	102.1	3.2
2	*5700.00	96.3 AV			3.95 H	201	93.1	3.2
3	#5725.00	55.5 PK	68.2	-12.7	4.00 H	177	52.1	3.4
4	11400.00	56.6 PK	74.0	-17.4	1.49 H	220	43.9	12.7
5	11400.00	44.2 AV	54.0	-9.8	1.49 H	220	31.5	12.7
6	#17100.00	49.3 PK	68.2	-18.9	1.44 H	105	32.2	17.1

Remarks:

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

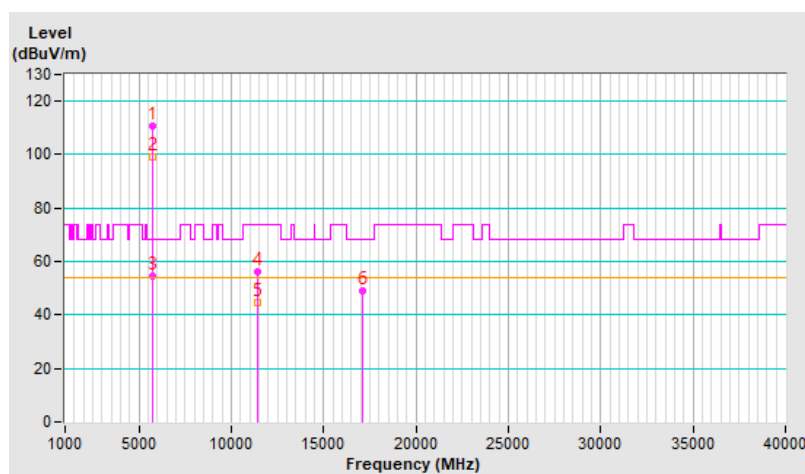


RF Mode	802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	110.6 PK			2.38 V	157	107.4	3.2
2	*5700.00	99.1 AV			2.38 V	157	95.9	3.2
3	#5725.00	54.6 PK	68.2	-13.6	2.45 V	143	51.2	3.4
4	11400.00	56.4 PK	74.0	-17.6	1.59 V	219	43.7	12.7
5	11400.00	44.4 AV	54.0	-9.6	1.59 V	219	31.7	12.7
6	#17100.00	48.8 PK	68.2	-19.4	1.52 V	93	31.7	17.1

Remarks:

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

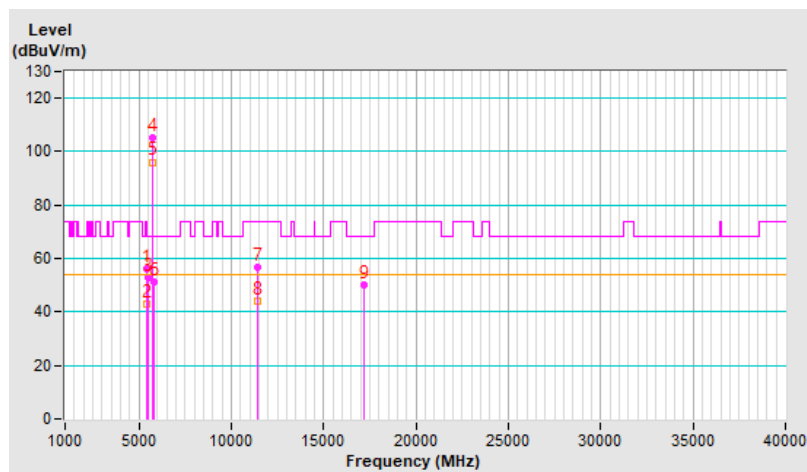


RF Mode	802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.3 PK	74.0	-17.7	3.99 H	180	53.1	3.2
2	5460.00	42.9 AV	54.0	-11.1	3.99 H	180	39.7	3.2
3	#5470.00	52.7 PK	68.2	-15.5	3.99 H	180	49.5	3.2
4	*5720.00	105.2 PK			3.99 H	180	101.9	3.3
5	*5720.00	96.1 AV			3.99 H	180	92.8	3.3
6	#5850.00	51.2 PK	68.2	-17.0	3.99 H	180	47.4	3.8
7	11440.00	56.5 PK	74.0	-17.5	1.55 H	229	43.7	12.8
8	11440.00	44.2 AV	54.0	-9.8	1.55 H	229	31.4	12.8
9	#17160.00	49.9 PK	68.2	-18.3	1.41 H	103	32.9	17.0

Remarks:

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

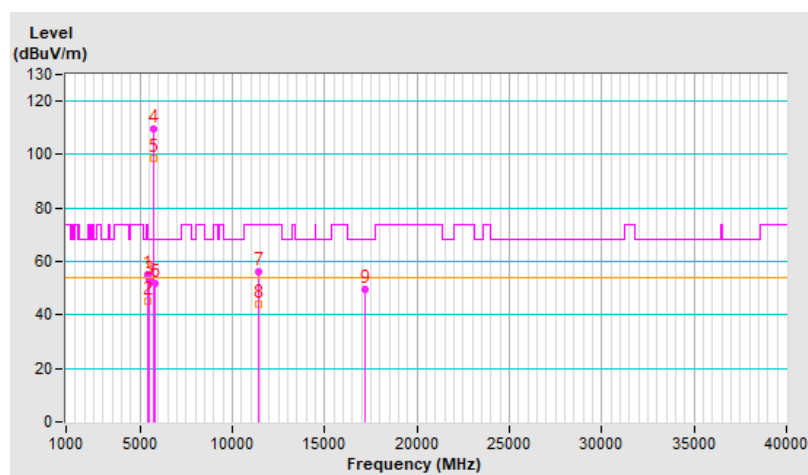


RF Mode	802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.1 PK	74.0	-18.9	2.46 V	155	51.9	3.2
2	5460.00	45.0 AV	54.0	-9.0	2.46 V	155	41.8	3.2
3	#5470.00	52.8 PK	68.2	-15.4	2.46 V	155	49.6	3.2
4	*5720.00	109.7 PK			2.46 V	155	106.4	3.3
5	*5720.00	98.4 AV			2.46 V	155	95.1	3.3
6	#5850.00	51.8 PK	68.2	-16.4	2.46 V	155	48.0	3.8
7	11440.00	56.4 PK	74.0	-17.6	1.47 V	235	43.6	12.8
8	11440.00	44.2 AV	54.0	-9.8	1.47 V	235	31.4	12.8
9	#17160.00	49.7 PK	68.2	-18.5	1.43 V	80	32.7	17.0

Remarks:

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

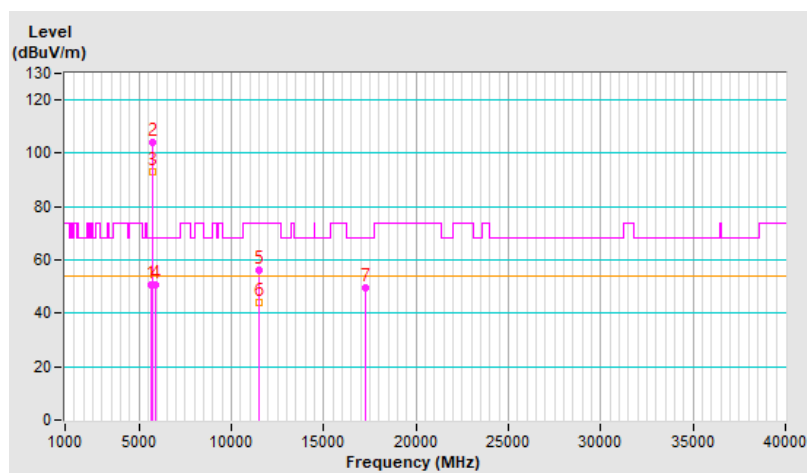


RF Mode	802.11ax (HE20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5627.60	50.9 PK	68.2	-17.3	3.66 H	148	47.9	3.0
2	*5745.00	104.2 PK			3.66 H	148	100.7	3.5
3	*5745.00	93.0 AV			3.66 H	148	89.5	3.5
4	#5929.92	50.7 PK	68.2	-17.5	3.66 H	148	47.1	3.6
5	11490.00	56.1 PK	74.0	-17.9	1.52 H	236	43.5	12.6
6	11490.00	44.1 AV	54.0	-9.9	1.52 H	236	31.5	12.6
7	#17235.00	49.5 PK	68.2	-18.7	1.44 H	105	32.2	17.3

Remarks:

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

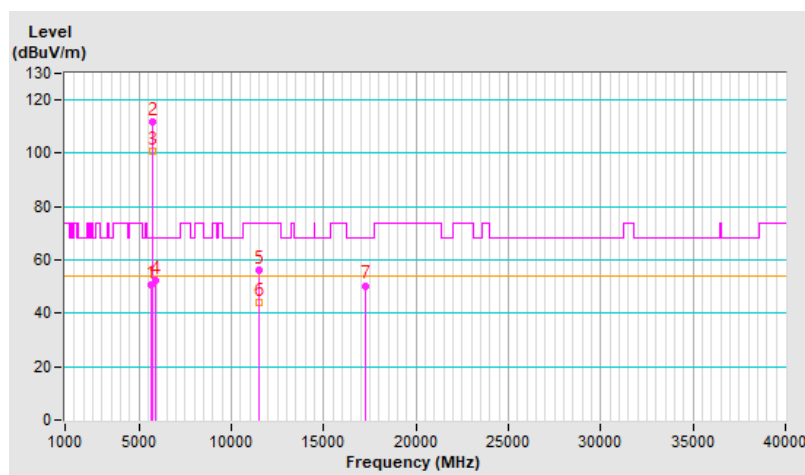


RF Mode	802.11ax (HE20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5627.60	50.9 PK	68.2	-17.3	2.23 V	154	47.9	3.0
2	*5745.00	112.0 PK			2.23 V	154	108.5	3.5
3	*5745.00	100.6 AV			2.23 V	154	97.1	3.5
4	#5929.92	52.2 PK	68.2	-16.0	2.23 V	154	48.6	3.6
5	11490.00	56.3 PK	74.0	-17.7	1.48 V	231	43.7	12.6
6	11490.00	44.1 AV	54.0	-9.9	1.48 V	231	31.5	12.6
7	#17235.00	50.4 PK	68.2	-17.8	1.44 V	89	33.1	17.3

Remarks:

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

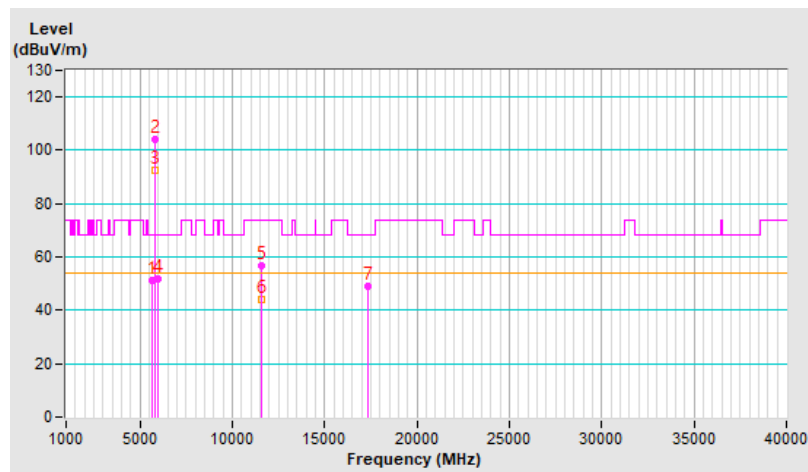


RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5644.94	51.1 PK	68.2	-17.1	2.43 H	165	48.1	3.0
2	*5785.00	104.0 PK			2.43 H	165	100.5	3.5
3	*5785.00	92.5 AV			2.43 H	165	89.0	3.5
4	#5939.32	51.6 PK	68.2	-16.6	2.43 H	165	48.0	3.6
5	11570.00	56.5 PK	74.0	-17.5	1.53 H	232	44.0	12.5
6	11570.00	44.2 AV	54.0	-9.8	1.53 H	232	31.7	12.5
7	#17355.00	49.0 PK	68.2	-19.2	1.41 H	79	31.4	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.

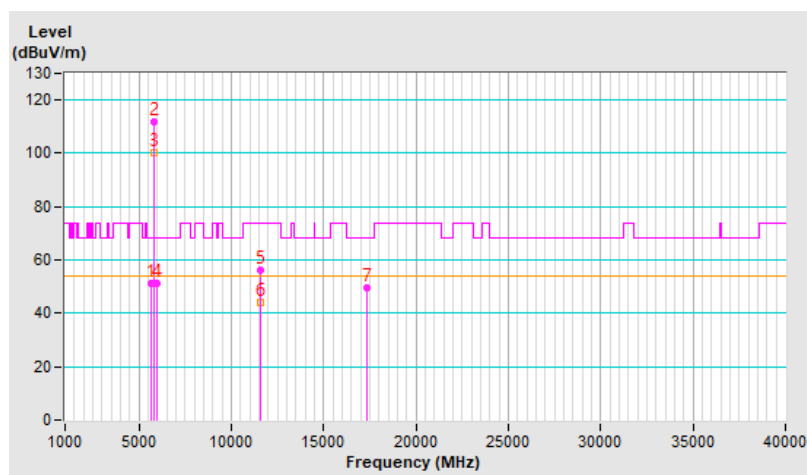


RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5647.24	51.4 PK	68.2	-16.8	2.22 V	153	48.4	3.0
2	*5785.00	111.6 PK			2.22 V	153	108.1	3.5
3	*5785.00	100.0 AV			2.22 V	153	96.5	3.5
4	#5949.34	51.3 PK	68.2	-16.9	2.22 V	153	47.8	3.5
5	11570.00	56.1 PK	74.0	-17.9	1.55 V	225	43.6	12.5
6	11570.00	44.2 AV	54.0	-9.8	1.55 V	225	31.7	12.5
7	#17355.00	49.8 PK	68.2	-18.4	1.45 V	88	32.2	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.

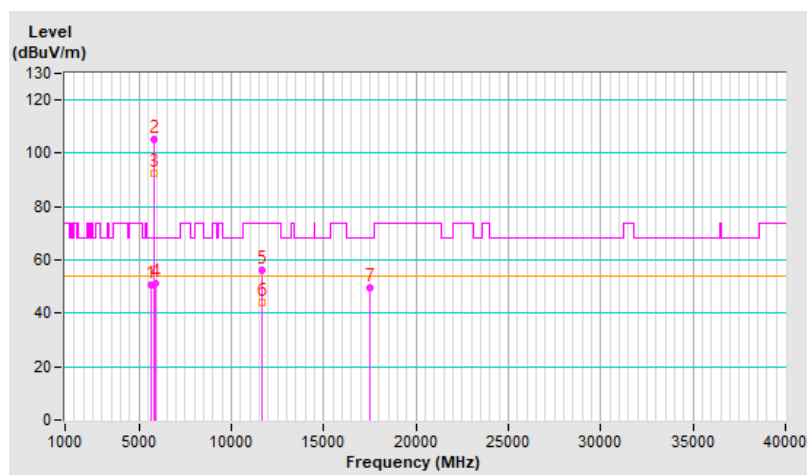


RF Mode	802.11ax (HE20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5638.27	50.9 PK	68.2	-17.3	2.15 H	166	47.8	3.1
2	*5825.00	105.4 PK			2.15 H	166	101.7	3.7
3	*5825.00	92.5 AV			2.15 H	166	88.8	3.7
4	#5931.90	51.3 PK	68.2	-16.9	2.15 H	166	47.7	3.6
5	11650.00	56.2 PK	74.0	-17.8	1.58 H	221	44.1	12.1
6	11650.00	43.9 AV	54.0	-10.1	1.58 H	221	31.8	12.1
7	#17475.00	49.8 PK	68.2	-18.4	1.45 H	103	31.6	18.2

Remarks:

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

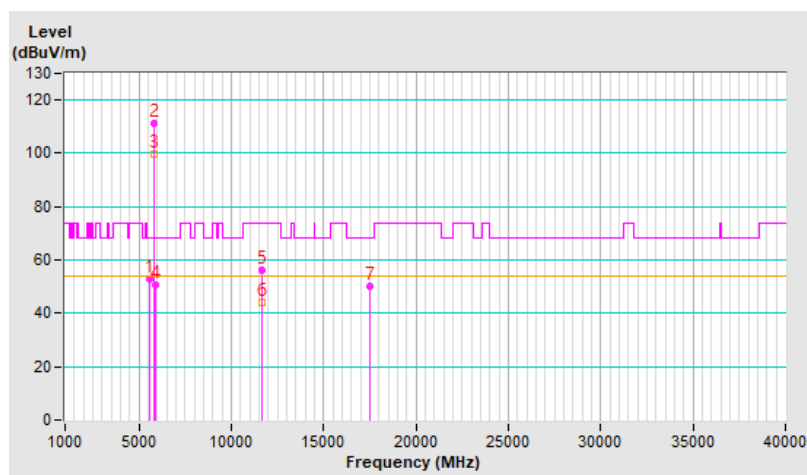


RF Mode	802.11ax (HE20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5617.68	52.7 PK	68.2	-15.5	2.25 V	168	49.7	3.0
2	*5825.00	111.1 PK			2.25 V	168	107.4	3.7
3	*5825.00	99.5 AV			2.25 V	168	95.8	3.7
4	#5928.23	50.6 PK	68.2	-17.6	2.25 V	168	47.0	3.6
5	11650.00	56.2 PK	74.0	-17.8	1.58 V	224	44.1	12.1
6	11650.00	44.2 AV	54.0	-9.8	1.58 V	224	32.1	12.1
7	#17475.00	50.0 PK	68.2	-18.2	1.48 V	83	31.8	18.2

Remarks:

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

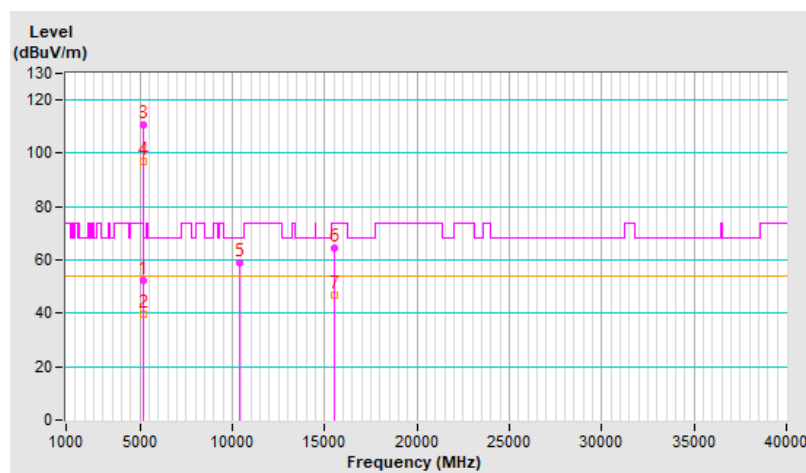


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	52.5 PK	74.0	-21.5	2.11 H	152	49.1	3.4
2	5150.00	39.8 AV	54.0	-14.2	2.11 H	152	36.4	3.4
3	*5180.00	110.6 PK			2.11 H	152	107.5	3.1
4	*5180.00	97.1 AV			2.11 H	152	94.0	3.1
5	#10360.00	59.1 PK	68.2	-9.1	1.75 H	146	47.6	11.5
6	15540.00	64.3 PK	74.0	-9.7	1.86 H	24	52.1	12.2
7	15540.00	46.8 AV	54.0	-7.2	1.86 H	24	34.6	12.2

Remarks:

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

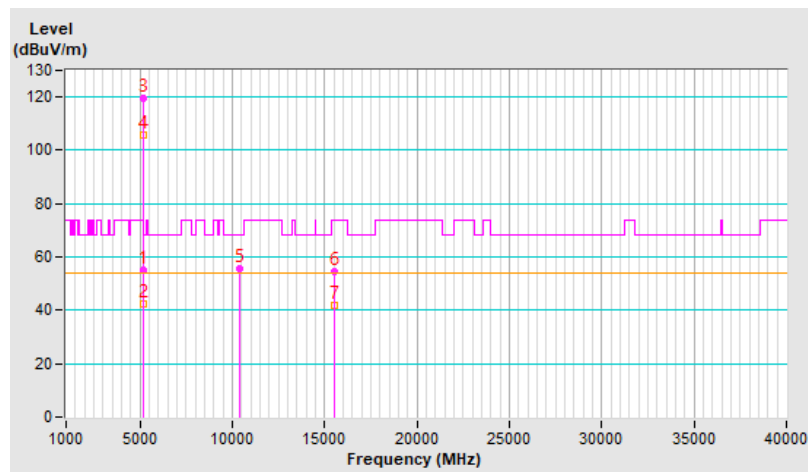


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.3 PK	74.0	-18.7	2.45 V	139	51.9	3.4
2	5150.00	42.6 AV	54.0	-11.4	2.45 V	139	39.2	3.4
3	*5180.00	119.4 PK			2.45 V	139	116.3	3.1
4	*5180.00	105.7 AV			2.45 V	139	102.6	3.1
5	#10360.00	55.8 PK	68.2	-12.4	1.62 V	182	44.3	11.5
6	15540.00	54.3 PK	74.0	-19.7	1.72 V	84	42.1	12.2
7	15540.00	41.6 AV	54.0	-12.4	1.72 V	84	29.4	12.2

Remarks:

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

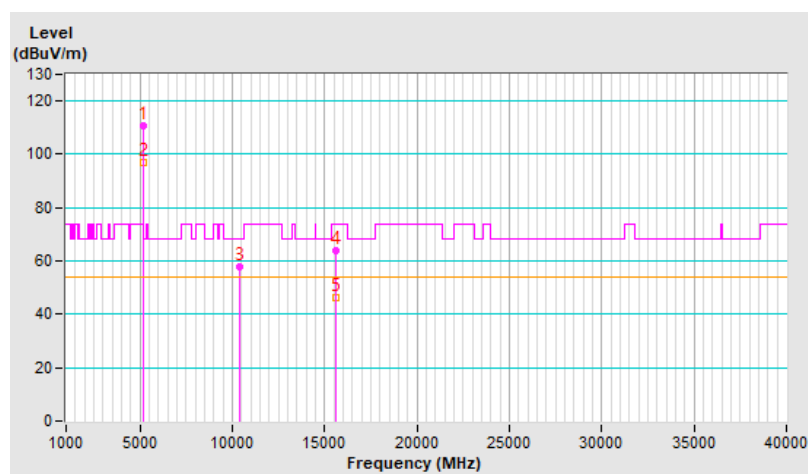


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	110.5 PK			2.06 H	154	107.6	2.9
2	*5200.00	97.1 AV			2.06 H	154	94.2	2.9
3	#10400.00	58.0 PK	68.2	-10.2	1.70 H	135	46.4	11.6
4	15600.00	63.8 PK	74.0	-10.2	1.90 H	3	52.1	11.7
5	15600.00	46.4 AV	54.0	-7.6	1.90 H	3	34.7	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.

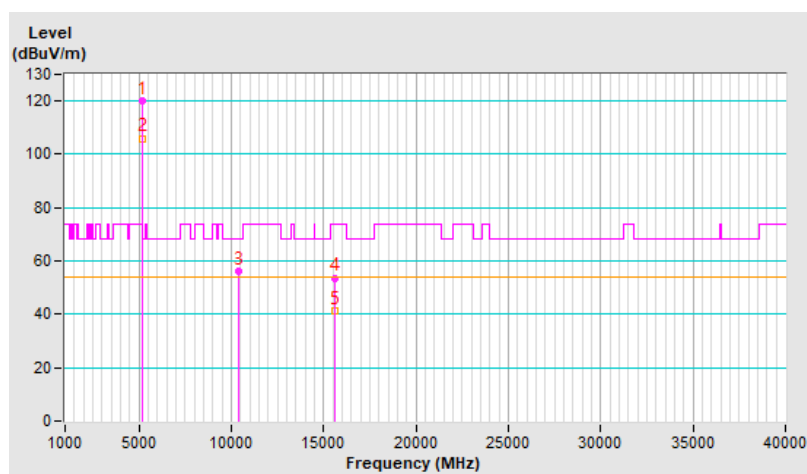


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	119.9 PK			2.51 V	144	117.0	2.9
2	*5200.00	106.0 AV			2.51 V	144	103.1	2.9
3	#10400.00	56.0 PK	68.2	-12.2	1.67 V	211	44.4	11.6
4	15600.00	53.7 PK	74.0	-20.3	1.66 V	67	42.0	11.7
5	15600.00	41.4 AV	54.0	-12.6	1.66 V	67	29.7	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.

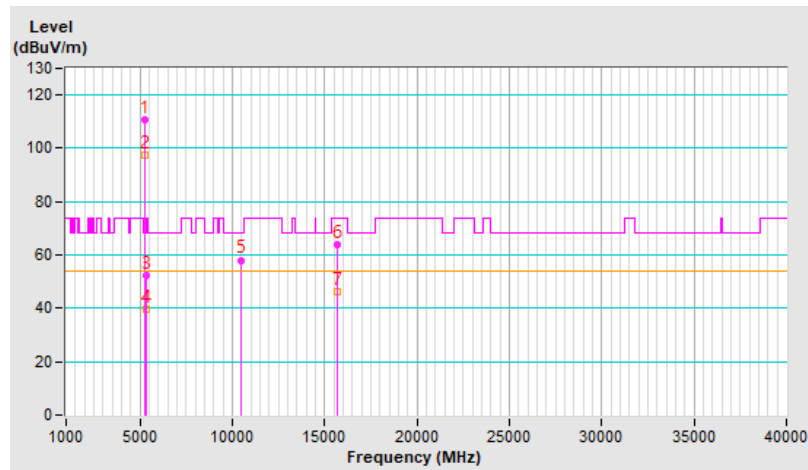


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	110.6 PK			2.15 H	167	108.0	2.6
2	*5240.00	97.4 AV			2.15 H	167	94.8	2.6
3	5350.00	52.3 PK	74.0	-21.7	2.15 H	167	49.4	2.9
4	5350.00	39.7 AV	54.0	-14.3	2.15 H	167	36.8	2.9
5	#10480.00	58.1 PK	68.2	-10.1	1.75 H	149	46.5	11.6
6	15720.00	64.1 PK	74.0	-9.9	1.88 H	17	52.2	11.9
7	15720.00	46.2 AV	54.0	-7.8	1.88 H	17	34.3	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.

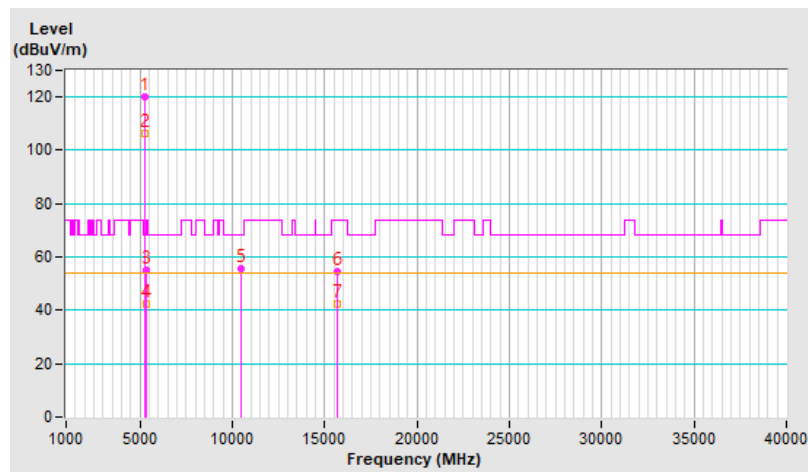


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	120.0 PK			2.40 V	148	117.4	2.6
2	*5240.00	106.1 AV			2.40 V	148	103.5	2.6
3	5350.00	55.2 PK	74.0	-18.8	2.40 V	148	52.3	2.9
4	5350.00	42.3 AV	54.0	-11.7	2.40 V	148	39.4	2.9
5	#10480.00	55.5 PK	68.2	-12.7	1.57 V	189	43.9	11.6
6	15720.00	54.6 PK	74.0	-19.4	1.62 V	75	42.7	11.9
7	15720.00	42.2 AV	54.0	-11.8	1.62 V	75	30.3	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.

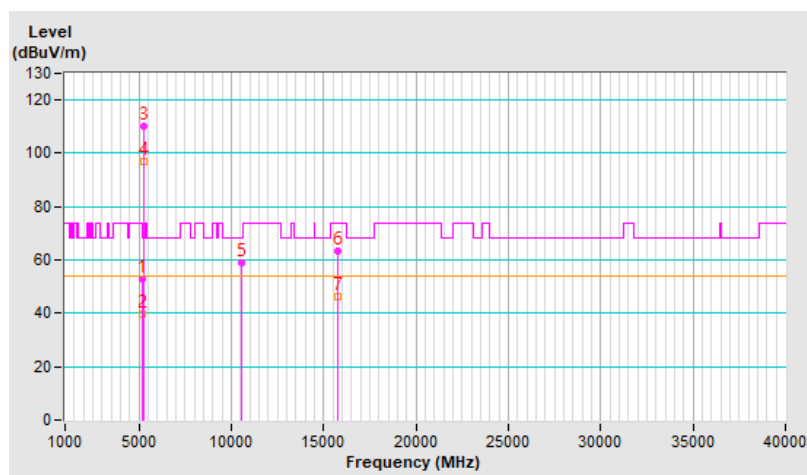


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	52.7 PK	74.0	-21.3	2.10 H	172	49.3	3.4
2	5150.00	39.8 AV	54.0	-14.2	2.10 H	172	36.4	3.4
3	*5260.00	110.0 PK			2.10 H	172	107.4	2.6
4	*5260.00	96.8 AV			2.10 H	172	94.2	2.6
5	#10520.00	59.0 PK	68.2	-9.2	1.67 H	138	47.2	11.8
6	15780.00	63.3 PK	74.0	-10.7	1.85 H	19	51.0	12.3
7	15780.00	46.0 AV	54.0	-8.0	1.85 H	19	33.7	12.3

Remarks:

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

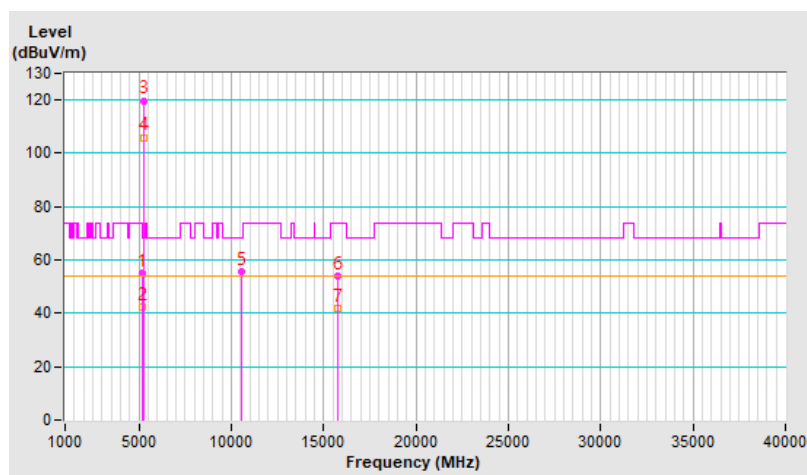


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.9 PK	74.0	-19.1	2.48 V	124	51.5	3.4
2	5150.00	42.5 AV	54.0	-11.5	2.48 V	124	39.1	3.4
3	*5260.00	119.8 PK			2.48 V	124	117.2	2.6
4	*5260.00	106.0 AV			2.48 V	124	103.4	2.6
5	#10520.00	55.7 PK	68.2	-12.5	1.57 V	199	43.9	11.8
6	15780.00	54.2 PK	74.0	-19.8	1.64 V	89	41.9	12.3
7	15780.00	41.8 AV	54.0	-12.2	1.64 V	89	29.5	12.3

Remarks:

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

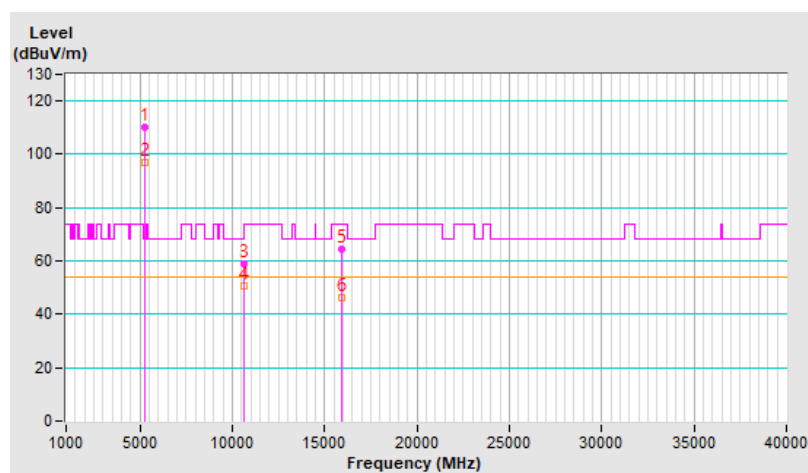


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	109.9 PK			2.06 H	179	107.4	2.5
2	*5300.00	96.7 AV			2.06 H	179	94.2	2.5
3	10600.00	58.7 PK	74.0	-15.3	1.78 H	136	46.5	12.2
4	10600.00	50.6 AV	54.0	-3.4	1.78 H	136	38.4	12.2
5	15900.00	64.4 PK	74.0	-9.6	1.90 H	3	51.8	12.6
6	15900.00	46.5 AV	54.0	-7.5	1.90 H	3	33.9	12.6

Remarks:

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

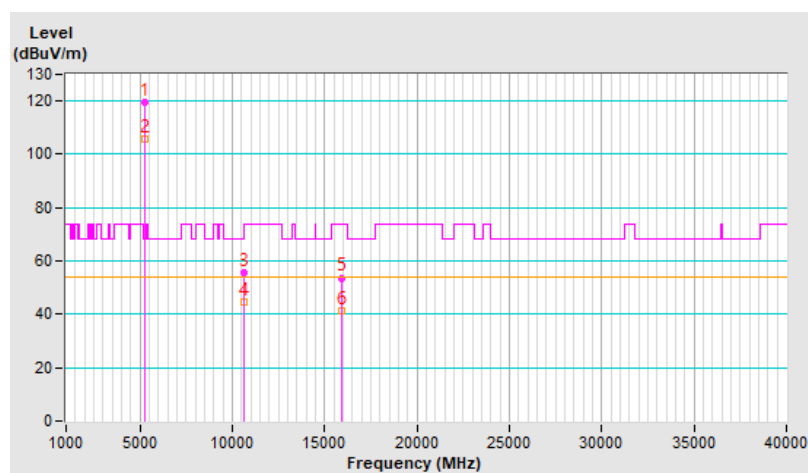


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	119.5 PK			2.45 V	140	117.0	2.5
2	*5300.00	105.8 AV			2.45 V	140	103.3	2.5
3	10600.00	55.5 PK	74.0	-18.5	1.66 V	181	43.3	12.2
4	10600.00	44.4 AV	54.0	-9.6	1.66 V	181	32.2	12.2
5	15900.00	53.7 PK	74.0	-20.3	1.68 V	76	41.1	12.6
6	15900.00	41.5 AV	54.0	-12.5	1.68 V	76	28.9	12.6

Remarks:

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

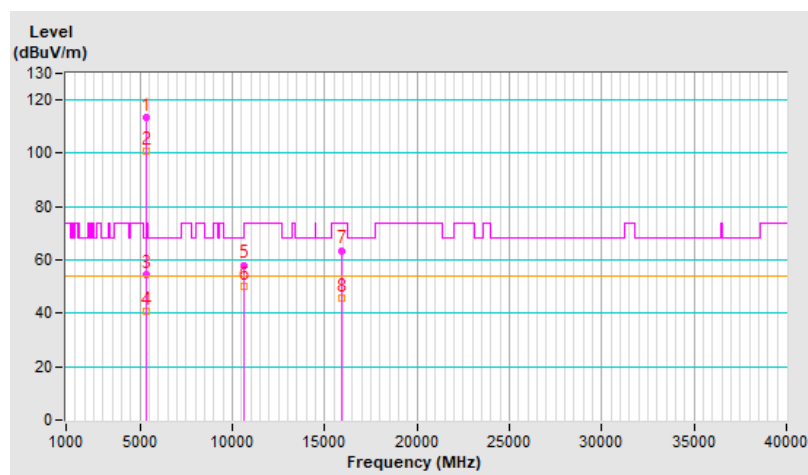


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	113.4 PK			3.86 H	160	110.6	2.8
2	*5320.00	100.6 AV			3.86 H	160	97.8	2.8
3	5350.00	54.4 PK	74.0	-19.6	3.86 H	160	51.5	2.9
4	5350.00	40.8 AV	54.0	-13.2	3.86 H	160	37.9	2.9
5	10640.00	58.1 PK	74.0	-15.9	1.75 H	138	45.9	12.2
6	10640.00	49.9 AV	54.0	-4.1	1.75 H	138	37.7	12.2
7	15960.00	63.6 PK	74.0	-10.4	1.88 H	7	51.3	12.3
8	15960.00	45.9 AV	54.0	-8.1	1.88 H	7	33.6	12.3

Remarks:

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

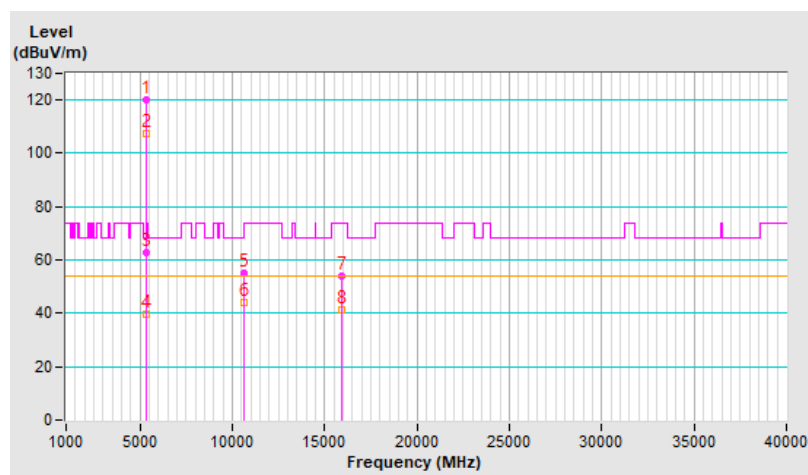


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	120.1 PK			2.44 V	143	117.3	2.8
2	*5320.00	107.2 AV			2.44 V	143	104.4	2.8
3	5350.00	62.7 PK	74.0	-11.3	2.44 V	143	59.8	2.9
4	5350.00	39.6 AV	54.0	-14.4	2.44 V	143	36.7	2.9
5	10640.00	55.1 PK	74.0	-18.9	1.61 V	188	42.9	12.2
6	10640.00	44.3 AV	54.0	-9.7	1.61 V	188	32.1	12.2
7	15960.00	54.1 PK	74.0	-19.9	1.63 V	86	41.8	12.3
8	15960.00	41.4 AV	54.0	-12.6	1.63 V	86	29.1	12.3

Remarks:

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

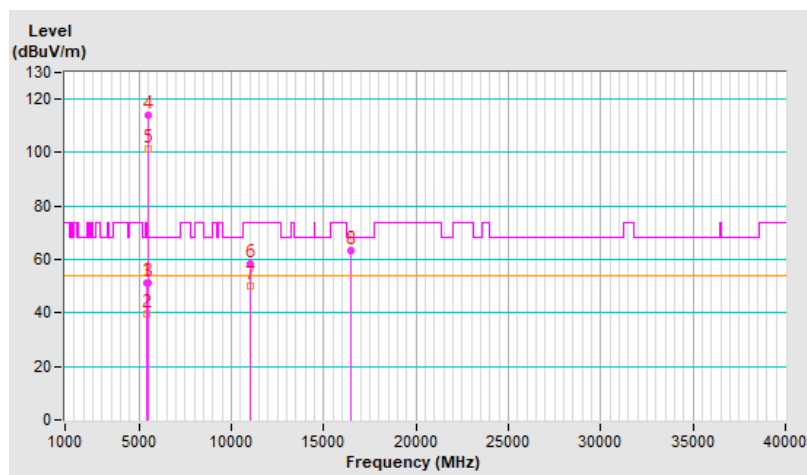


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.5 PK	74.0	-22.5	3.80 H	171	48.3	3.2
2	5460.00	39.5 AV	54.0	-14.5	3.80 H	171	36.3	3.2
3	#5470.00	51.2 PK	68.2	-17.0	3.80 H	171	48.0	3.2
4	*5500.00	114.2 PK			3.80 H	171	111.0	3.2
5	*5500.00	101.5 AV			3.80 H	171	98.3	3.2
6	11000.00	58.5 PK	74.0	-15.5	1.73 H	163	45.7	12.8
7	11000.00	50.1 AV	54.0	-3.9	1.73 H	163	37.3	12.8
8	#16500.00	63.4 PK	68.2	-4.8	1.86 H	17	49.6	13.8

Remarks:

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

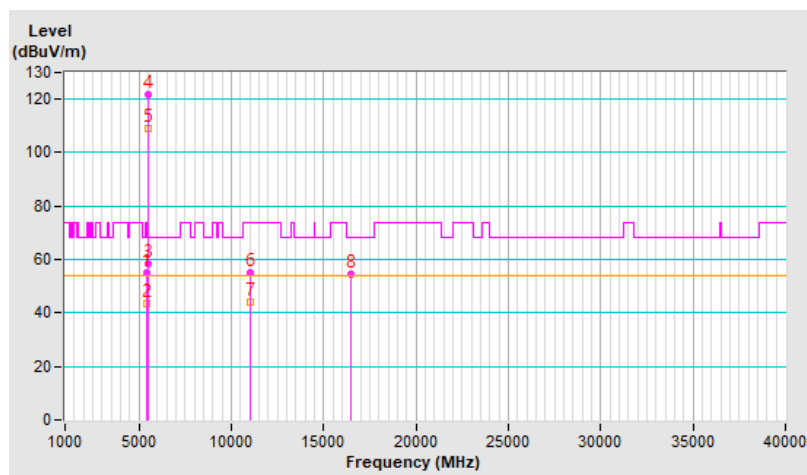


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.1 PK	74.0	-18.9	2.27 V	151	51.9	3.2
2	5460.00	43.7 AV	54.0	-10.3	2.27 V	151	40.5	3.2
3	#5470.00	58.6 PK	68.2	-9.6	2.27 V	151	55.4	3.2
4	*5500.00	121.6 PK			2.27 V	151	118.4	3.2
5	*5500.00	108.8 AV			2.27 V	151	105.6	3.2
6	11000.00	55.1 PK	74.0	-18.9	1.59 V	180	42.3	12.8
7	11000.00	44.1 AV	54.0	-9.9	1.59 V	180	31.3	12.8
8	#16500.00	54.3 PK	68.2	-13.9	1.63 V	91	40.5	13.8

Remarks:

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

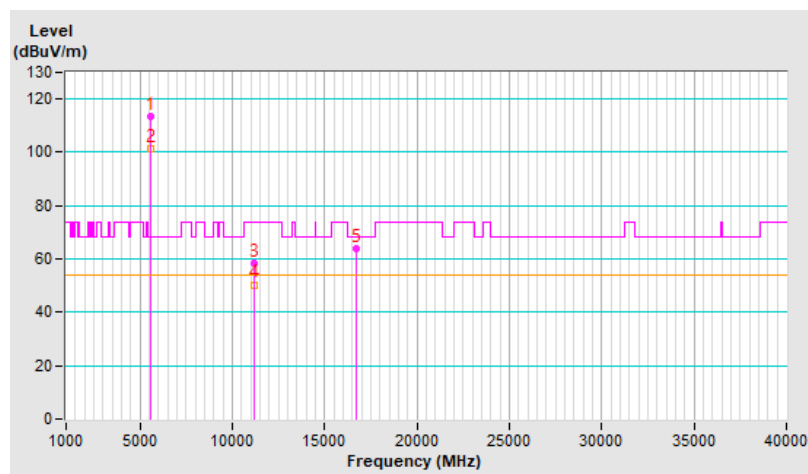


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	113.7 PK			3.79 H	174	110.7	3.0
2	*5580.00	101.1 AV			3.79 H	174	98.1	3.0
3	11160.00	58.4 PK	74.0	-15.6	1.74 H	136	46.2	12.2
4	11160.00	50.4 AV	54.0	-3.6	1.74 H	136	38.2	12.2
5	#16740.00	63.8 PK	68.2	-4.4	1.84 H	24	48.6	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.

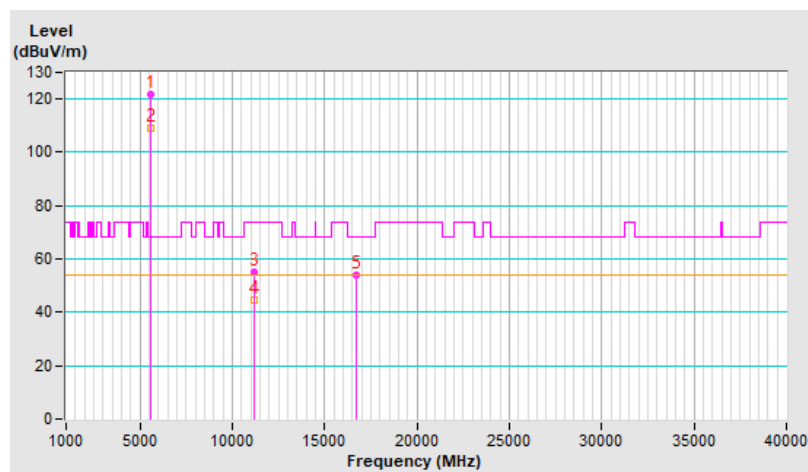


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	121.9 PK			2.26 V	155	118.9	3.0
2	*5580.00	108.9 AV			2.26 V	155	105.9	3.0
3	11160.00	55.3 PK	74.0	-18.7	1.65 V	186	43.1	12.2
4	11160.00	44.7 AV	54.0	-9.3	1.65 V	186	32.5	12.2
5	#16740.00	54.1 PK	68.2	-14.1	1.71 V	74	38.9	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.

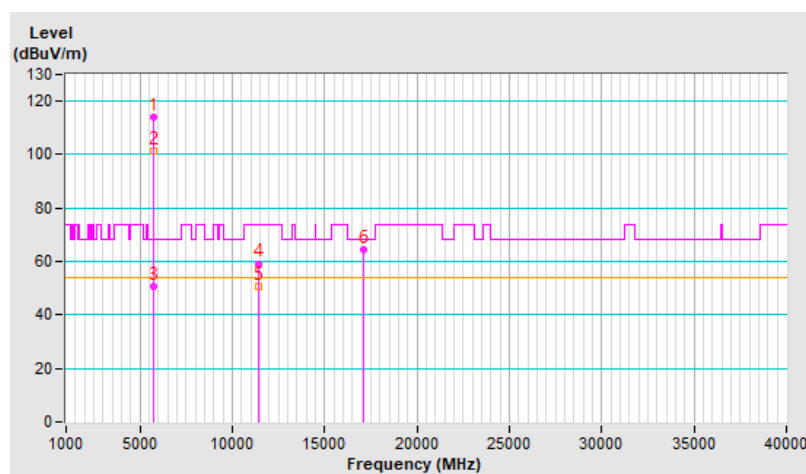


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	113.9 PK			3.85 H	163	110.7	3.2
2	*5700.00	101.2 AV			3.85 H	163	98.0	3.2
3	#5725.00	50.9 PK	68.2	-17.3	3.85 H	163	47.5	3.4
4	11400.00	59.2 PK	74.0	-14.8	1.71 H	151	46.5	12.7
5	11400.00	50.6 AV	54.0	-3.4	1.71 H	151	37.9	12.7
6	#17100.00	64.2 PK	68.2	-4.0	1.86 H	20	47.1	17.1

Remarks:

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

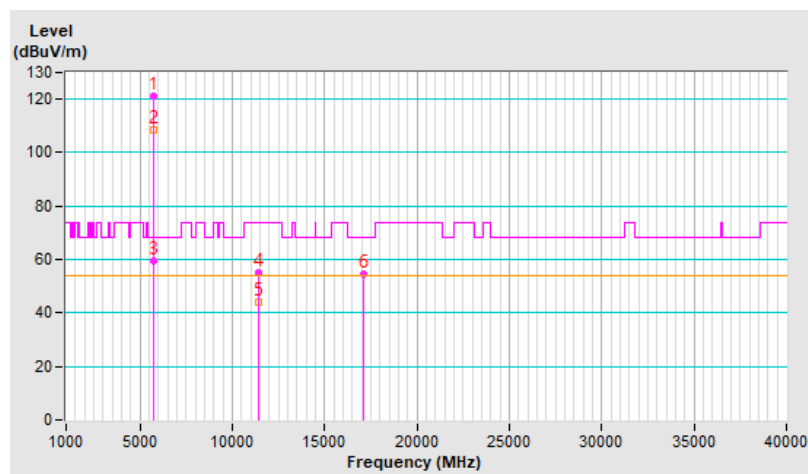


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	121.3 PK			2.27 V	143	118.1	3.2
2	*5700.00	108.7 AV			2.27 V	143	105.5	3.2
3	#5725.00	59.3 PK	68.2	-8.9	2.27 V	143	55.9	3.4
4	11400.00	55.2 PK	74.0	-18.8	1.66 V	211	42.5	12.7
5	11400.00	44.3 AV	54.0	-9.7	1.66 V	211	31.6	12.7
6	#17100.00	54.4 PK	68.2	-13.8	1.69 V	94	37.3	17.1

Remarks:

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

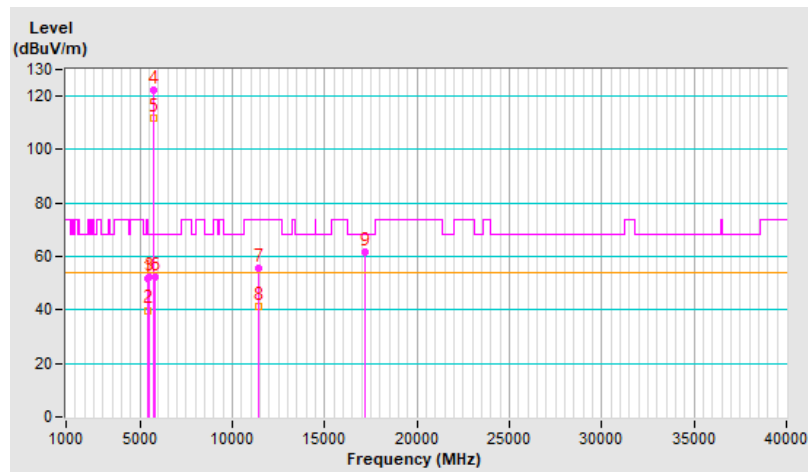


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.6 PK	74.0	-22.4	1.24 H	194	48.4	3.2
2	5460.00	39.9 AV	54.0	-14.1	1.24 H	194	36.7	3.2
3	#5470.00	52.1 PK	68.2	-16.1	1.24 H	194	48.9	3.2
4	*5720.00	122.5 PK			1.24 H	194	119.2	3.3
5	*5720.00	111.7 AV			1.24 H	194	108.4	3.3
6	#5850.00	52.4 PK	68.2	-15.8	1.24 H	194	48.6	3.8
7	11440.00	55.4 PK	74.0	-18.6	2.45 H	230	42.6	12.8
8	11440.00	41.4 AV	54.0	-12.6	2.45 H	230	28.6	12.8
9	#17160.00	61.5 PK	68.2	-6.7	1.93 H	351	44.5	17.0

Remarks:

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

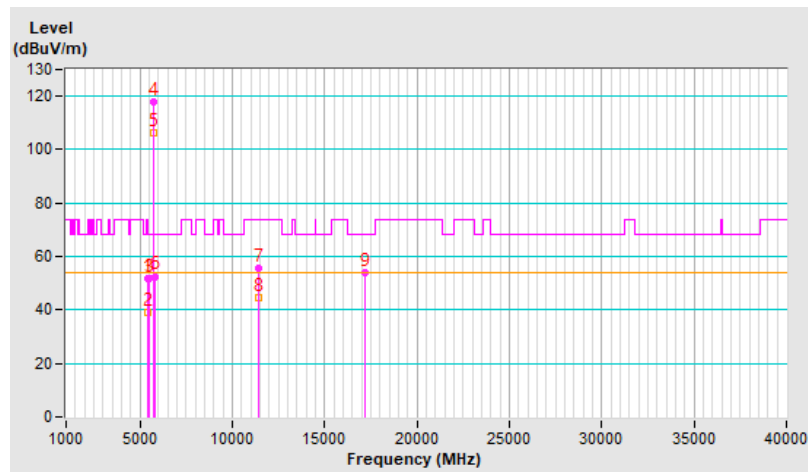


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.7 PK	74.0	-22.3	1.27 V	221	48.5	3.2
2	5460.00	39.3 AV	54.0	-14.7	1.27 V	221	36.1	3.2
3	#5470.00	51.9 PK	68.2	-16.3	1.27 V	221	48.7	3.2
4	*5720.00	118.0 PK			1.27 V	221	114.7	3.3
5	*5720.00	106.2 AV			1.27 V	221	102.9	3.3
6	#5850.00	52.6 PK	68.2	-15.6	1.27 V	221	48.8	3.8
7	11440.00	55.4 PK	74.0	-18.6	1.66 V	206	42.6	12.8
8	11440.00	44.8 AV	54.0	-9.2	1.66 V	206	32.0	12.8
9	#17160.00	54.1 PK	68.2	-14.1	1.68 V	90	37.1	17.0

Remarks:

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

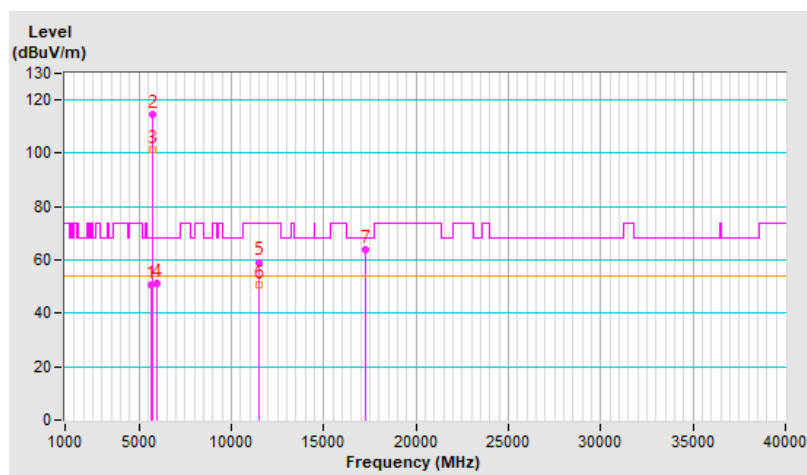


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5640.96	50.9 PK	68.2	-17.3	2.02 H	171	47.8	3.1
2	*5745.00	114.6 PK			2.02 H	171	111.1	3.5
3	*5745.00	101.2 AV			2.02 H	171	97.7	3.5
4	#5939.65	51.1 PK	68.2	-17.1	2.02 H	171	47.5	3.6
5	11490.00	59.2 PK	74.0	-14.8	1.71 H	158	46.6	12.6
6	11490.00	50.8 AV	54.0	-3.2	1.71 H	158	38.2	12.6
7	#17235.00	63.7 PK	68.2	-4.5	1.80 H	22	46.4	17.3

Remarks:

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

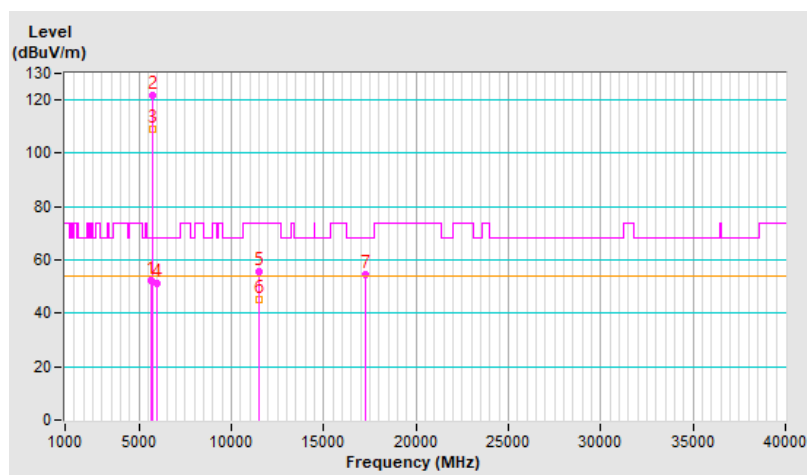


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5637.21	52.2 PK	68.2	-16.0	2.37 V	138	49.1	3.1
2	*5745.00	121.5 PK			2.37 V	138	118.0	3.5
3	*5745.00	109.2 AV			2.37 V	138	105.7	3.5
4	#5953.80	51.3 PK	68.2	-16.9	2.37 V	138	47.8	3.5
5	11490.00	55.7 PK	74.0	-18.3	1.56 V	199	43.1	12.6
6	11490.00	44.9 AV	54.0	-9.1	1.56 V	199	32.3	12.6
7	#17235.00	54.4 PK	68.2	-13.8	1.65 V	77	37.1	17.3

Remarks:

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

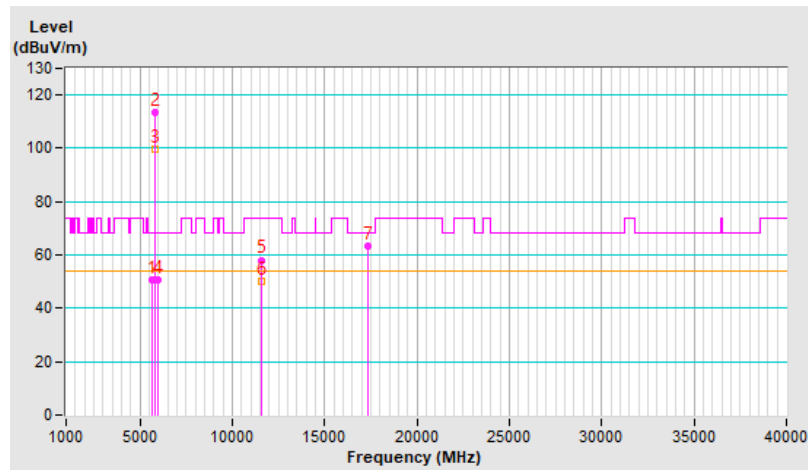


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5641.84	50.9 PK	68.2	-17.3	2.44 H	165	47.8	3.1
2	*5785.00	113.6 PK			2.44 H	165	110.1	3.5
3	*5785.00	99.9 AV			2.44 H	165	96.4	3.5
4	#5940.28	50.6 PK	68.2	-17.6	2.44 H	165	47.0	3.6
5	11570.00	58.1 PK	74.0	-15.9	1.76 H	134	45.6	12.5
6	11570.00	50.1 AV	54.0	-3.9	1.76 H	134	37.6	12.5
7	#17355.00	63.5 PK	68.2	-4.7	1.84 H	19	45.9	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.

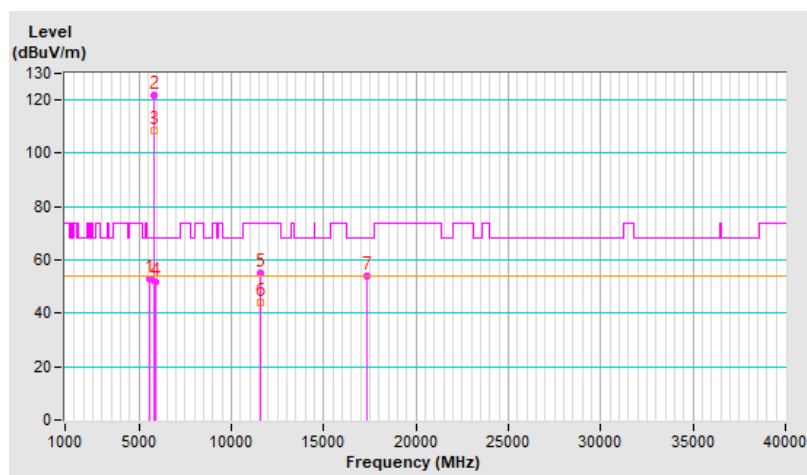


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5614.15	52.8 PK	68.2	-15.4	2.45 V	139	49.8	3.0
2	*5785.00	121.5 PK			2.45 V	139	118.0	3.5
3	*5785.00	108.6 AV			2.45 V	139	105.1	3.5
4	#5929.81	51.7 PK	68.2	-16.5	2.45 V	139	48.1	3.6
5	11570.00	55.3 PK	74.0	-18.7	1.64 V	198	42.8	12.5
6	11570.00	44.3 AV	54.0	-9.7	1.64 V	198	31.8	12.5
7	#17355.00	53.9 PK	68.2	-14.3	1.71 V	83	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.

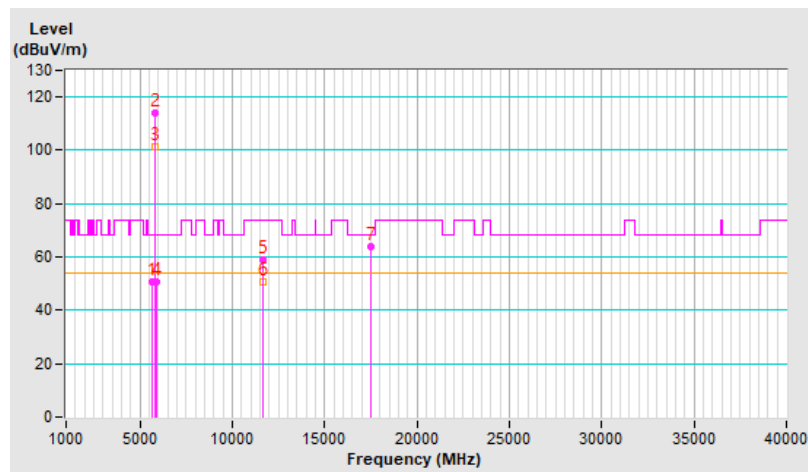


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5642.64	50.9 PK	68.2	-17.3	2.16 H	164	47.8	3.1
2	*5825.00	114.1 PK			2.16 H	164	110.4	3.7
3	*5825.00	101.2 AV			2.16 H	164	97.5	3.7
4	#5925.83	50.8 PK	68.2	-17.4	2.16 H	164	47.2	3.6
5	11650.00	58.7 PK	74.0	-15.3	1.67 H	153	46.6	12.1
6	11650.00	50.6 AV	54.0	-3.4	1.67 H	153	38.5	12.1
7	#17475.00	64.0 PK	68.2	-4.2	1.85 H	13	45.8	18.2

Remarks:

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

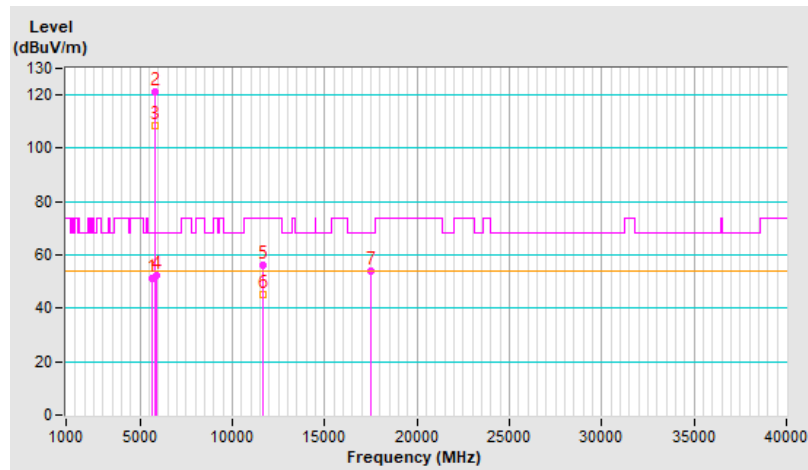


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.70	51.1 PK	68.2	-17.1	2.15 V	157	48.1	3.0
2	*5825.00	121.0 PK			2.15 V	157	117.3	3.7
3	*5825.00	108.5 AV			2.15 V	157	104.8	3.7
4	#5928.34	52.3 PK	68.2	-15.9	2.15 V	157	48.7	3.6
5	11650.00	56.0 PK	74.0	-18.0	1.55 V	203	43.9	12.1
6	11650.00	44.9 AV	54.0	-9.1	1.55 V	203	32.8	12.1
7	#17475.00	54.2 PK	68.2	-14.0	1.67 V	90	36.0	18.2

Remarks:

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

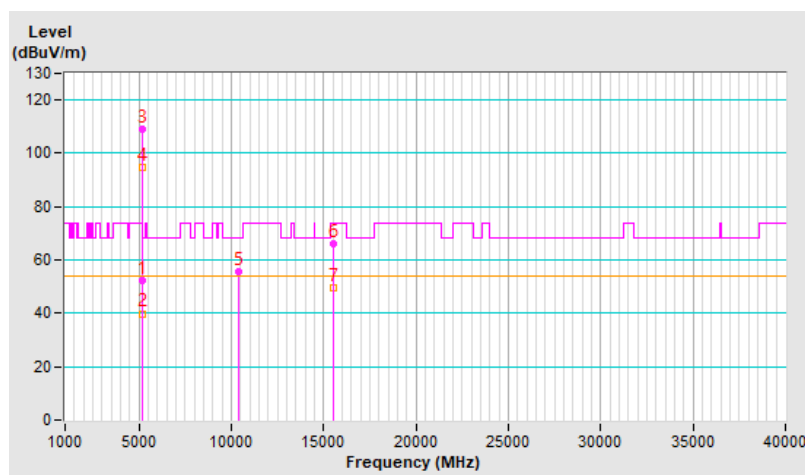


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	52.2 PK	74.0	-21.8	2.10 H	152	48.8	3.4
2	5150.00	39.9 AV	54.0	-14.1	2.10 H	152	36.5	3.4
3	*5180.00	109.2 PK			2.10 H	152	106.1	3.1
4	*5180.00	94.7 AV			2.10 H	152	91.6	3.1
5	#10360.00	55.8 PK	68.2	-12.4	2.33 H	232	44.3	11.5
6	15540.00	66.0 PK	74.0	-8.0	1.88 H	360	53.8	12.2
7	15540.00	49.5 AV	54.0	-4.5	1.88 H	360	37.3	12.2

Remarks:

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

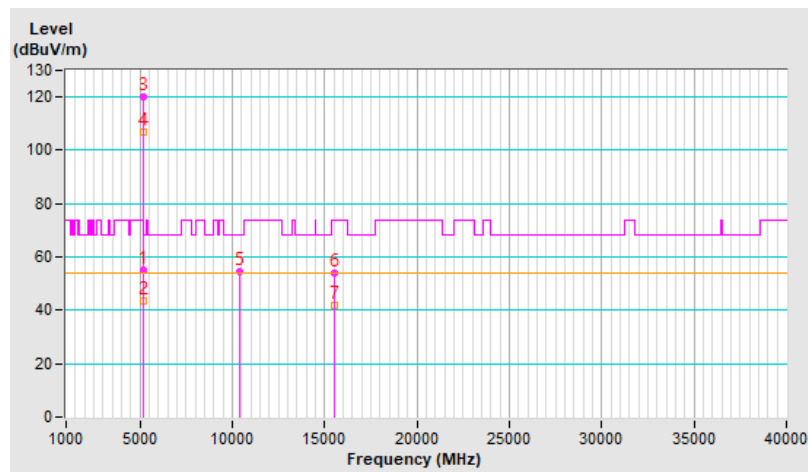


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.9 PK	74.0	-19.1	2.45 V	139	51.5	3.4
2	5150.00	43.4 AV	54.0	-10.6	2.45 V	139	40.0	3.4
3	*5180.00	120.3 PK			2.45 V	139	117.2	3.1
4	*5180.00	106.8 AV			2.45 V	139	103.7	3.1
5	#10360.00	54.7 PK	68.2	-13.5	1.60 V	227	43.2	11.5
6	15540.00	54.0 PK	74.0	-20.0	1.73 V	93	41.8	12.2
7	15540.00	41.8 AV	54.0	-12.2	1.73 V	93	29.6	12.2

Remarks:

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

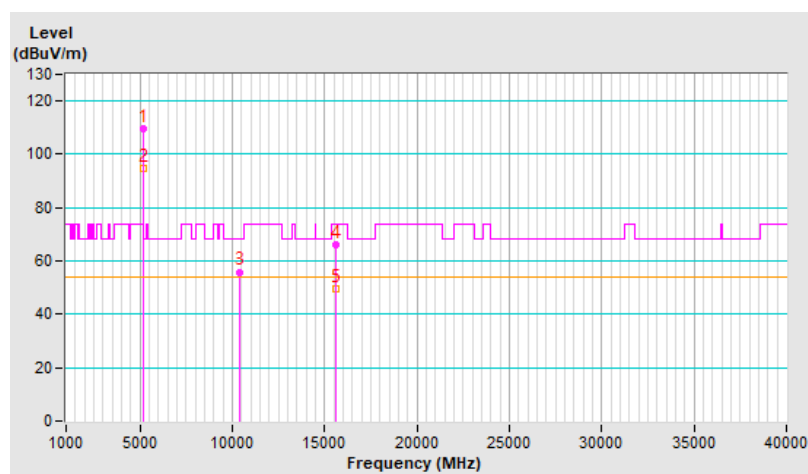


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	109.4 PK			2.08 H	146	106.5	2.9
2	*5200.00	94.6 AV			2.08 H	146	91.7	2.9
3	#10400.00	55.9 PK	68.2	-12.3	2.30 H	219	44.3	11.6
4	15600.00	66.3 PK	74.0	-7.7	1.82 H	360	54.6	11.7
5	15600.00	49.6 AV	54.0	-4.4	1.82 H	360	37.9	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.

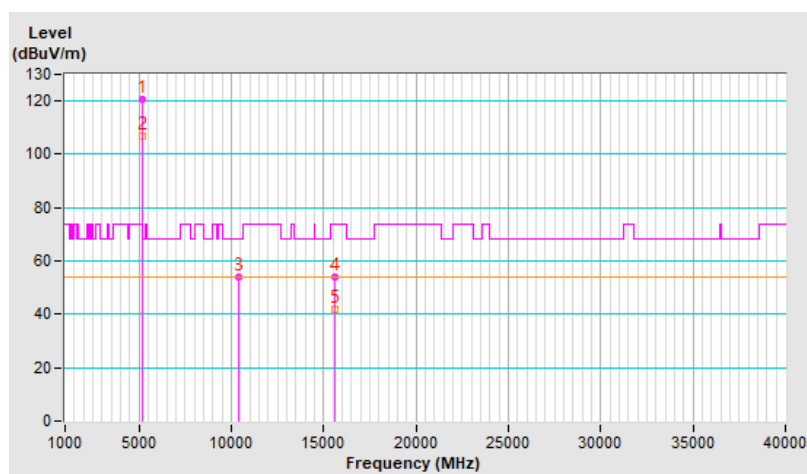


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	120.4 PK			2.45 V	126	117.5	2.9
2	*5200.00	106.7 AV			2.45 V	126	103.8	2.9
3	#10400.00	54.2 PK	68.2	-14.0	1.62 V	241	42.6	11.6
4	15600.00	54.1 PK	74.0	-19.9	1.69 V	97	42.4	11.7
5	15600.00	41.9 AV	54.0	-12.1	1.69 V	97	30.2	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.

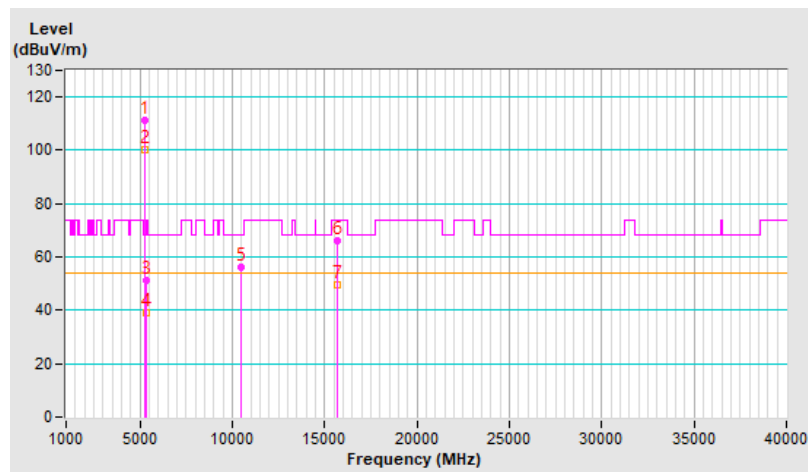


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	111.4 PK			3.80 H	165	108.8	2.6
2	*5240.00	100.2 AV			3.80 H	165	97.6	2.6
3	5350.00	51.2 PK	74.0	-22.8	3.80 H	165	48.3	2.9
4	5350.00	39.1 AV	54.0	-14.9	3.80 H	165	36.2	2.9
5	#10480.00	56.0 PK	68.2	-12.2	2.34 H	221	44.4	11.6
6	15720.00	65.9 PK	74.0	-8.1	1.92 H	360	54.0	11.9
7	15720.00	49.5 AV	54.0	-4.5	1.92 H	360	37.6	11.9

Remarks:

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

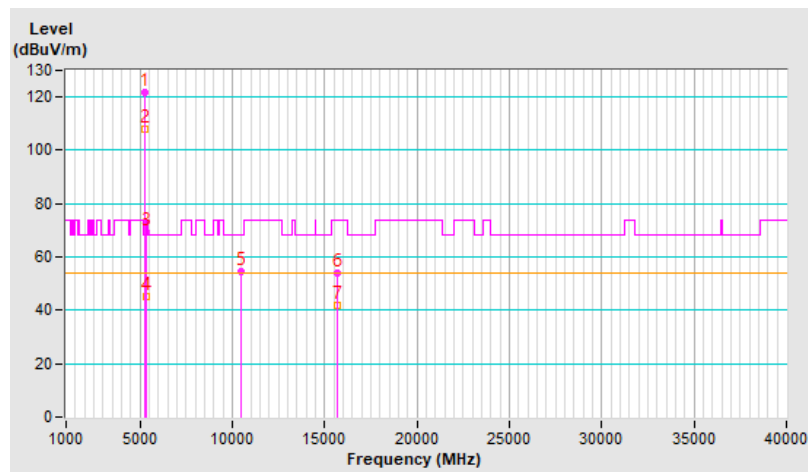


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	121.5 PK			2.43 V	150	118.9	2.6
2	*5240.00	108.0 AV			2.43 V	150	105.4	2.6
3	5350.00	69.2 PK	74.0	-4.8	2.43 V	150	66.3	2.9
4	5350.00	45.2 AV	54.0	-8.8	2.43 V	150	42.3	2.9
5	#10480.00	54.7 PK	68.2	-13.5	1.61 V	223	43.1	11.6
6	15720.00	53.9 PK	74.0	-20.1	1.78 V	83	42.0	11.9
7	15720.00	41.7 AV	54.0	-12.3	1.78 V	83	29.8	11.9

Remarks:

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

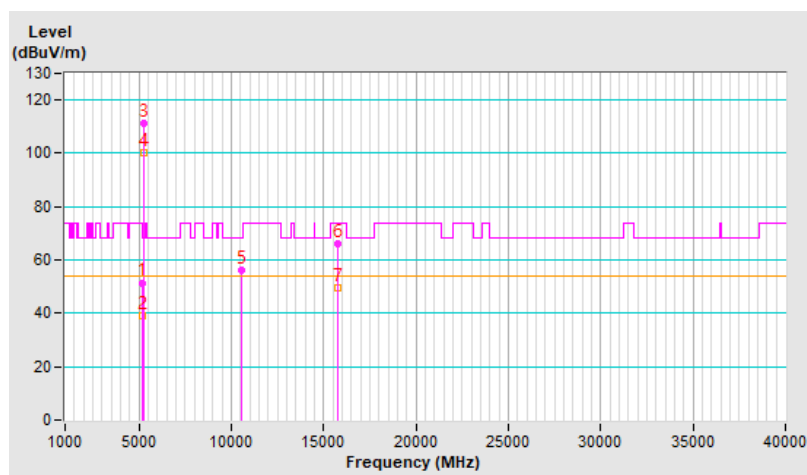


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	51.5 PK	74.0	-22.5	3.86 H	150	48.1	3.4
2	5150.00	39.3 AV	54.0	-14.7	3.86 H	150	35.9	3.4
3	*5260.00	111.2 PK			3.86 H	150	108.6	2.6
4	*5260.00	100.0 AV			3.86 H	150	97.4	2.6
5	#10520.00	56.3 PK	68.2	-11.9	2.33 H	226	44.5	11.8
6	15780.00	66.1 PK	74.0	-7.9	1.94 H	360	53.8	12.3
7	15780.00	49.6 AV	54.0	-4.4	1.94 H	360	37.3	12.3

Remarks:

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

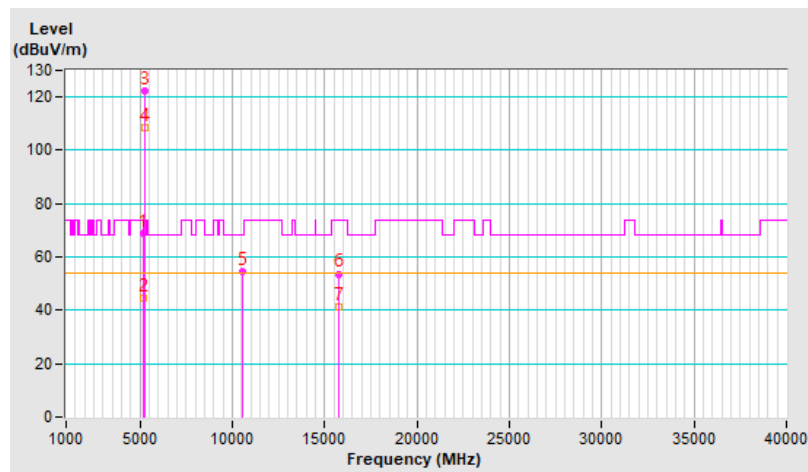


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	68.7 PK	74.0	-5.3	2.32 V	150	65.3	3.4
2	5150.00	44.6 AV	54.0	-9.4	2.32 V	150	41.2	3.4
3	*5260.00	122.3 PK			2.32 V	150	119.7	2.6
4	*5260.00	108.4 AV			2.32 V	150	105.8	2.6
5	#10520.00	54.5 PK	68.2	-13.7	1.65 V	227	42.7	11.8
6	15780.00	53.7 PK	74.0	-20.3	1.72 V	105	41.4	12.3
7	15780.00	41.5 AV	54.0	-12.5	1.72 V	105	29.2	12.3

Remarks:

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

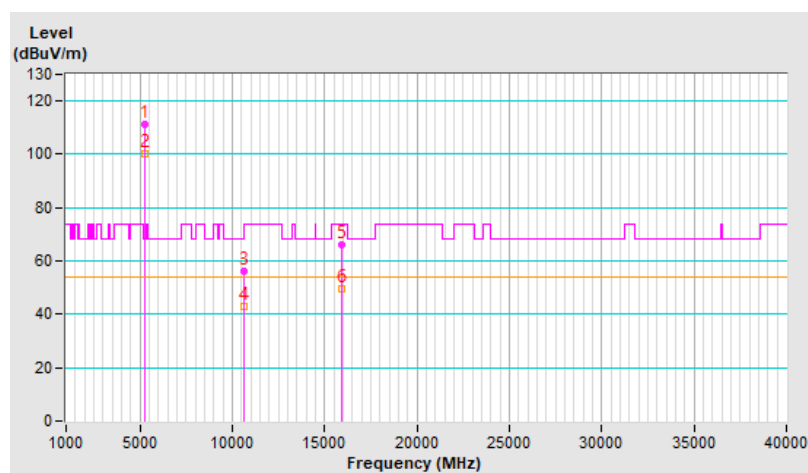


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	111.2 PK			3.80 H	169	108.7	2.5
2	*5300.00	100.1 AV			3.80 H	169	97.6	2.5
3	10600.00	56.0 PK	74.0	-18.0	2.34 H	233	43.8	12.2
4	10600.00	42.7 AV	54.0	-11.3	2.34 H	233	30.5	12.2
5	15900.00	66.2 PK	74.0	-7.8	1.86 H	360	53.6	12.6
6	15900.00	49.7 AV	54.0	-4.3	1.86 H	360	37.1	12.6

Remarks:

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

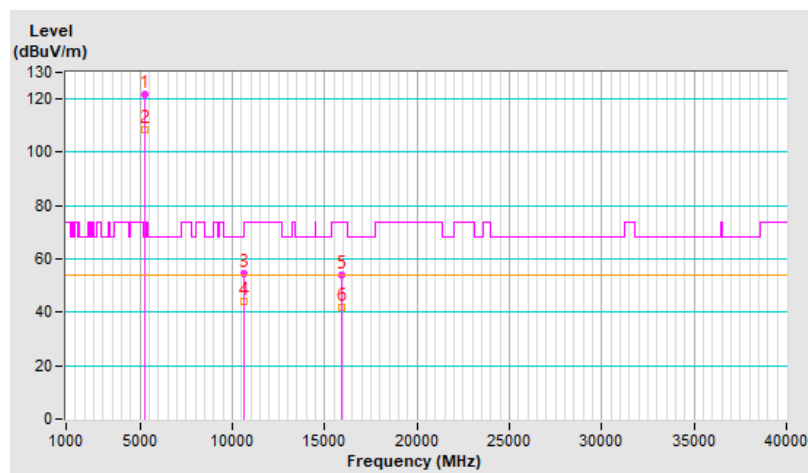


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	121.9 PK			2.38 V	146	119.4	2.5
2	*5300.00	108.3 AV			2.38 V	146	105.8	2.5
3	10600.00	54.7 PK	74.0	-19.3	1.55 V	228	42.5	12.2
4	10600.00	43.9 AV	54.0	-10.1	1.55 V	228	31.7	12.2
5	15900.00	53.9 PK	74.0	-20.1	1.73 V	79	41.3	12.6
6	15900.00	41.7 AV	54.0	-12.3	1.73 V	79	29.1	12.6

Remarks:

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

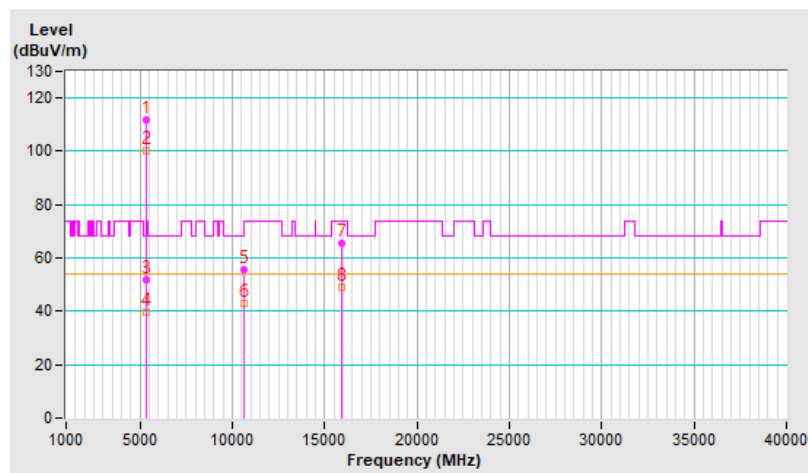


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	111.8 PK			3.85 H	158	109.0	2.8
2	*5320.00	100.4 AV			3.85 H	158	97.6	2.8
3	5350.00	51.9 PK	74.0	-22.1	3.85 H	158	49.0	2.9
4	5350.00	39.6 AV	54.0	-14.4	3.85 H	158	36.7	2.9
5	10640.00	55.6 PK	74.0	-18.4	2.30 H	228	43.4	12.2
6	10640.00	42.8 AV	54.0	-11.2	2.30 H	228	30.6	12.2
7	15960.00	65.4 PK	74.0	-8.6	1.93 H	360	53.1	12.3
8	15960.00	49.1 AV	54.0	-4.9	1.93 H	360	36.8	12.3

Remarks:

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

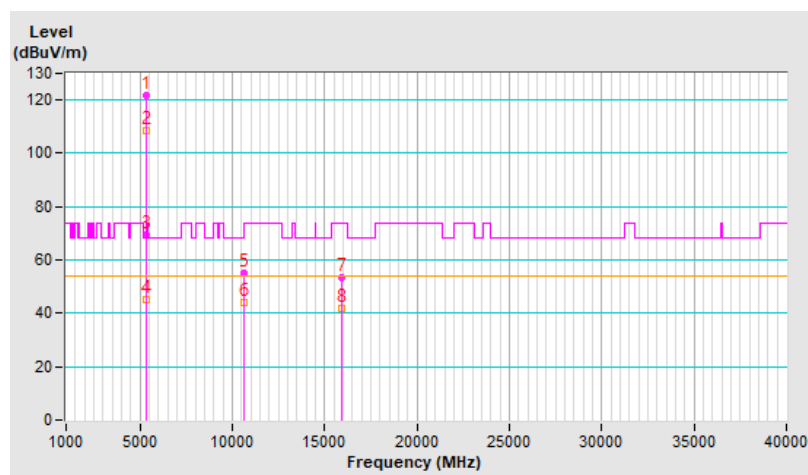


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	121.9 PK			2.42 V	142	119.1	2.8
2	*5320.00	108.6 AV			2.42 V	142	105.8	2.8
3	5350.00	69.2 PK	74.0	-4.8	2.42 V	142	66.3	2.9
4	5350.00	44.9 AV	54.0	-9.1	2.42 V	142	42.0	2.9
5	10640.00	55.2 PK	74.0	-18.8	1.63 V	218	43.0	12.2
6	10640.00	44.2 AV	54.0	-9.8	1.63 V	218	32.0	12.2
7	15960.00	53.6 PK	74.0	-20.4	1.73 V	78	41.3	12.3
8	15960.00	41.7 AV	54.0	-12.3	1.73 V	78	29.4	12.3

Remarks:

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

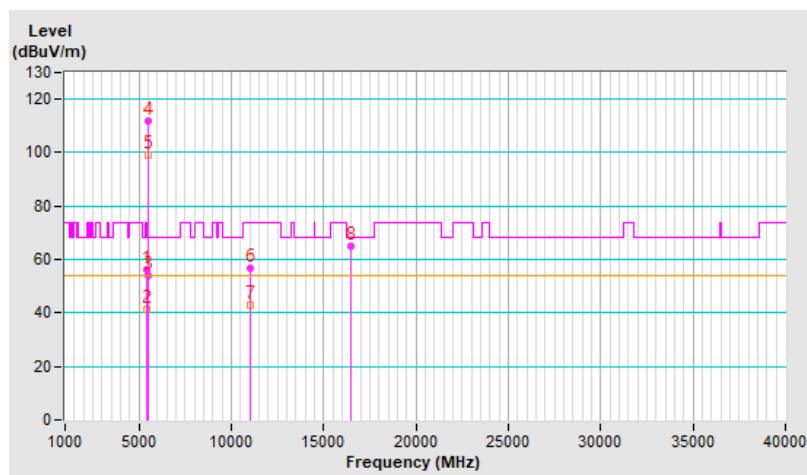


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.4 PK	74.0	-17.6	3.79 H	170	53.2	3.2
2	5460.00	41.3 AV	54.0	-12.7	3.79 H	170	38.1	3.2
3	#5470.00	53.8 PK	68.2	-14.4	3.79 H	170	50.6	3.2
4	*5500.00	111.7 PK			3.79 H	170	108.5	3.2
5	*5500.00	99.0 AV			3.79 H	170	95.8	3.2
6	11000.00	56.5 PK	74.0	-17.5	2.36 H	244	43.7	12.8
7	11000.00	43.1 AV	54.0	-10.9	2.36 H	244	30.3	12.8
8	#16500.00	65.0 PK	68.2	-3.2	1.86 H	360	51.2	13.8

Remarks:

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

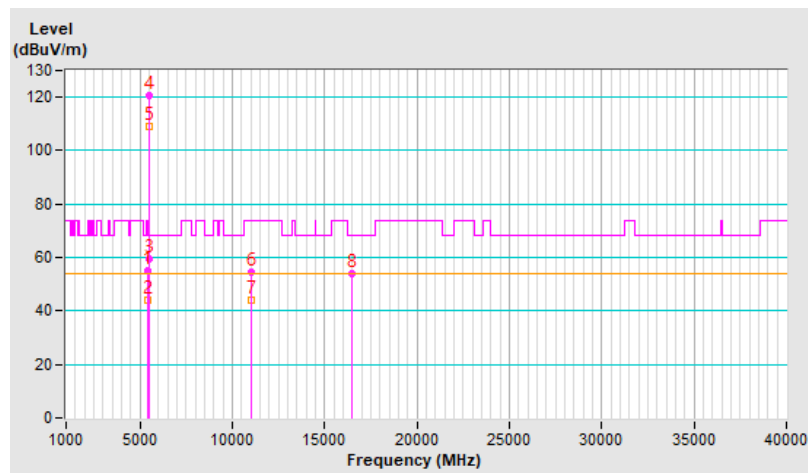


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.2 PK	74.0	-18.8	2.29 V	153	52.0	3.2
2	5460.00	43.9 AV	54.0	-10.1	2.29 V	153	40.7	3.2
3	#5470.00	59.4 PK	68.2	-8.8	2.29 V	153	56.2	3.2
4	*5500.00	120.7 PK			2.29 V	153	117.5	3.2
5	*5500.00	108.8 AV			2.29 V	153	105.6	3.2
6	11000.00	54.6 PK	74.0	-19.4	1.56 V	218	41.8	12.8
7	11000.00	43.8 AV	54.0	-10.2	1.56 V	218	31.0	12.8
8	#16500.00	53.8 PK	68.2	-14.4	1.71 V	88	40.0	13.8

Remarks:

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

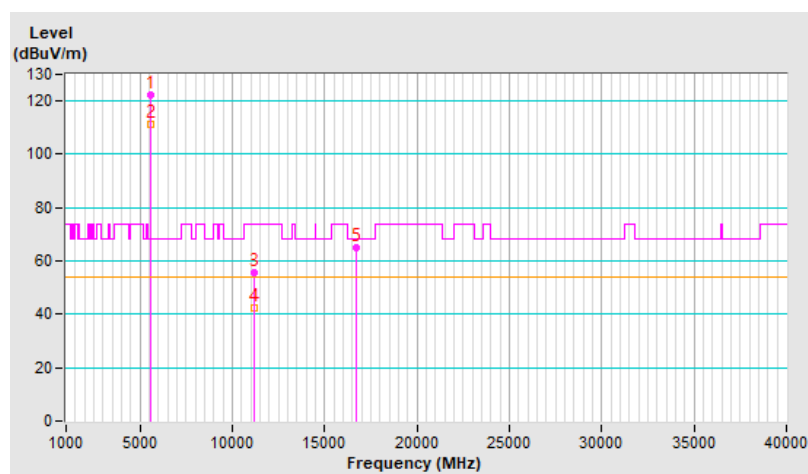


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	122.4 PK			3.78 H	174	119.4	3.0
2	*5580.00	111.4 AV			3.78 H	174	108.4	3.0
3	11160.00	55.5 PK	74.0	-18.5	2.34 H	241	43.3	12.2
4	11160.00	42.6 AV	54.0	-11.4	2.34 H	241	30.4	12.2
5	#16740.00	64.8 PK	68.2	-3.4	1.83 H	360	49.6	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.

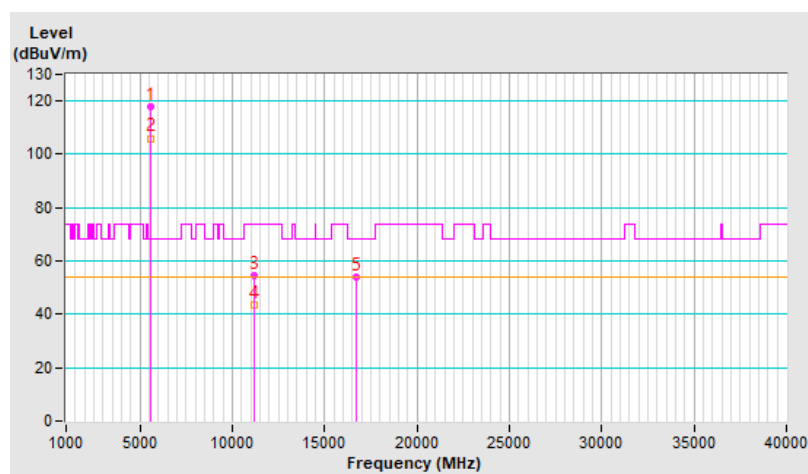


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	117.7 PK			2.42 V	105	114.7	3.0
2	*5580.00	106.0 AV			2.42 V	105	103.0	3.0
3	11160.00	54.6 PK	74.0	-19.4	1.57 V	230	42.4	12.2
4	11160.00	43.5 AV	54.0	-10.5	1.57 V	230	31.3	12.2
5	#16740.00	54.0 PK	68.2	-14.2	1.72 V	96	38.8	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.

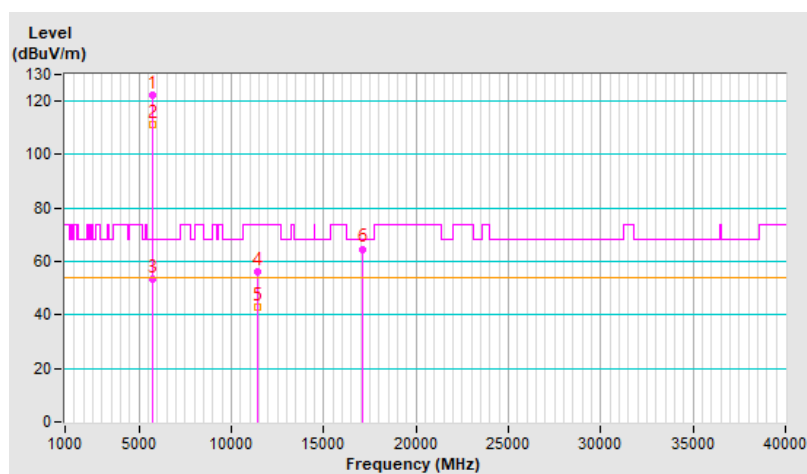


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	122.4 PK			3.74 H	175	119.2	3.2
2	*5700.00	111.4 AV			3.74 H	175	108.2	3.2
3	#5725.00	53.5 PK	68.2	-14.7	3.74 H	175	50.1	3.4
4	11400.00	56.4 PK	74.0	-17.6	2.36 H	232	43.7	12.7
5	11400.00	43.0 AV	54.0	-11.0	2.36 H	232	30.3	12.7
6	#17100.00	64.7 PK	68.2	-3.5	1.88 H	360	47.6	17.1

Remarks:

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

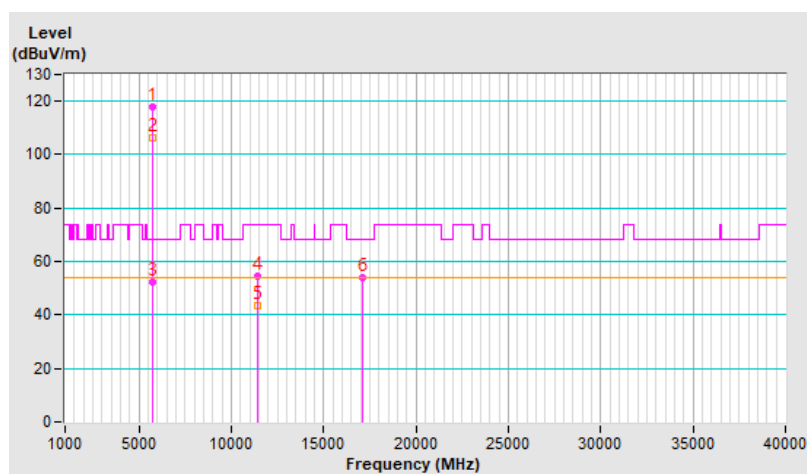


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	117.8 PK			2.39 V	115	114.6	3.2
2	*5700.00	106.3 AV			2.39 V	115	103.1	3.2
3	#5725.00	52.1 PK	68.2	-16.1	2.39 V	115	48.7	3.4
4	11400.00	54.4 PK	74.0	-19.6	1.57 V	216	41.7	12.7
5	11400.00	43.5 AV	54.0	-10.5	1.57 V	216	30.8	12.7
6	#17100.00	53.8 PK	68.2	-14.4	1.73 V	85	36.7	17.1

Remarks:

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

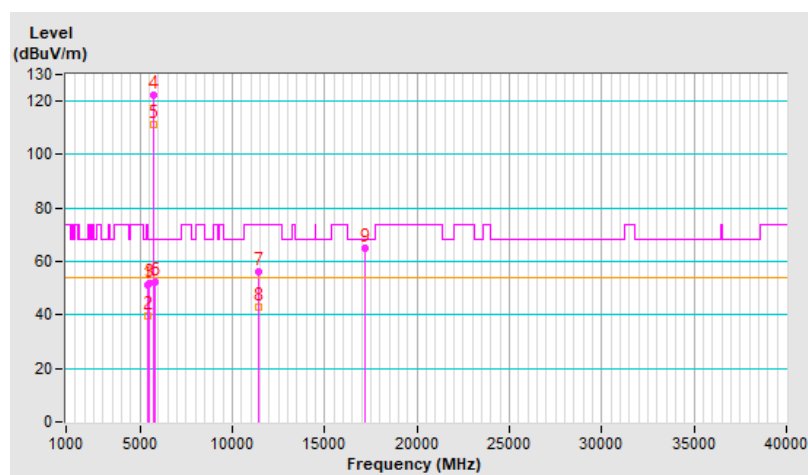


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.2 PK	74.0	-22.8	3.77 H	174	48.0	3.2
2	5460.00	39.4 AV	54.0	-14.6	3.77 H	174	36.2	3.2
3	#5470.00	52.0 PK	68.2	-16.2	3.77 H	174	48.8	3.2
4	*5720.00	122.5 PK			3.77 H	174	119.2	3.3
5	*5720.00	111.5 AV			3.77 H	174	108.2	3.3
6	#5850.00	52.2 PK	68.2	-16.0	3.77 H	174	48.4	3.8
7	11440.00	56.2 PK	74.0	-17.8	2.35 H	226	43.4	12.8
8	11440.00	43.1 AV	54.0	-10.9	2.35 H	226	30.3	12.8
9	#17160.00	64.9 PK	68.2	-3.3	1.91 H	360	47.9	17.0

Remarks:

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

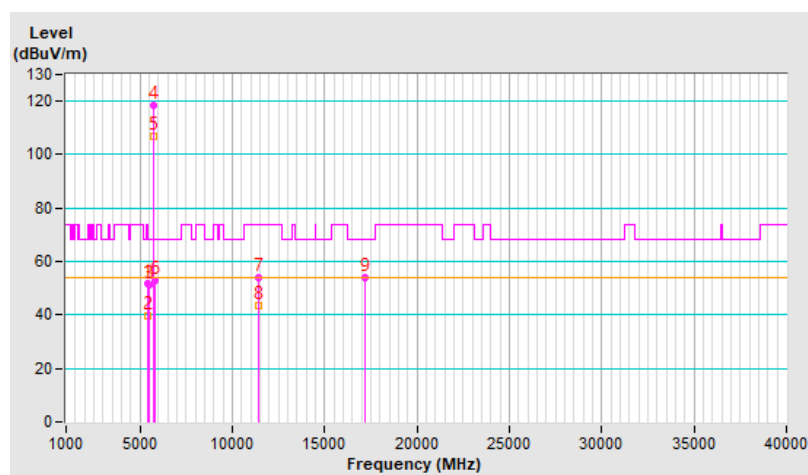


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.6 PK	74.0	-22.4	2.41 V	126	48.4	3.2
2	5460.00	39.4 AV	54.0	-14.6	2.41 V	126	36.2	3.2
3	#5470.00	51.3 PK	68.2	-16.9	2.41 V	126	48.1	3.2
4	*5720.00	118.3 PK			2.41 V	126	115.0	3.3
5	*5720.00	106.7 AV			2.41 V	126	103.4	3.3
6	#5850.00	52.9 PK	68.2	-15.3	2.41 V	126	49.1	3.8
7	11440.00	54.1 PK	74.0	-19.9	1.63 V	221	41.3	12.8
8	11440.00	43.5 AV	54.0	-10.5	1.63 V	221	30.7	12.8
9	#17160.00	53.9 PK	68.2	-14.3	1.79 V	98	36.9	17.0

Remarks:

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

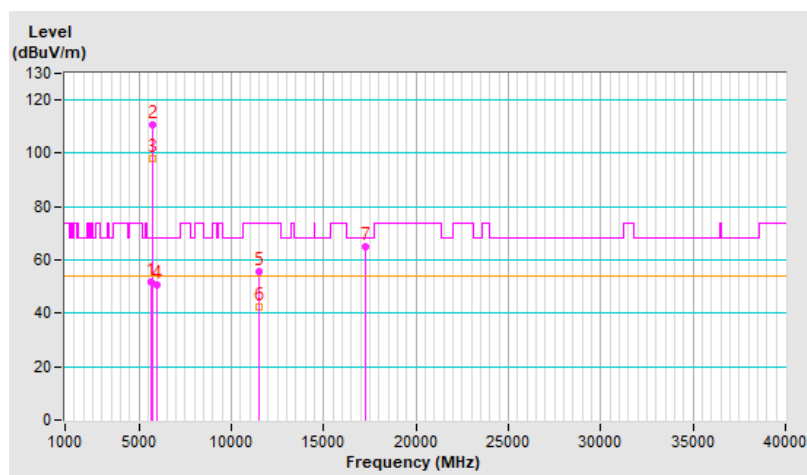


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5622.00	51.8 PK	68.2	-16.4	2.00 H	174	48.8	3.0
2	*5745.00	110.6 PK			2.00 H	174	107.1	3.5
3	*5745.00	97.9 AV			2.00 H	174	94.4	3.5
4	#5956.45	50.9 PK	68.2	-17.3	2.00 H	174	47.4	3.5
5	11490.00	55.4 PK	74.0	-18.6	2.37 H	236	42.8	12.6
6	11490.00	42.5 AV	54.0	-11.5	2.37 H	236	29.9	12.6
7	#17235.00	65.1 PK	68.2	-3.1	1.82 H	360	47.8	17.3

Remarks:

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

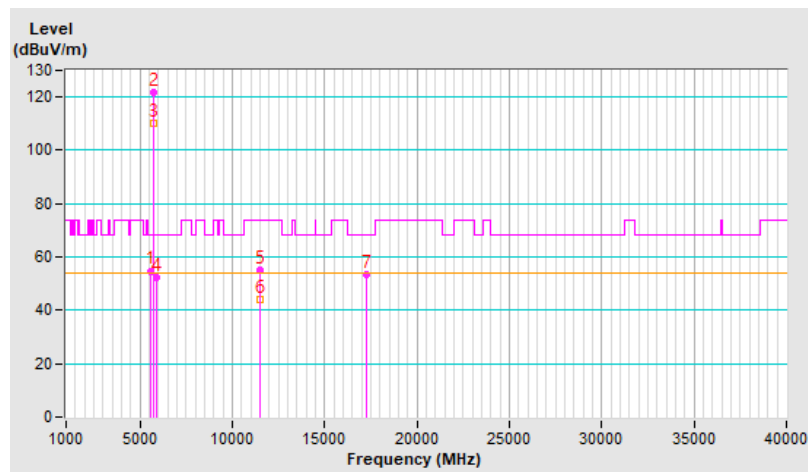


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5588.48	54.8 PK	68.2	-13.4	2.38 V	140	51.8	3.0
2	*5745.00	121.8 PK			2.38 V	140	118.3	3.5
3	*5745.00	109.9 AV			2.38 V	140	106.4	3.5
4	#5929.17	52.3 PK	68.2	-15.9	2.38 V	140	48.7	3.6
5	11490.00	54.9 PK	74.0	-19.1	1.60 V	216	42.3	12.6
6	11490.00	43.8 AV	54.0	-10.2	1.60 V	216	31.2	12.6
7	#17235.00	53.5 PK	68.2	-14.7	1.77 V	104	36.2	17.3

Remarks:

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

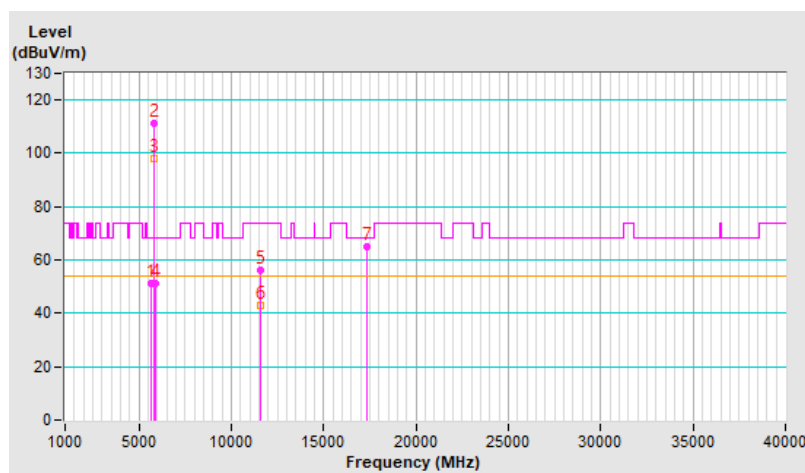


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5635.35	51.0 PK	68.2	-17.2	2.41 H	168	47.9	3.1
2	*5785.00	111.2 PK			2.41 H	168	107.7	3.5
3	*5785.00	97.9 AV			2.41 H	168	94.4	3.5
4	#5933.97	51.1 PK	68.2	-17.1	2.41 H	168	47.5	3.6
5	11570.00	56.4 PK	74.0	-17.6	2.28 H	239	43.9	12.5
6	11570.00	43.1 AV	54.0	-10.9	2.28 H	239	30.6	12.5
7	#17355.00	65.0 PK	68.2	-3.2	1.87 H	360	47.4	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.

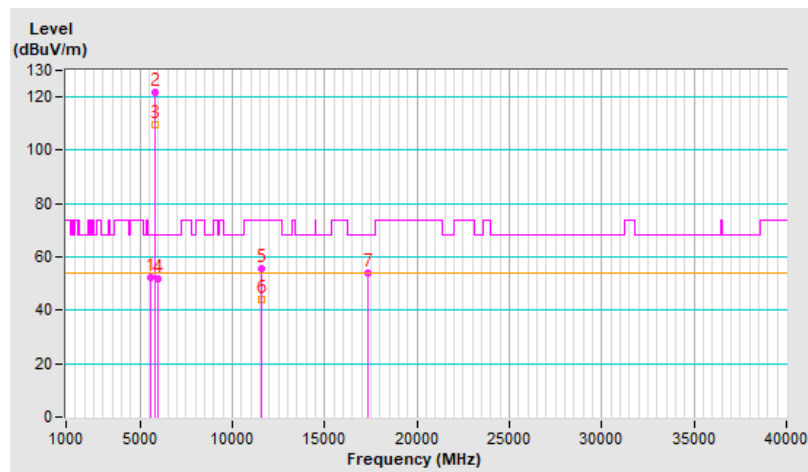


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5579.20	52.4 PK	68.2	-15.8	2.47 V	142	49.4	3.0
2	*5785.00	121.6 PK			2.47 V	142	118.1	3.5
3	*5785.00	109.6 AV			2.47 V	142	106.1	3.5
4	#5986.22	52.0 PK	68.2	-16.2	2.47 V	142	48.4	3.6
5	11570.00	55.4 PK	74.0	-18.6	1.59 V	239	42.9	12.5
6	11570.00	44.2 AV	54.0	-9.8	1.59 V	239	31.7	12.5
7	#17355.00	54.0 PK	68.2	-14.2	1.72 V	83	36.4	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.

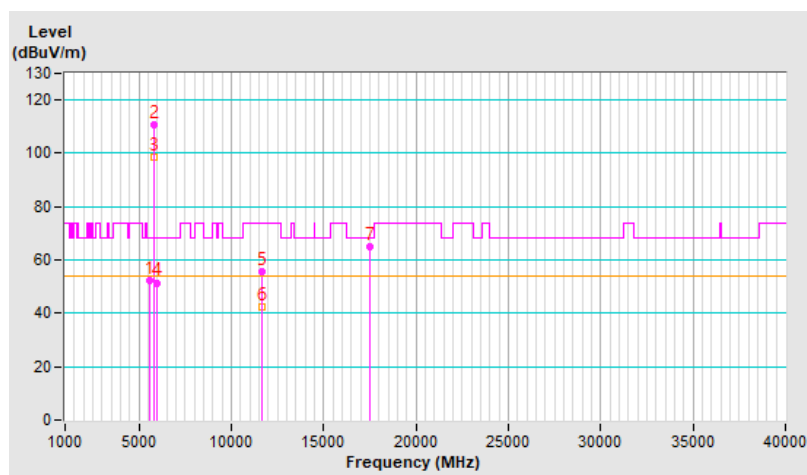


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5611.42	52.1 PK	68.2	-16.1	2.15 H	162	49.1	3.0
2	*5825.00	110.7 PK			2.15 H	162	107.0	3.7
3	*5825.00	98.5 AV			2.15 H	162	94.8	3.7
4	#5964.18	51.5 PK	68.2	-16.7	2.15 H	162	47.9	3.6
5	11650.00	55.4 PK	74.0	-18.6	2.30 H	245	43.3	12.1
6	11650.00	42.6 AV	54.0	-11.4	2.30 H	245	30.5	12.1
7	#17475.00	65.2 PK	68.2	-3.0	1.85 H	360	47.0	18.2

Remarks:

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

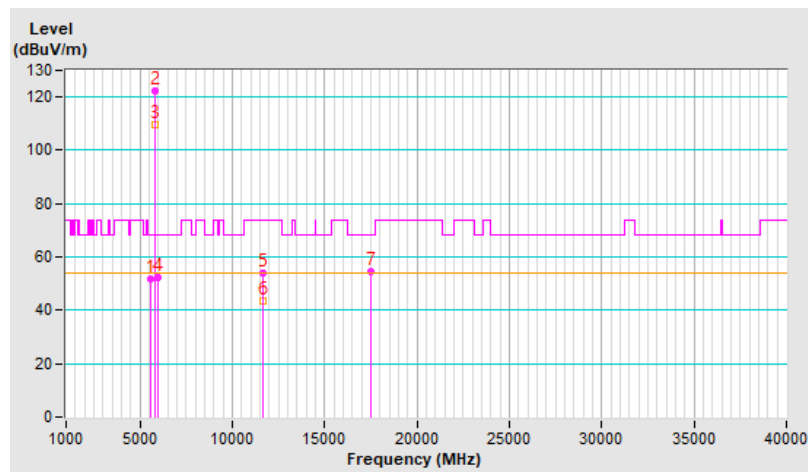


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5582.45	51.9 PK	68.2	-16.3	2.16 V	158	48.9	3.0
2	*5825.00	122.4 PK			2.16 V	158	118.7	3.7
3	*5825.00	109.7 AV			2.16 V	158	106.0	3.7
4	#5948.62	52.2 PK	68.2	-16.0	2.16 V	158	48.7	3.5
5	11650.00	54.2 PK	74.0	-19.8	1.63 V	234	42.1	12.1
6	11650.00	43.5 AV	54.0	-10.5	1.63 V	234	31.4	12.1
7	#17475.00	54.4 PK	68.2	-13.8	1.77 V	99	36.2	18.2

Remarks:

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

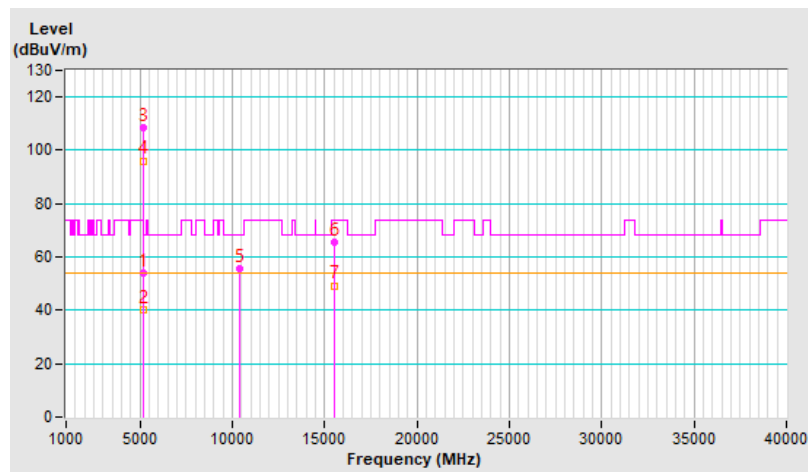


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.1 PK	74.0	-19.9	2.10 H	154	50.7	3.4
2	5150.00	40.2 AV	54.0	-13.8	2.10 H	154	36.8	3.4
3	*5180.00	108.6 PK			2.10 H	154	105.5	3.1
4	*5180.00	96.1 AV			2.10 H	154	93.0	3.1
5	#10360.00	55.4 PK	68.2	-12.8	2.34 H	248	43.9	11.5
6	15540.00	65.7 PK	74.0	-8.3	1.86 H	360	53.5	12.2
7	15540.00	49.3 AV	54.0	-4.7	1.86 H	360	37.1	12.2

Remarks:

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

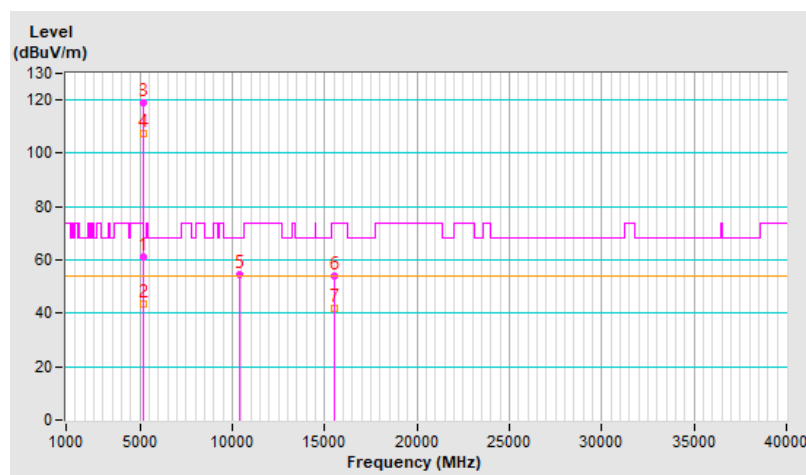


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.1 PK	74.0	-12.9	2.44 V	138	57.7	3.4
2	5150.00	43.7 AV	54.0	-10.3	2.44 V	138	40.3	3.4
3	*5180.00	118.9 PK			2.44 V	138	115.8	3.1
4	*5180.00	107.2 AV			2.44 V	138	104.1	3.1
5	#10360.00	54.4 PK	68.2	-13.8	1.60 V	229	42.9	11.5
6	15540.00	53.9 PK	74.0	-20.1	1.73 V	108	41.7	12.2
7	15540.00	41.9 AV	54.0	-12.1	1.73 V	108	29.7	12.2

Remarks:

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

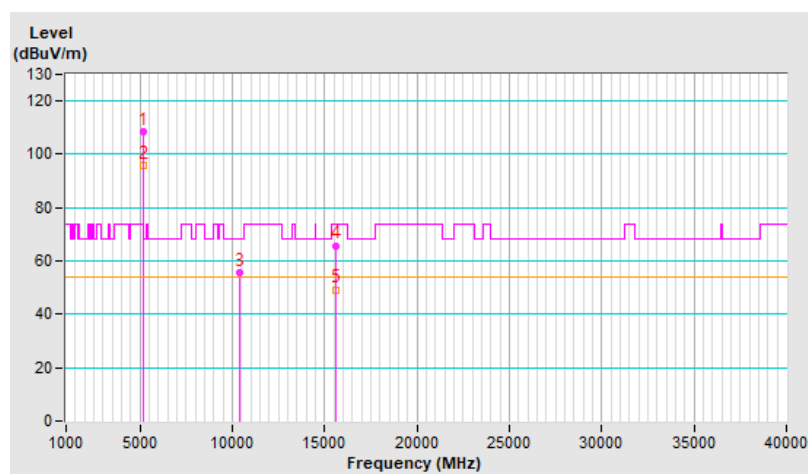


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	108.5 PK			2.09 H	160	105.6	2.9
2	*5200.00	95.8 AV			2.09 H	160	92.9	2.9
3	#10400.00	55.5 PK	68.2	-12.7	2.27 H	249	43.9	11.6
4	15600.00	65.8 PK	74.0	-8.2	1.90 H	360	54.1	11.7
5	15600.00	49.3 AV	54.0	-4.7	1.90 H	360	37.6	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.

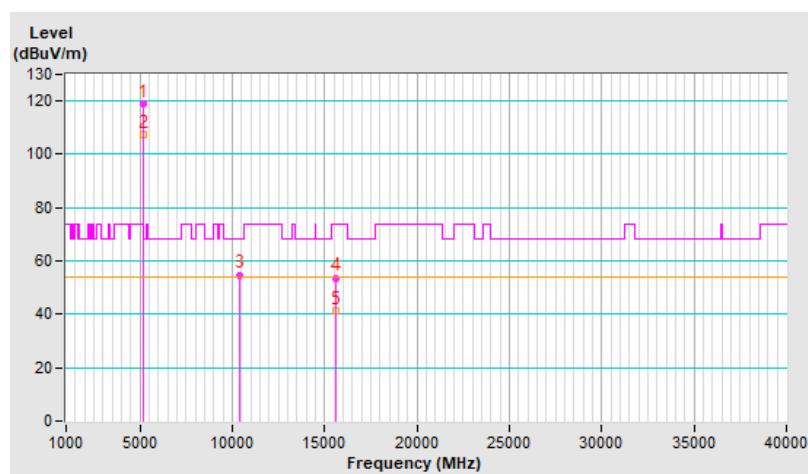


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	119.0 PK			2.43 V	131	116.1	2.9
2	*5200.00	107.3 AV			2.43 V	131	104.4	2.9
3	#10400.00	54.8 PK	68.2	-13.4	1.64 V	221	43.2	11.6
4	15600.00	53.7 PK	74.0	-20.3	1.72 V	82	42.0	11.7
5	15600.00	41.5 AV	54.0	-12.5	1.72 V	82	29.8	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.

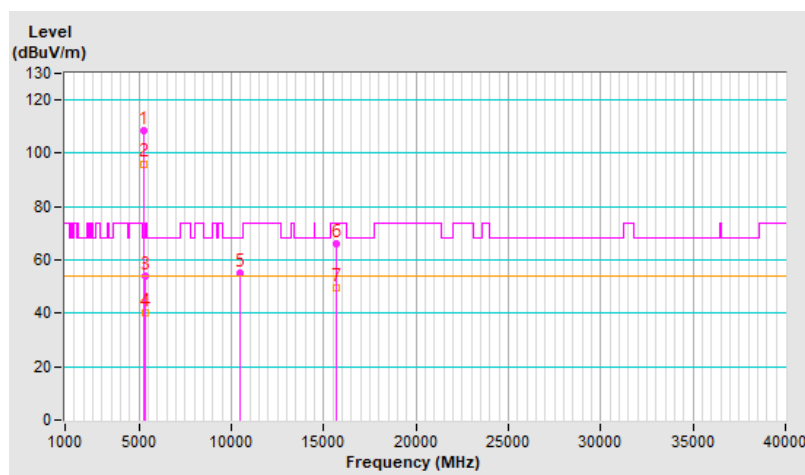


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	108.4 PK			2.09 H	170	105.8	2.6
2	*5240.00	96.1 AV			2.09 H	170	93.5	2.6
3	5350.00	54.1 PK	74.0	-19.9	2.09 H	170	51.2	2.9
4	5350.00	40.0 AV	54.0	-14.0	2.09 H	170	37.1	2.9
5	#10480.00	55.0 PK	68.2	-13.2	2.29 H	241	43.4	11.6
6	15720.00	66.1 PK	74.0	-7.9	1.90 H	359	54.2	11.9
7	15720.00	49.8 AV	54.0	-4.2	1.90 H	359	37.9	11.9

Remarks:

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

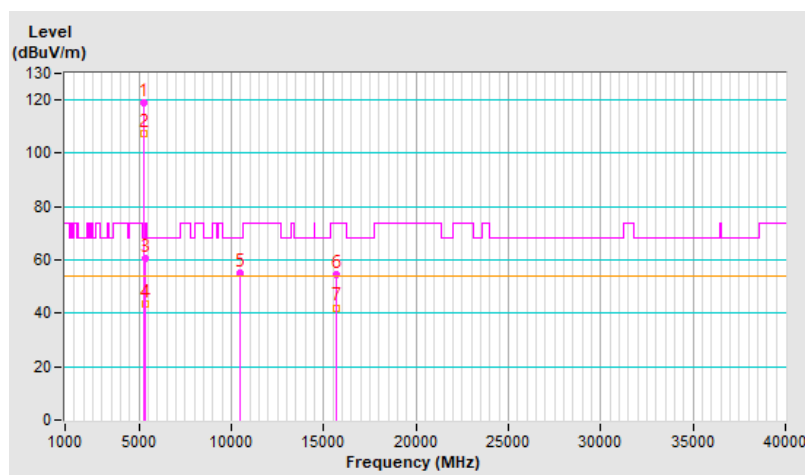


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	118.9 PK			2.39 V	138	116.3	2.6
2	*5240.00	107.5 AV			2.39 V	138	104.9	2.6
3	5350.00	60.5 PK	74.0	-13.5	2.39 V	138	57.6	2.9
4	5350.00	43.3 AV	54.0	-10.7	2.39 V	138	40.4	2.9
5	#10480.00	54.9 PK	68.2	-13.3	1.63 V	214	43.3	11.6
6	15720.00	54.5 PK	74.0	-19.5	1.74 V	93	42.6	11.9
7	15720.00	42.1 AV	54.0	-11.9	1.74 V	93	30.2	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.

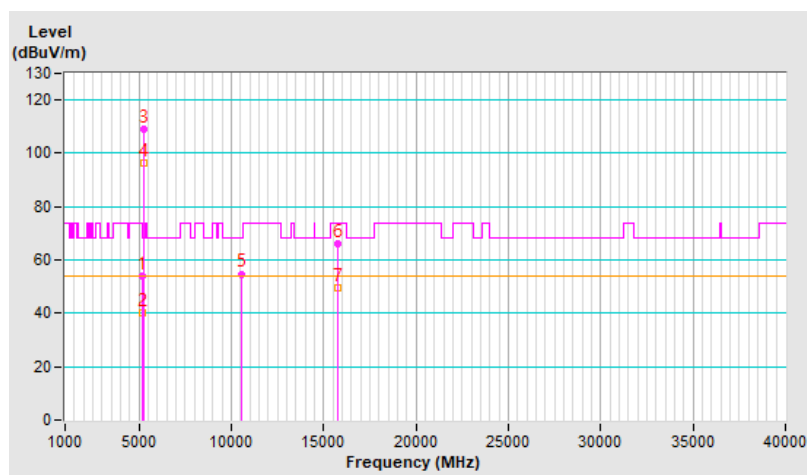


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.0 PK	74.0	-20.0	2.13 H	144	50.6	3.4
2	5150.00	40.2 AV	54.0	-13.8	2.13 H	144	36.8	3.4
3	*5260.00	109.2 PK			2.13 H	144	106.6	2.6
4	*5260.00	96.6 AV			2.13 H	144	94.0	2.6
5	#10520.00	54.8 PK	68.2	-13.4	2.33 H	248	43.0	11.8
6	15780.00	66.0 PK	74.0	-8.0	1.90 H	360	53.7	12.3
7	15780.00	49.8 AV	54.0	-4.2	1.90 H	360	37.5	12.3

Remarks:

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

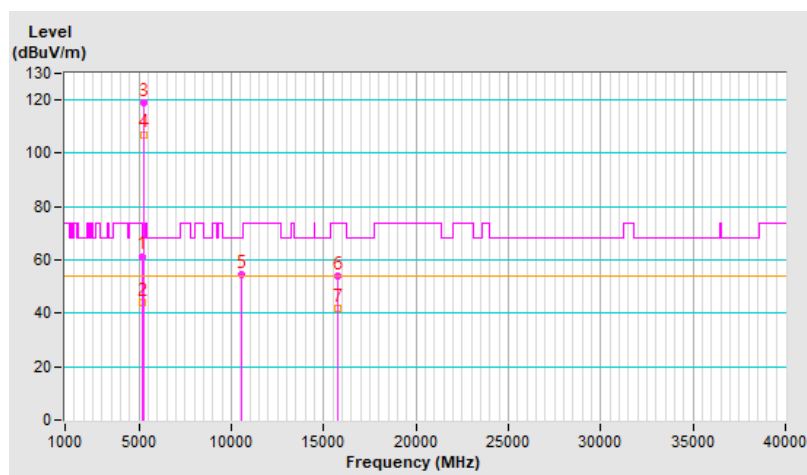


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.4 PK	74.0	-12.6	2.49 V	151	58.0	3.4
2	5150.00	44.0 AV	54.0	-10.0	2.49 V	151	40.6	3.4
3	*5260.00	118.8 PK			2.49 V	151	116.2	2.6
4	*5260.00	107.1 AV			2.49 V	151	104.5	2.6
5	#10520.00	54.4 PK	68.2	-13.8	1.57 V	239	42.6	11.8
6	15780.00	54.1 PK	74.0	-19.9	1.72 V	86	41.8	12.3
7	15780.00	41.9 AV	54.0	-12.1	1.72 V	86	29.6	12.3

Remarks:

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

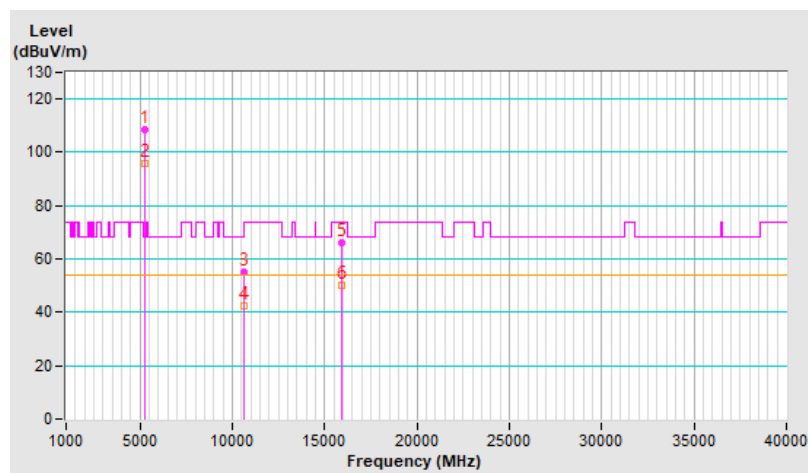


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	108.3 PK			2.15 H	141	105.8	2.5
2	*5300.00	95.8 AV			2.15 H	141	93.3	2.5
3	10600.00	55.1 PK	74.0	-18.9	2.36 H	234	42.9	12.2
4	10600.00	42.3 AV	54.0	-11.7	2.36 H	234	30.1	12.2
5	15900.00	66.2 PK	74.0	-7.8	1.90 H	360	53.6	12.6
6	15900.00	50.1 AV	54.0	-3.9	1.90 H	360	37.5	12.6

Remarks:

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

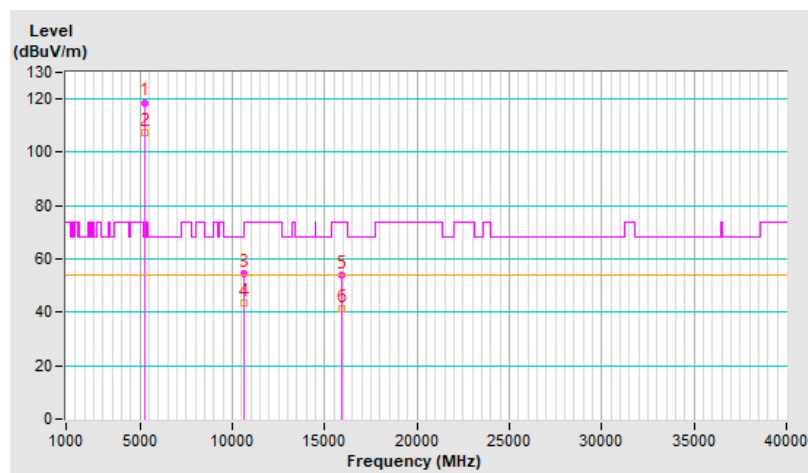


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	118.7 PK			2.47 V	134	116.2	2.5
2	*5300.00	107.2 AV			2.47 V	134	104.7	2.5
3	10600.00	54.4 PK	74.0	-19.6	1.55 V	214	42.2	12.2
4	10600.00	43.6 AV	54.0	-10.4	1.55 V	214	31.4	12.2
5	15900.00	53.9 PK	74.0	-20.1	1.79 V	82	41.3	12.6
6	15900.00	41.5 AV	54.0	-12.5	1.79 V	82	28.9	12.6

Remarks:

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

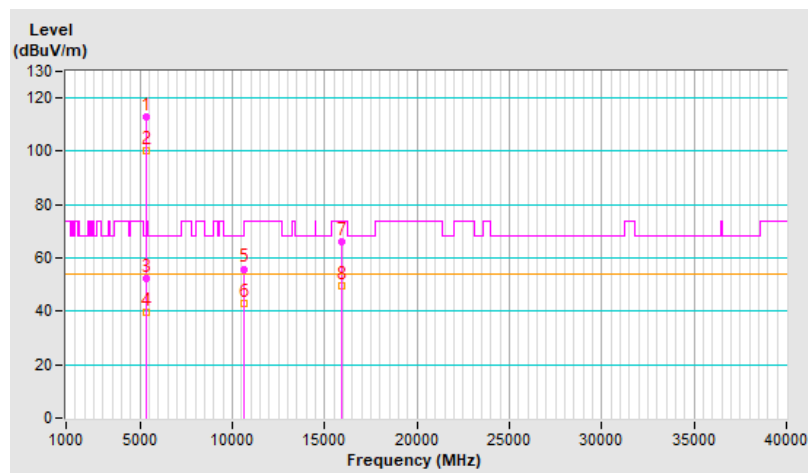


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	112.7 PK			3.86 H	158	109.9	2.8
2	*5320.00	100.1 AV			3.86 H	158	97.3	2.8
3	5350.00	52.4 PK	74.0	-21.6	3.86 H	158	49.5	2.9
4	5350.00	39.7 AV	54.0	-14.3	3.86 H	158	36.8	2.9
5	10640.00	55.9 PK	74.0	-18.1	2.26 H	229	43.7	12.2
6	10640.00	43.0 AV	54.0	-11.0	2.26 H	229	30.8	12.2
7	15960.00	66.2 PK	74.0	-7.8	1.81 H	360	53.9	12.3
8	15960.00	49.8 AV	54.0	-4.2	1.81 H	360	37.5	12.3

Remarks:

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

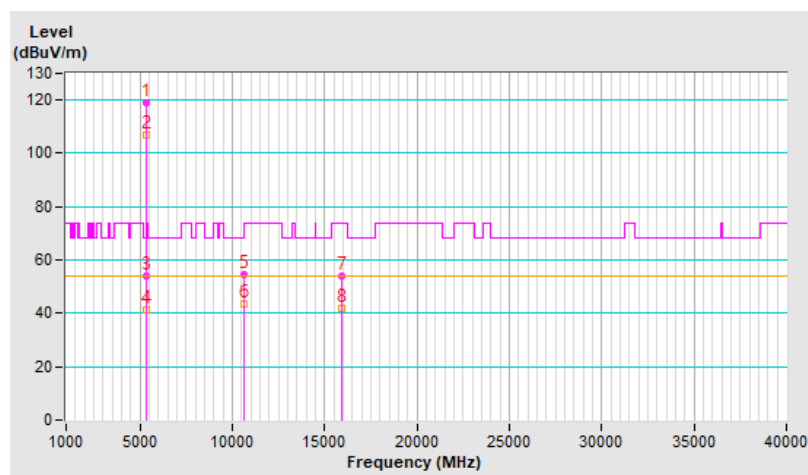


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	119.2 PK			2.49 V	148	116.4	2.8
2	*5320.00	106.8 AV			2.49 V	148	104.0	2.8
3	5350.00	54.2 PK	74.0	-19.8	2.49 V	148	51.3	2.9
4	5350.00	41.3 AV	54.0	-12.7	2.49 V	148	38.4	2.9
5	10640.00	54.7 PK	74.0	-19.3	1.64 V	230	42.5	12.2
6	10640.00	43.6 AV	54.0	-10.4	1.64 V	230	31.4	12.2
7	15960.00	54.2 PK	74.0	-19.8	1.76 V	103	41.9	12.3
8	15960.00	41.7 AV	54.0	-12.3	1.76 V	103	29.4	12.3

Remarks:

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

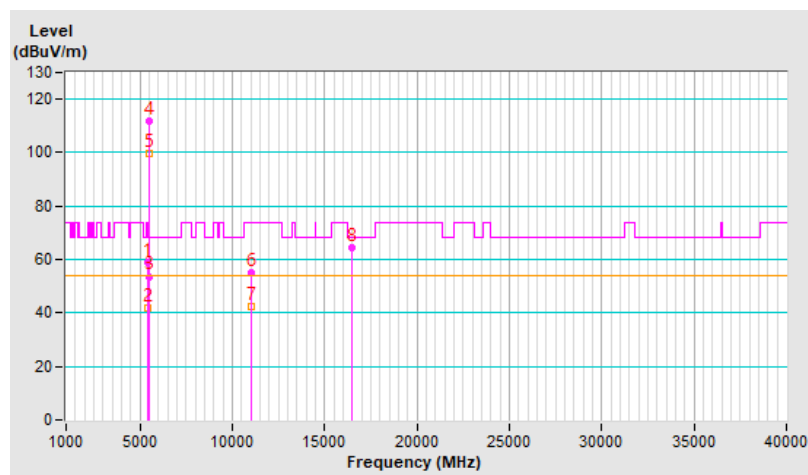


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.1 PK	74.0	-14.9	3.79 H	170	55.9	3.2
2	5460.00	41.7 AV	54.0	-12.3	3.79 H	170	38.5	3.2
3	#5470.00	53.7 PK	68.2	-14.5	3.79 H	170	50.5	3.2
4	*5500.00	111.6 PK			3.79 H	170	108.4	3.2
5	*5500.00	99.8 AV			3.79 H	170	96.6	3.2
6	11000.00	55.3 PK	74.0	-18.7	2.25 H	245	42.5	12.8
7	11000.00	42.3 AV	54.0	-11.7	2.25 H	245	29.5	12.8
8	#16500.00	64.6 PK	68.2	-3.6	1.86 H	360	50.8	13.8

Remarks:

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

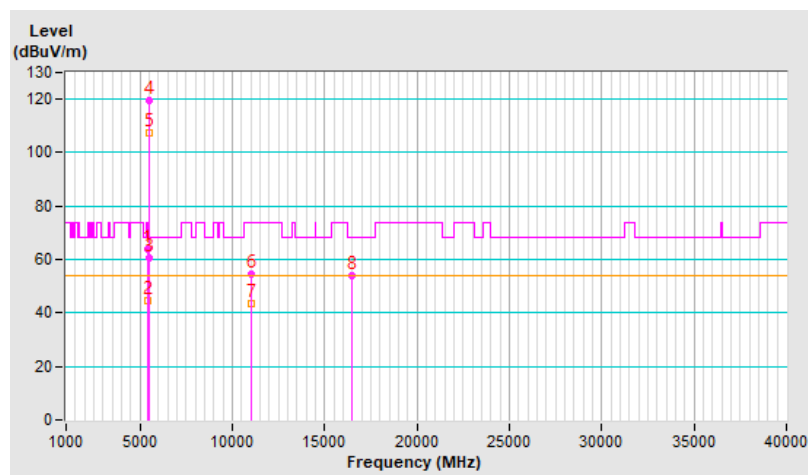


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	64.1 PK	74.0	-9.9	2.26 V	150	60.9	3.2
2	5460.00	44.8 AV	54.0	-9.2	2.26 V	150	41.6	3.2
3	#5470.00	60.5 PK	68.2	-7.7	2.26 V	150	57.3	3.2
4	*5500.00	119.6 PK			2.26 V	150	116.4	3.2
5	*5500.00	107.4 AV			2.26 V	150	104.2	3.2
6	11000.00	54.5 PK	74.0	-19.5	1.59 V	224	41.7	12.8
7	11000.00	43.7 AV	54.0	-10.3	1.59 V	224	30.9	12.8
8	#16500.00	53.9 PK	68.2	-14.3	1.71 V	104	40.1	13.8

Remarks:

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

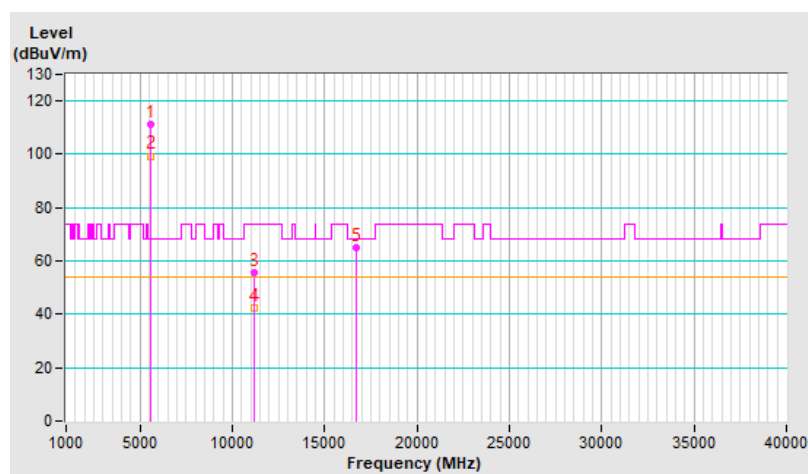


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	111.2 PK			3.76 H	175	108.2	3.0
2	*5580.00	99.4 AV			3.76 H	175	96.4	3.0
3	11160.00	55.7 PK	74.0	-18.3	2.23 H	238	43.5	12.2
4	11160.00	42.5 AV	54.0	-11.5	2.23 H	238	30.3	12.2
5	#16740.00	65.0 PK	68.2	-3.2	1.84 H	360	49.8	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.

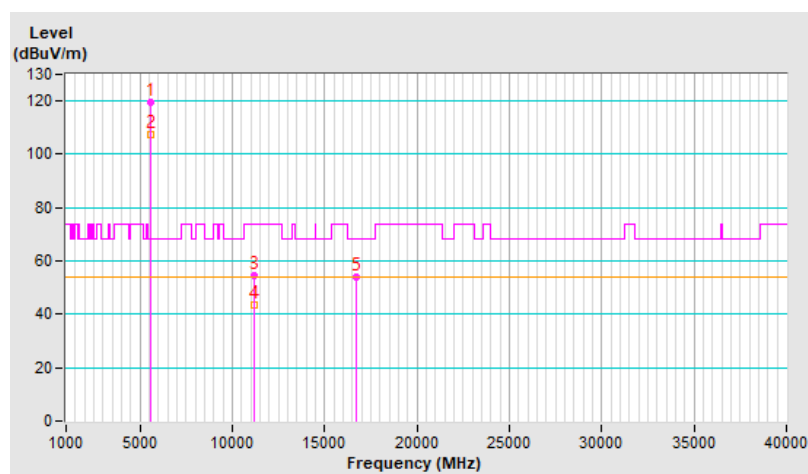


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	119.6 PK			2.26 V	138	116.6	3.0
2	*5580.00	107.2 AV			2.26 V	138	104.2	3.0
3	11160.00	54.4 PK	74.0	-19.6	1.64 V	228	42.2	12.2
4	11160.00	43.5 AV	54.0	-10.5	1.64 V	228	31.3	12.2
5	#16740.00	53.8 PK	68.2	-14.4	1.69 V	109	38.6	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.

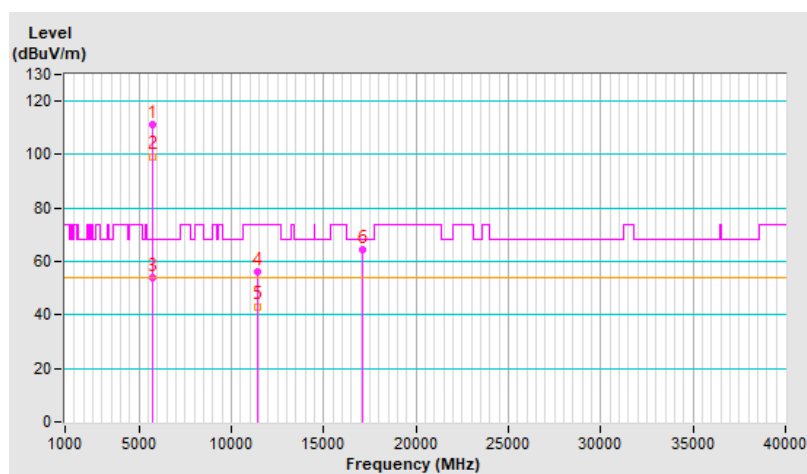


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	111.4 PK			3.76 H	174	108.2	3.2
2	*5700.00	99.4 AV			3.76 H	174	96.2	3.2
3	#5725.00	54.0 PK	68.2	-14.2	3.76 H	174	50.6	3.4
4	11400.00	56.3 PK	74.0	-17.7	2.29 H	218	43.6	12.7
5	11400.00	43.2 AV	54.0	-10.8	2.29 H	218	30.5	12.7
6	#17100.00	64.4 PK	68.2	-3.8	1.78 H	360	47.3	17.1

Remarks:

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

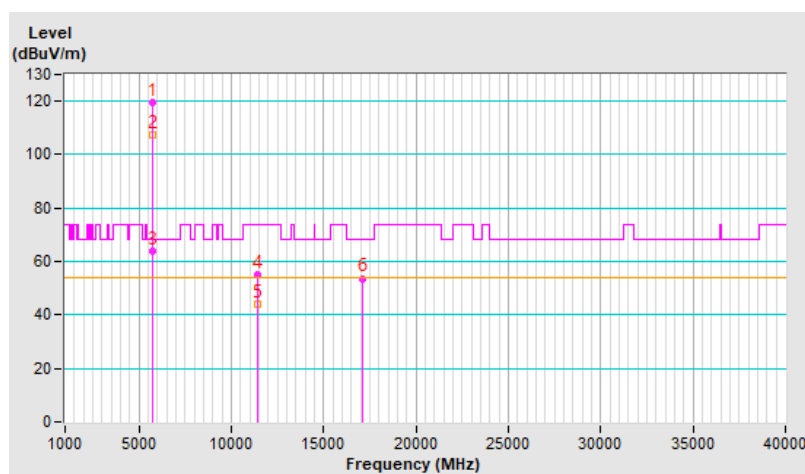


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	119.3 PK			2.22 V	144	116.1	3.2
2	*5700.00	107.4 AV			2.22 V	144	104.2	3.2
3	#5725.00	64.1 PK	68.2	-4.1	2.22 V	144	60.7	3.4
4	11400.00	54.9 PK	74.0	-19.1	1.66 V	224	42.2	12.7
5	11400.00	44.3 AV	54.0	-9.7	1.66 V	224	31.6	12.7
6	#17100.00	53.7 PK	68.2	-14.5	1.70 V	98	36.6	17.1

Remarks:

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

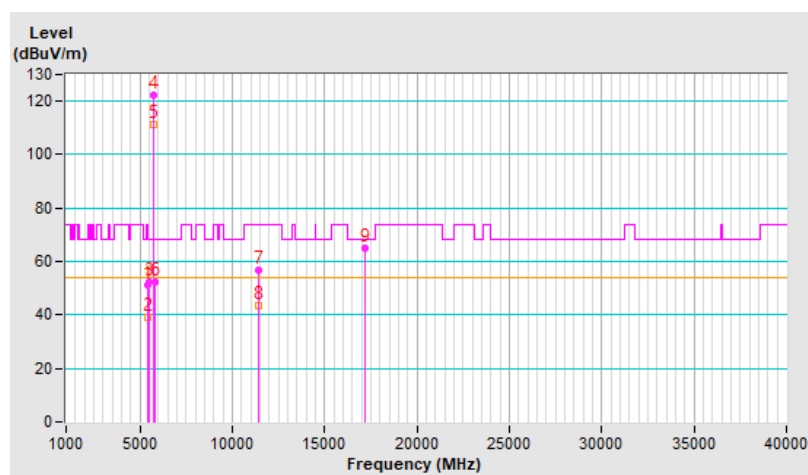


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.4 PK	74.0	-22.6	3.82 H	173	48.2	3.2
2	5460.00	39.3 AV	54.0	-14.7	3.82 H	173	36.1	3.2
3	#5470.00	52.1 PK	68.2	-16.1	3.82 H	173	48.9	3.2
4	*5720.00	122.3 PK			3.82 H	173	119.0	3.3
5	*5720.00	111.4 AV			3.82 H	173	108.1	3.3
6	#5850.00	52.2 PK	68.2	-16.0	3.82 H	173	48.4	3.8
7	11440.00	56.8 PK	74.0	-17.2	2.26 H	228	44.0	12.8
8	11440.00	43.7 AV	54.0	-10.3	2.26 H	228	30.9	12.8
9	#17160.00	65.1 PK	68.2	-3.1	1.73 H	354	48.1	17.0

Remarks:

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

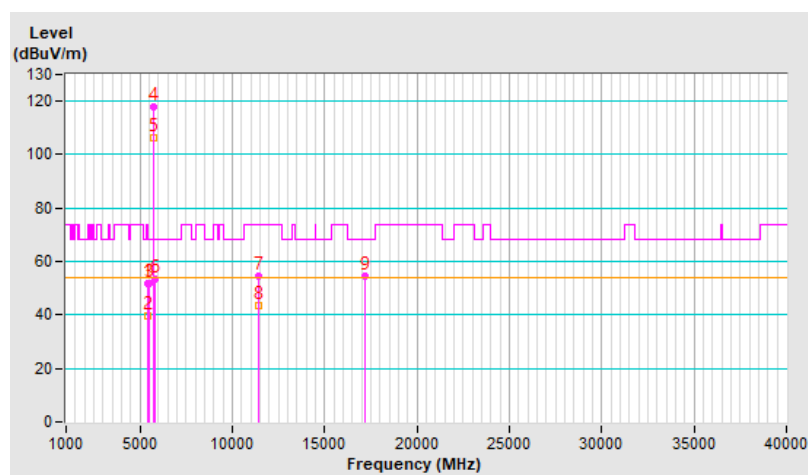


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.7 PK	74.0	-22.3	2.24 V	151	48.5	3.2
2	5460.00	39.4 AV	54.0	-14.6	2.24 V	151	36.2	3.2
3	#5470.00	51.6 PK	68.2	-16.6	2.24 V	151	48.4	3.2
4	*5720.00	117.9 PK			2.24 V	151	114.6	3.3
5	*5720.00	106.3 AV			2.24 V	151	103.0	3.3
6	#5850.00	53.2 PK	68.2	-15.0	2.24 V	151	49.4	3.8
7	11440.00	54.4 PK	74.0	-19.6	1.59 V	231	41.6	12.8
8	11440.00	43.3 AV	54.0	-10.7	1.59 V	231	30.5	12.8
9	#17160.00	54.3 PK	68.2	-13.9	1.75 V	93	37.3	17.0

Remarks:

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

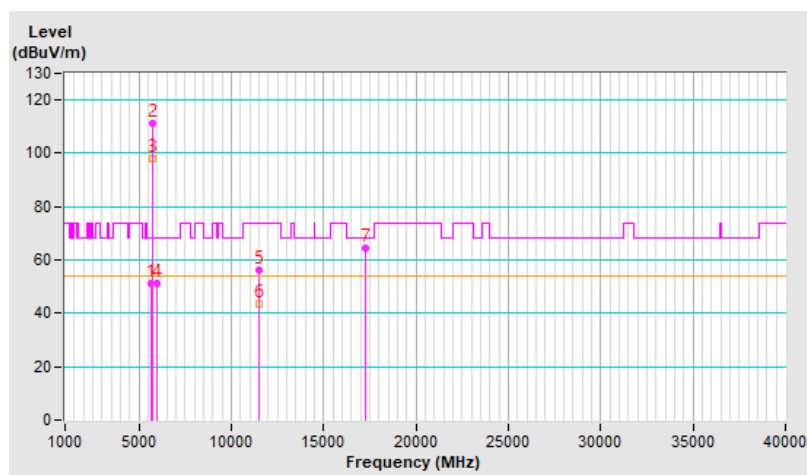


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5621.57	51.3 PK	68.2	-16.9	2.00 H	170	48.3	3.0
2	*5745.00	111.1 PK			2.00 H	170	107.6	3.5
3	*5745.00	98.2 AV			2.00 H	170	94.7	3.5
4	#5941.99	51.2 PK	68.2	-17.0	2.00 H	170	47.6	3.6
5	11490.00	56.4 PK	74.0	-17.6	2.28 H	219	43.8	12.6
6	11490.00	43.4 AV	54.0	-10.6	2.28 H	219	30.8	12.6
7	#17235.00	64.6 PK	68.2	-3.6	1.77 H	351	47.3	17.3

Remarks:

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

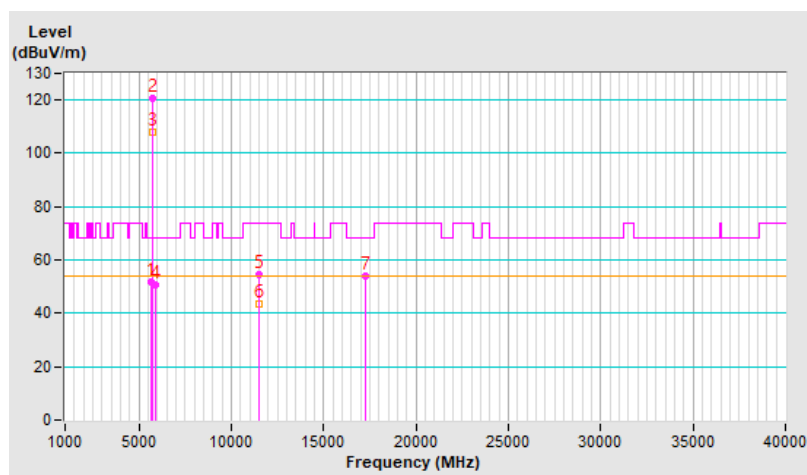


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5619.64	51.7 PK	68.2	-16.5	2.37 V	138	48.7	3.0
2	*5745.00	120.6 PK			2.37 V	138	117.1	3.5
3	*5745.00	107.9 AV			2.37 V	138	104.4	3.5
4	#5930.11	50.8 PK	68.2	-17.4	2.37 V	138	47.2	3.6
5	11490.00	54.4 PK	74.0	-19.6	1.66 V	231	41.8	12.6
6	11490.00	43.5 AV	54.0	-10.5	1.66 V	231	30.9	12.6
7	#17235.00	53.9 PK	68.2	-14.3	1.69 V	85	36.6	17.3

Remarks:

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

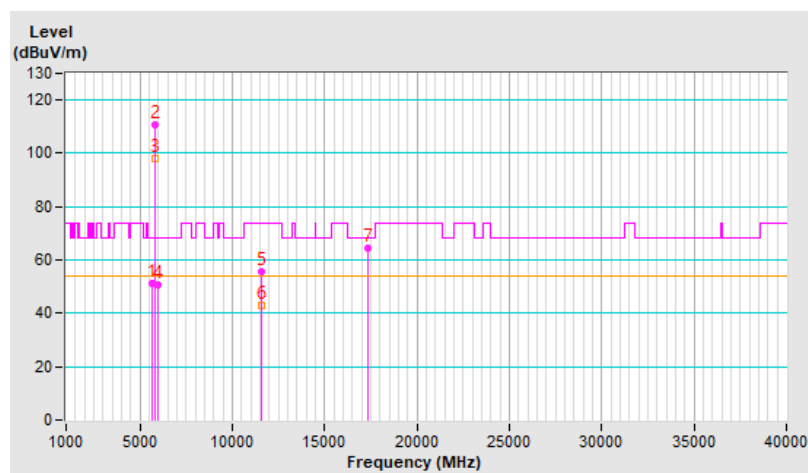


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5633.75	51.3 PK	68.2	-16.9	2.42 H	162	48.2	3.1
2	*5785.00	110.8 PK			2.42 H	162	107.3	3.5
3	*5785.00	97.9 AV			2.42 H	162	94.4	3.5
4	#5958.20	50.5 PK	68.2	-17.7	2.42 H	162	47.0	3.5
5	11570.00	55.5 PK	74.0	-18.5	2.25 H	219	43.0	12.5
6	11570.00	42.7 AV	54.0	-11.3	2.25 H	219	30.2	12.5
7	#17355.00	64.3 PK	68.2	-3.9	1.77 H	360	46.7	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.

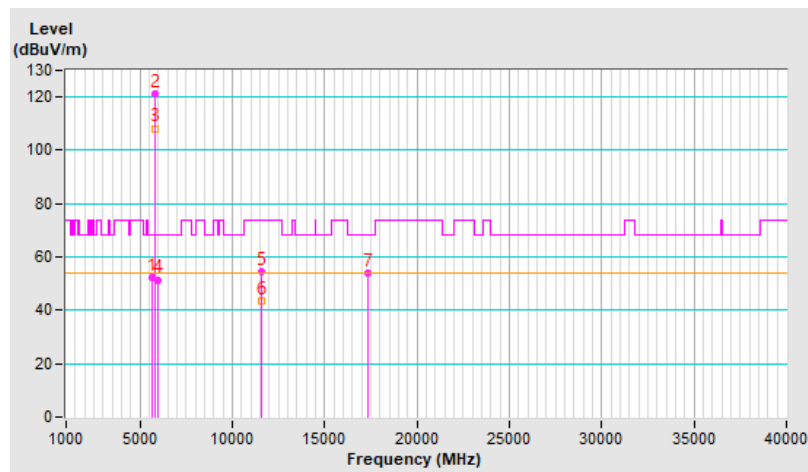


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5631.59	52.1 PK	68.2	-16.1	2.43 V	138	49.1	3.0
2	*5785.00	121.1 PK			2.43 V	138	117.6	3.5
3	*5785.00	108.2 AV			2.43 V	138	104.7	3.5
4	#5957.04	51.5 PK	68.2	-16.7	2.43 V	138	48.0	3.5
5	11570.00	54.4 PK	74.0	-19.6	1.60 V	223	41.9	12.5
6	11570.00	43.7 AV	54.0	-10.3	1.60 V	223	31.2	12.5
7	#17355.00	53.9 PK	68.2	-14.3	1.66 V	70	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.

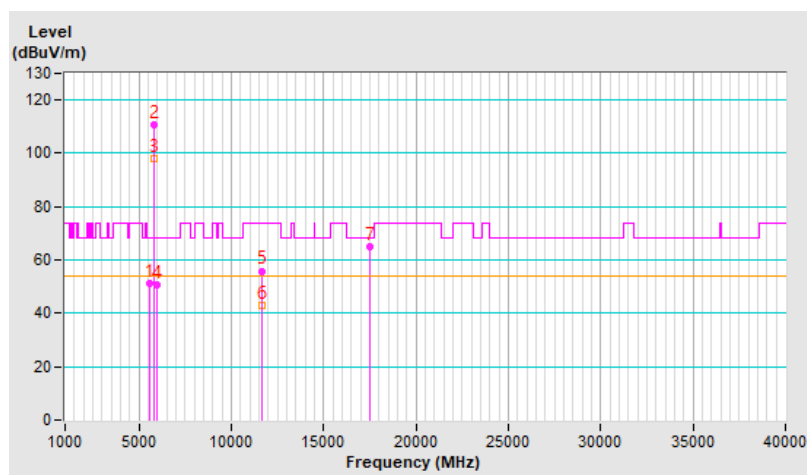


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5614.67	51.2 PK	68.2	-17.0	2.14 H	164	48.2	3.0
2	*5825.00	110.9 PK			2.14 H	164	107.2	3.7
3	*5825.00	97.8 AV			2.14 H	164	94.1	3.7
4	#5941.97	50.9 PK	68.2	-17.3	2.14 H	164	47.3	3.6
5	11650.00	55.9 PK	74.0	-18.1	2.27 H	216	43.8	12.1
6	11650.00	42.8 AV	54.0	-11.2	2.27 H	216	30.7	12.1
7	#17475.00	64.9 PK	68.2	-3.3	1.77 H	349	46.7	18.2

Remarks:

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

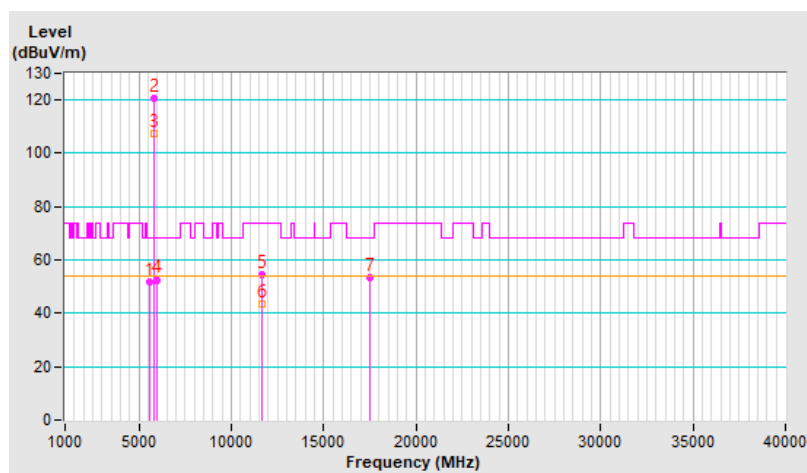


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 72% RH
Tested By	Louis Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5614.02	51.6 PK	68.2	-16.6	2.13 V	156	48.6	3.0
2	*5825.00	120.6 PK			2.13 V	156	116.9	3.7
3	*5825.00	107.5 AV			2.13 V	156	103.8	3.7
4	#5937.24	52.6 PK	68.2	-15.6	2.13 V	156	49.0	3.6
5	11650.00	54.5 PK	74.0	-19.5	1.62 V	219	42.4	12.1
6	11650.00	43.7 AV	54.0	-10.3	1.62 V	219	31.6	12.1
7	#17475.00	53.6 PK	68.2	-14.6	1.69 V	85	35.4	18.2

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.

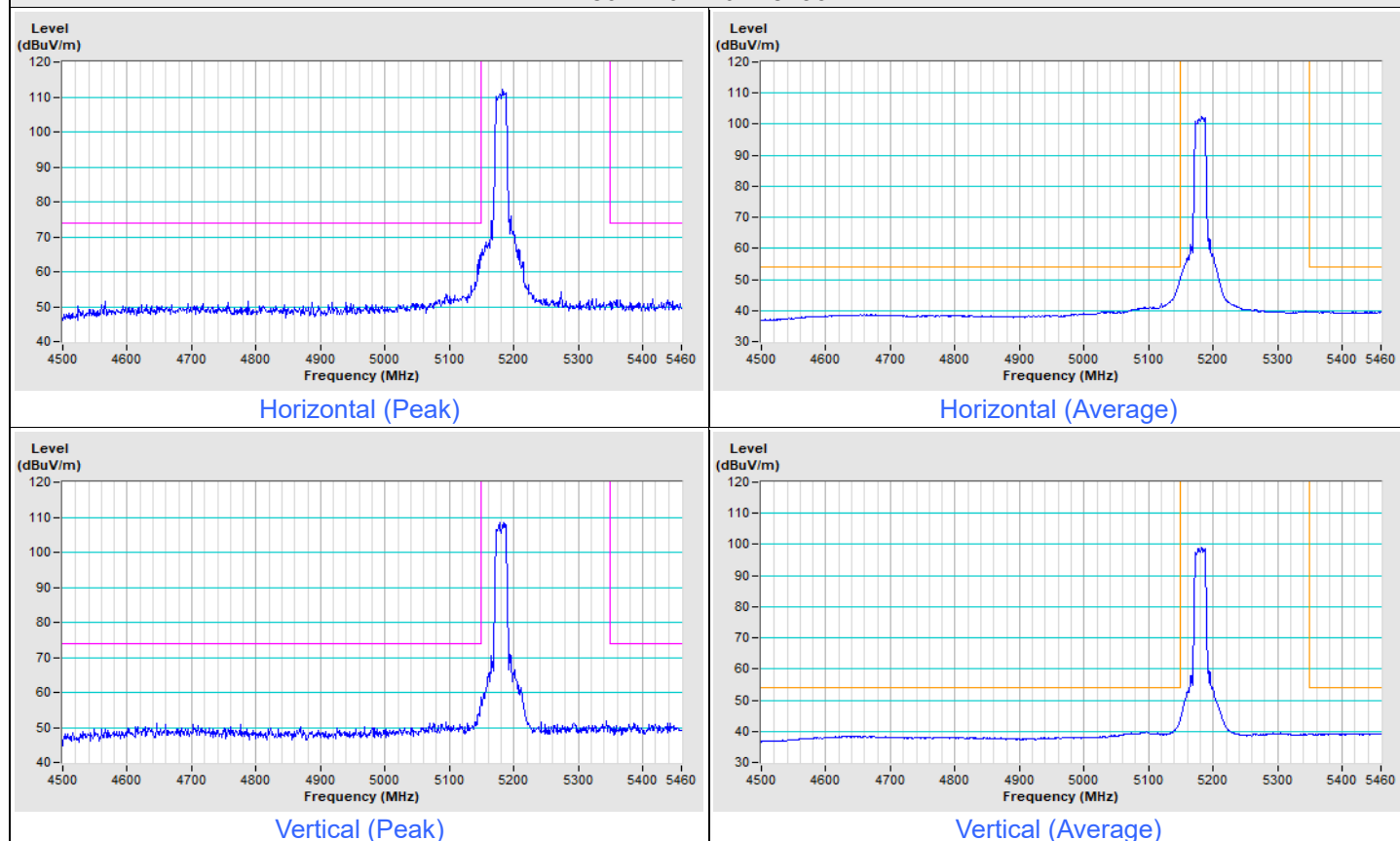


Plot of Band Edge

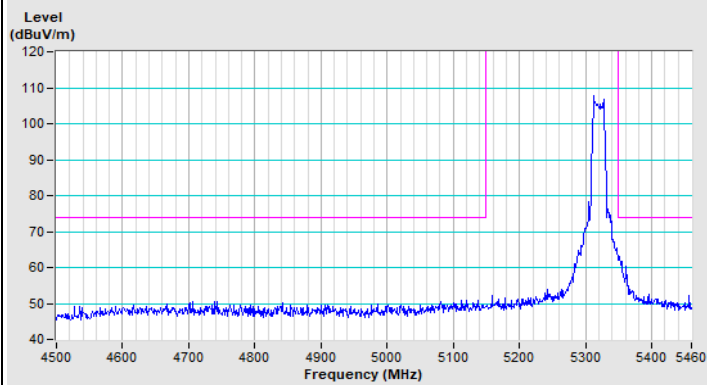
Mode B

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

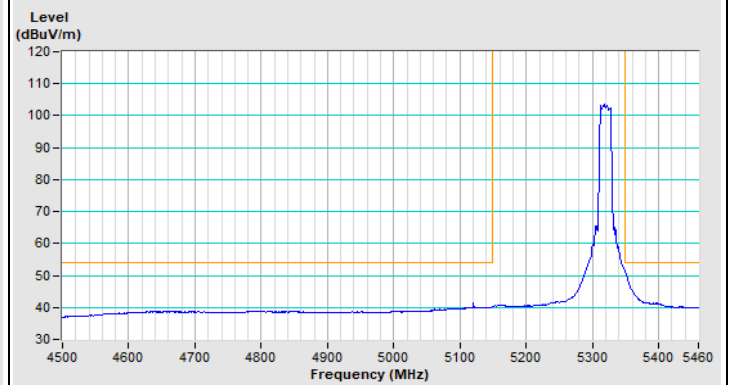
802.11a Channel 36



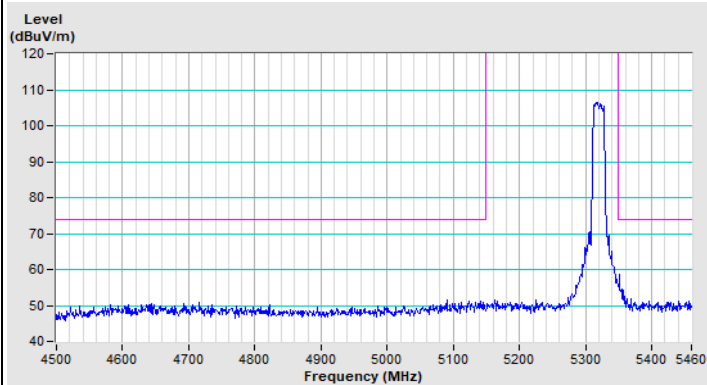
802.11a Channel 64



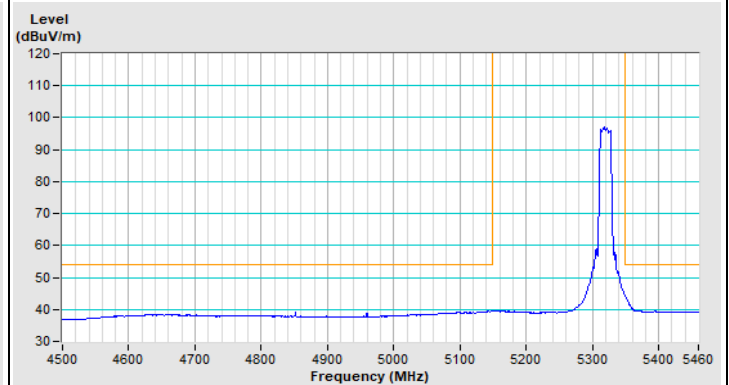
Horizontal (Peak)



Horizontal (Average)



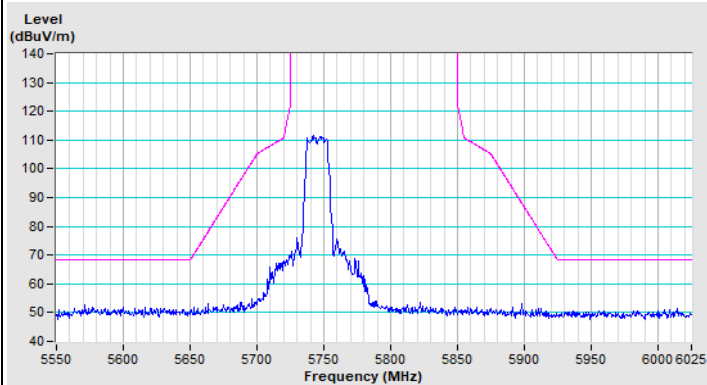
Vertical (Peak)



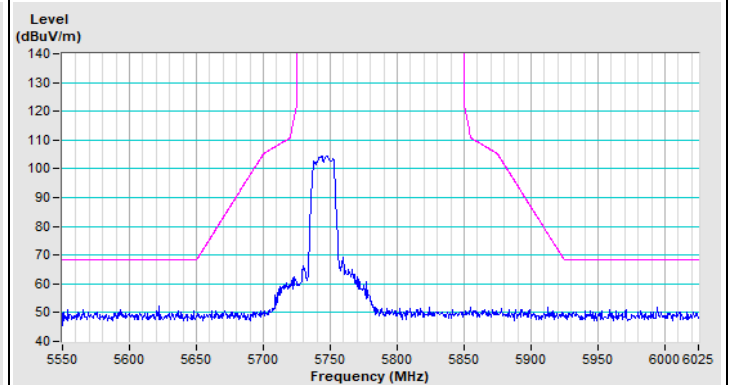
Vertical (Average)

Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

802.11a Channel 149

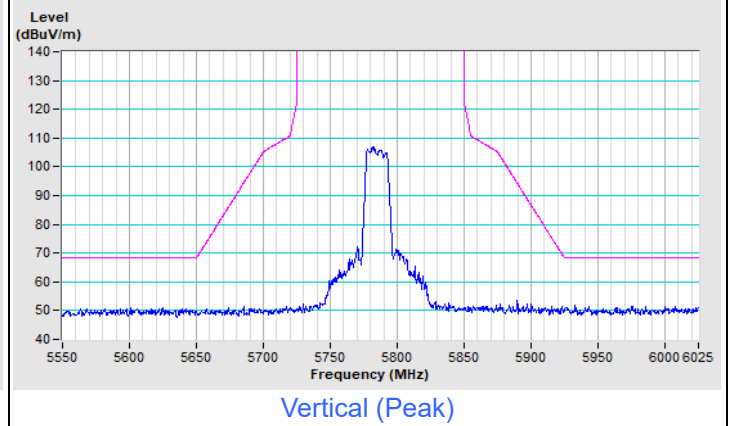
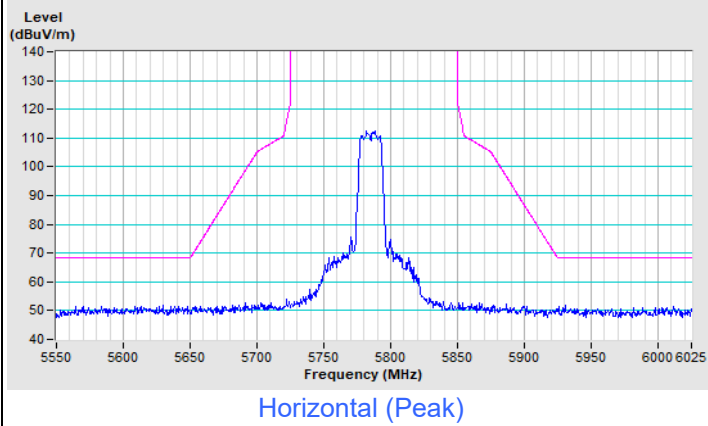


Horizontal (Peak)

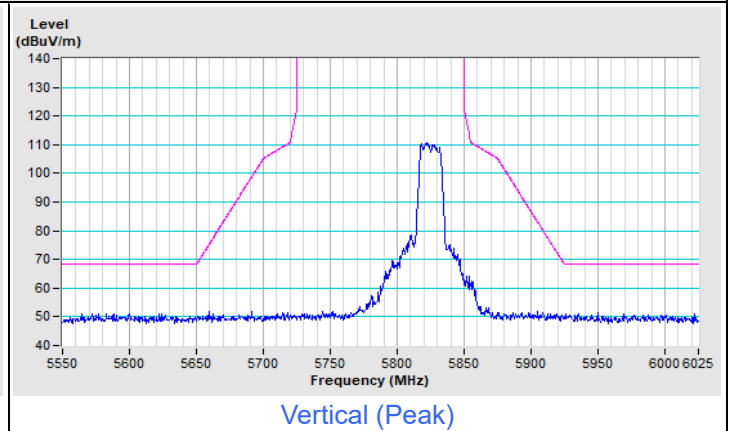
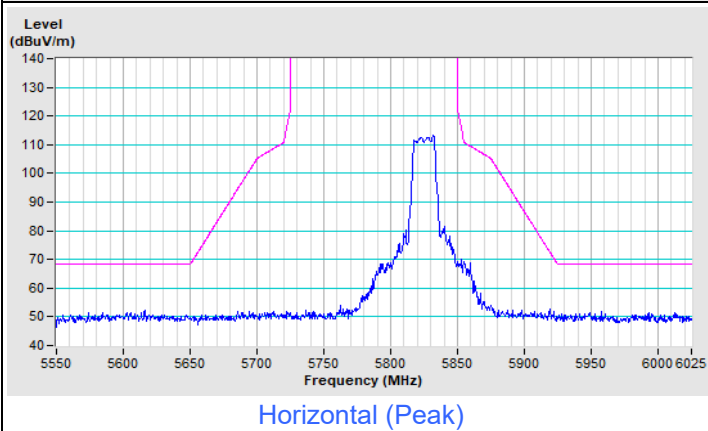


Vertical (Peak)

802.11a Channel 157

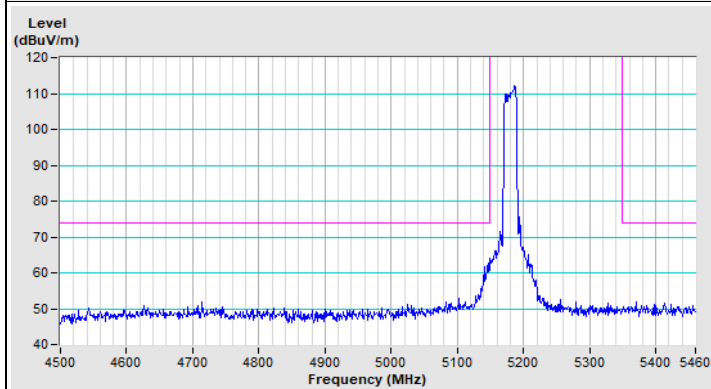


802.11a Channel 165

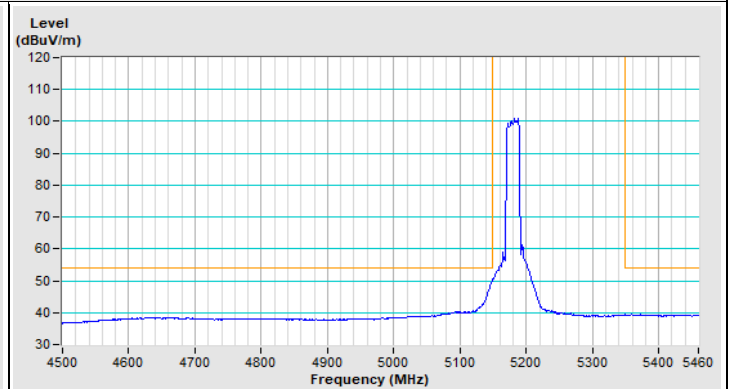


Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

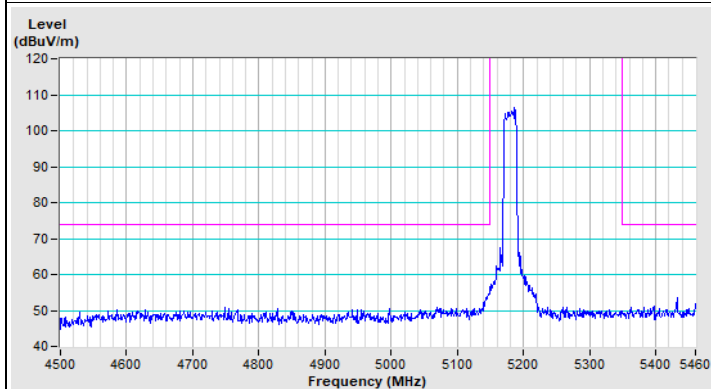
802.11ax (HE20) Channel 36



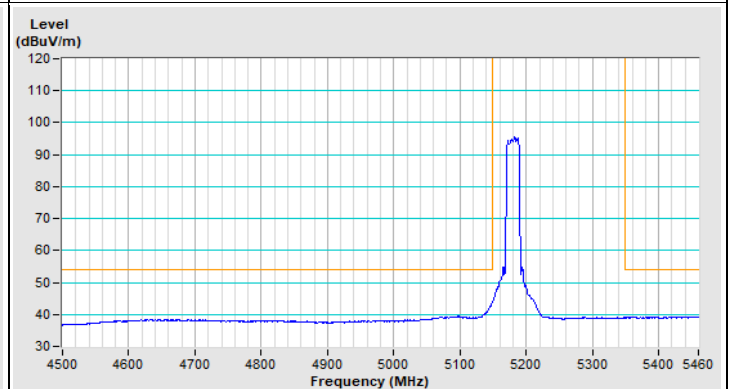
Horizontal (Peak)



Horizontal (Average)

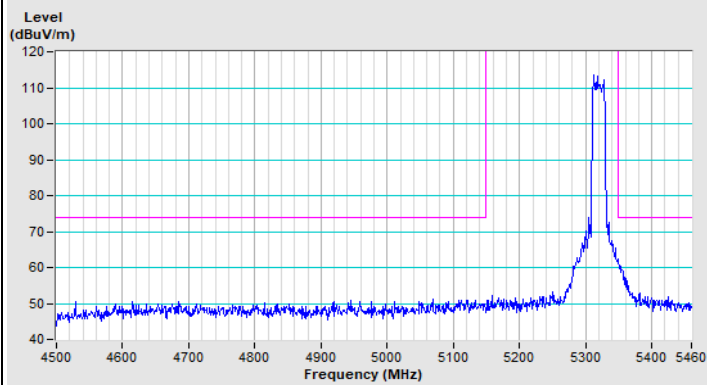


Vertical (Peak)

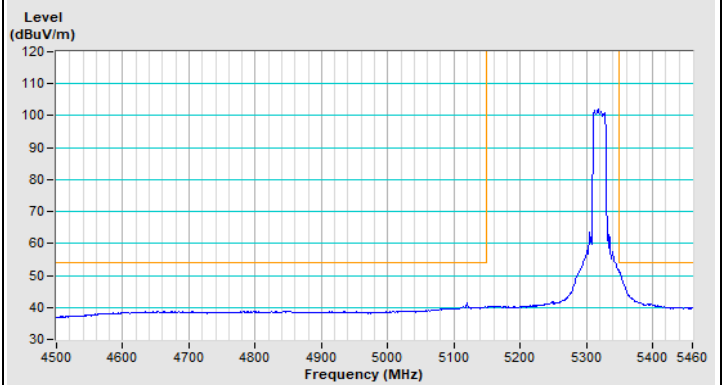


Vertical (Average)

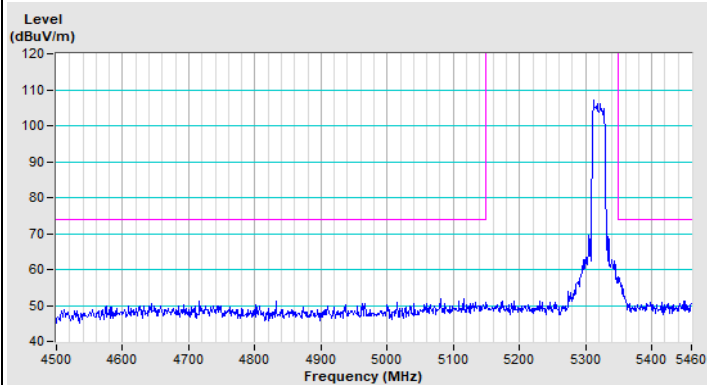
802.11ax (HE20) Channel 64



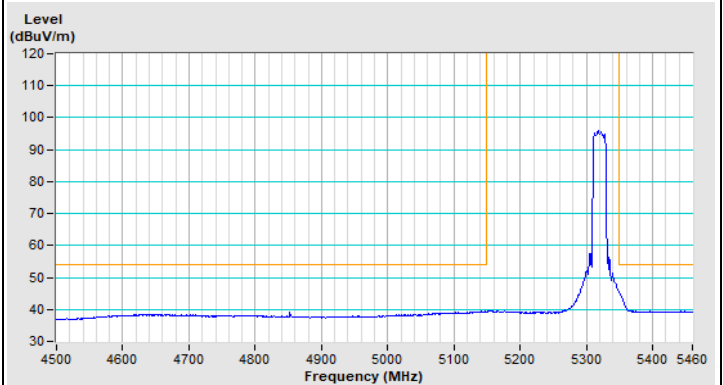
Horizontal (Peak)



Horizontal (Average)



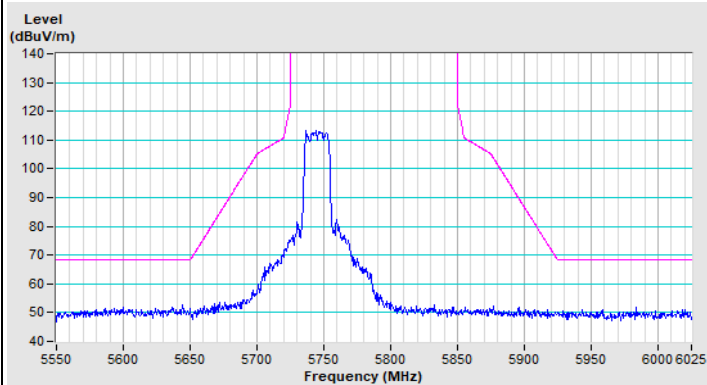
Vertical (Peak)



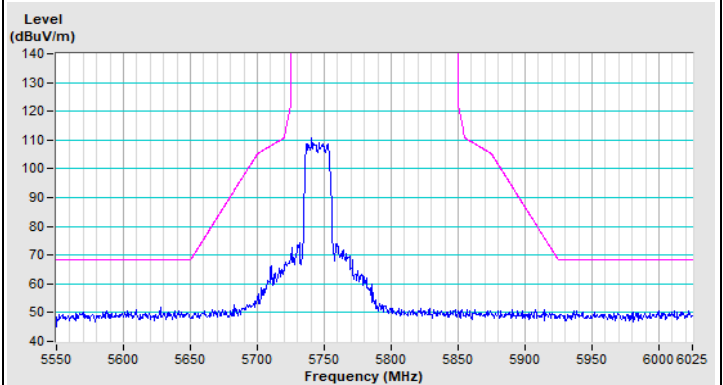
Vertical (Average)

Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

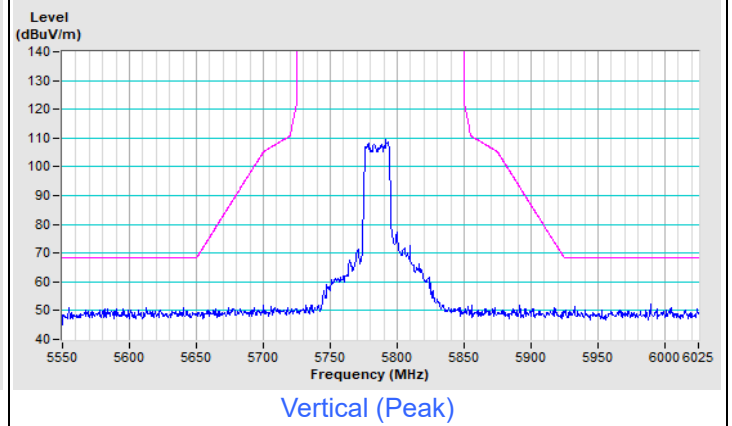
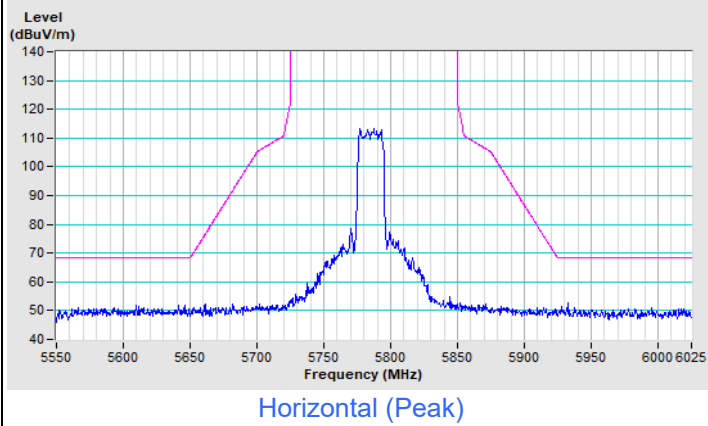
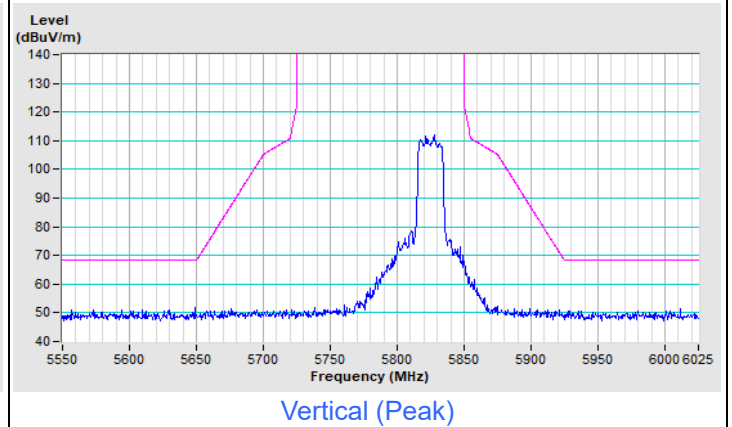
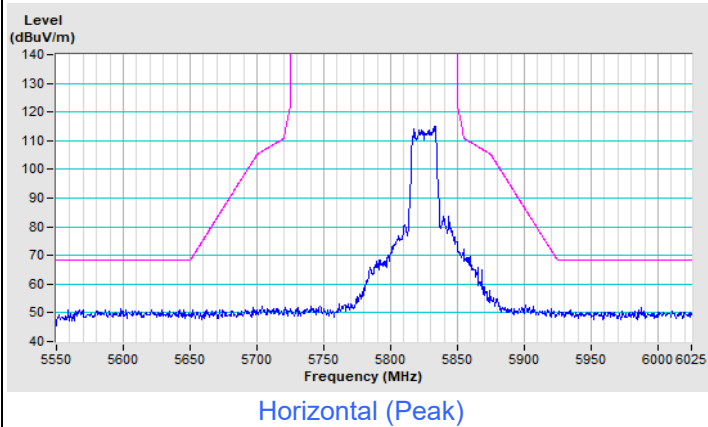
802.11ax (HE20) Channel 149



Horizontal (Peak)

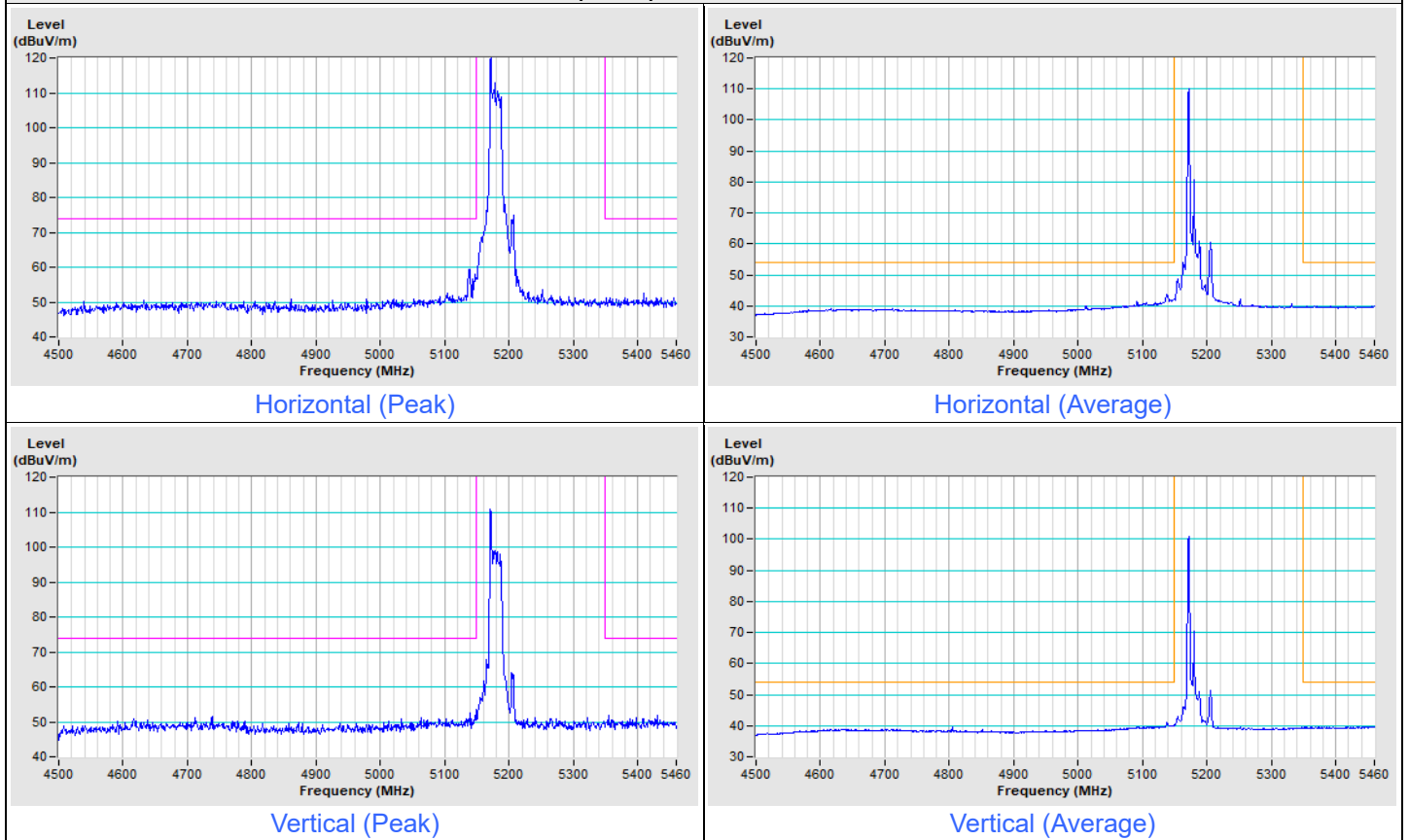


Vertical (Peak)

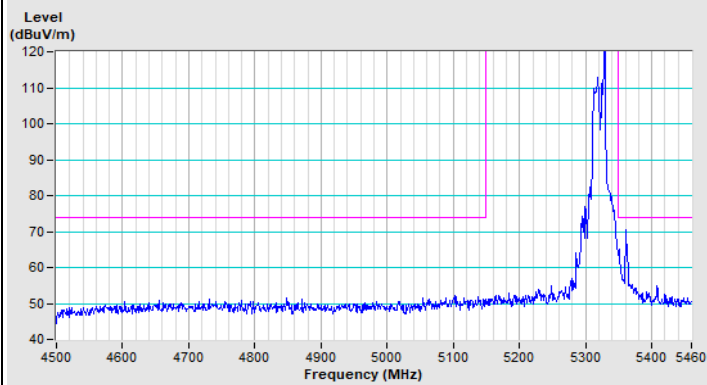
802.11ax (HE20) Channel 157**802.11ax (HE20) Channel 165**

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak

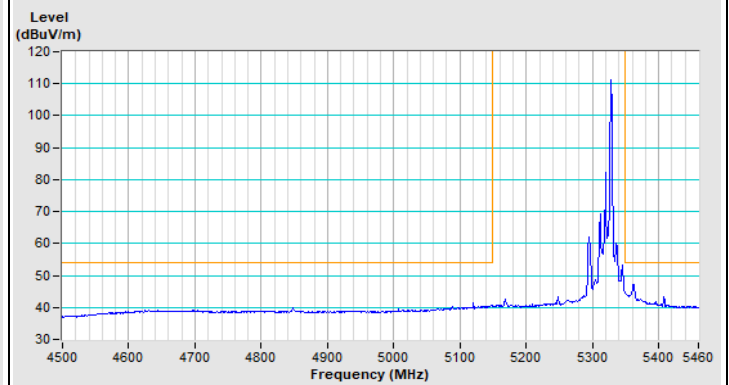
802.11ax (HE20) 26-tone RU Channel 36



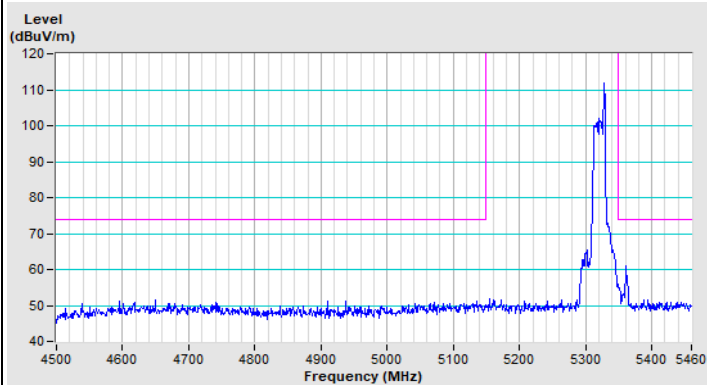
802.11ax (HE20) 26-tone RU Channel 64



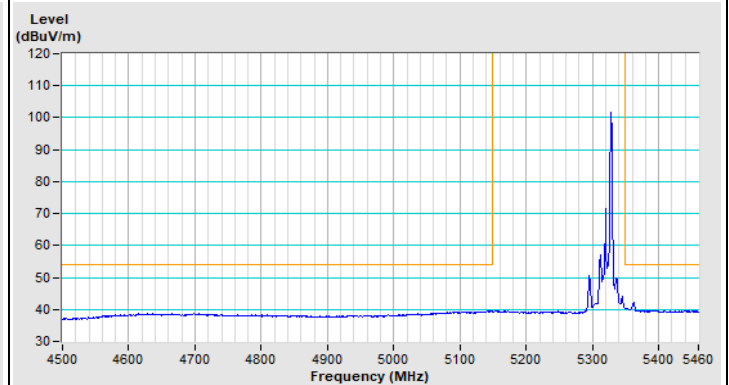
Horizontal (Peak)



Horizontal (Average)



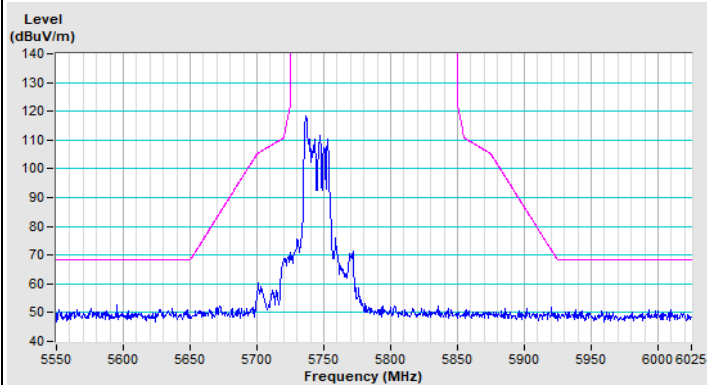
Vertical (Peak)



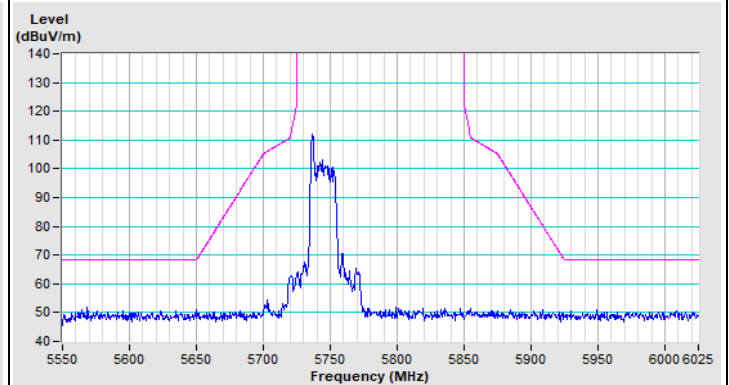
Vertical (Average)

Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

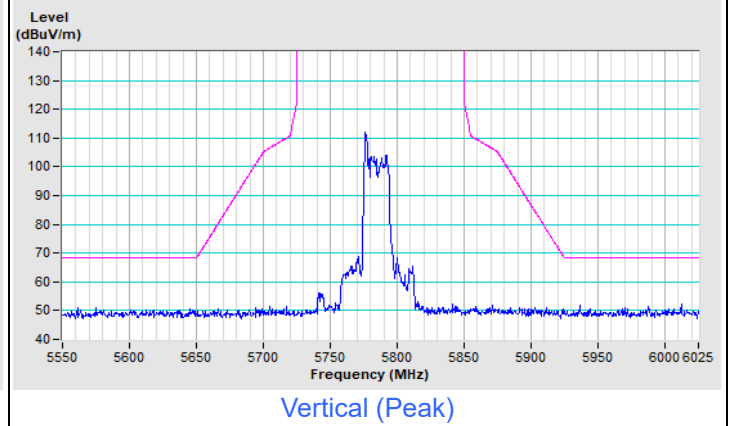
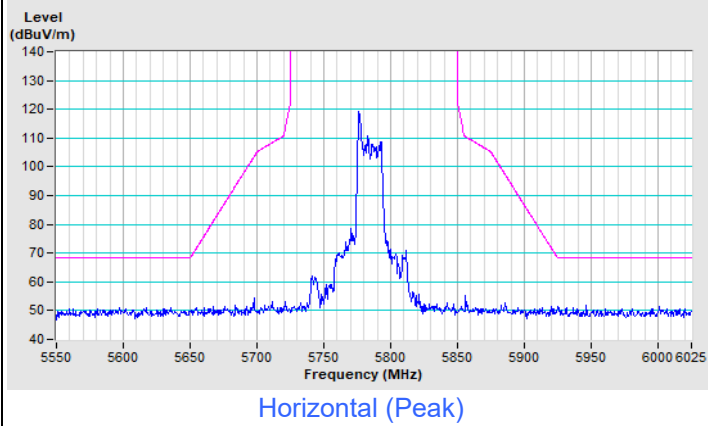
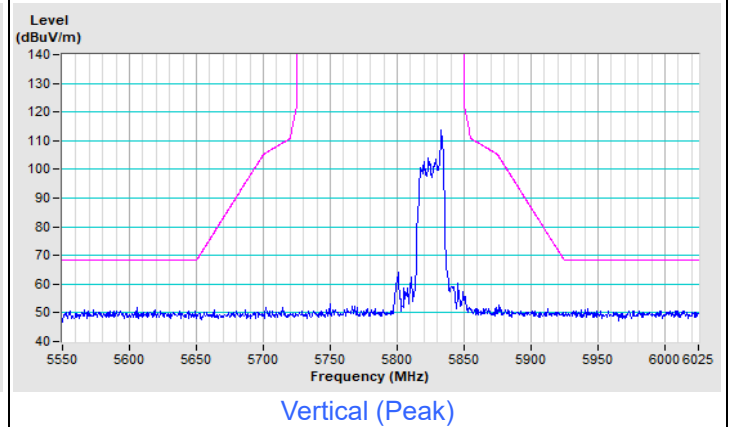
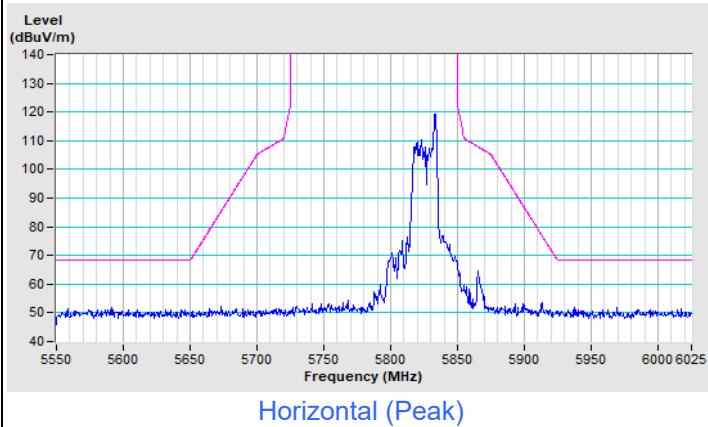
802.11ax (HE20) 26-tone RU Channel 149



Horizontal (Peak)

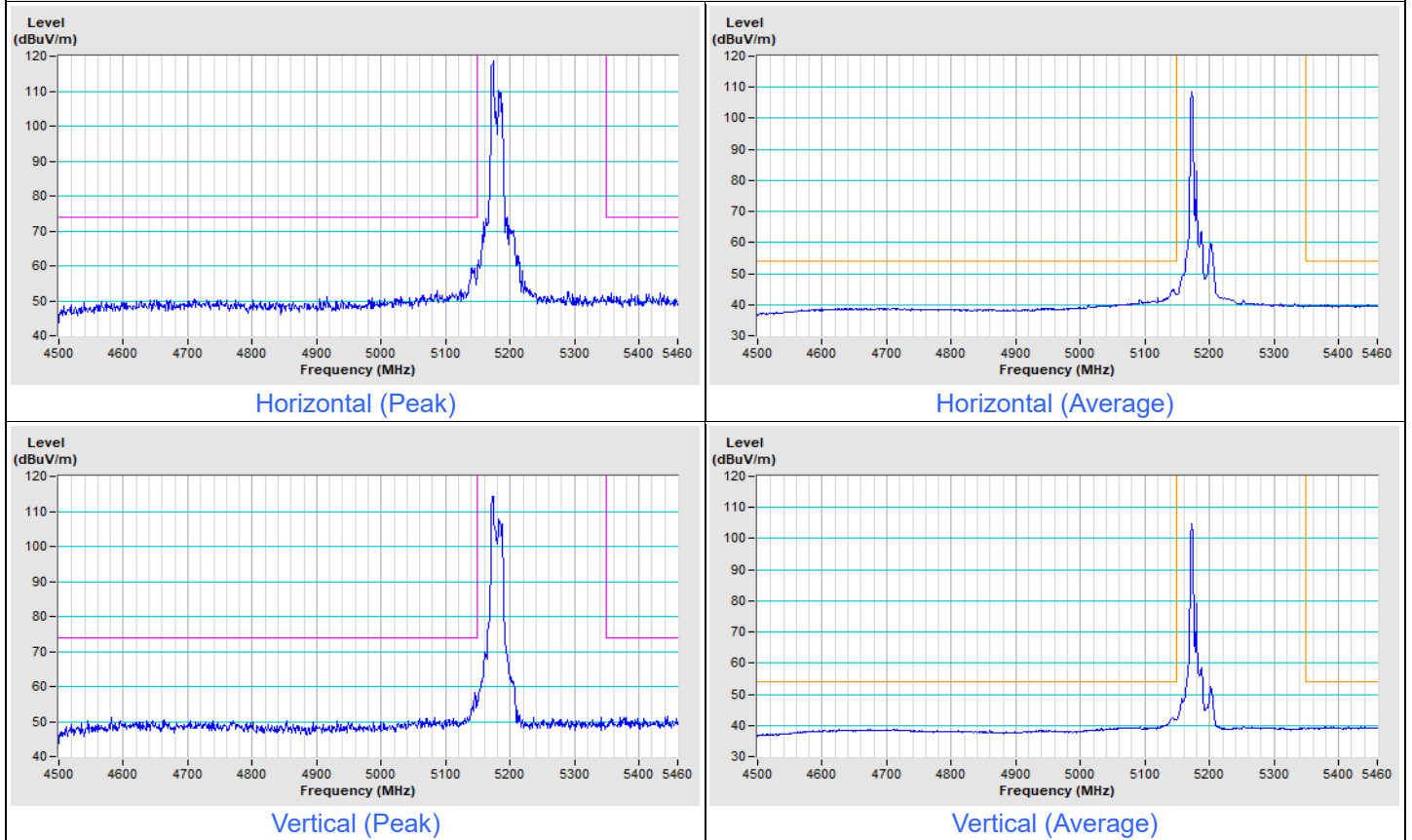


Vertical (Peak)

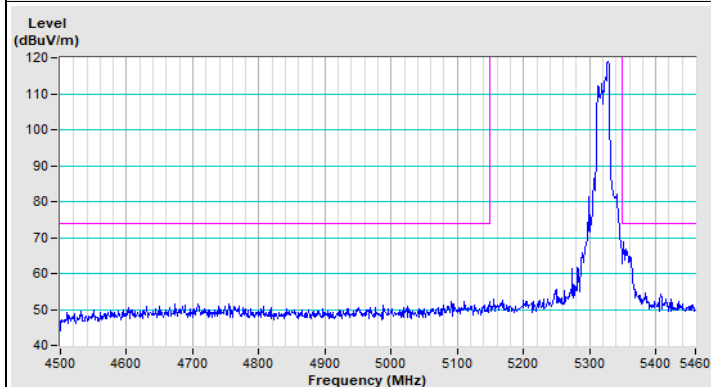
802.11ax (HE20) 26-tone RU Channel 157**802.11ax (HE20) 26-tone RU Channel 165**

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak

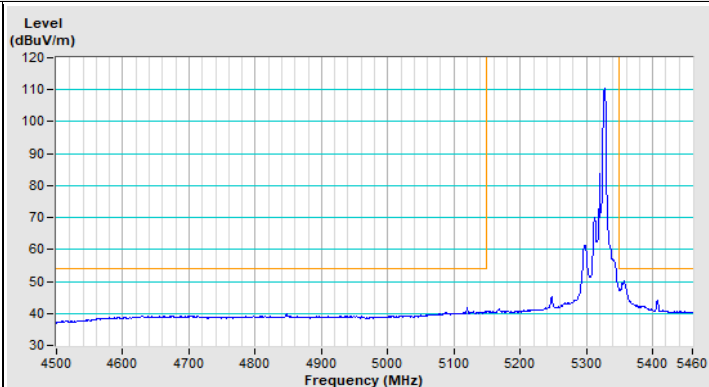
802.11ax (HE20) 52-tone RU Channel 36



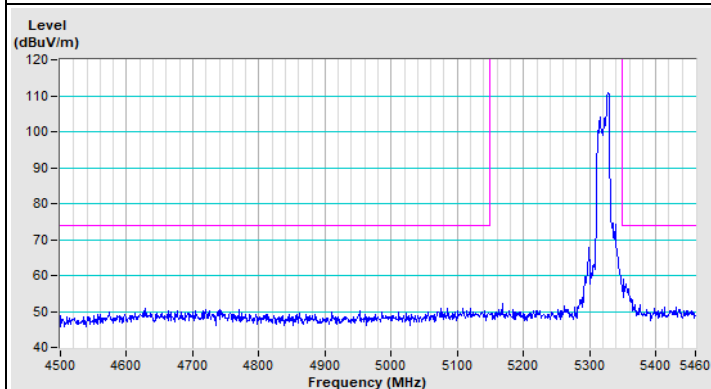
802.11ax (HE20) 52-tone RU Channel 64



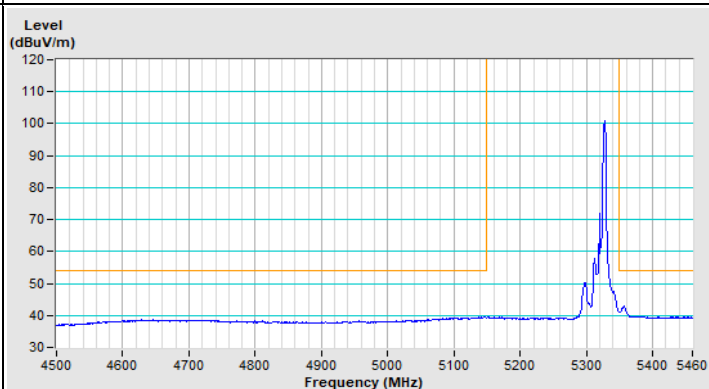
Horizontal (Peak)



Horizontal (Average)



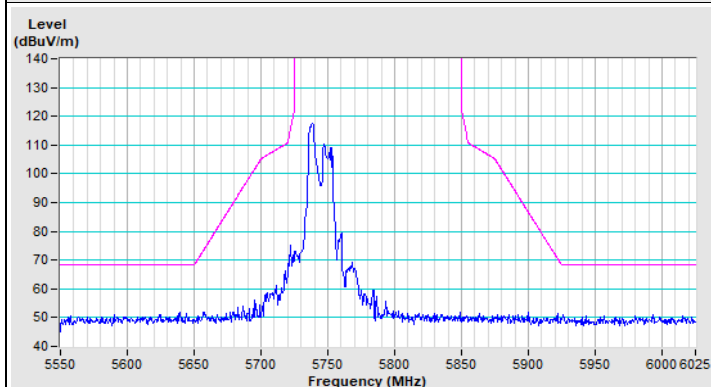
Vertical (Peak)



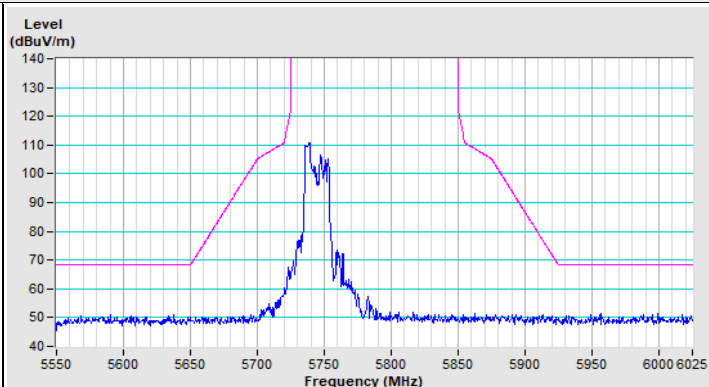
Vertical (Average)

Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

802.11ax (HE20) 52-tone RU Channel 149

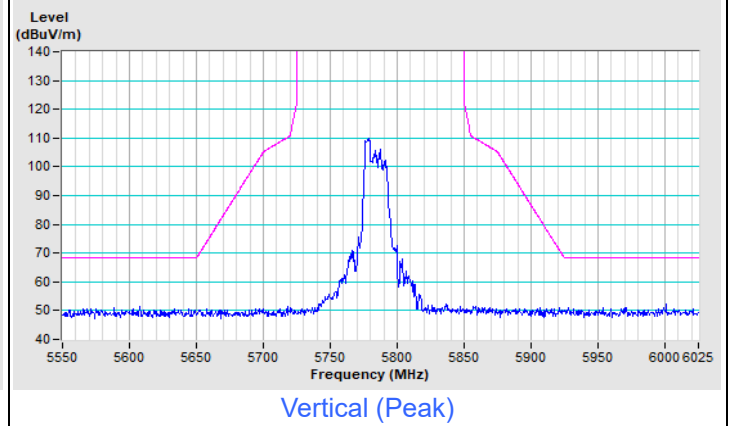
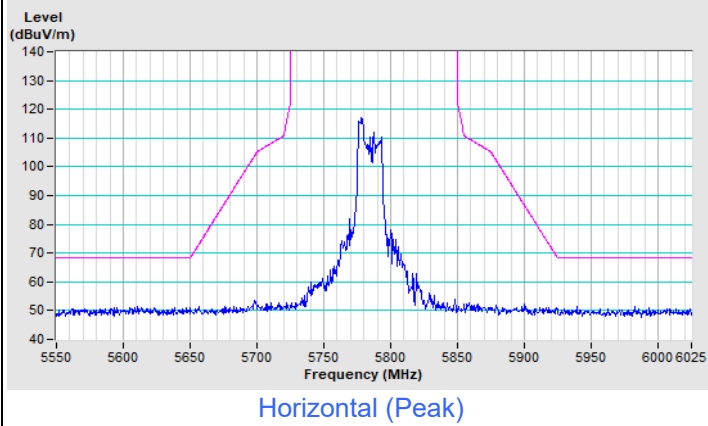


Horizontal (Peak)

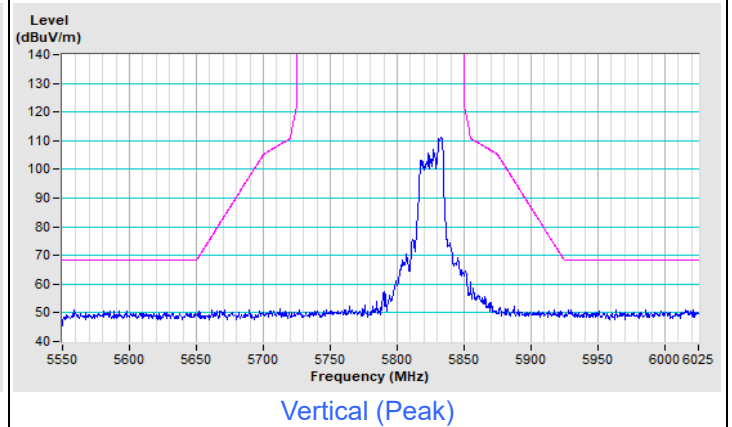
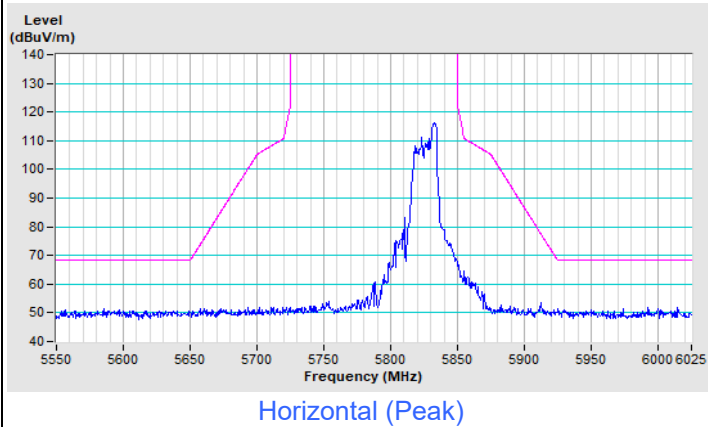


Vertical (Peak)

802.11ax (HE20) 52-tone RU Channel 157

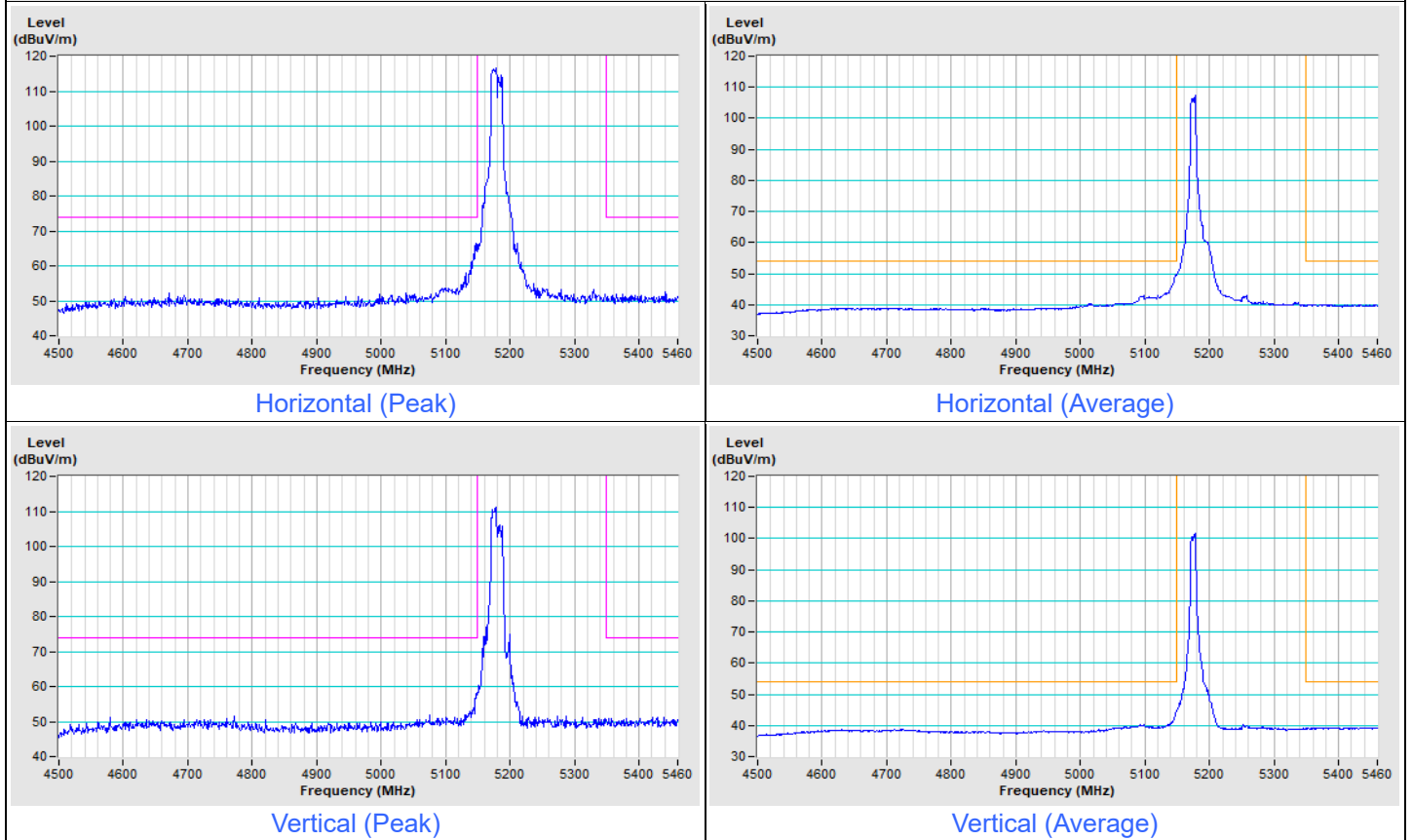


802.11ax (HE20) 52-tone RU Channel 165

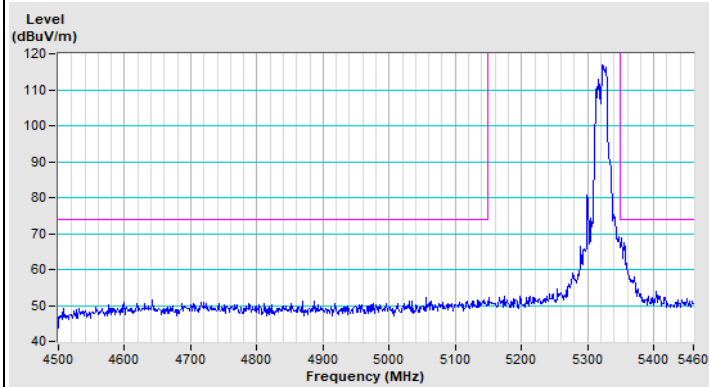


Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak

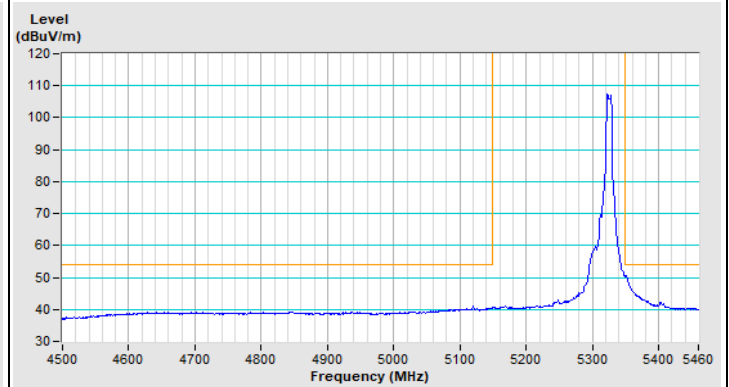
802.11ax (HE20) 106-tone RU Channel 36



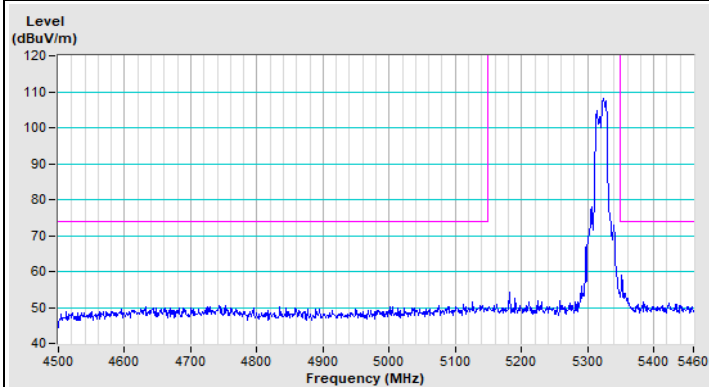
802.11ax (HE20) 106-tone RU Channel 64



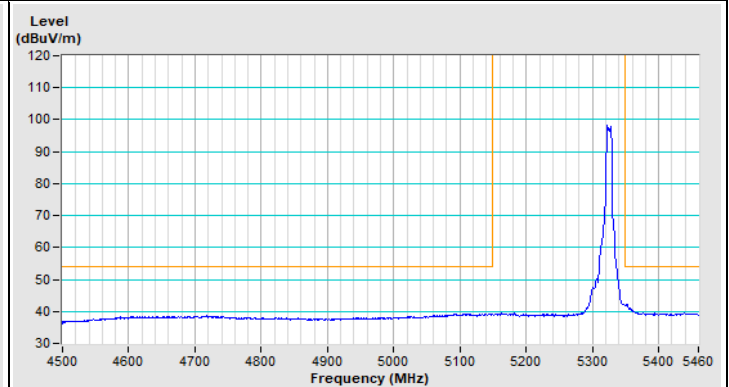
Horizontal (Peak)



Horizontal (Average)



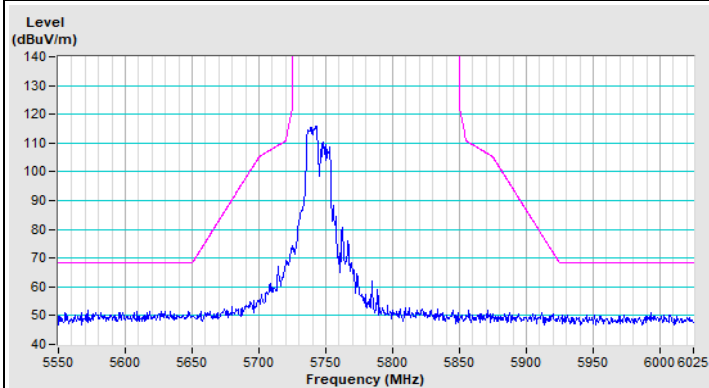
Vertical (Peak)



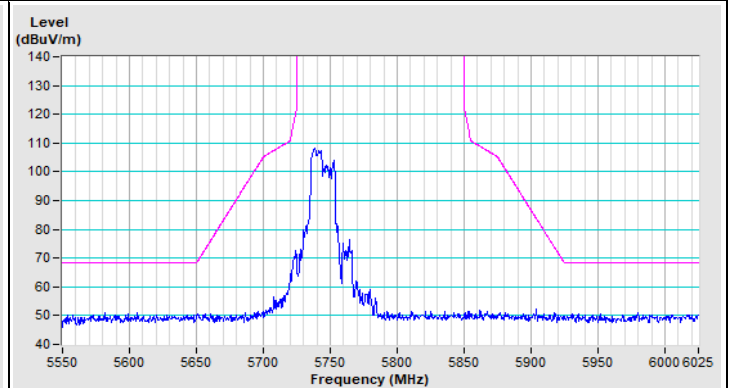
Vertical (Average)

Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

802.11ax (HE20) 106-tone RU Channel 149

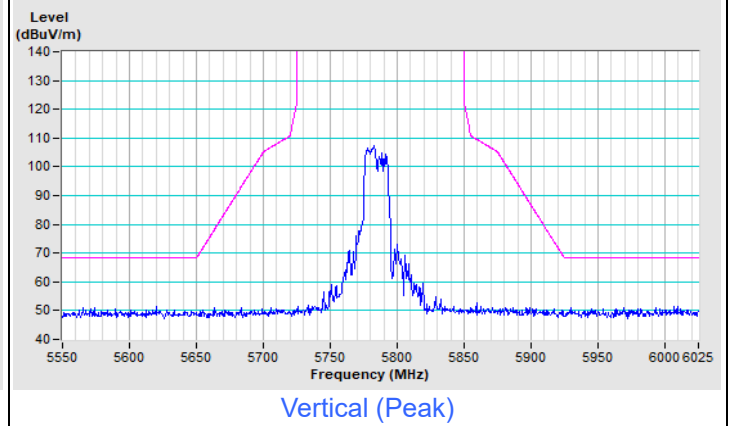
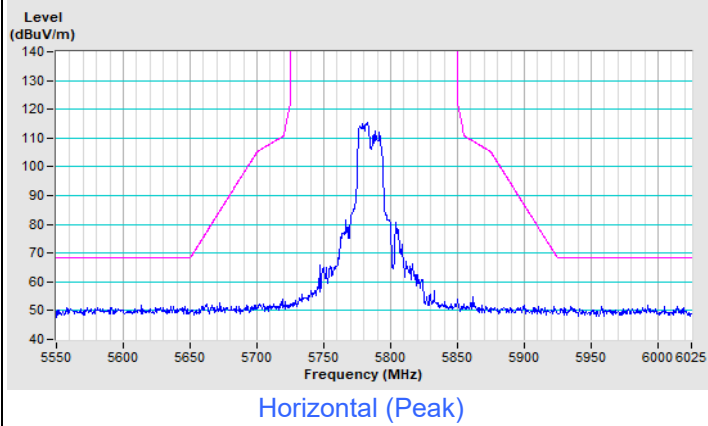


Horizontal (Peak)

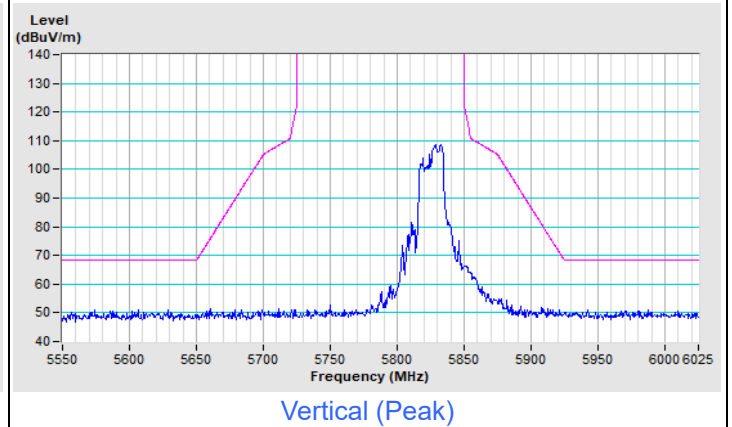
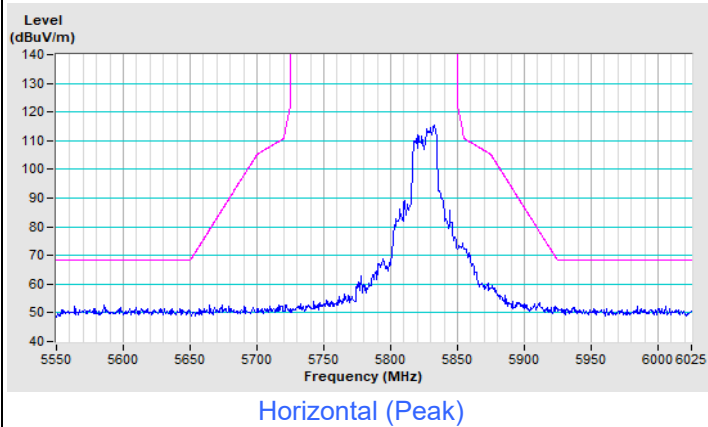


Vertical (Peak)

802.11ax (HE20) 106-tone RU Channel 157



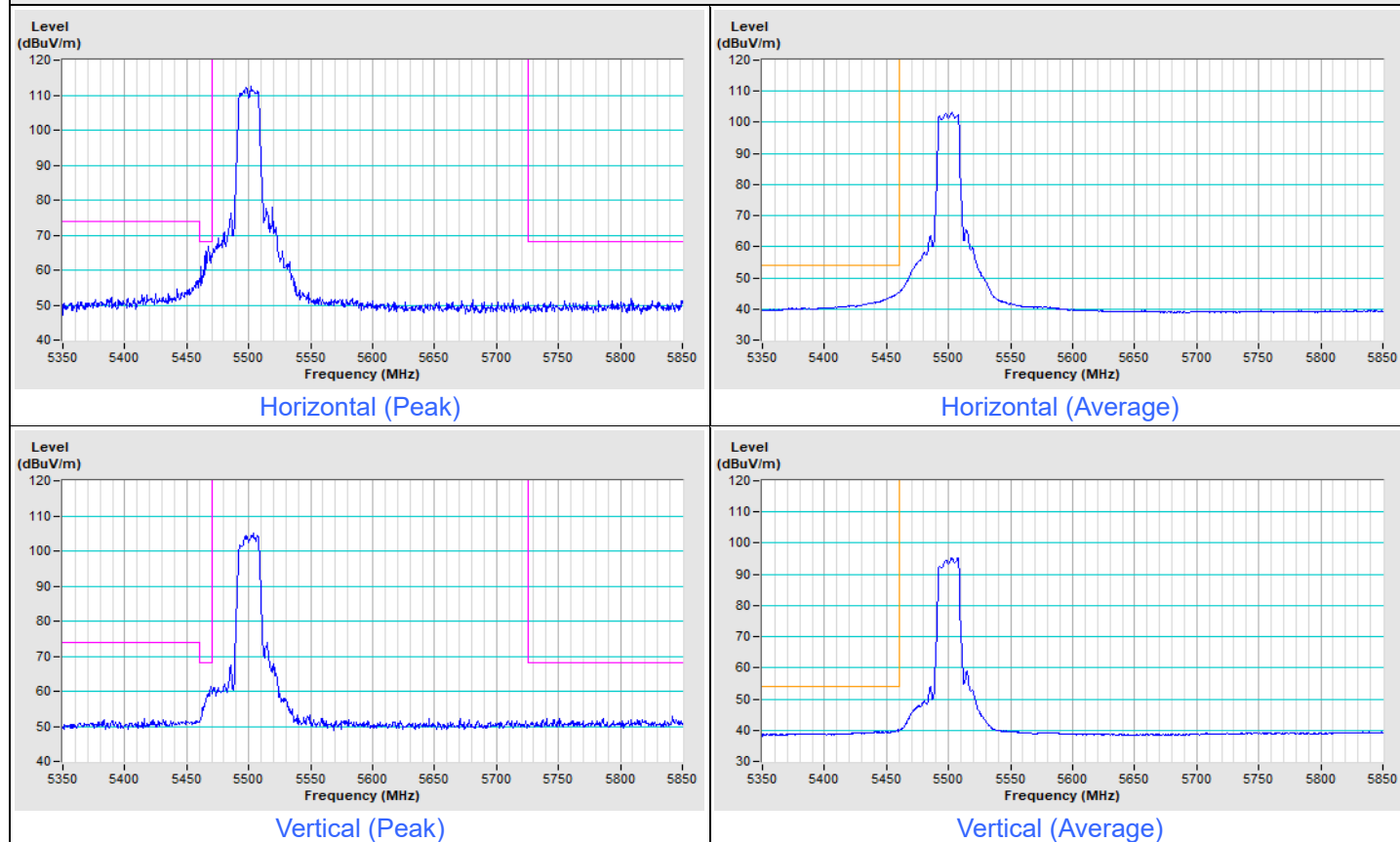
802.11ax (HE20) 106-tone RU Channel 165



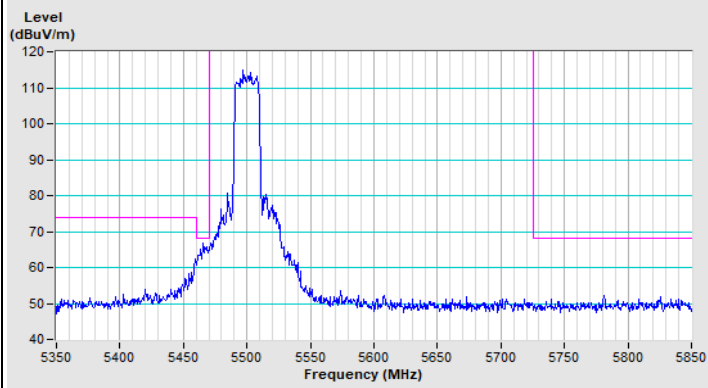
Mode A

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

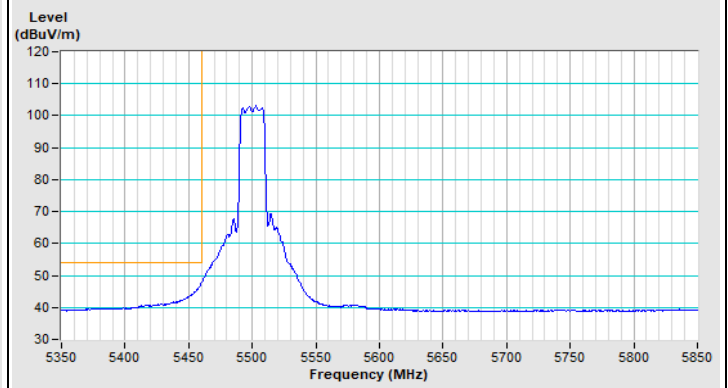
802.11a Channel 100



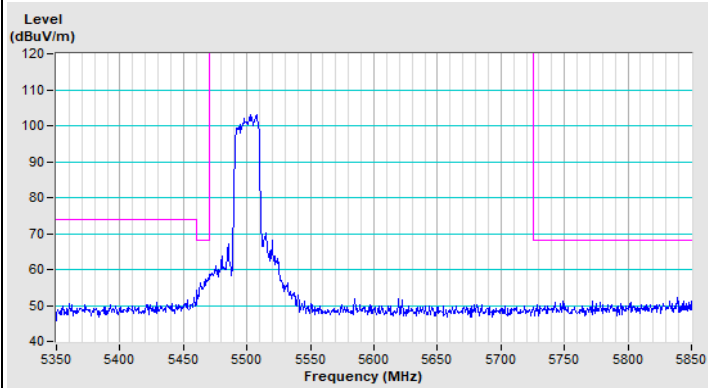
802.11ax (HE20) Channel 100



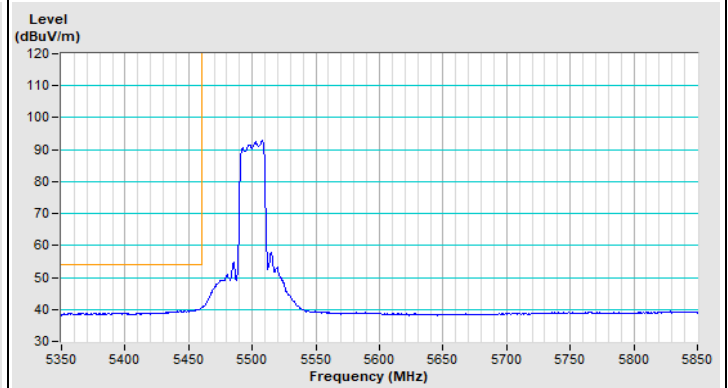
Horizontal (Peak)



Horizontal (Average)

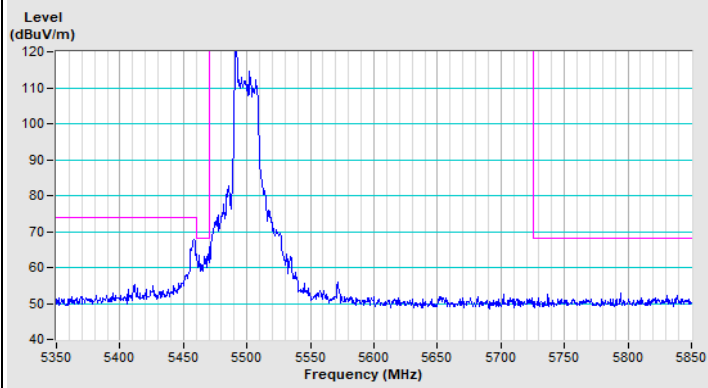


Vertical (Peak)

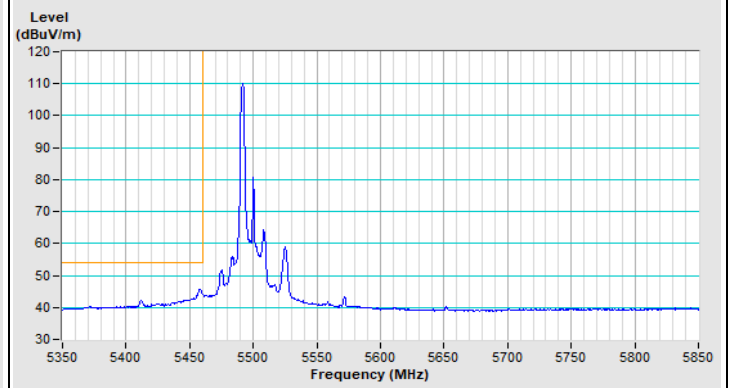


Vertical (Average)

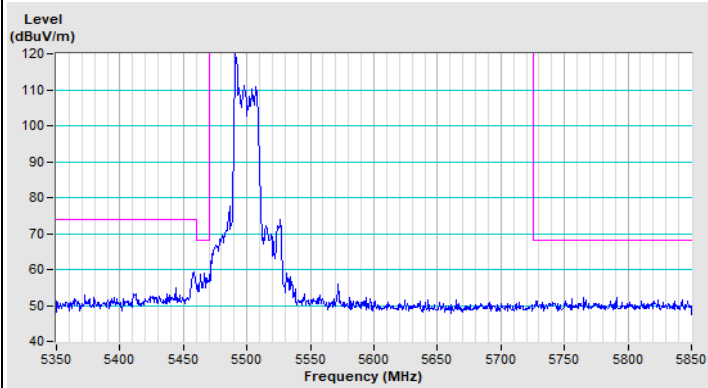
802.11ax (HE20) 26-tone RU Channel 100



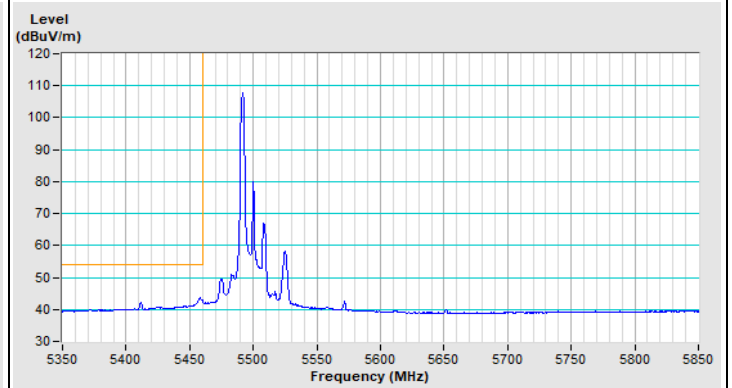
Horizontal (Peak)



Horizontal (Average)

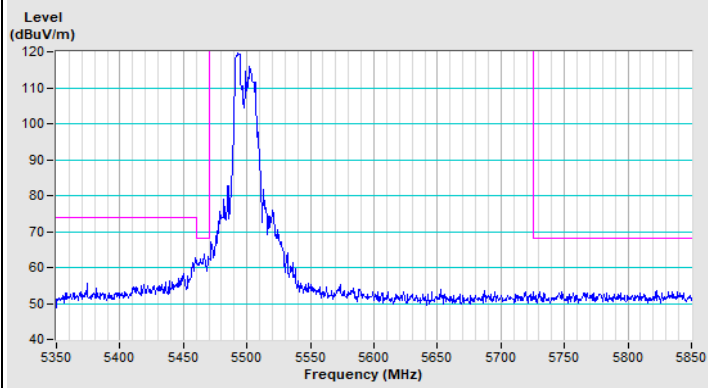


Vertical (Peak)

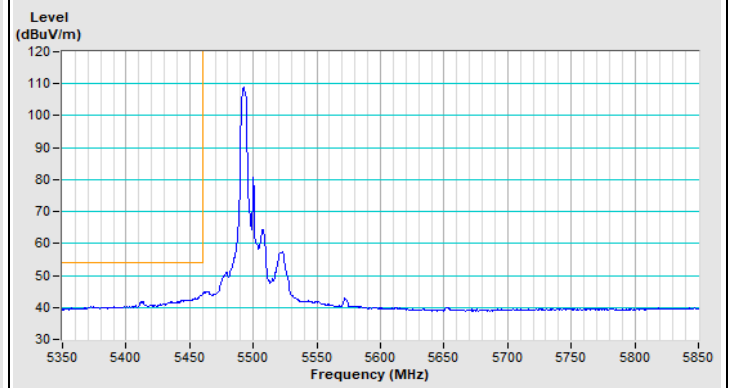


Vertical (Average)

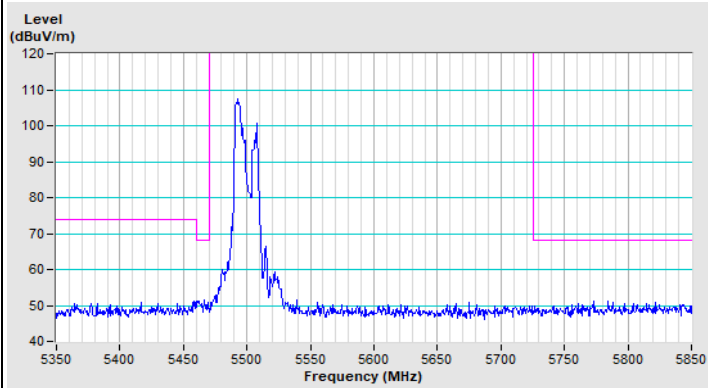
802.11ax (HE20) 52-tone RU Channel 100



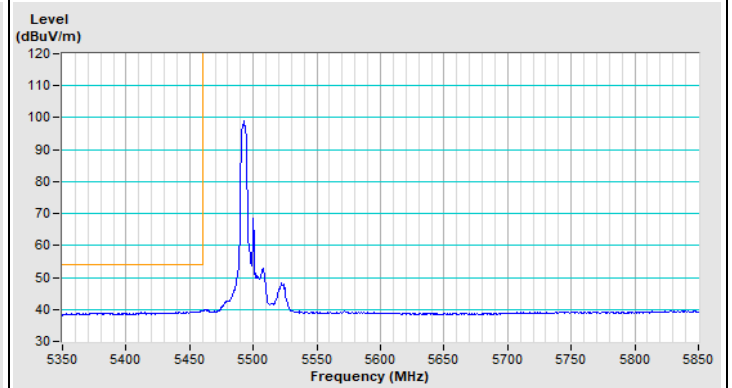
Horizontal (Peak)



Horizontal (Average)

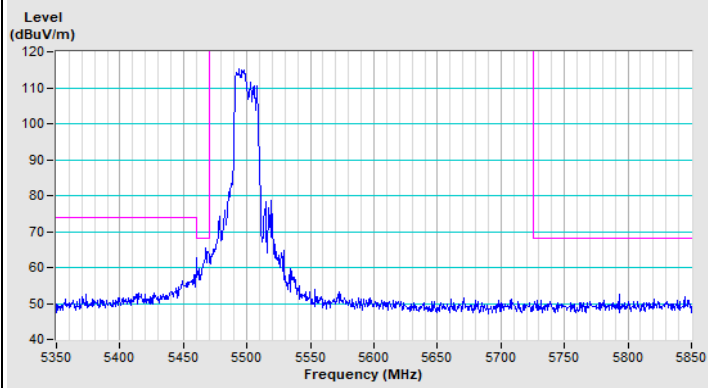


Vertical (Peak)

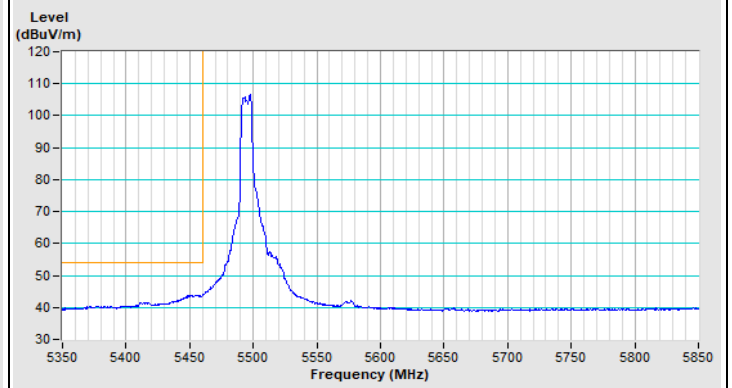


Vertical (Average)

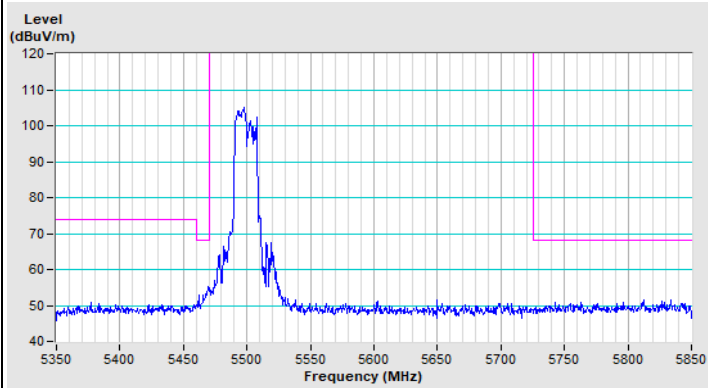
802.11ax (HE20) 106-tone RU Channel 100



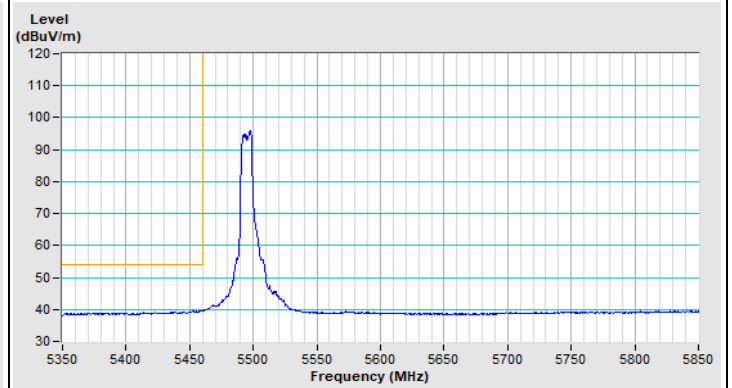
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)

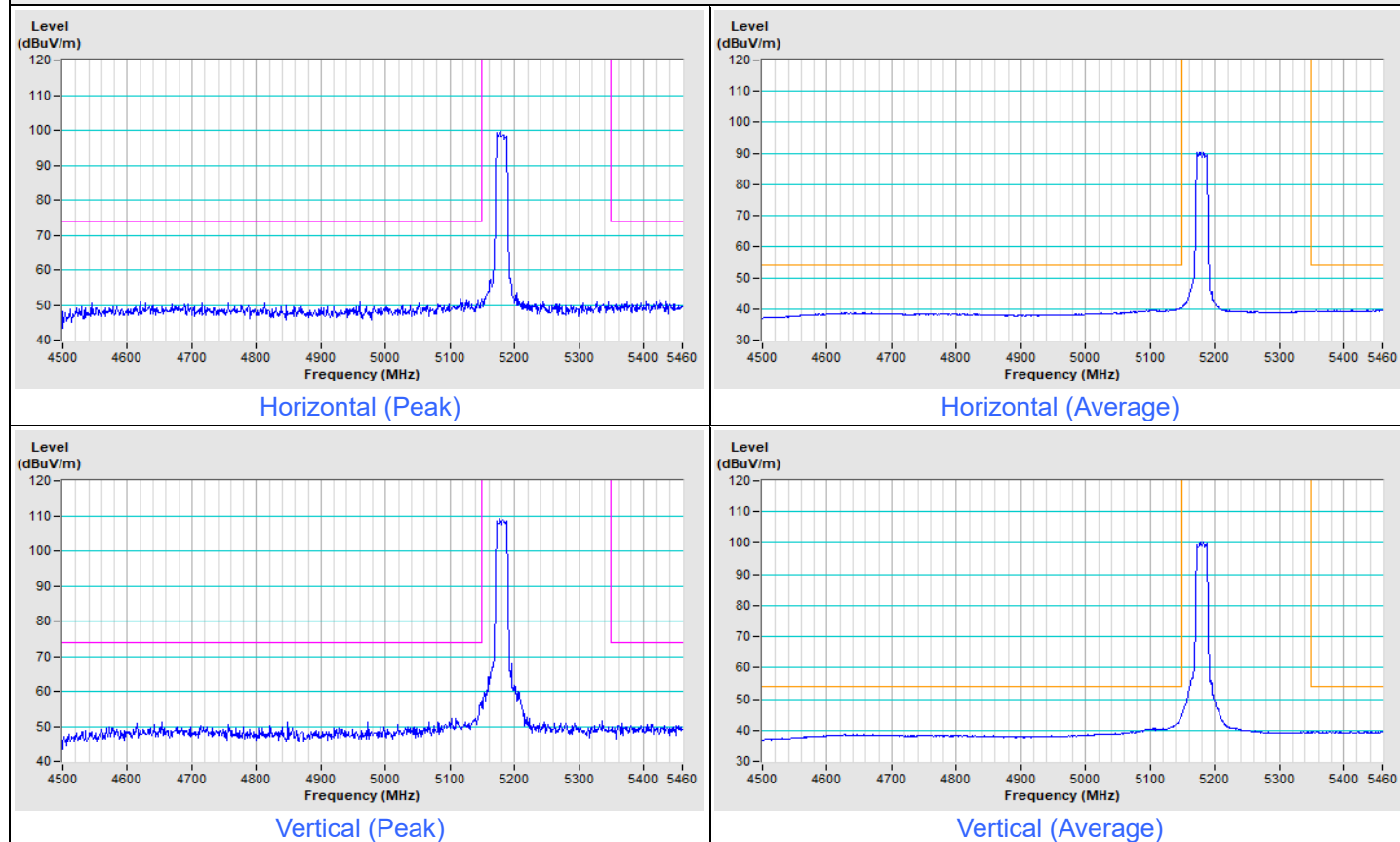


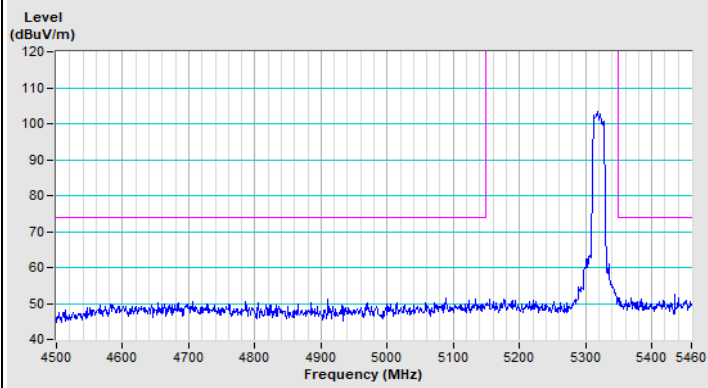
Vertical (Average)

Mode C

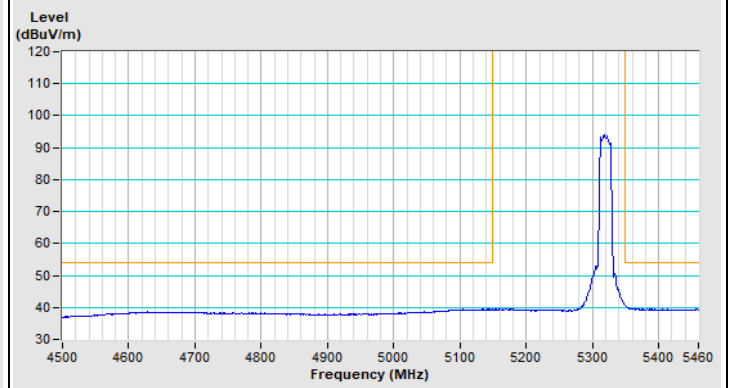
Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

802.11a Channel 36

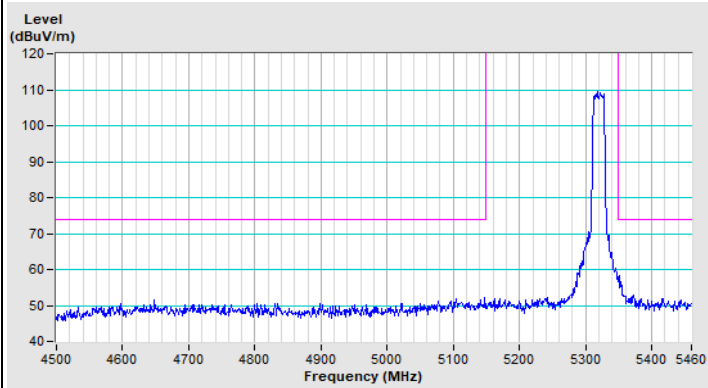


802.11a Channel 64

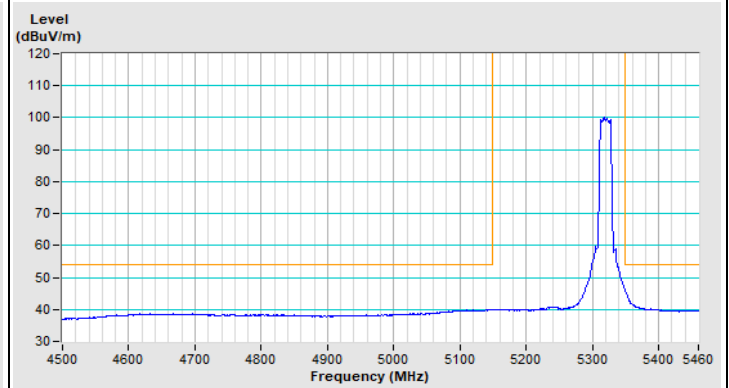
Horizontal (Peak)



Horizontal (Average)



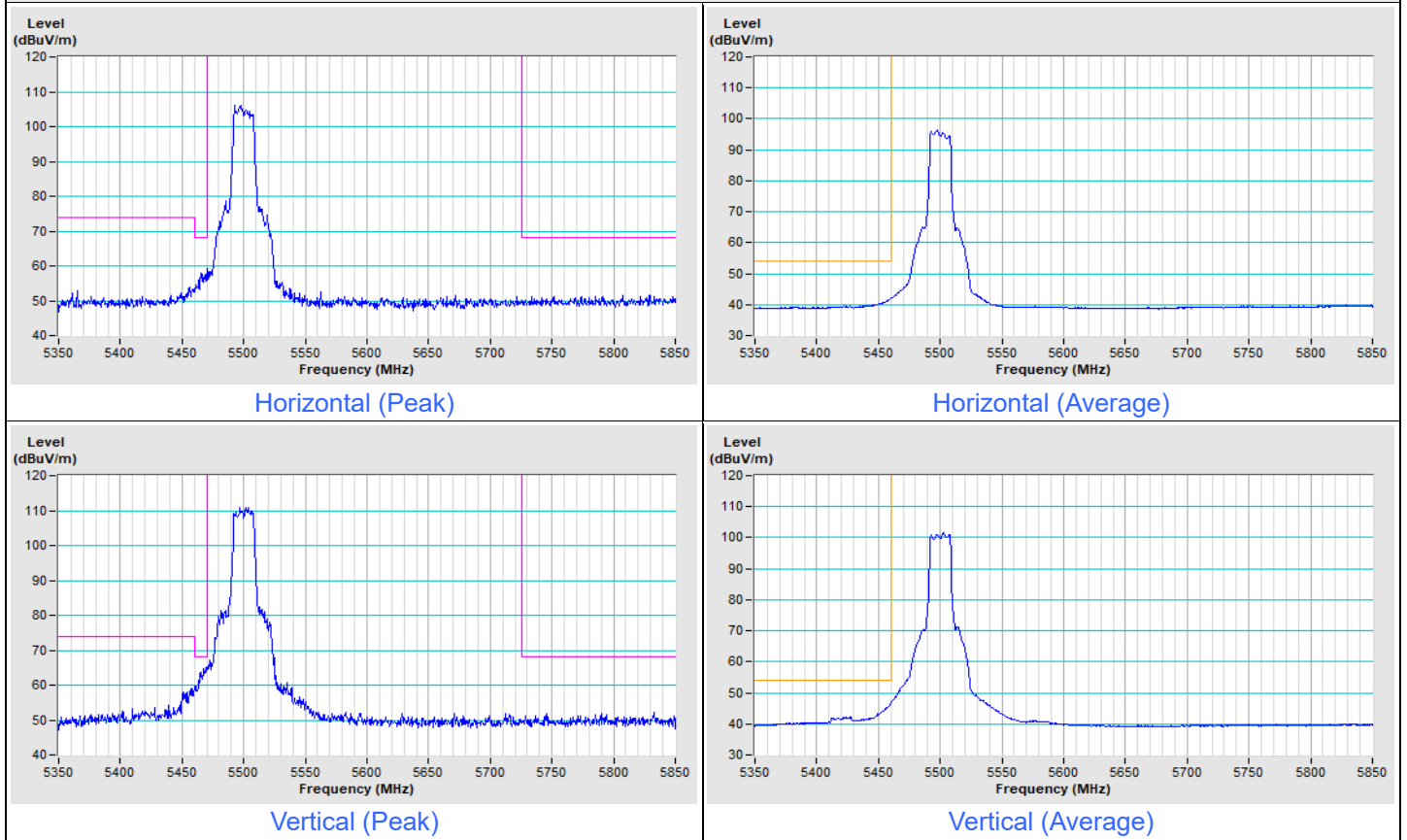
Vertical (Peak)



Vertical (Average)

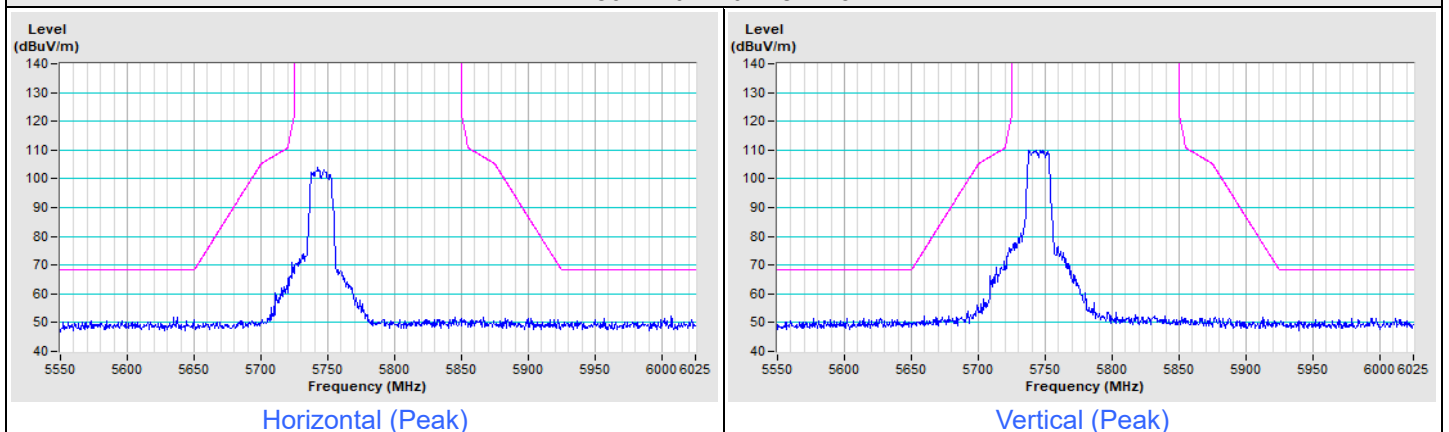
Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

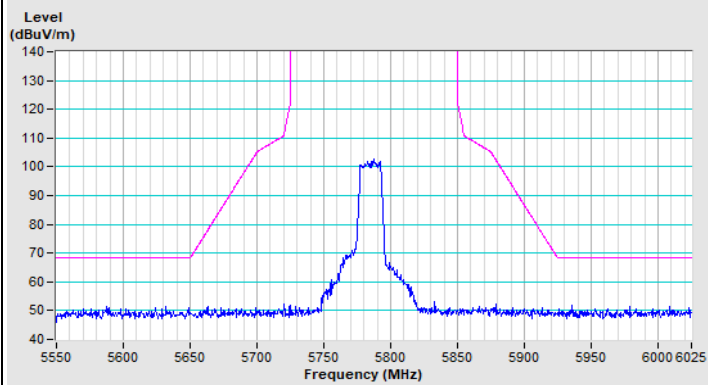
802.11a Channel 100



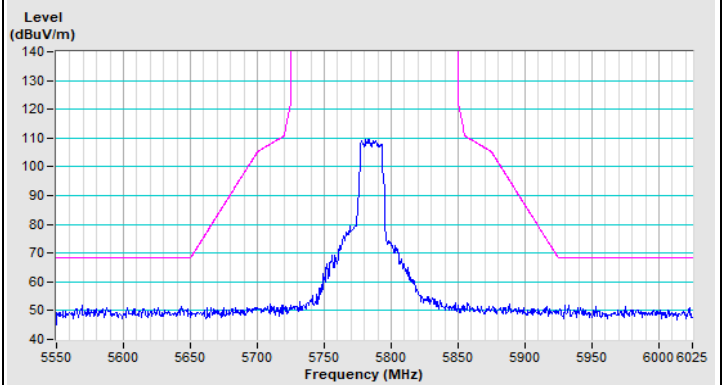
Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

802.11a Channel 149

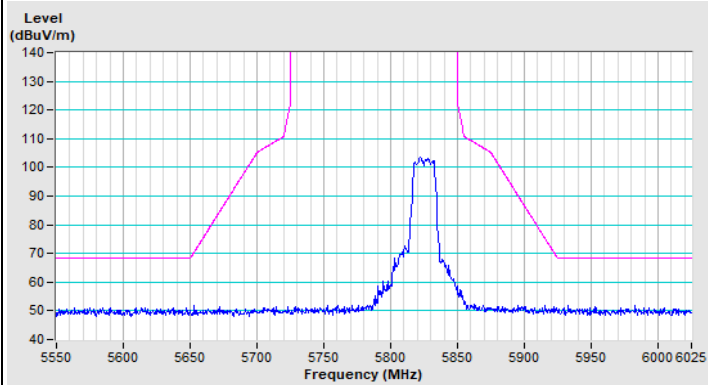


802.11a Channel 157

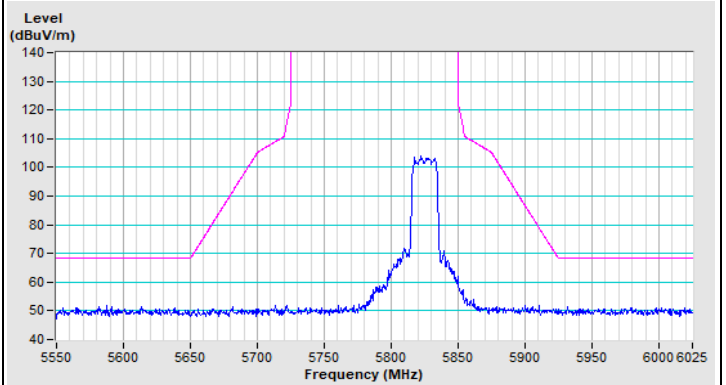
Horizontal (Peak)



Vertical (Peak)

802.11a Channel 165

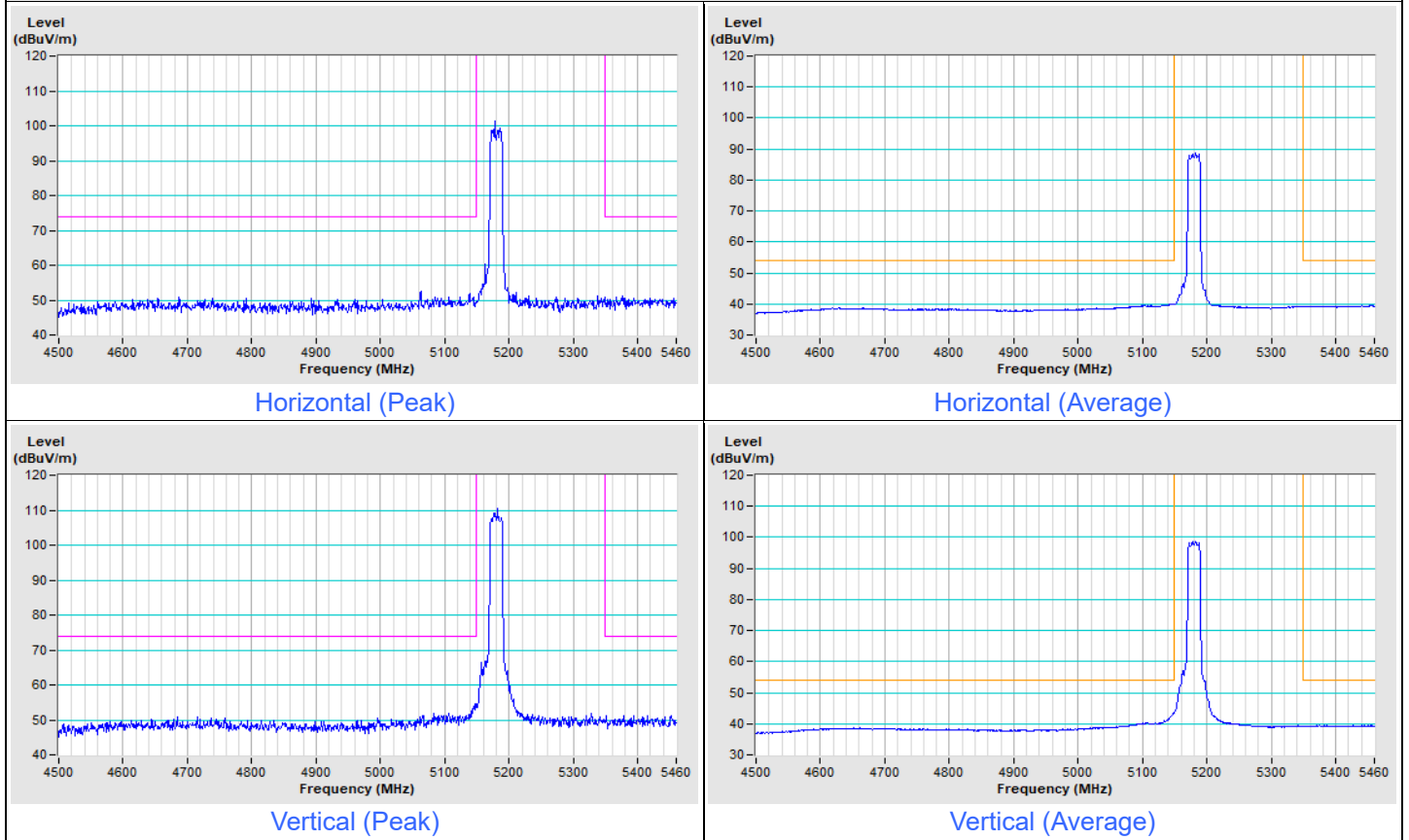
Horizontal (Peak)

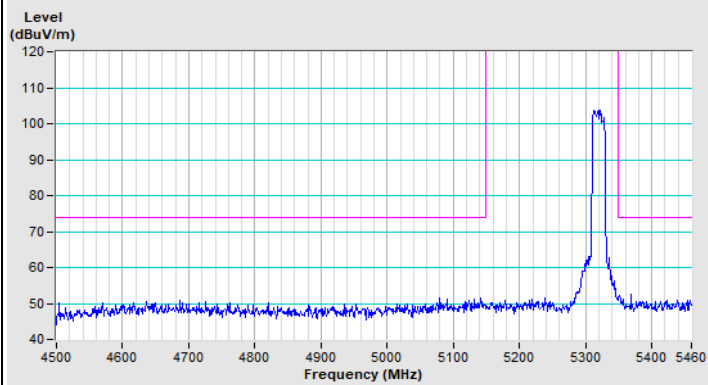


Vertical (Peak)

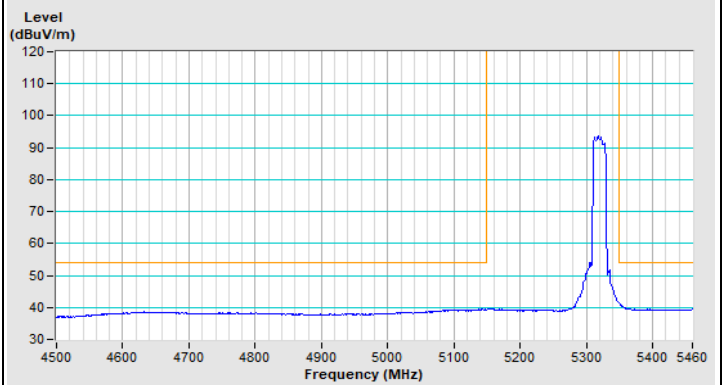
Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

802.11ax (HE20) Channel 36

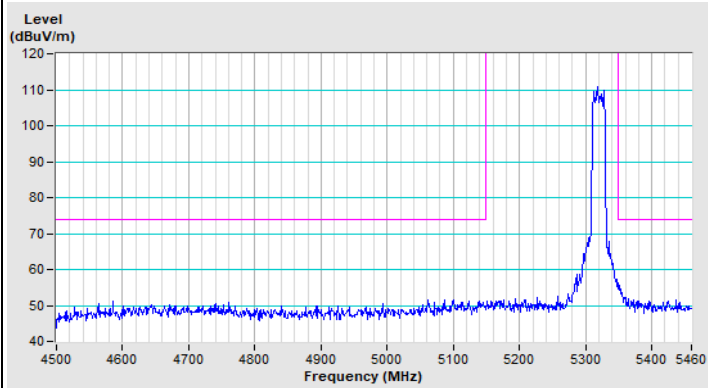


802.11ax (HE20) Channel 64

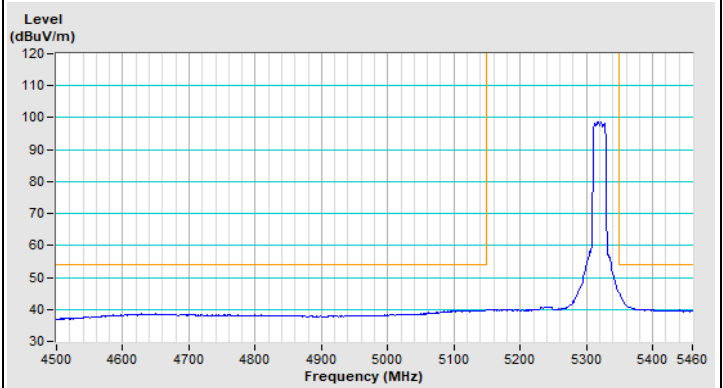
Horizontal (Peak)



Horizontal (Average)



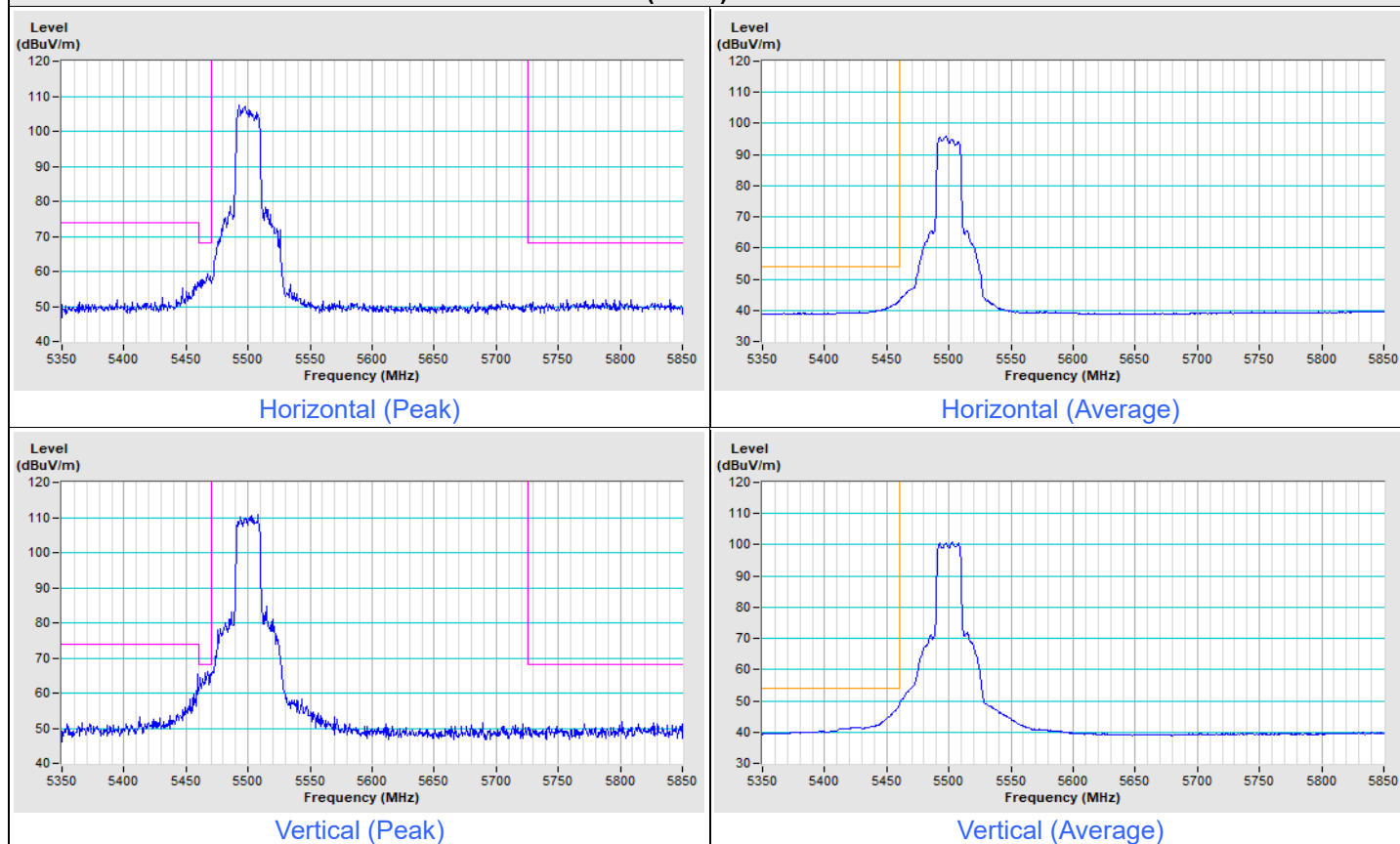
Vertical (Peak)



Vertical (Average)

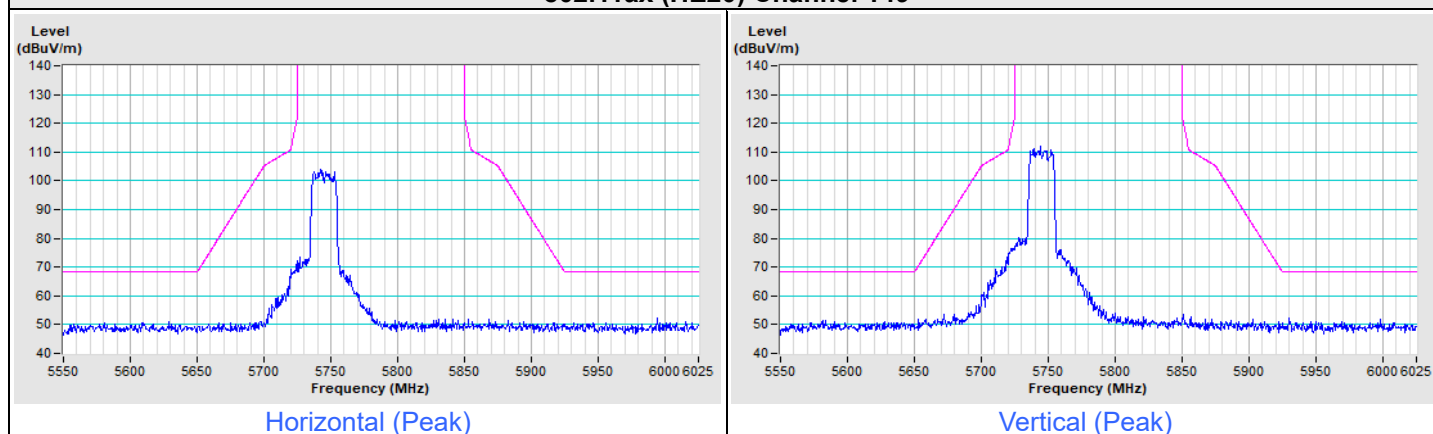
Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

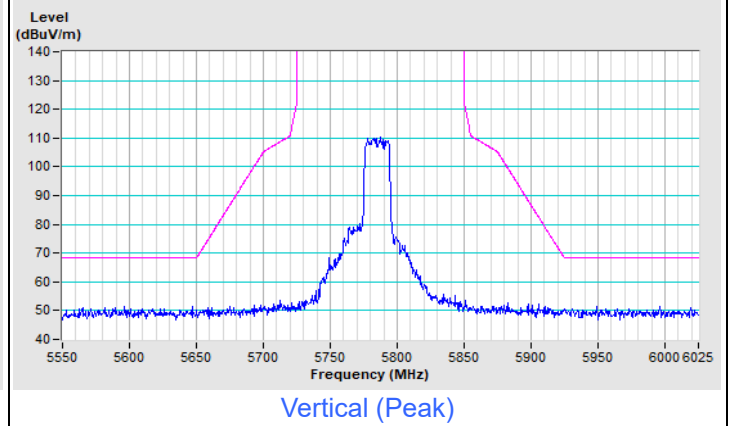
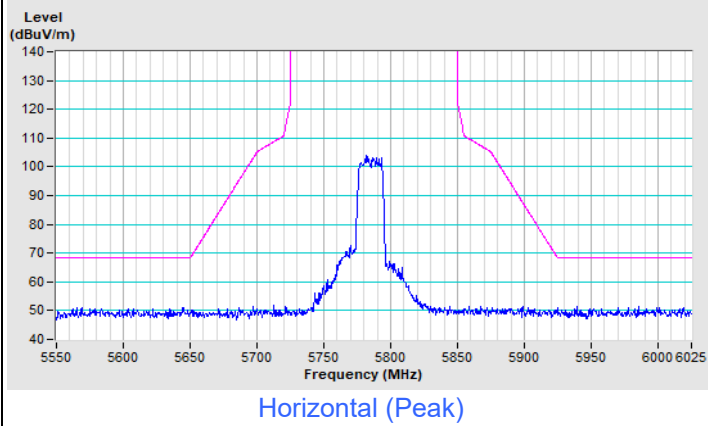
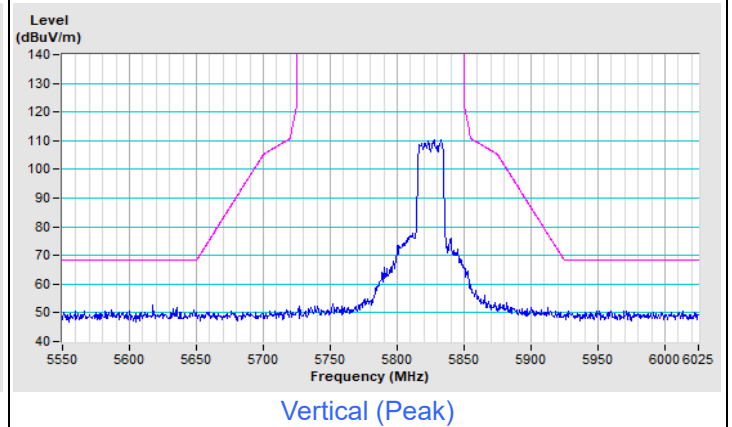
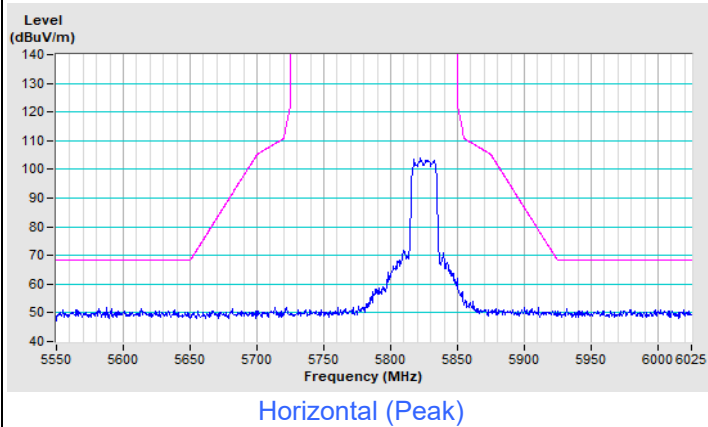
802.11ax (HE20) Channel 100



Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

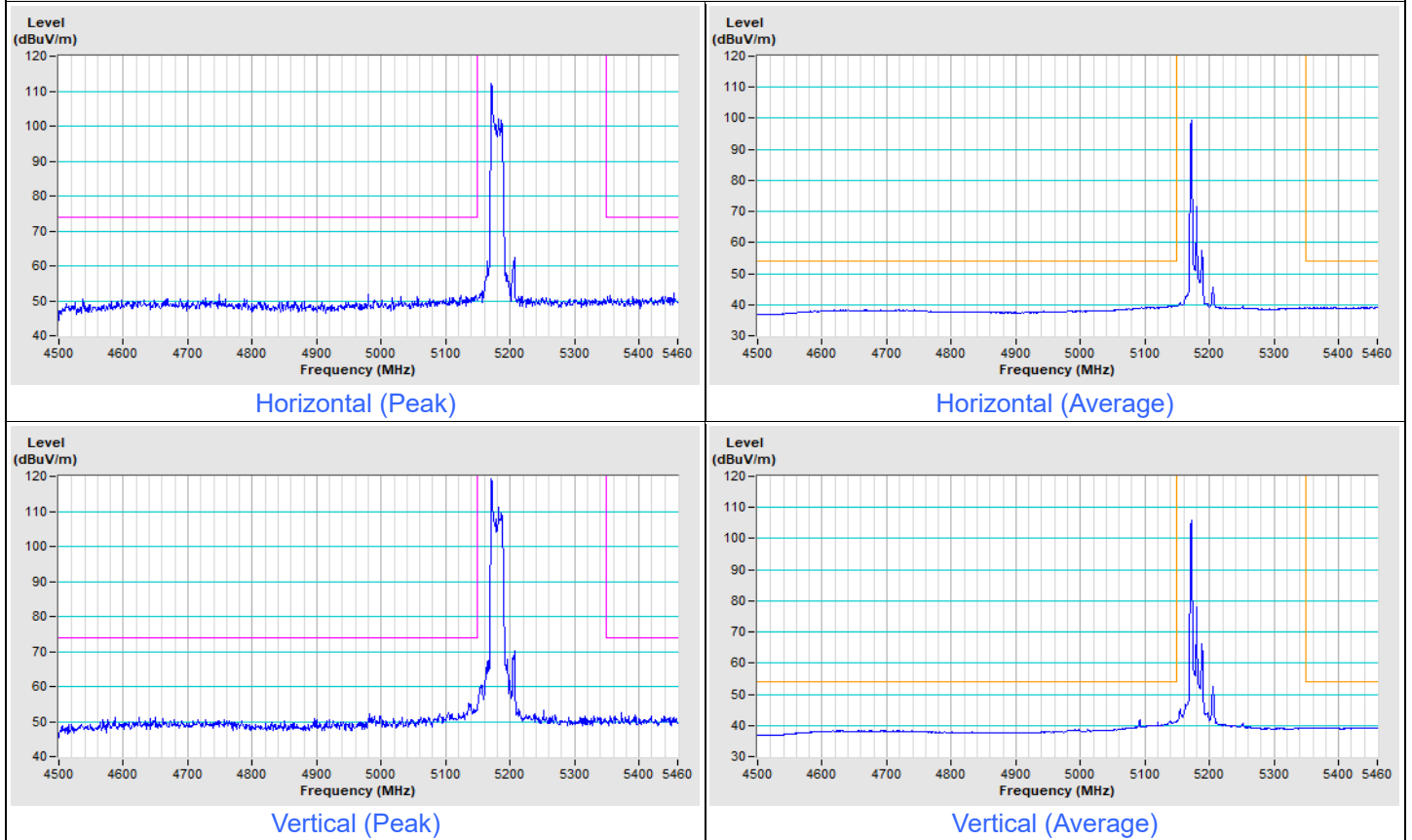
802.11ax (HE20) Channel 149



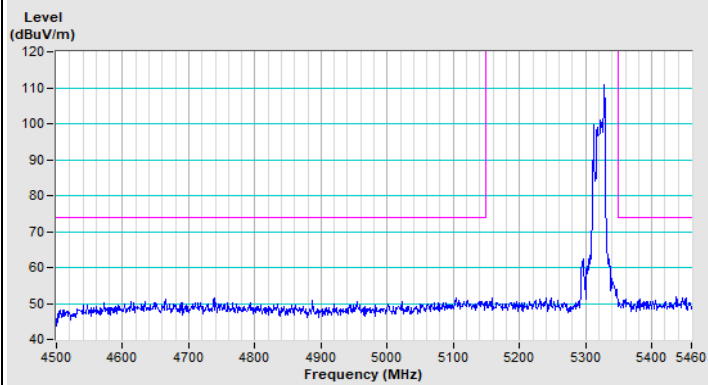
802.11ax (HE20) Channel 157**802.11ax (HE20) Channel 165**

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak

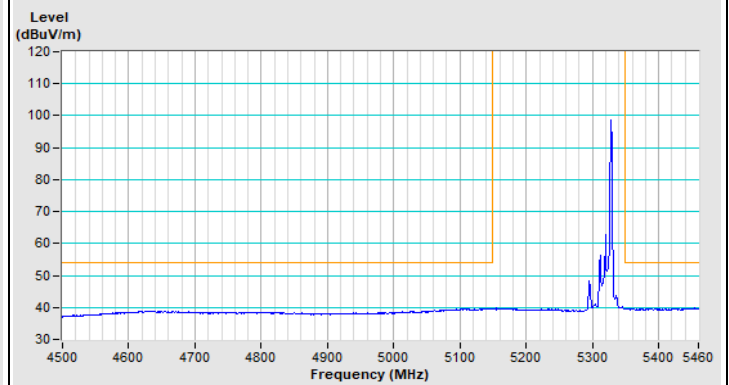
802.11ax (HE20) 26-tone RU Channel 36



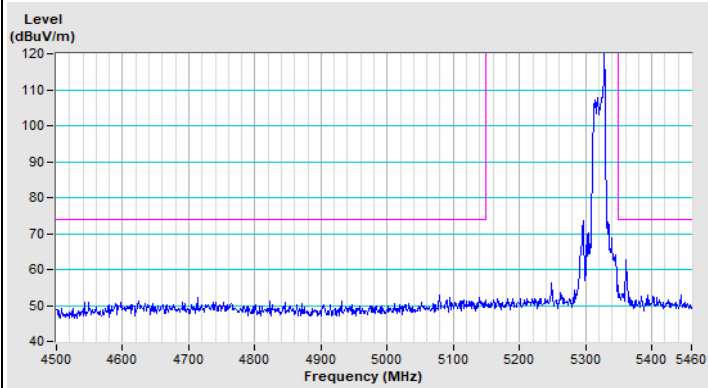
802.11ax (HE20) 26-tone RU Channel 64



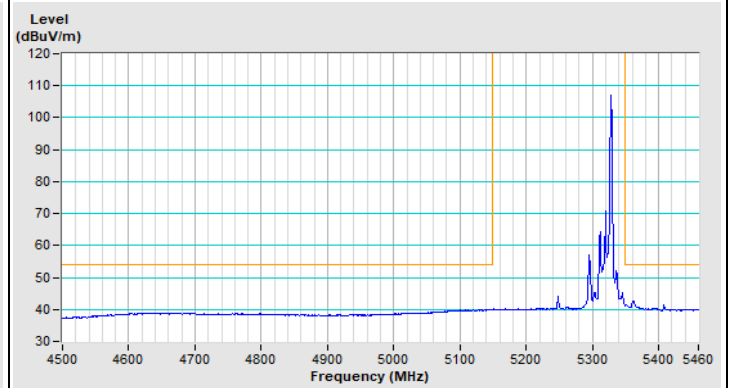
Horizontal (Peak)



Horizontal (Average)

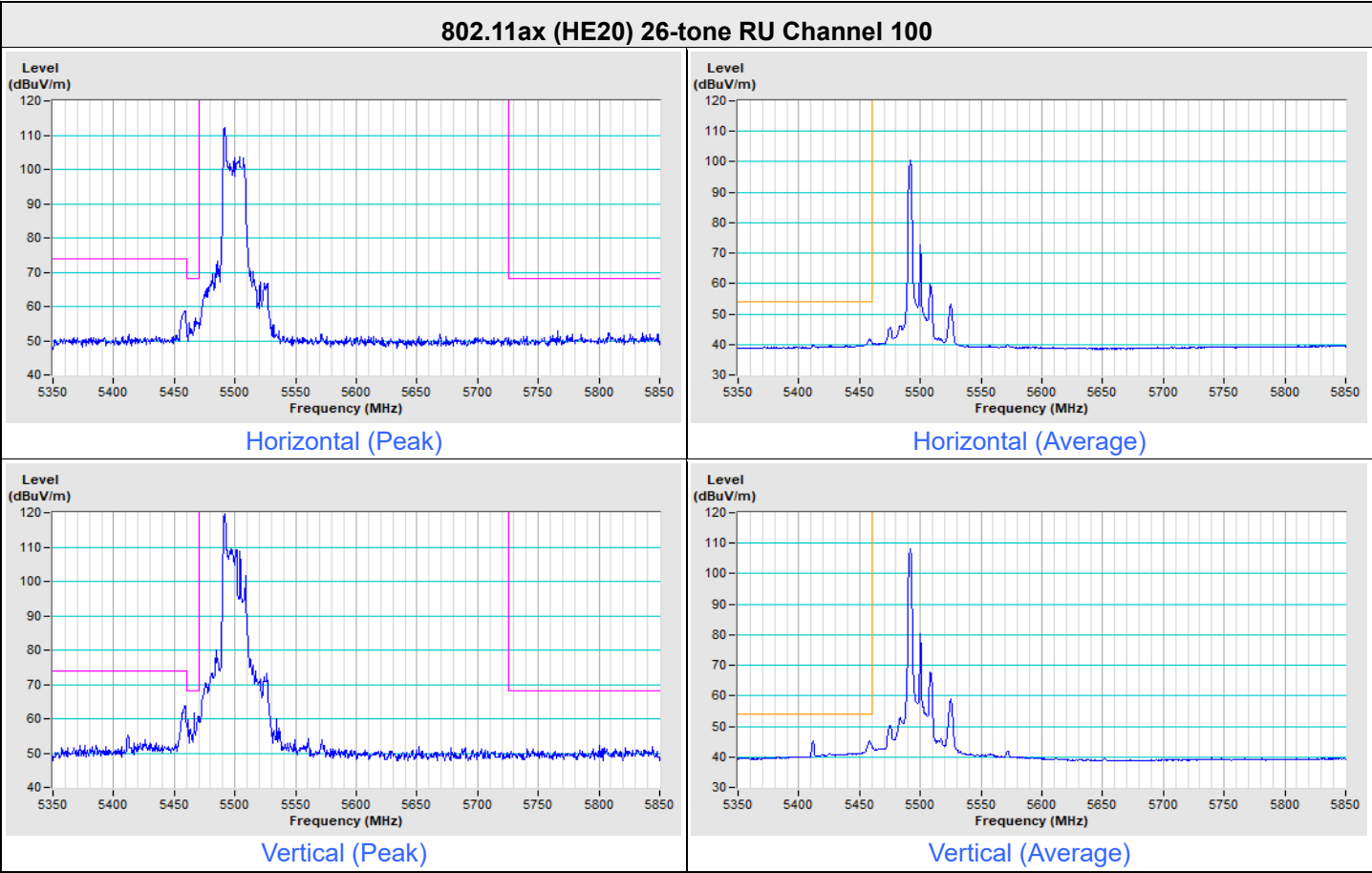


Vertical (Peak)

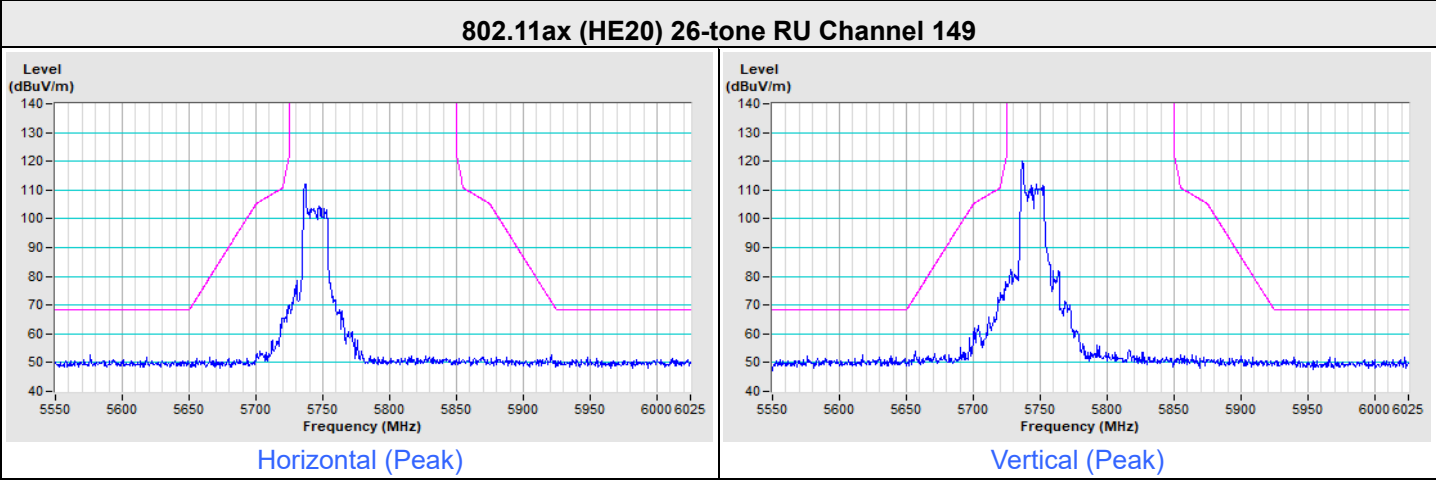


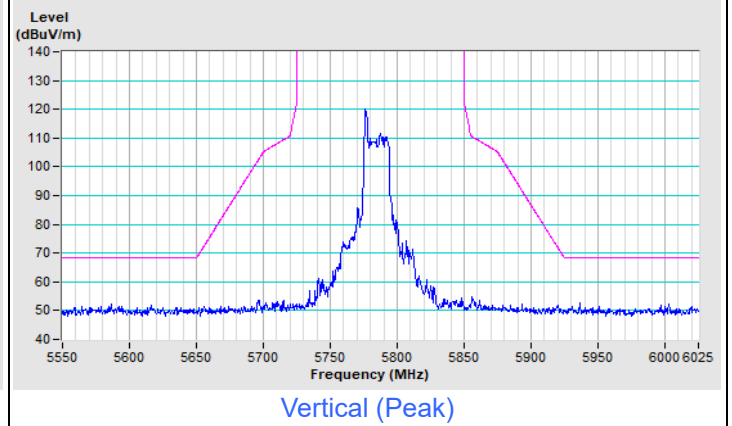
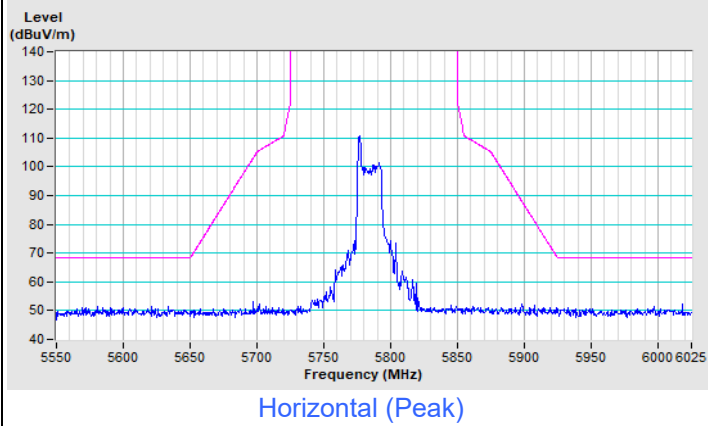
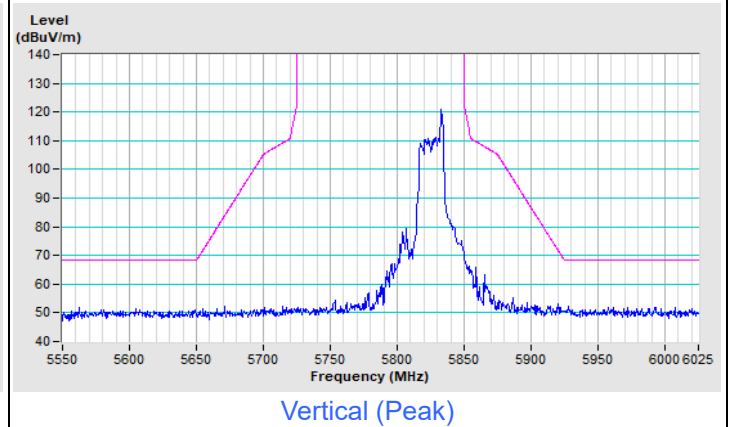
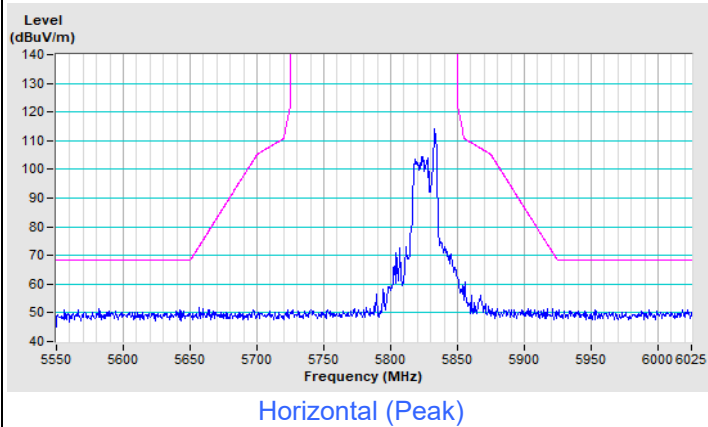
Vertical (Average)

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak



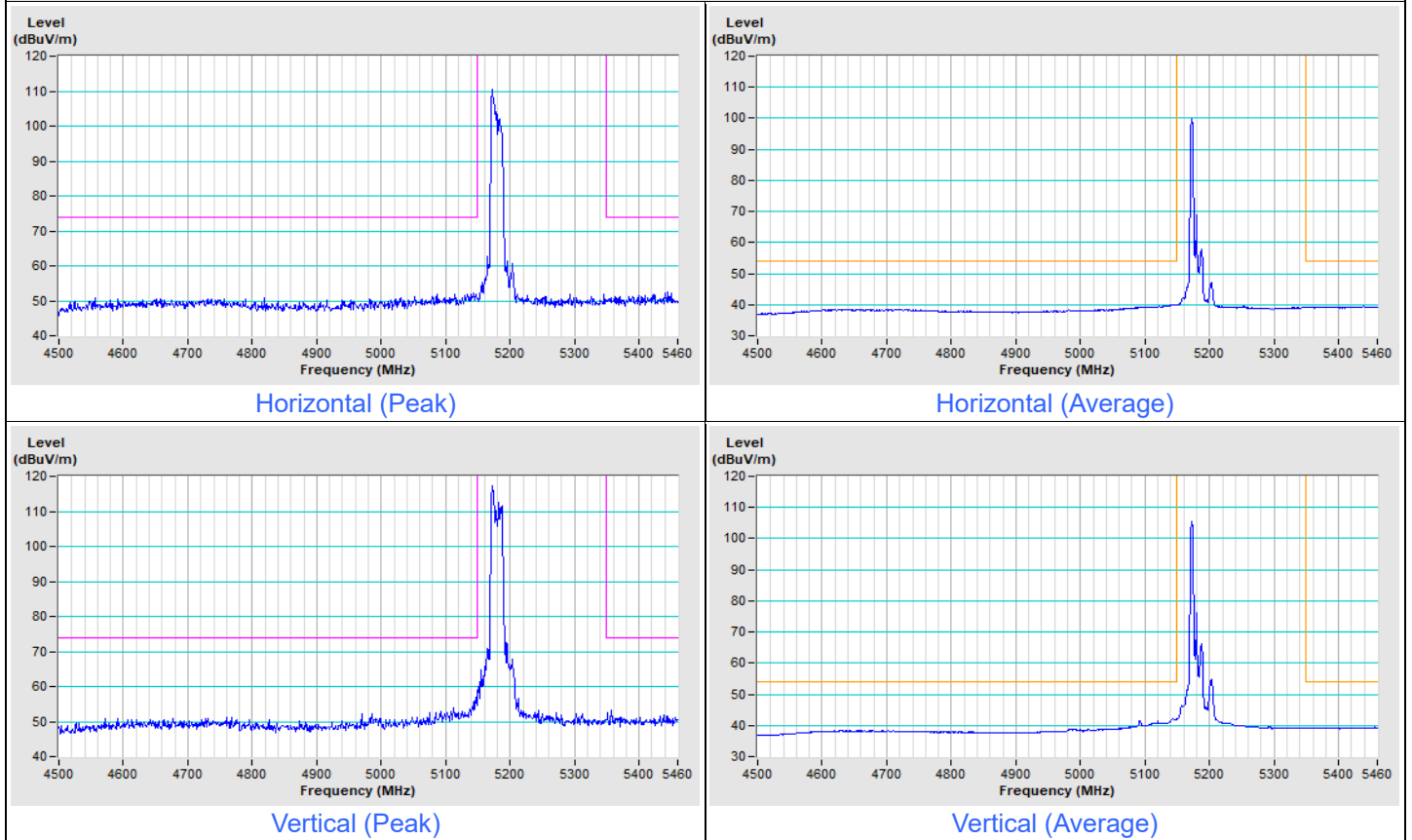
Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

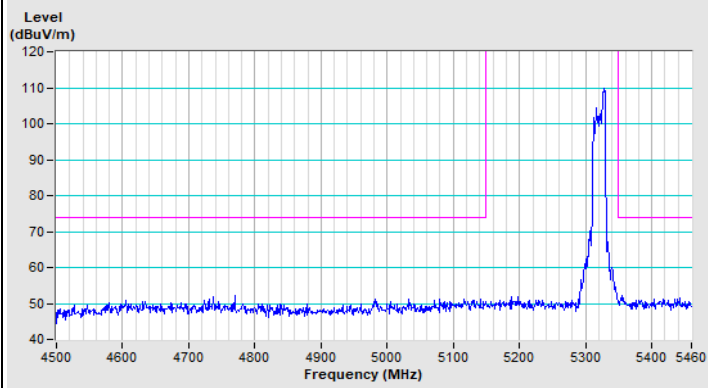


802.11ax (HE20) 26-tone RU Channel 157**802.11ax (HE20) 26-tone RU Channel 165**

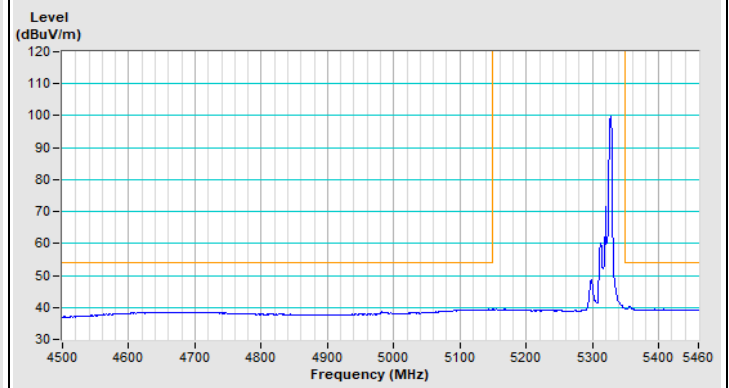
Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak

802.11ax (HE20) 52-tone RU Channel 36

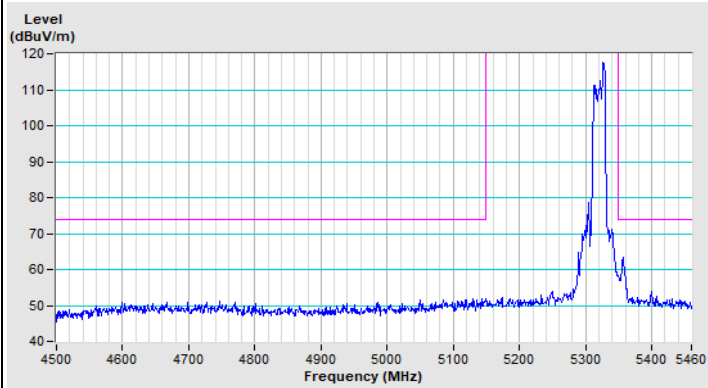


802.11ax (HE20) 52-tone RU Channel 64

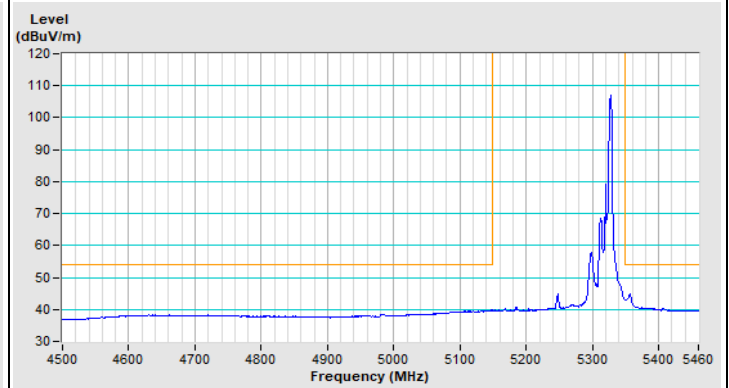
Horizontal (Peak)



Horizontal (Average)

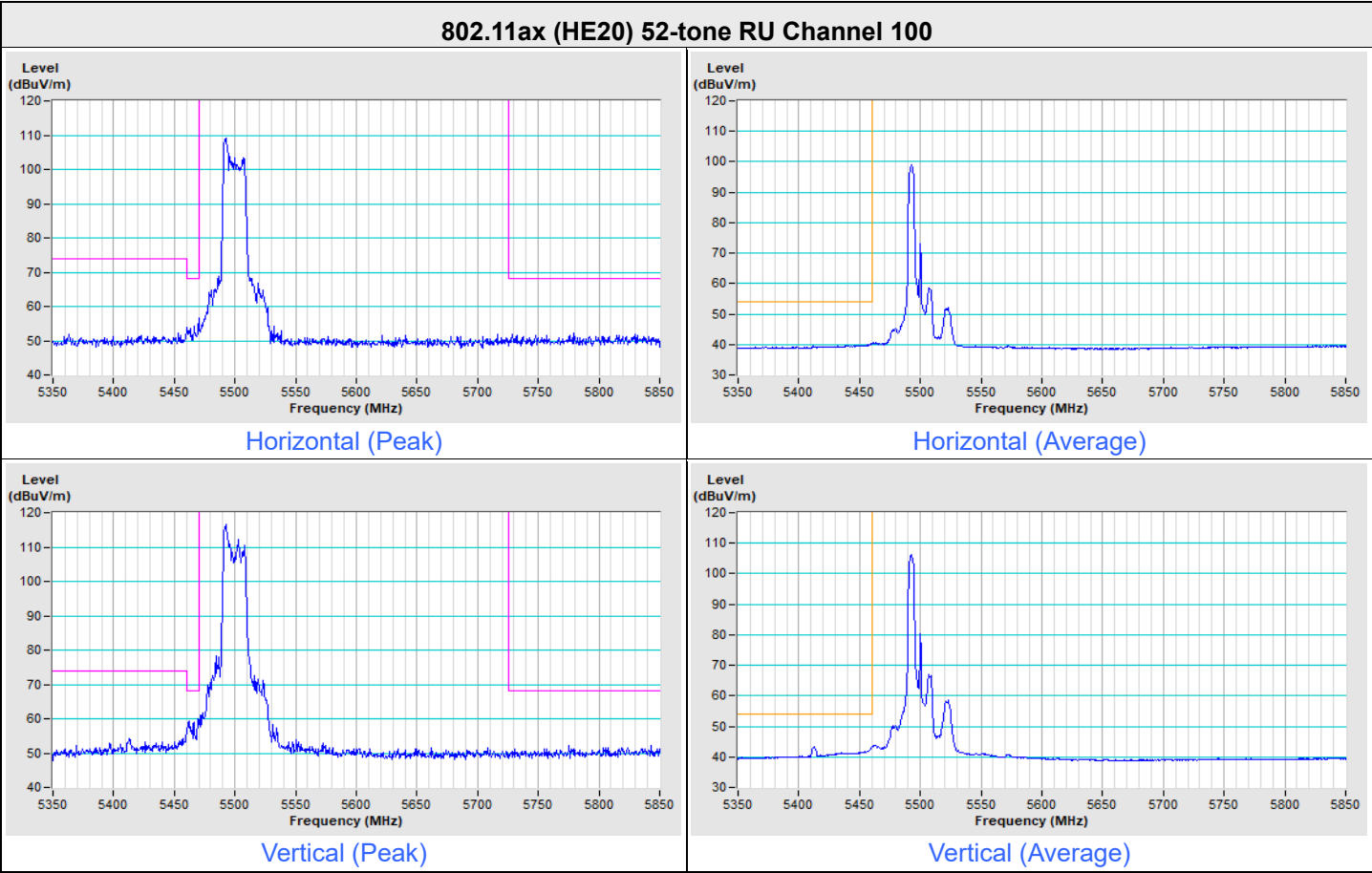


Vertical (Peak)

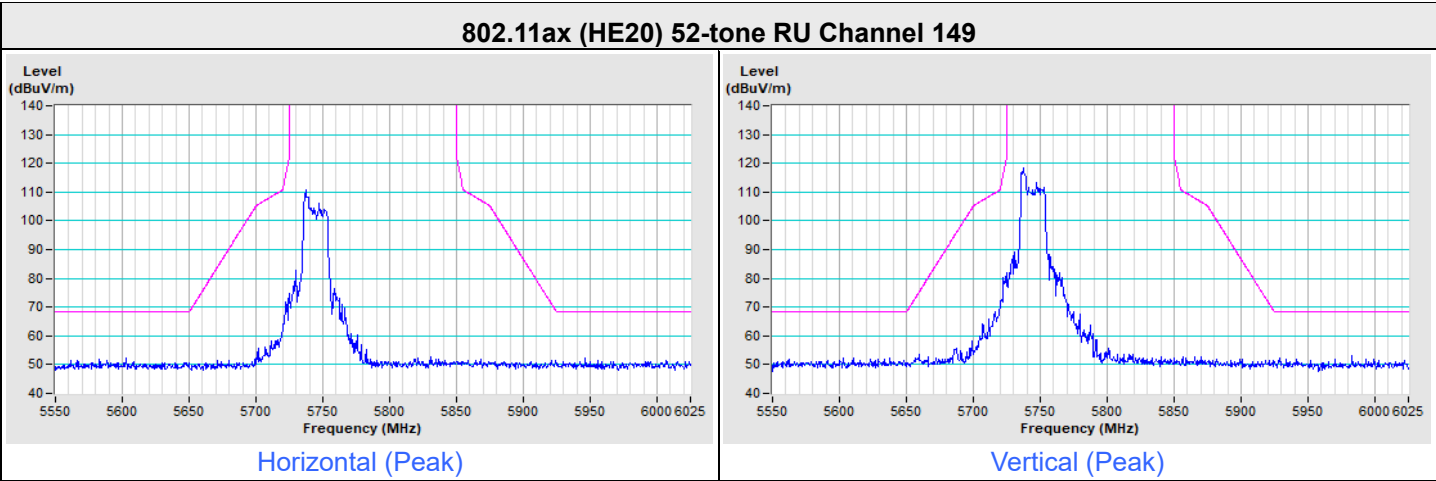


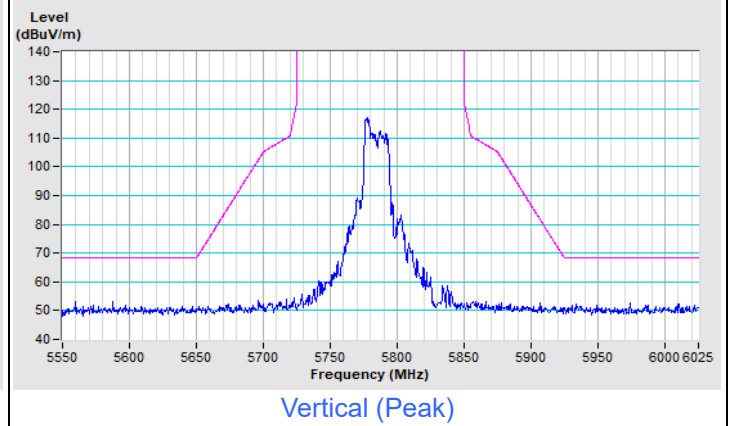
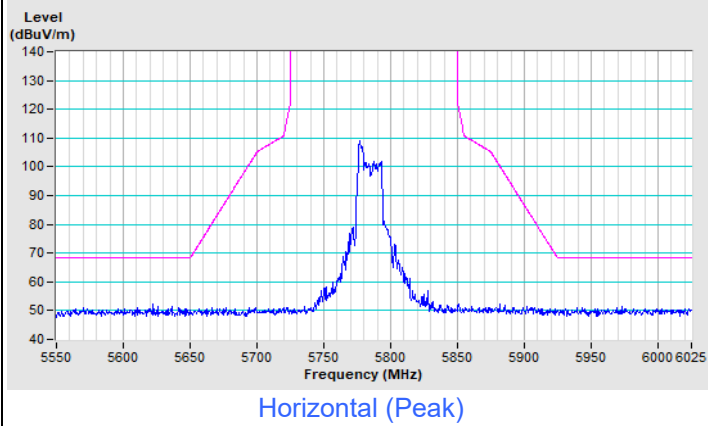
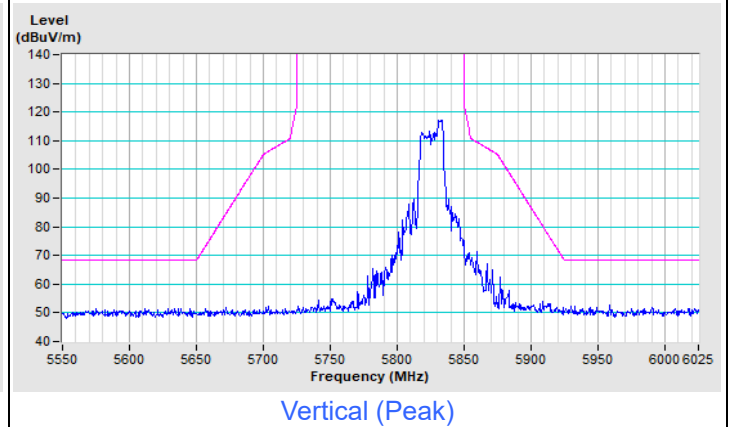
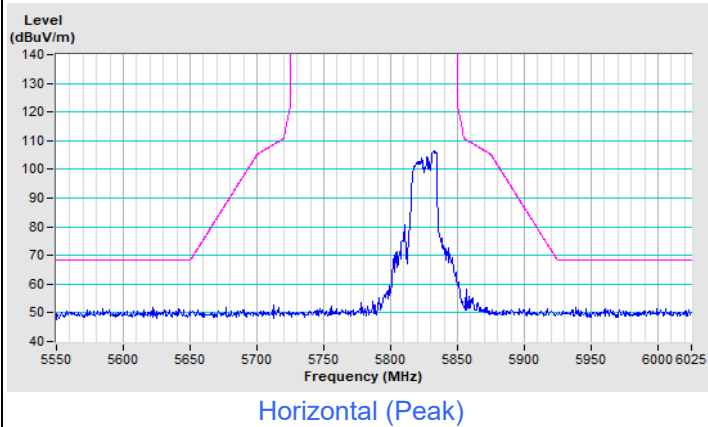
Vertical (Average)

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak

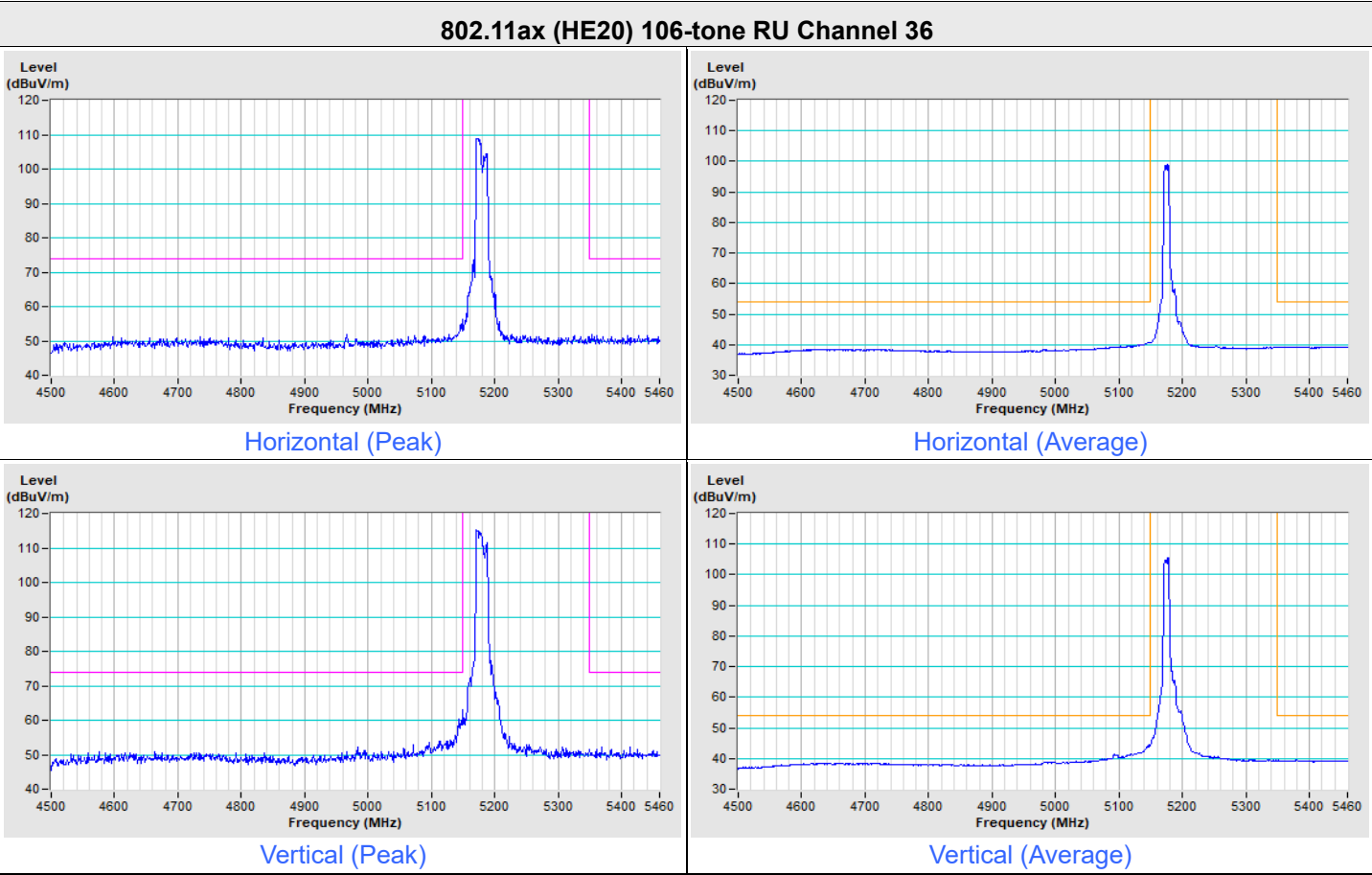


Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

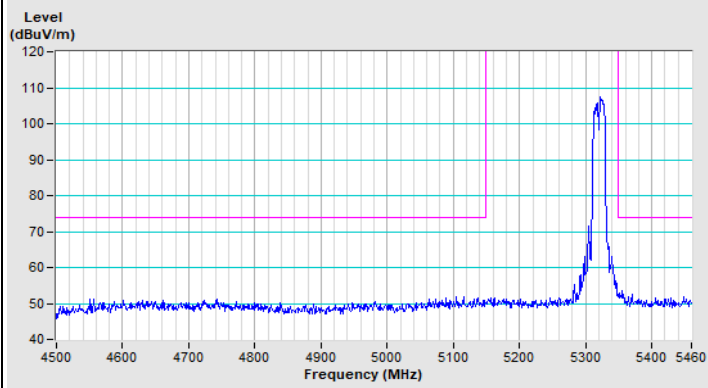


802.11ax (HE20) 52-tone RU Channel 157**802.11ax (HE20) 52-tone RU Channel 165**

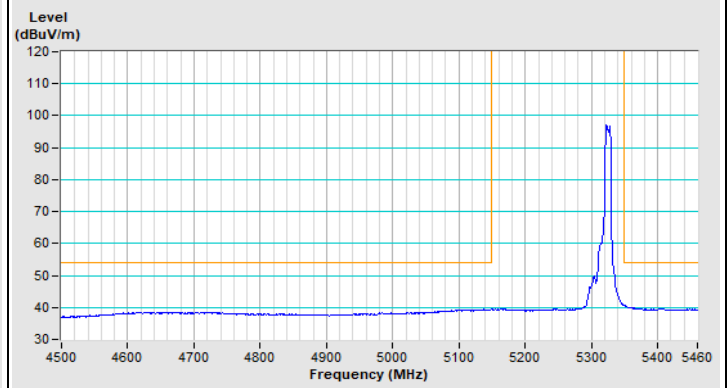
Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak



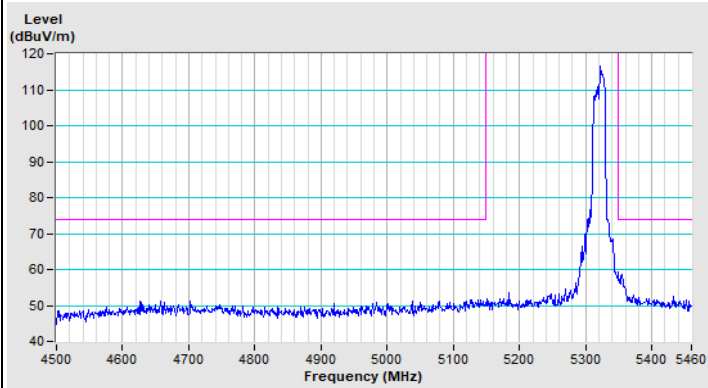
802.11ax (HE20) 106-tone RU Channel 64



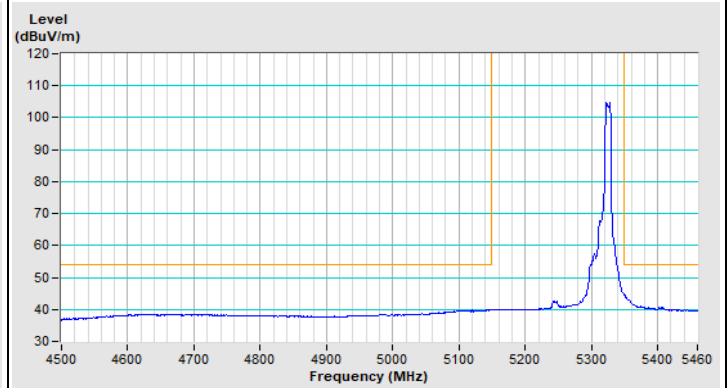
Horizontal (Peak)



Horizontal (Average)



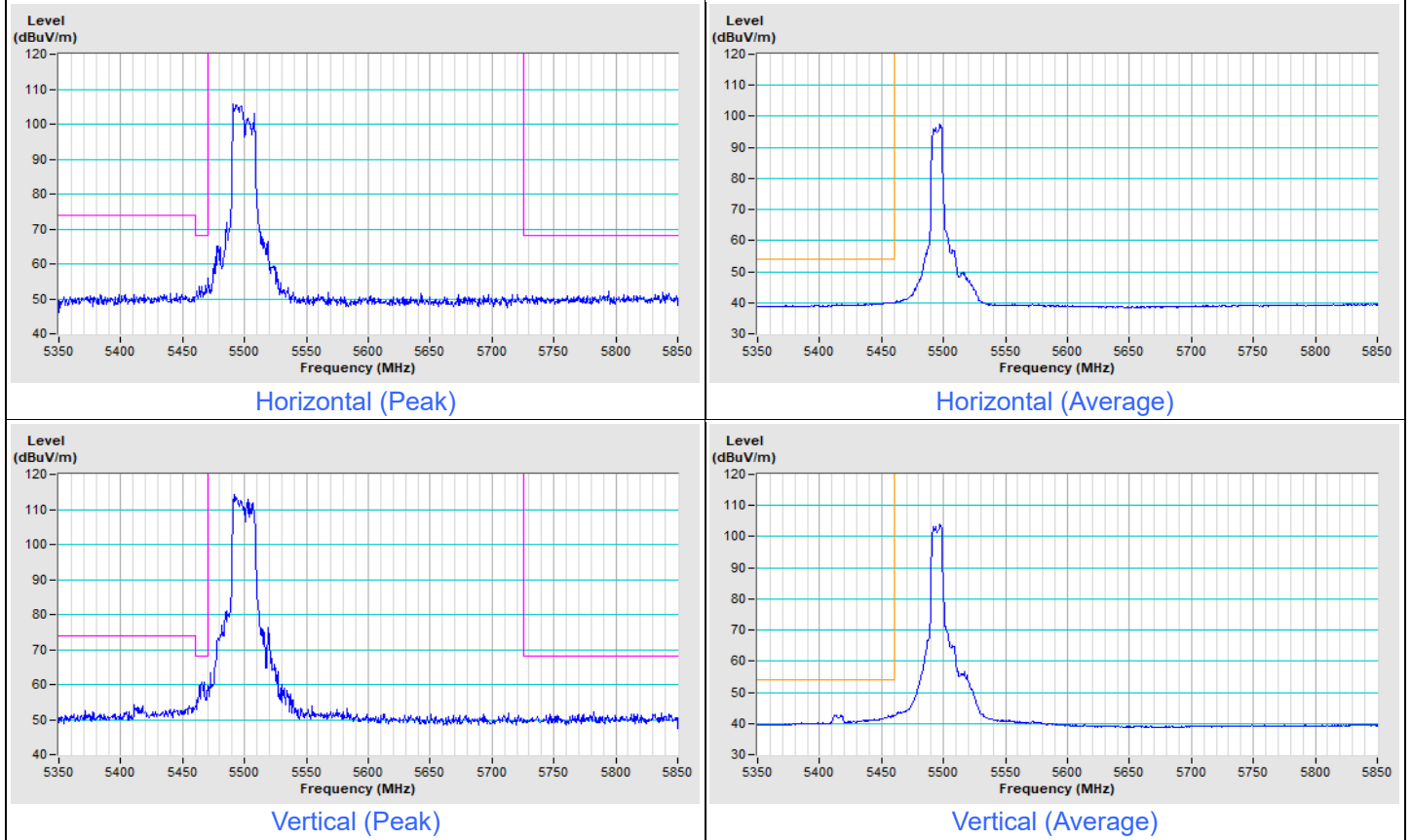
Vertical (Peak)



Vertical (Average)

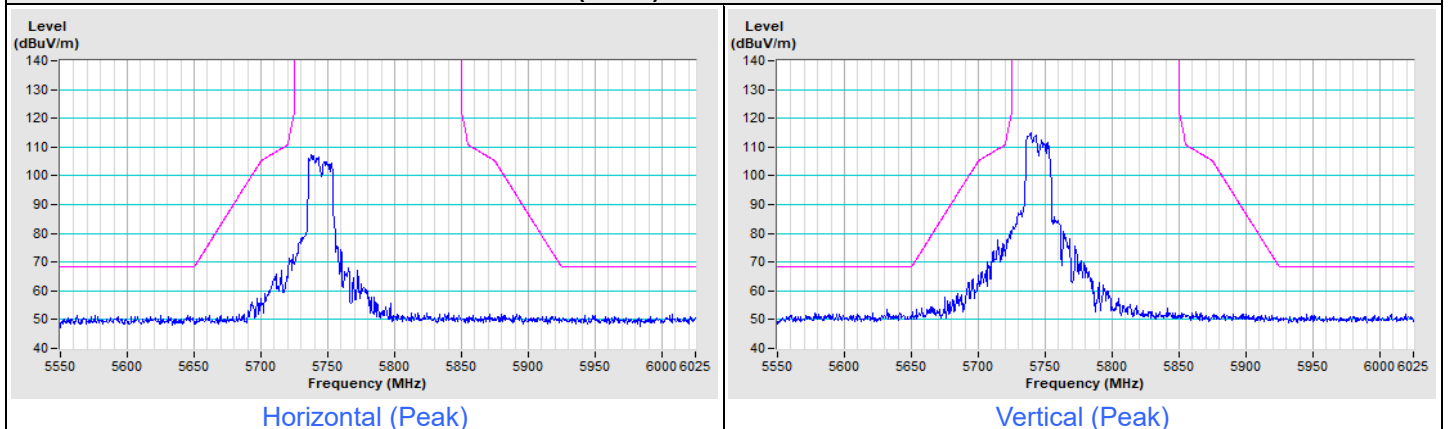
Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=20 Hz, DET=Peak

802.11ax (HE20) 106-tone RU Channel 100

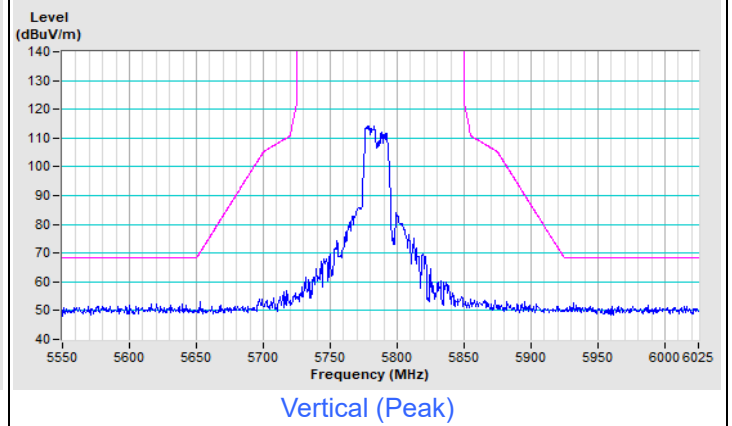
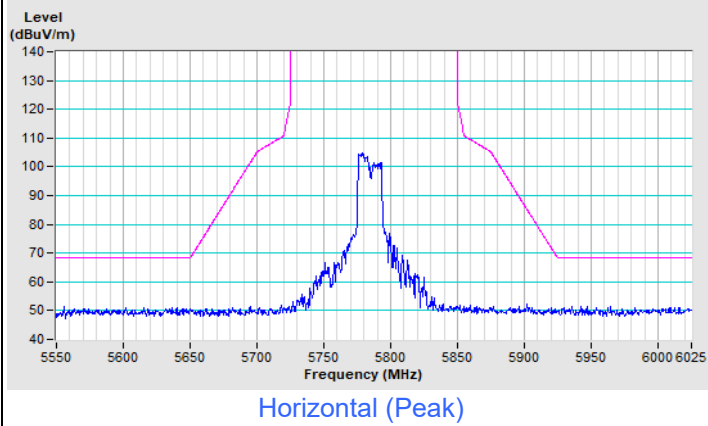


Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak

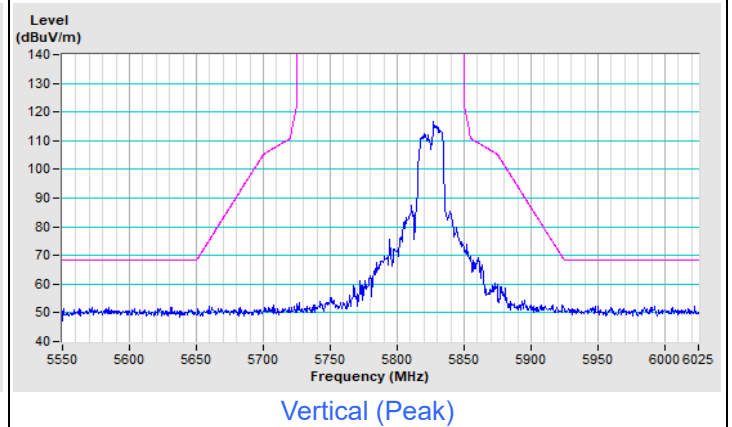
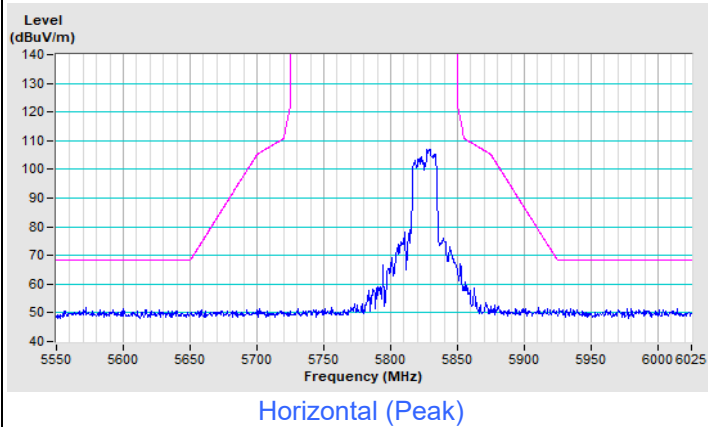
802.11ax (HE20) 106-tone RU Channel 149



802.11ax (HE20) 106-tone RU Channel 157



802.11ax (HE20) 106-tone RU Channel 165



8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

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

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

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Web Site: <http://ee.bureauveritas.com.tw>

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

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