

TEST REPORT

CERTIFICATE OF CONFORMITY

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

Report No.: RFBBUI-WTW-P23110204-1

FCC ID: B94SNPRC235X

Product: 802.11 a/b/g/n/ac/ax WLAN + BT/BLE Radio Module

Brand:



Model No.: SNPRC-2351, SNPRC-2350

Received Date: 2023/11/8

Test Date: 2024/1/8 ~ 2024/3/8

Issued Date: 2024/5/13

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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FCC Registration / 723255 / TW2022

Designation Number:

Approved by:



, Date:

2024/5/13

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Prepared by : Phoenix Huang / Specialist



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Table of Contents

Release Control Record	4
1 Certificate.....	5
2 Summary of Test Results	6
2.1 Measurement Uncertainty	6
2.2 Supplementary Information	7
3 General Information	8
3.1 General Description of EUT	8
3.2 Antenna Description of EUT	10
3.3 Channel List.....	11
3.4 Test Mode Applicability and Tested Channel Detail.....	13
3.5 Duty Cycle of Test Signal.....	19
3.6 Test Program Used and Operation Descriptions	23
3.7 Connection Diagram of EUT and Peripheral Devices	23
3.8 Configuration of Peripheral Devices and Cable Connections	24
4 Test Instruments	25
4.1 26 dB Bandwidth	25
4.2 RF Output Power.....	25
4.3 Power Spectral Density	25
4.4 6 dB Bandwidth	25
4.5 Occupied Bandwidth.....	25
4.6 Frequency Stability	26
4.7 AC Power Conducted Emissions	26
4.8 Unwanted Emissions below 1 GHz	27
4.9 Unwanted Emissions above 1 GHz.....	28
5 Limits of Test Items.....	29
5.1 26 dB Bandwidth	29
5.2 RF Output Power.....	29
5.3 Power Spectral Density	29
5.4 6 dB Bandwidth	29
5.5 Occupied Bandwidth.....	29
5.6 Frequency Stability	30
5.7 AC Power Conducted Emissions	30
5.8 Unwanted Emissions below 1 GHz	30
5.9 Unwanted Emissions above 1 GHz.....	31
6 Test Arrangements.....	32
6.1 26 dB Bandwidth	32
6.1.1 Test Setup	32
6.1.2 Test Procedure	32
6.2 RF Output Power.....	33
6.2.1 Test Setup	33
6.2.2 Test Procedure	33
6.3 Power Spectral Density	34
6.3.1 Test Setup	34
6.3.2 Test Procedure	34
6.4 6 dB Bandwidth	35
6.4.1 Test Setup	35
6.4.2 Test Procedure	35
6.5 Occupied Bandwidth.....	35
6.5.1 Test Setup	35
6.5.2 Test Procedure	35
6.6 Frequency Stability	36
6.6.1 Test Setup	36
6.6.2 Test Procedure	36
6.7 AC Power Conducted Emissions	37

6.7.1	Test Setup	37
6.7.2	Test Procedure	37
6.8	Unwanted Emissions below 1 GHz	38
6.8.1	Test Setup	38
6.8.2	Test Procedure	39
6.9	Unwanted Emissions above 1 GHz	40
6.9.1	Test Setup	40
6.9.2	Test Procedure	40
7	Test Results of Test Item	41
7.1	26 dB Bandwidth	41
7.2	RF Output Power	51
7.3	Power Spectral Density	62
7.4	6 dB Bandwidth	73
7.5	Occupied Bandwidth	77
7.6	Frequency Stability	88
7.7	AC Power Conducted Emissions	89
7.8	Unwanted Emissions below 1 GHz	97
7.9	Unwanted Emissions above 1 GHz	105
8	Pictures of Test Arrangements	621
9	Information of the Testing Laboratories	622

Release Control Record

Issue No.	Description	Date Issued
RFBBUI-WTW-P23110204-1	Original release.	2024/5/13

1 Certificate

Product: 802.11 a/b/g/n/ac/ax WLAN + BT/BLE Radio Module

Brand:



Test Model: SNPRC-2351, SNPRC-2350

Sample Status: Engineering sample

Applicant: HP Inc.

Test Date: 2024/1/8 ~ 2024/3/8

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 -9.14 dB at 2.44922 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -8.8 dB at 41.59 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 -1.5 dB at 5725.00 and 10600.00 MHz
15.203	Antenna Requirement	Pass	Antenna connector is I-PEX, I-PEX 1st 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:

Measurement	Specification	Expanded Uncertainty (k=2) (±)
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	5.1 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	5.1 dB
	18 GHz ~ 40 GHz	5.3 dB

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

2.2 Supplementary Information

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

3 General Information

3.1 General Description of EUT

Product	802.11 a/b/g/n/ac/ax WLAN + BT/BLE Radio Module
Brand	
Test Model	SNPRC-2351, SNPRC-2350
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 150 Mbps 802.11ac: up to 433.3 Mbps 802.11ax: up to 600.4 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): 25 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 12 802.11ac (VHT80), 802.11ax (HE80): 6
Resource Unit (RU)	Single RU: 26-tone, 52-tone, 106-tone, 242-tone, 484-tone, 996-tone
Output Power	5.18 GHz ~ 5.24 GHz : 64.417 mW (18.09 dBm) 5.26 GHz ~ 5.32 GHz : 66.527 mW (18.23 dBm) 5.5 GHz ~ 5.72 GHz : 139.959 mW (21.46 dBm) 5.745 GHz ~ 5.825 GHz : 140.605 mW (21.48 dBm)
EUT Category	Client device

Note:

1. There are Bluetooth and WLAN (2.4 GHz & 5 GHz) technology used for the EUT.
2. Simultaneously transmission condition.

Condition	Technology	
1	WLAN (5 GHz)_Ant1	Bluetooth_Ant2

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

3. The EUT has below model names which are identical to each other in all aspects except for the following table:

Product Description	Model Name	Difference
802.11 a/b/g/n/ac/ax WLAN + BT/BLE Radio Module	SNPRC-2350	SDIO Interface
	SNPRC-2351	USB Interface

4. The EUT has the below configurations:

SNPRC-2350	
Part Numbers	Description
0960-5938	milligrid connector, 2 on-board antennas
0960-5936	milligrid connector, 1 on-board antenna + 1 external antenna
0960-5937	FFC connector, 2 on-board antennas
SNPRC-2351	
Part Numbers	Description
0960-5939	milligrid connector, 2 on-board antennas
0960-6141	right angled milligrid connector, 2 on-board antennas
0960-6200	milligrid connector, 1 on-board antenna + 1 external antenna

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

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna No.	RF Port No.	Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
1 (Internal)	1/2	0/1	HP	SNPRC-2351	3.5	2.4~2.4835	PIFA (on-board)	None	NA
					4.5	5.15~5.85			
2 (Internal)	1/2	0/1	HP	SNPRC-2350	3.5	2.4~2.4835	PIFA (on-board)	None	NA
					4.5	5.15~5.85			
3 (External)	2	1	Yageo	ANTX200P002B24553	0.9	2.4~2.4835	PIFA	I-PEX	200
					2.3	5.15~5.85			
4 (External)	2	1	Yageo	ANTX300P002B24553	0.9	2.4~2.4835	PIFA	I-PEX	300
					2.3	5.15~5.85			
5 (External)	2	1	WNC	81EAB815.G23	2	2.4~2.4835	PIFA	I-PEX 1st	200
					3	5.15~5.85			
6 (External)	2	1	WNC	81EAB815.G24	-0.3	2.4~2.4835	PIFA	I-PEX 1st	300
					1.5	5.15~5.85			

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

2. The EUT incorporates a SIMO function:

5 GHz Band		
Modulation Mode	TX & RX Configuration	
802.11a	1Tx Diversity	2Rx
802.11n (HT20)	1Tx Diversity	2Rx
802.11n (HT40)	1Tx Diversity	2Rx
802.11ac (VHT20)	1Tx Diversity	2Rx
802.11ac (VHT40)	1Tx Diversity	2Rx
802.11ac (VHT80)	1Tx Diversity	2Rx
802.11ax (HE20)	1Tx Diversity	2Rx
802.11ax (HE40)	1Tx Diversity	2Rx
802.11ax (HE80)	1Tx Diversity	2Rx
802.11ax (RU26/52/106/242/484/996)	1Tx Diversity	2Rx

Note: The modulation and bandwidth are similar for 802.11n mode for 20 MHz (40 MHz), 802.11ac mode for 20 MHz (40 MHz, 80 MHz) and 802.11ax mode for 20 MHz (40 MHz, 80 MHz) therefore the manufacturer will control the power for 802.11n/ac mode is same as the 802.11ax mode 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

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

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

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

Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz

FOR 5500 ~ 5720 MHz

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

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

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

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

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

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

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

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

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

Channel	Frequency
155	5775 MHz

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. EUT has variant models as various interfaces: SDIO: 0960-5936/ 0960-5937/ 0960-5938, USB: 0960-5939/ 0960-6141/ 0960-6200. Pre-scan these variant models and find the worst case as a representative test condition in various interfaces. 2. The internal antenna design is identical in variant models/interfaces, and the external antenna models have 0960-5936 and 0960-6200 in various interfaces. Pre-scan this variant model and find the worst case as a representative test condition. 3. EUT has support Tx antenna diversity architecture. Pre-scan in Chain 0 and 1 and find the worst case as a representative test condition. 4. The RU arrangement positions / worst-case partial RU modes across all supported bandwidth modes have been conducted to determine via pre-scan. 5. EUT can be used in the following ways of the internal/ external antenna: X-axis, Y-axis, and Z-axis. Pre-scan these ways and find the worst case as a representative test condition of the antenna. 6. 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&2. EUT worst variant model in various interfaces used in internal/external antenna: ➤ Unwanted Emissions below 1 GHz: SDIO: 0960-5937 (Internal antenna), 0960-5936 (External antenna) USB: 0960-5939 (Internal antenna), 0960-6200 (External antenna) ➤ Unwanted Emissions above 1 GHz: USB: 0960-6200 (Internal antenna), 0960-6200 (External antenna) 3. Tx antenna diversity the worst chain: ➤ Unwanted Emissions below 1 GHz: SDIO 0960-5937 (Internal antenna) & USB 0960-5939 (Internal antenna): Chain 1 ➤ Unwanted Emissions above 1 GHz: USB 0960-6200 (Internal antenna): Chain 0 4. For the RU arrangement position and supported bandwidth mode corresponding of the Partial RU, these conditions have been evaluated and presented in the report in a representative mode. 5. X-axis/ Y-axis/ Z-axis Worst Condition of the internal/ external antenna: ➤ Internal antenna: X-axis ➤ External antenna: X-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 index
26 dB Bandwidth	-	802.11a	52, 60, 64, 100, 116, 140, 144	BPSK	6Mb/s	NA
		802.11ac (VHT20)	52, 60, 64, 100, 116, 140, 144	BPSK	MCS0	NA
		802.11ac (VHT40)	54, 62, 102, 110, 134, 142	BPSK	MCS0	NA
		802.11ac (VHT80)	58, 106, 122, 138	BPSK	MCS0	NA
		802.11ax (HE20)	52, 60, 64, 100, 116, 140, 144	BPSK	MCS0	NA
		802.11ax (HE40)	52, 60, 64, 100, 116, 140, 144	BPSK	MCS0	NA
		802.11ax (HE80)	58, 106, 122, 138	BPSK	MCS0	NA
		802.11ax (HE20) 26-tone RU	52, 60, 64, 100, 116, 140, 144	BPSK	MCS0	0, 4, 8 0, 4, 8, 8
		802.11ax (HE20) 52-tone RU	52, 60, 64, 100, 116, 140, 144	BPSK	MCS0	37, 38, 40 37, 38, 40, 40
		802.11ax (HE20) 106-tone RU	52, 60, 64, 100, 116, 140, 144	BPSK	MCS0	53, 53, 54 53, 53, 54, 54

Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter	RU index
RF Output Power / Power Spectral Density	-	802.11a	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s	NA
		802.11ac (VHT20)	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	NA
		802.11ac (VHT40)	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0	NA
		802.11ac (VHT80)	42, 58, 106, 122, 138, 155	BPSK	MCS0	NA
		802.11ax (HE20)	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	NA
		802.11ax (HE40)	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0	NA
		802.11ax (HE80)	42, 58, 106, 122, 138, 155	BPSK	MCS0	NA
		802.11ax (HE20) 26- tone RU	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	0, 4, 8 0, 4, 8 0, 4, 8, 8 0, 4, 8
		802.11ax (HE20) 52- tone RU	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	37, 38, 40 37, 38, 40 37, 38, 40, 40 37, 38, 40
		802.11ax (HE20) 106- tone RU	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	53, 53, 54 53, 53, 54 53, 53, 54, 54 53, 53, 54

Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter	RU index
6 dB Bandwidth	-	802.11a	144, 149, 157, 165	BPSK	6Mb/s	NA
		802.11ac (VHT20)	144, 149, 157, 165	BPSK	MCS0	NA
		802.11ac (VHT40)	142, 151, 159	BPSK	MCS0	NA
		802.11ac (VHT80)	138, 155	BPSK	MCS0	NA
		802.11ax (HE20)	144, 149, 157, 165	BPSK	MCS0	NA
		802.11ax (HE40)	142, 151, 159	BPSK	MCS0	NA
		802.11ax (HE80)	138, 155	BPSK	MCS0	NA
		802.11ax (HE20) 26- tone RU	144, 149, 157, 165	BPSK	MCS0	8, 0, 4, 8
		802.11ax (HE20) 52- tone RU	144, 149, 157, 165	BPSK	MCS0	40, 37, 38, 40
		802.11ax (HE20) 106- tone RU	144, 149, 157, 165	BPSK	MCS0	54, 53, 53, 54

Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter	RU index
Occupied Bandwidth	-	802.11a	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s	NA
		802.11ac (VHT20)	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	NA
		802.11ac (VHT40)	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0	NA
		802.11ac (VHT80)	42, 58, 106, 122, 138, 155	BPSK	MCS0	NA
		802.11ax (HE20)	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	NA
		802.11ax (HE40)	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0	NA
		802.11ax (HE80)	42, 58, 106, 122, 138, 155	BPSK	MCS0	NA
		802.11ax (HE20) 26- tone RU	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	0, 4, 8 0, 4, 8 0, 4, 8, 8 0, 4, 8
		802.11ax (HE20) 52- tone RU	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	37, 38, 40 37, 38, 40 37, 38, 40, 40 37, 38, 40
		802.11ax (HE20) 106- tone RU	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	53, 53, 54 53, 53, 54 53, 53, 54, 54 53, 53, 54
Frequency Stability	-	802.11a	36	unmodulated	-	-
AC Power Conducted Emissions	A, B, C, D	802.11a	149	BPSK	6Mb/s	NA

Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter	RU index
Unwanted Emissions below 1 GHz	A, B, C, D	802.11a	149	BPSK	6Mb/s	NA
Unwanted Emissions above 1 GHz	C, D	802.11a	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s	NA
		802.11ac (VHT20)	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	NA
		802.11ac (VHT40)	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0	NA
		802.11ac (VHT80)	42, 58, 106, 122, 138, 155	BPSK	MCS0	NA
		802.11ax (HE20)	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	NA
		802.11ax (HE40)	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0	NA
		802.11ax (HE80)	42, 58, 106, 122, 138, 155	BPSK	MCS0	NA
		802.11ax (HE20) 26-tone RU	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	0, 4, 8 0, 4, 8 0, 4, 8, 8 0, 4, 8
		802.11ax (HE20) 52-tone RU	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	37, 38, 40 37, 38, 40 37, 38, 40, 40 37, 38, 40
		802.11ax (HE20) 106-tone RU	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	53, 53, 54 53, 53, 54 53, 53, 54, 54 53, 53, 54
EUT Configure Mode:	A	SDIO interface worst variant model using internal antenna No.1				
	B	SDIO interface worst variant model using external antenna No. 5				
	C	USB interface worst variant model using internal antenna No.1				
	D	USB interface worst variant model using external antenna No. 5				

Note:

1. The external antenna will fix transmission on Chain 1.
2. Channel puncturing and bandwidth reduction mechanisms are not supported.

3.5 Duty Cycle of Test Signal

802.11a: Duty cycle = 1.361 ms / 1.367 ms x 100% = 99.6%

802.11ac (VHT20): Duty cycle = 1.279 ms / 1.286 ms x 100% = 99.5%

802.11ac (VHT40): Duty cycle = 0.634 ms / 0.642 ms x 100% = 98.8%

802.11ac (VHT80): Duty cycle = 0.316 ms / 0.323 ms x 100% = 97.8%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.10 \text{ dB}$

802.11ax (HE20): Duty cycle = 0.988 ms / 0.993 ms x 100% = 99.5%

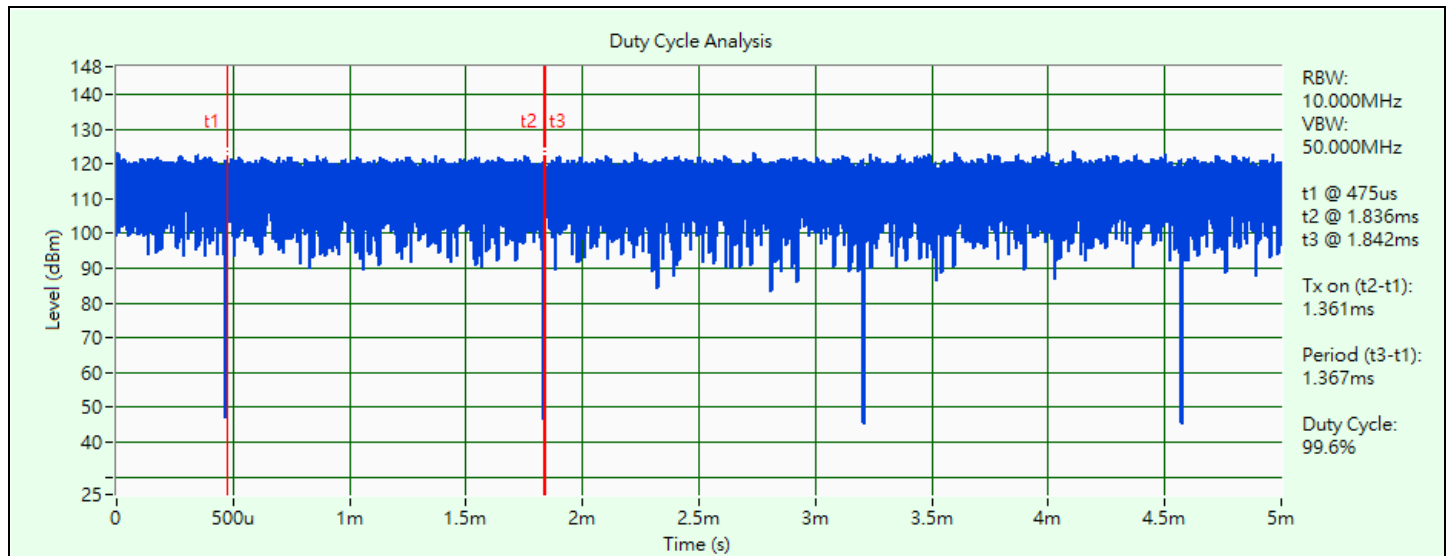
802.11ax (HE40): Duty cycle = 0.525 ms / 0.528 ms x 100% = 99.4%

802.11ax (HE80): Duty cycle = 0.28 ms / 0.286 ms x 100% = 97.9%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.09 \text{ dB}$

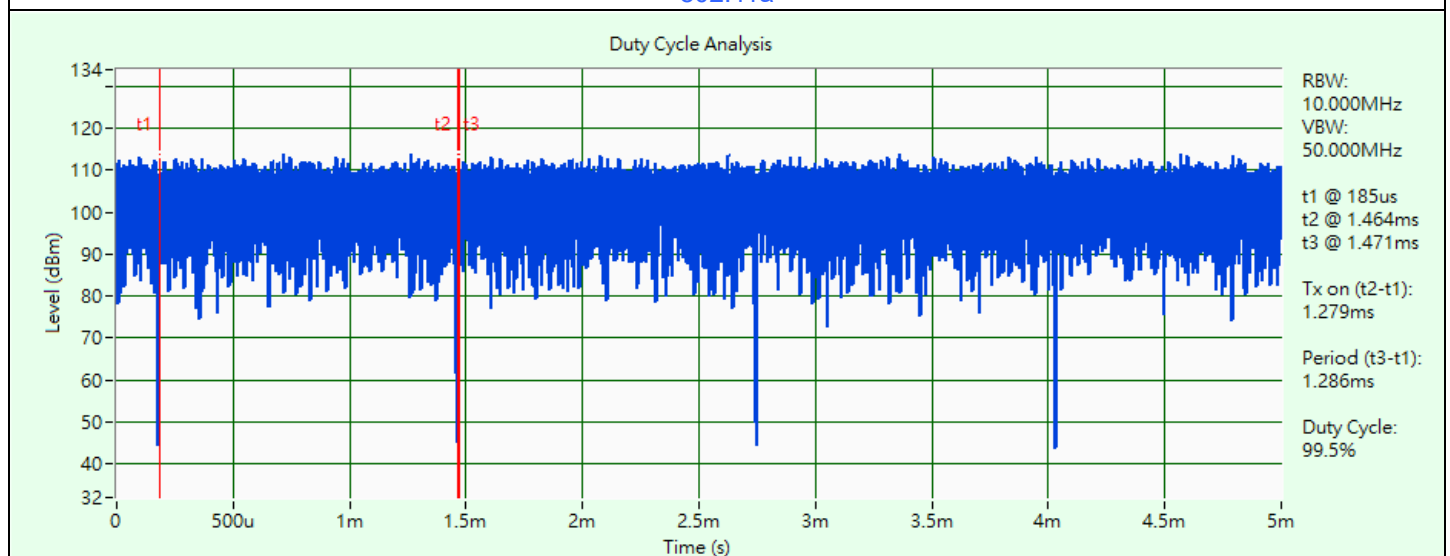
802.11ax (HE20) 26-tone RU: Duty cycle = 9.126 ms / 9.168 ms x 100% = 99.5%

802.11ax (HE20) 52-tone RU: Duty cycle = 4.604 ms / 4.609 ms x 100% = 99.9%

802.11ax (HE20) 106-tone RU: Duty cycle = 2.198 ms / 2.204 ms x 100% = 99.7%

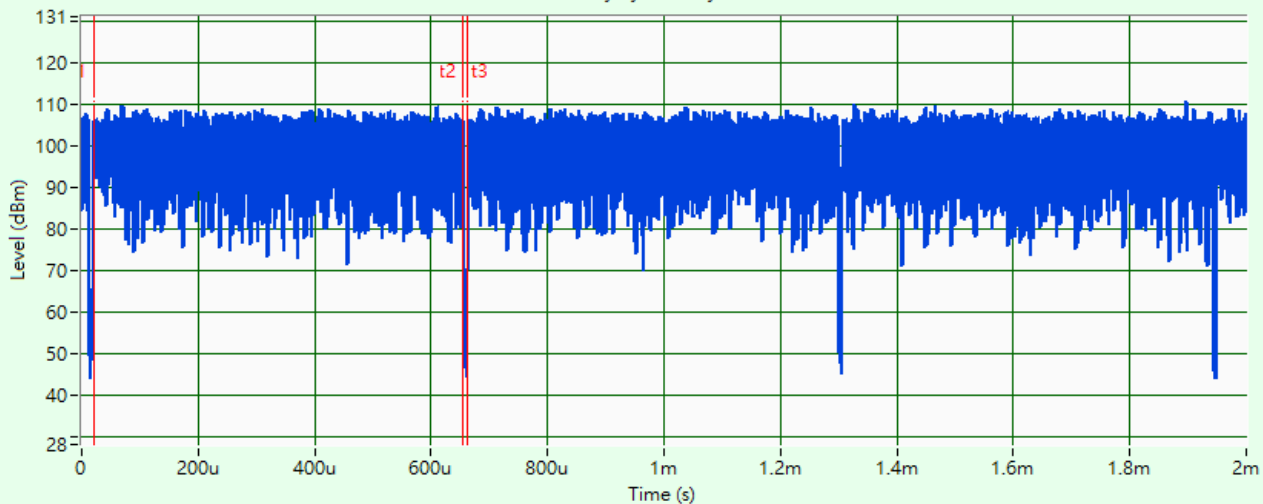


802.11a



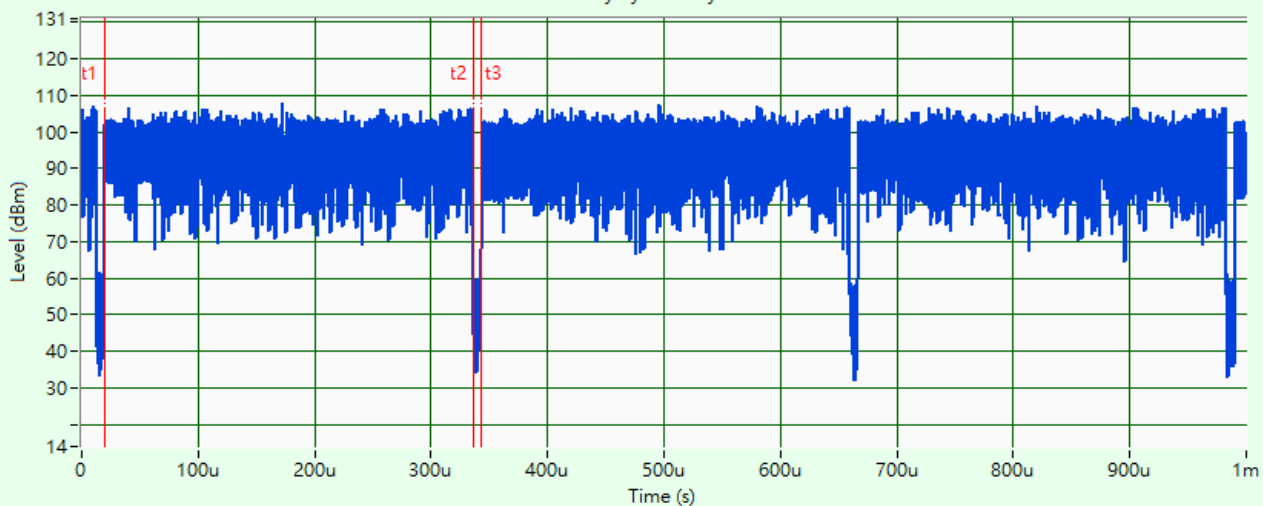
802.11ac (VHT20)

Duty Cycle Analysis



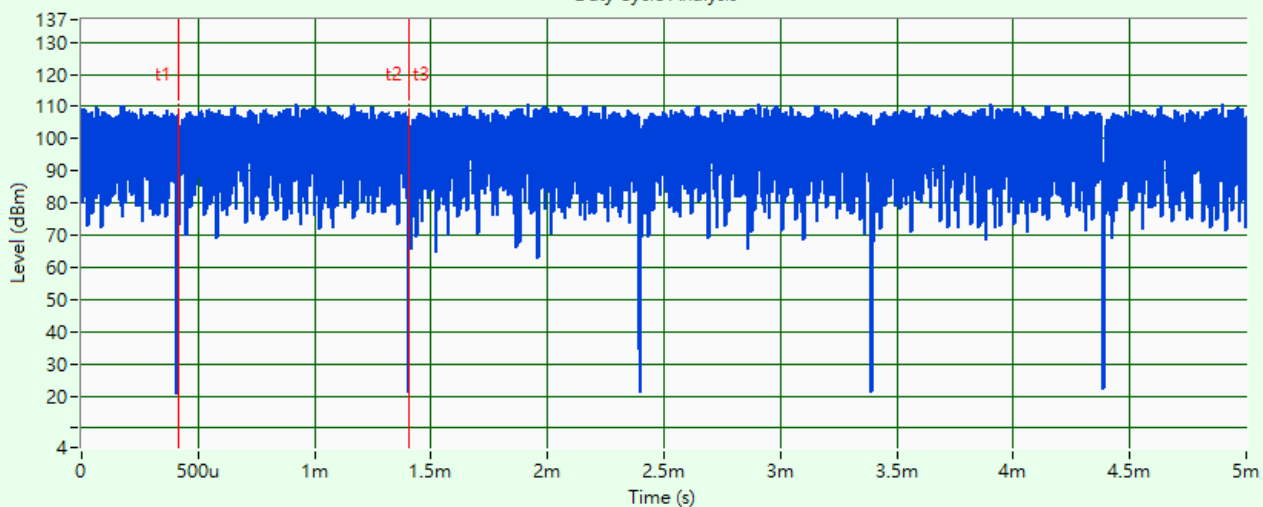
802.11ac (VHT40)

Duty Cycle Analysis



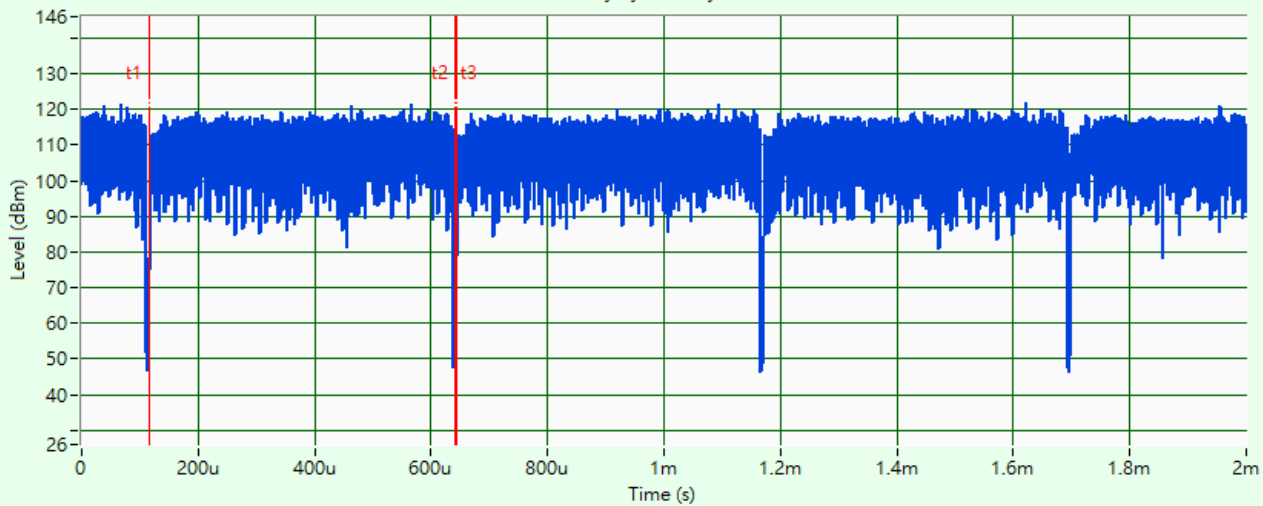
802.11ac (VHT80)

Duty Cycle Analysis



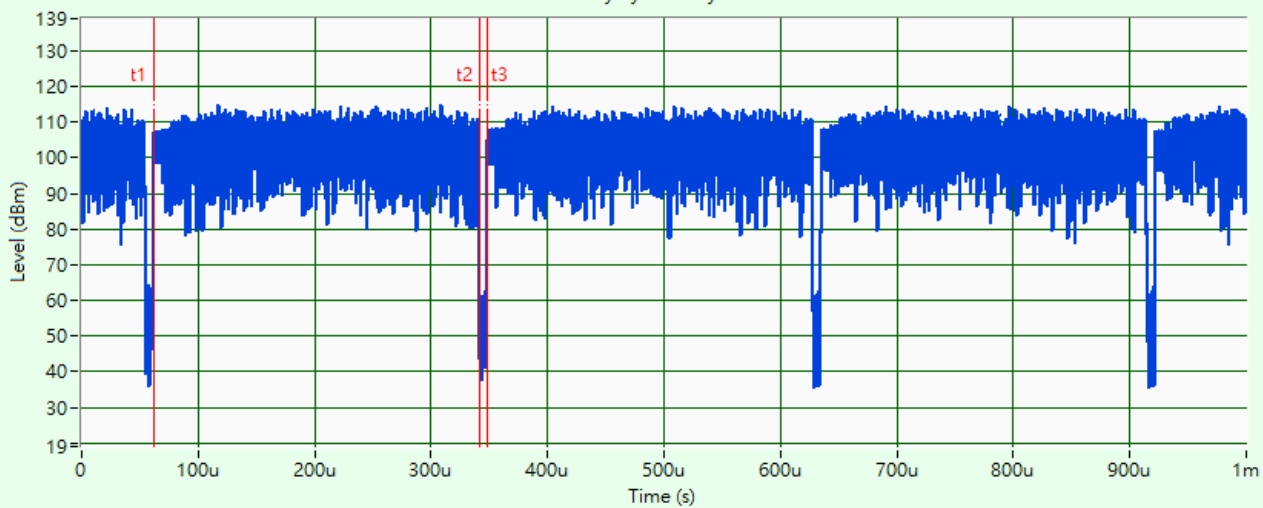
802.11ax (HE20)

Duty Cycle Analysis



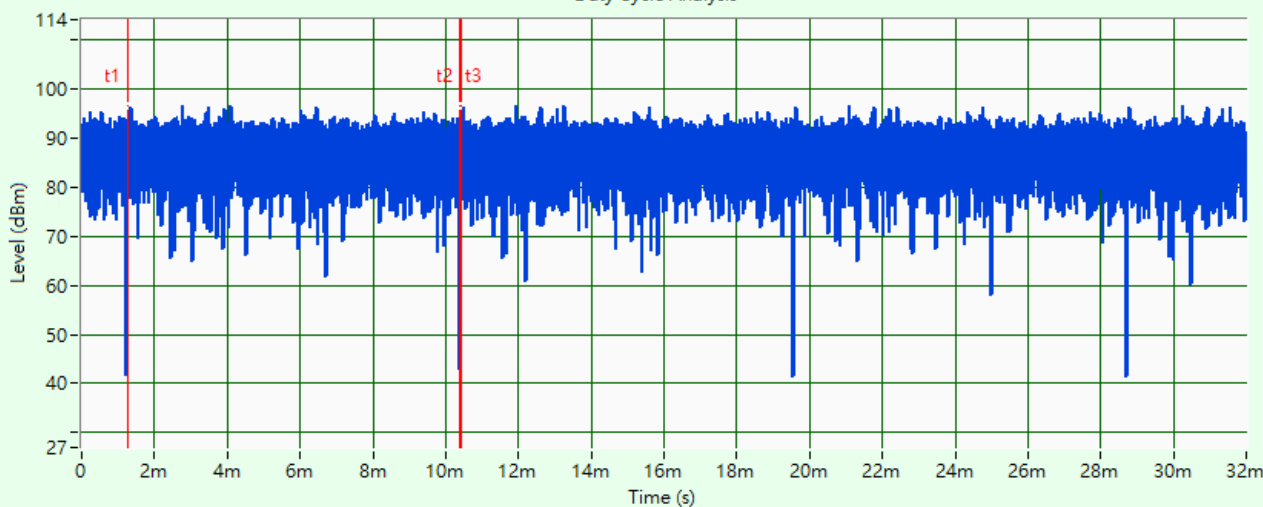
802.11ax (HE40)

Duty Cycle Analysis



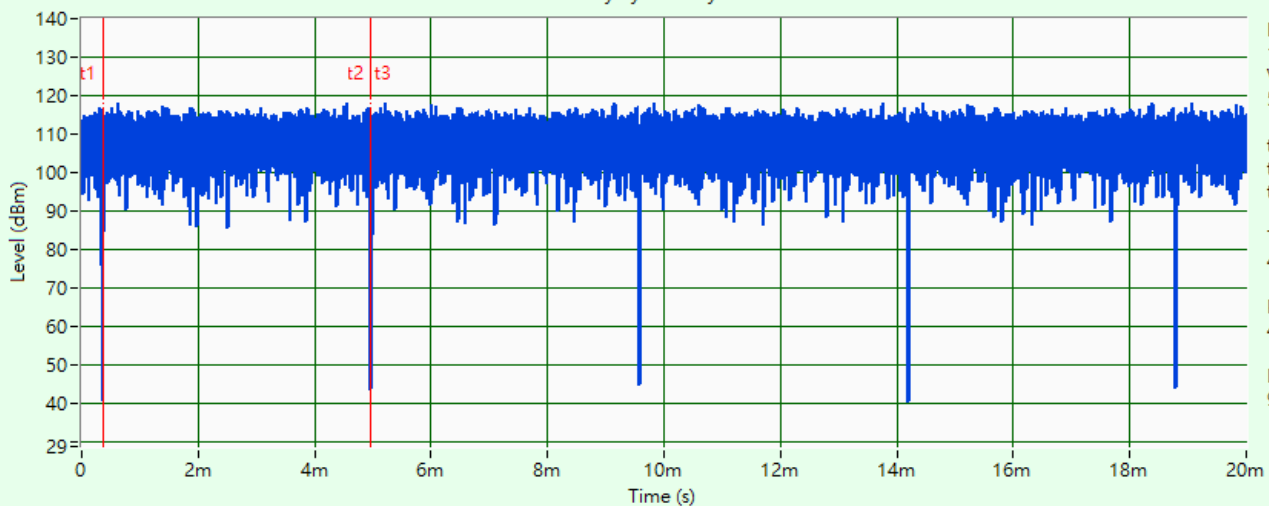
802.11ax (HE80)

Duty Cycle Analysis



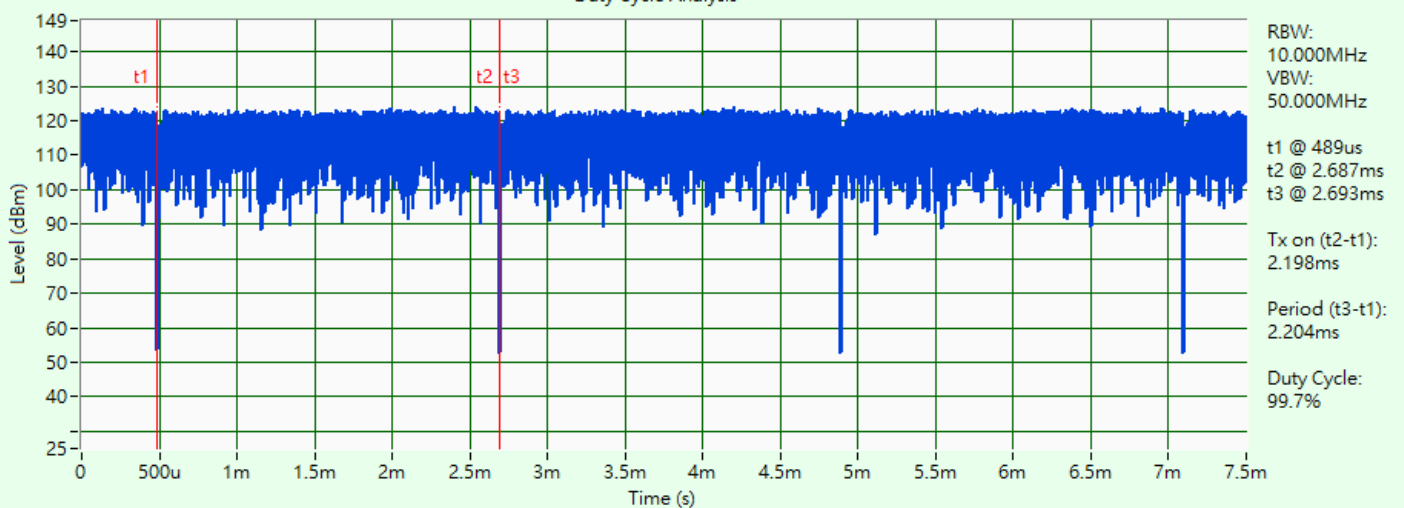
802.11ax (HE20) 26-tone RU

Duty Cycle Analysis



802.11ax (HE20) 52-tone RU

Duty Cycle Analysis



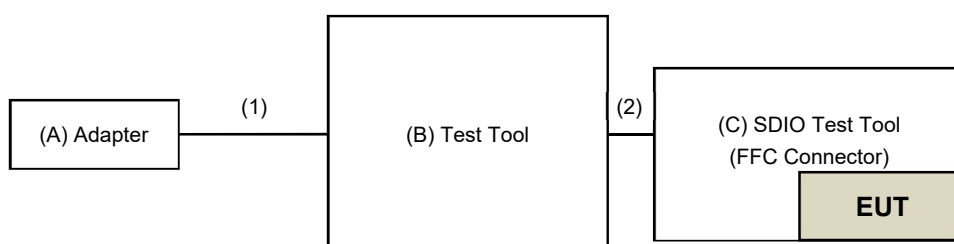
802.11ax (HE20) 106-tone RU

3.6 Test Program Used and Operation Descriptions

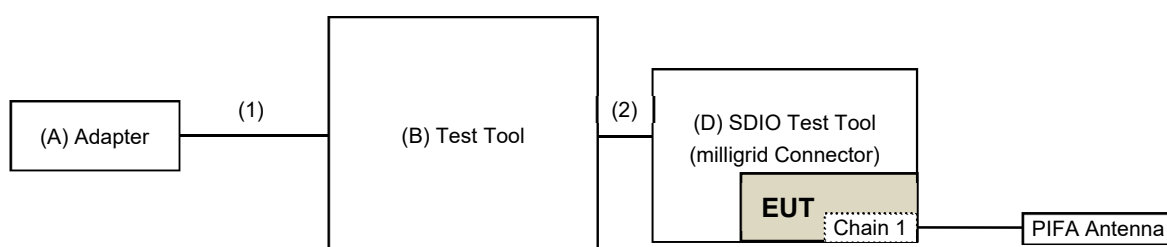
Controlling software (HyperTerminal paste WI-FI command.txt command) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices

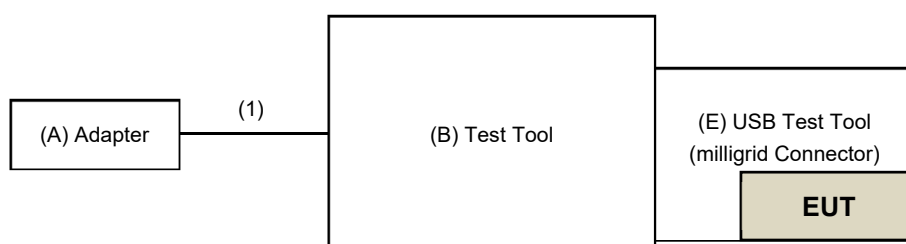
AC Power Conducted Emissions / Unwanted Emissions below 1 GHz Mode A (P/N: 0960-5937)



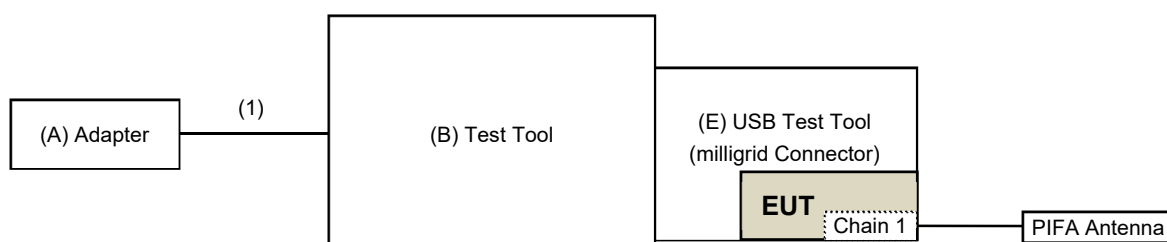
Mode B (P/N: 0960-5936)



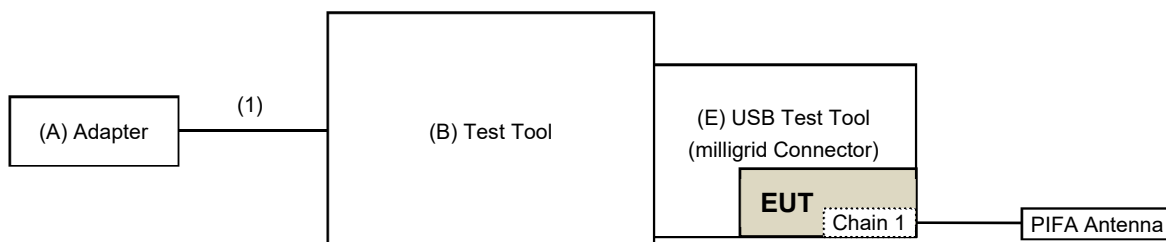
Mode C (P/N: 0960-5939)



Mode D (P/N: 0960-6200)



Unwanted Emissions above 1 GHz
Mode C, Mode D (P/N: 0960-6200)



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Adapter	ASUS	EXA1205UA	N/A	N/A	Provided by Lab
B	Test Tool	Realtek	N/A	N/A	N/A	Supplied by applicant
C	SDIO Test Tool (FFC Connector)	Realtek	N/A	N/A	N/A	Supplied by applicant
D	SDIO Test Tool (milligrig Connector)	Realtek	N/A	N/A	N/A	Supplied by applicant
E	USB Test Tool (milligrig Connector)	Realtek	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	1.4	Yes	0	Provided by Lab
2	Data Cable	1	0.05	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	2024/2/20	2025/2/19
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: 2024/3/8

4.2 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
MXA Signal Analyzer Keysight	N9020B	MY60112409	2024/2/20	2025/2/19
Pulse Power Sensor Anritsu	MA2411B	1726434	2023/6/19	2024/6/18
RF Power Meter Anritsu	ML2495A	1529002	2023/6/17	2024/6/16
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: 2024/3/8

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	2024/2/20	2025/2/19
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	2023/12/20	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: 2024/3/8

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	2024/2/19	2025/2/18
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	2024/2/19	2025/2/18
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: 2024/2/27

4.8 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-0842	2023/10/12	2024/10/11
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
EMI Test Receiver R&S	ESR7	102026	2023/4/6	2024/4/5
Fixed Attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-02	2023/12/12	2024/12/11
Loop Antenna Electro-Metrics	EM-6879	264	2024/2/23	2025/2/22
Preamplifier EMCI	EMC330N	980538	2023/4/6	2024/4/5
	EMC001340	980142	2024/2/19	2025/2/18
PXA Signal Analyzer Keysight	N9030B	MY57141948	2023/5/19	2024/5/18
RF Coaxial Cable JYEBAO	5D-FB	LOOPCAB-002	2024/2/19	2025/2/18
		LOOPCAB-001	2024/2/19	2025/2/18
RF Coaxial Cable PEWC	8D	966-5-1	2023/4/6	2024/4/5
		966-5-2	2023/4/6	2024/4/5
		966-5-3	2023/4/6	2024/4/5
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in 966 Chamber No. 5.
2. Tested Date: 2024/2/27

4.9 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
EMI Test Receiver R&S	ESR7	102026	2023/4/6	2024/4/5
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-1819	2023/11/12	2024/11/11
	BBHA 9170	9170-739	2023/11/12	2024/11/11
Preamplifier EMCI	EMC12630SE	980509	2023/4/7	2024/4/6
	EMC184045SE	980387	2023/8/9	2024/8/8
PXA Signal Analyzer Keysight	N9030B	MY57141948	2023/5/19	2024/5/18
RF Coaxial Cable EMCI	EMC102-KM-KM-4000	200214	2023/2/20 2024/1/29	2024/2/19 2025/1/28
	EMC102-KM-KM-1200	160924	2023/8/9	2024/8/8
	EMC104-SM-SM-6000	180506	2023/4/7	2024/4/6
	EMC104-SM-SM-2000	180501	2023/4/7	2024/4/6
	EMC104-SM-SM-1500	180503	2023/4/7	2024/4/6
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in 966 Chamber No. 5.
2. Tested Date: 2024/1/8 ~ 2024/3/7

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 (dBμV/m)	AV: 54 (dBμV/m)

For transmitters operating in the 5.15-5.25 GHz band:

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

For transmitters operating in the 5.25-5.35 GHz band:

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

For transmitters operating in the 5.47-5.725 GHz band:

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

For transmitters operating in the 5.725-5.850 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(4)(i)	PK: -27 (dBm/MHz) ^{*1}	PK: 68.2 (dBμV/m) ^{*1}
	PK: 10 (dBm/MHz) ^{*2}	PK: 105.2 (dBμV/m) ^{*2}
	PK: 15.6 (dBm/MHz) ^{*3}	PK: 110.8 (dBμV/m) ^{*3}
	PK: 27 (dBm/MHz) ^{*4}	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.

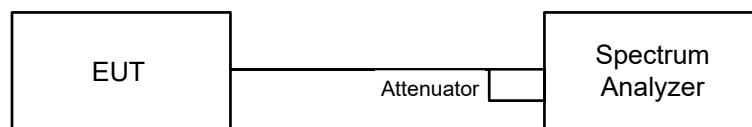
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

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

6 Test Arrangements

6.1 26 dB Bandwidth

6.1.1 Test Setup

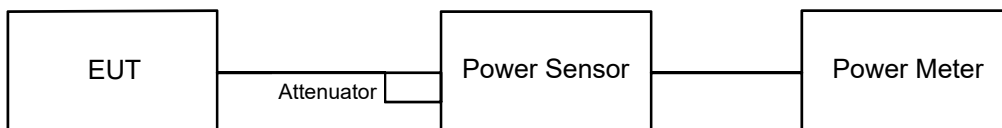


6.1.2 Test Procedure

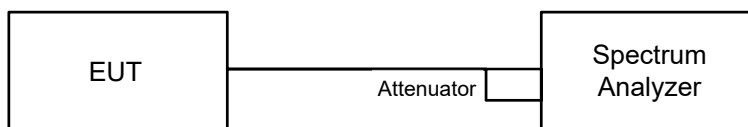
- Set RBW = approximately 1% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement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

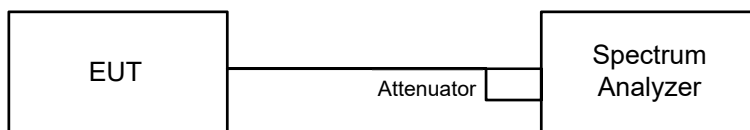
Method SA-2

- 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/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

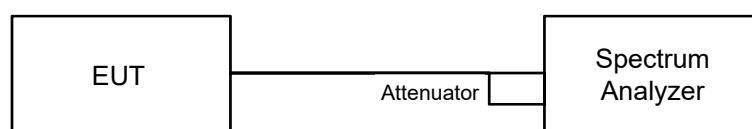
For specified measurement bandwidth 500 kHz:

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 $BWCF = 10\log(500 \text{ kHz}/300 \text{ kHz})$
- 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.
- 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 $10 \log (1/\text{duty cycle})$.

6.4 6 dB Bandwidth

6.4.1 Test Setup

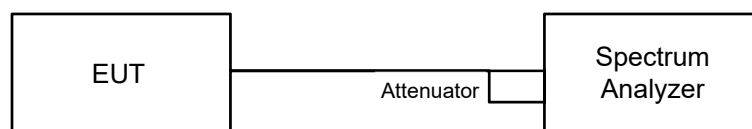


6.4.2 Test Procedure

- Set resolution bandwidth (RBW) = 100 kHz.
- Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$, Detector = Peak.
- Trace mode = max hold.
- Sweep = auto couple.
- 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

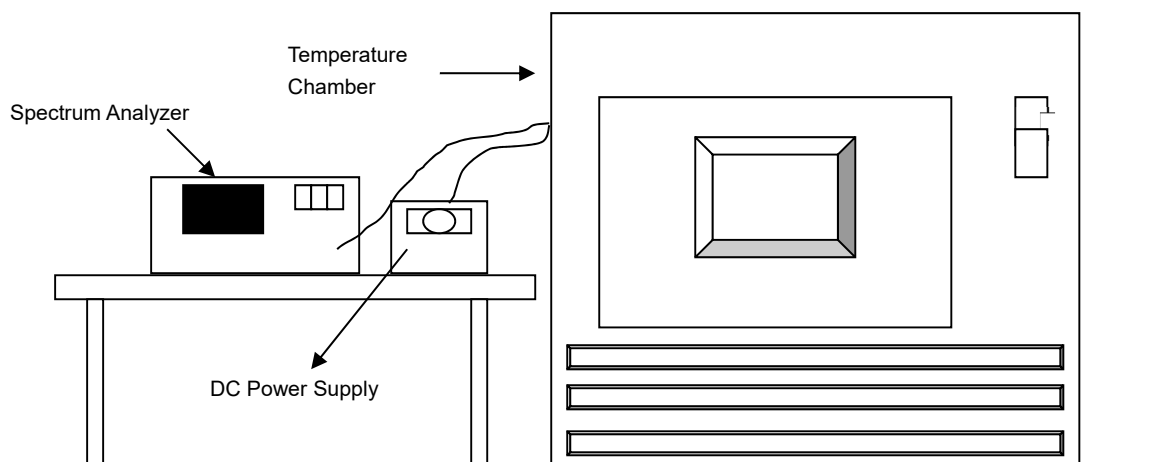


6.5.2 Test Procedure

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

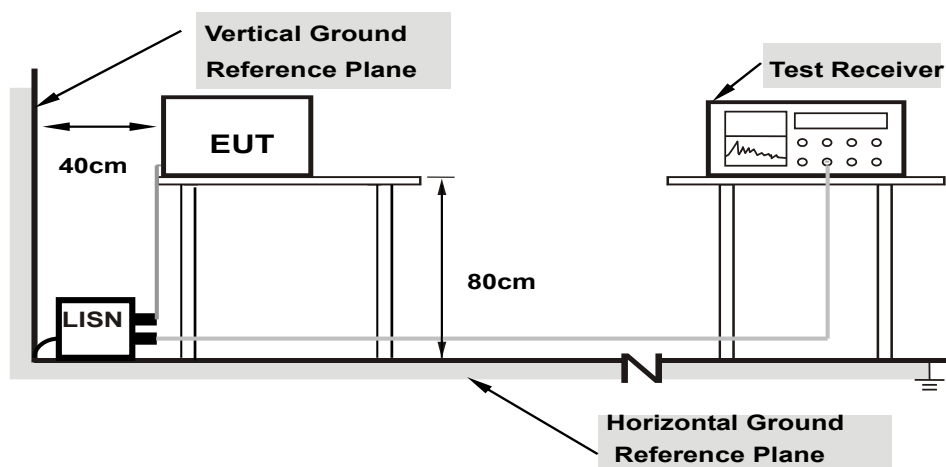


6.6.2 Test Procedure

- 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

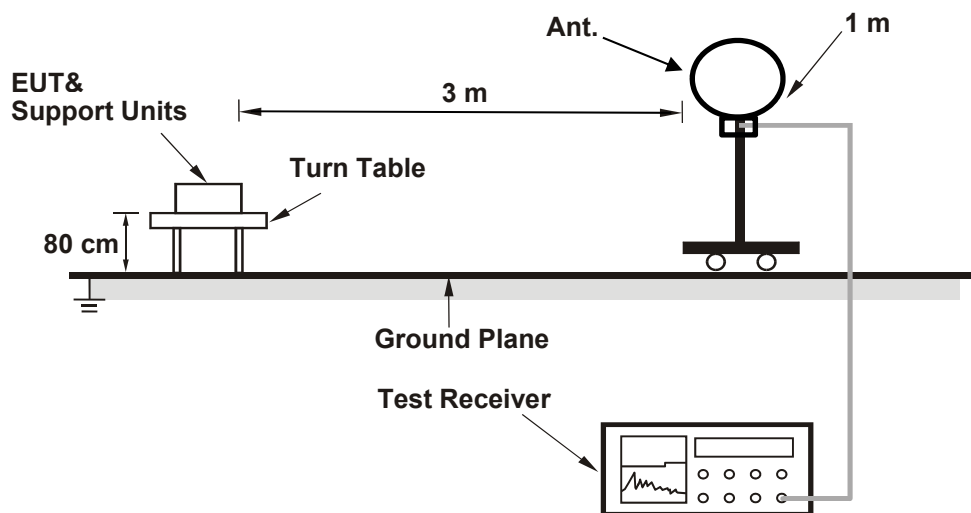
- The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The 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.

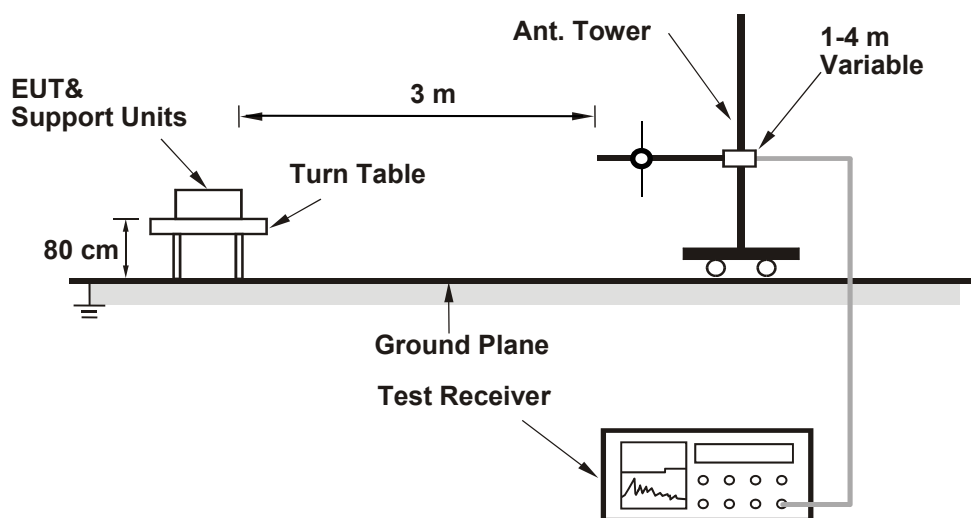
6.8 Unwanted Emissions below 1 GHz

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

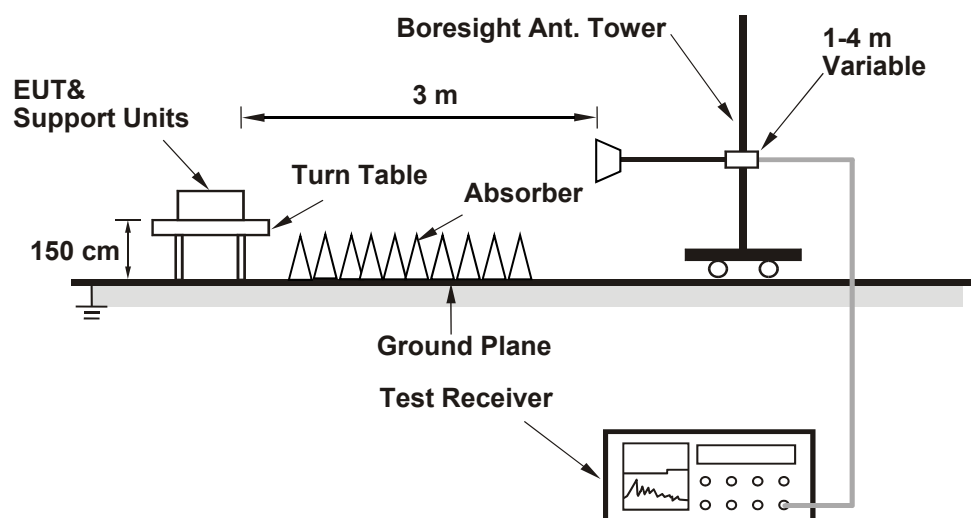
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the 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, 60% RH	Tested By:	Kevin Ko

802.11a

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
52	5260	18.38
60	5300	18.41
64	5320	18.46
100	5500	18.38
116	5580	34.13
140	5700	18.45
144 (U-NII-2C)	5720	22.54
144 (U-NII-3)	5720	11.35

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	18.38	23.64	<	24
60	5300	18.41	23.65	<	24
64	5320	18.46	23.66	<	24
100	5500	18.38	23.64	<	24
116	5580	34.13	26.33	>	24
140	5700	18.45	23.65	<	24
144 (U-NII-2C)	5720	22.54	24.52	>	24

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

802.11ac (VHT20)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
52	5260	19.28
60	5300	19.26
64	5320	19.29
100	5500	19.4
116	5580	19.4
140	5700	19.31
144 (U-NII-2C)	5720	22.93
144 (U-NII-3)	5720	15.1

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	19.28	23.85 < 24
60	5300	19.26	23.84 < 24
64	5320	19.29	23.85 < 24
100	5500	19.40	23.87 < 24
116	5580	19.40	23.87 < 24
140	5700	19.31	23.85 < 24
144 (U-NII-2C)	5720	22.93	24.6 > 24

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

802.11ac (VHT40)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
54	5270	39.17
62	5310	38.9
102	5510	39.32
110	5550	39.33
134	5670	39.2
142 (U-NII-2C)	5710	48.85
142 (U-NII-3)	5710	24.44

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	39.17	26.92	>	24
62	5310	38.90	26.89	>	24
102	5510	39.32	26.94	>	24
110	5550	39.33	26.94	>	24
134	5670	39.20	26.93	>	24
142 (U-NII-2C)	5710	48.85	27.88	>	24

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

802.11ac (VHT80)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
58	5290	86.78
106	5530	86.9
122	5610	153.24
138 (U-NII-2C)	5690	111.94
138 (U-NII-3)	5690	62.43

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	86.78	30.38	>	24
106	5530	86.90	30.39	>	24
122	5610	153.24	32.85	>	24
138 (U-NII-2C)	5690	111.94	31.48	>	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	20.66
60	5300	20.7
64	5320	20.6
100	5500	20.59
116	5580	27.11
140	5700	20.7
144 (U-NII-2C)	5720	17.47
144 (U-NII-3)	5720	11.03

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	20.66	24.15 > 24
60	5300	20.70	24.15 > 24
64	5320	20.60	24.13 > 24
100	5500	20.59	24.13 > 24
116	5580	27.11	25.33 > 24
140	5700	20.70	24.15 > 24
144 (U-NII-2C)	5720	17.47	23.42 < 24

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

802.11ax (HE40)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
54	5270	40.01
62	5310	39.98
102	5510	40.06
110	5550	39.88
134	5670	39.83
142 (U-NII-2C)	5710	40.81
142 (U-NII-3)	5710	23.1

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
54	5270	40.01	27.02 > 24
62	5310	39.98	27.01 > 24
102	5510	40.06	27.02 > 24
110	5550	39.88	27 > 24
134	5670	39.83	27 > 24
142 (U-NII-2C)	5710	40.81	27.1 > 24

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

802.11ax (HE80)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
58	5290	81.62
106	5530	81.74
122	5610	81.38
138 (U-NII-2C)	5690	76.09
138 (U-NII-3)	5690	5.7

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
58	5290	81.62	30.11 > 24
106	5530	81.74	30.12 > 24
122	5610	81.38	30.1 > 24
138 (U-NII-2C)	5690	76.09	29.81 > 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	17.88
64	5320	19.22
100	5500	19.23
116	5580	17.94
140	5700	19.17
144 (U-NII-2C)	5720	14.04
144 (U-NII-3)	5720	5.75

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	19.26	23.84 < 24
60	5300	17.88	23.52 < 24
64	5320	19.22	23.83 < 24
100	5500	19.23	23.83 < 24
116	5580	17.94	23.53 < 24
140	5700	19.17	23.82 < 24
144 (U-NII-2C)	5720	14.04	22.47 < 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	19.36
60	5300	18.17
64	5320	19.36
100	5500	19.36
116	5580	18.16
140	5700	19.31
144 (U-NII-2C)	5720	14.21
144 (U-NII-3)	5720	7.29

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	19.36	23.86 < 24
60	5300	18.17	23.59 < 24
64	5320	19.36	23.86 < 24
100	5500	19.36	23.86 < 24
116	5580	18.16	23.59 < 24
140	5700	19.31	23.85 < 24
144 (U-NII-2C)	5720	14.21	22.52 < 24

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

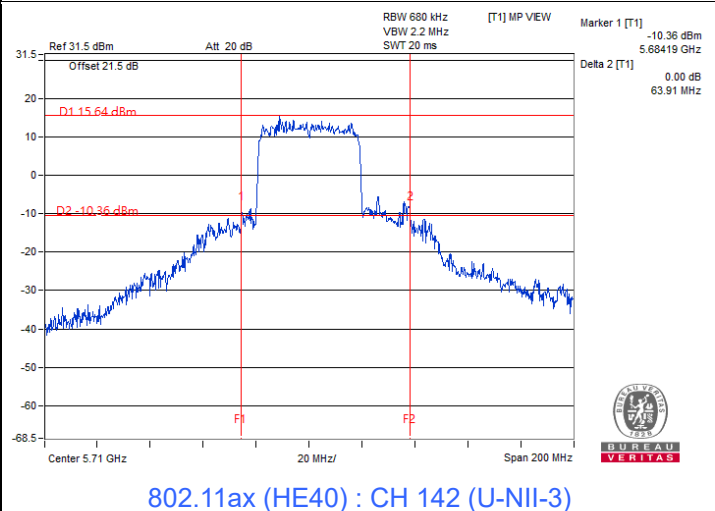
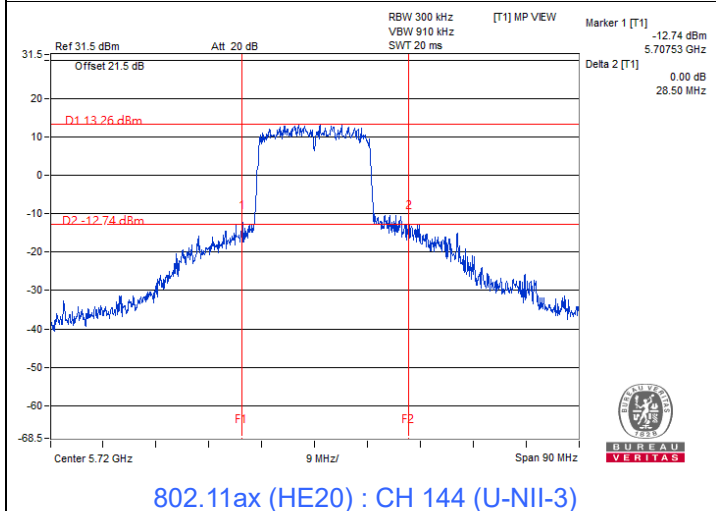
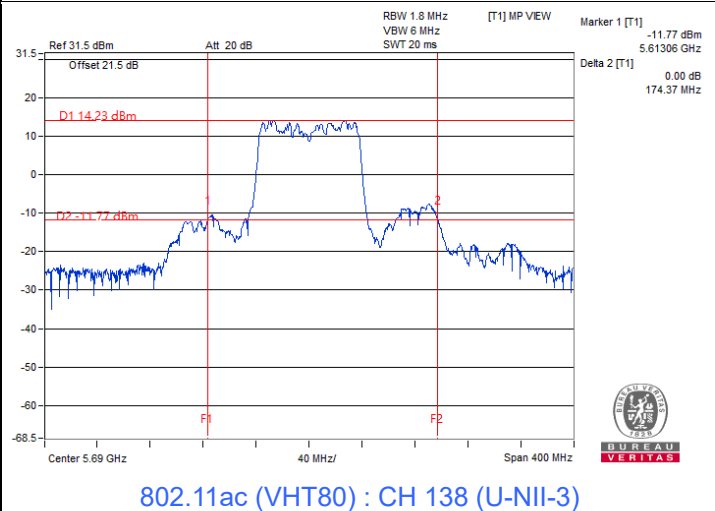
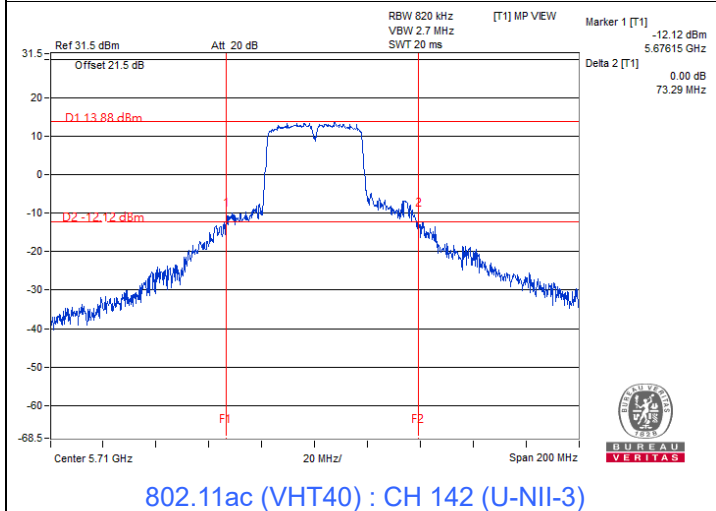
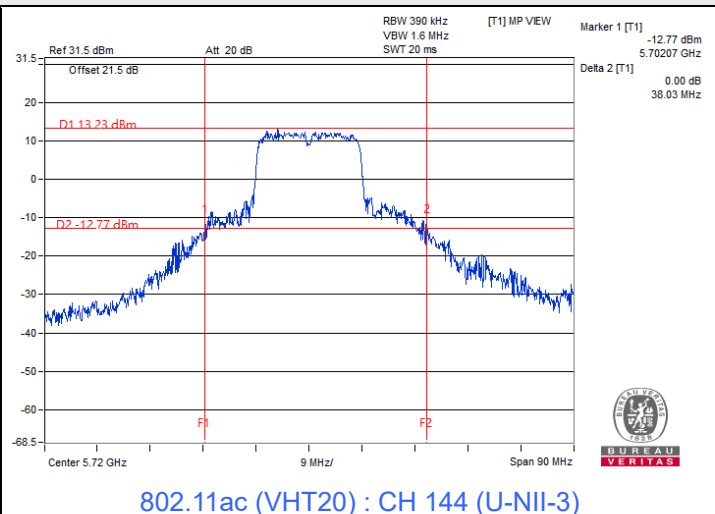
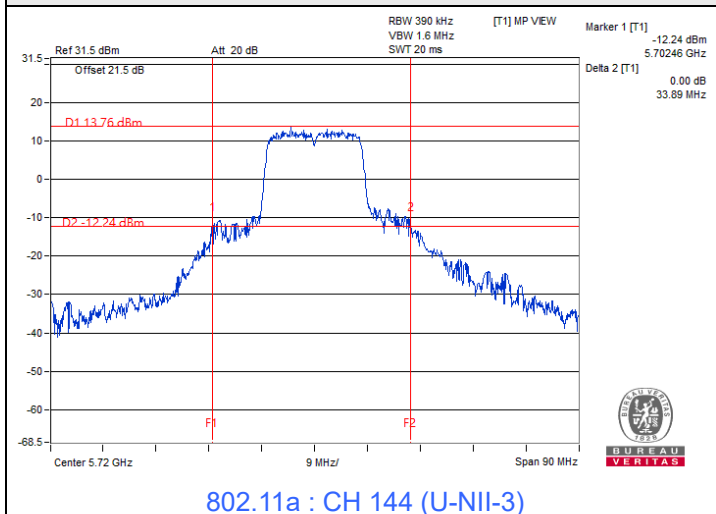
802.11ax (HE20) 106-tone RU

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
52	5260	19.38
60	5300	19.34
64	5320	19.39
100	5500	19.37
116	5580	22.91
140	5700	19.37
144 (U-NII-2C)	5720	14.35
144 (U-NII-3)	5720	9.01

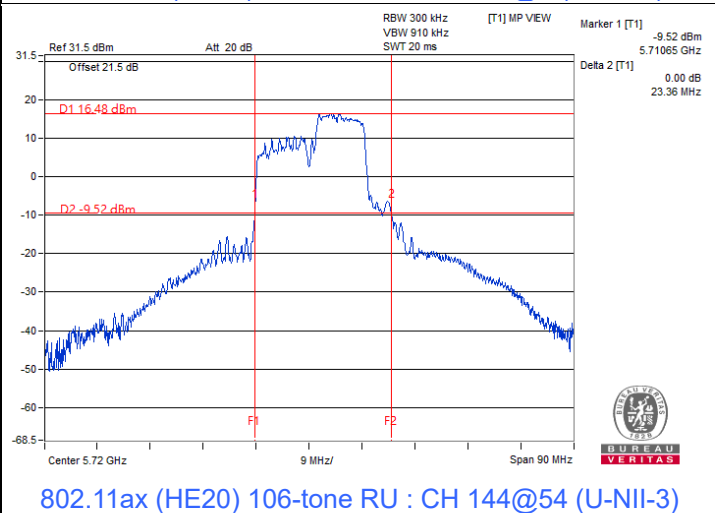
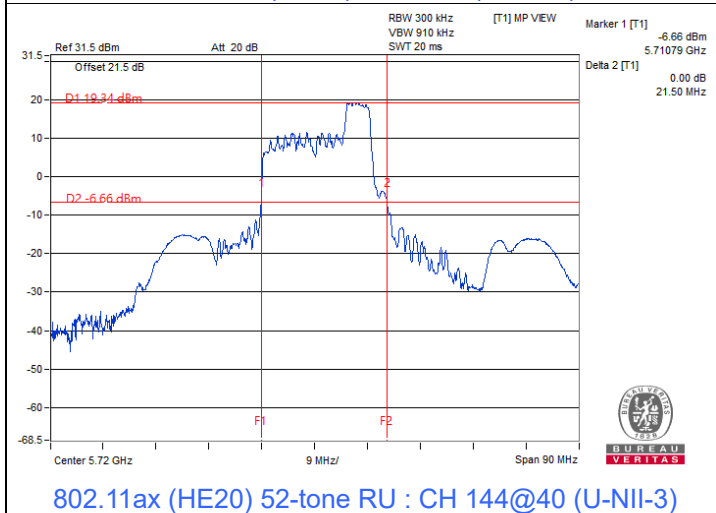
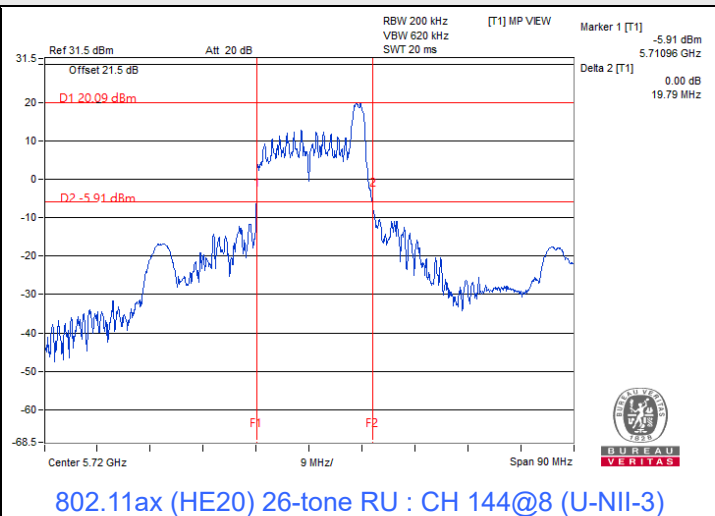
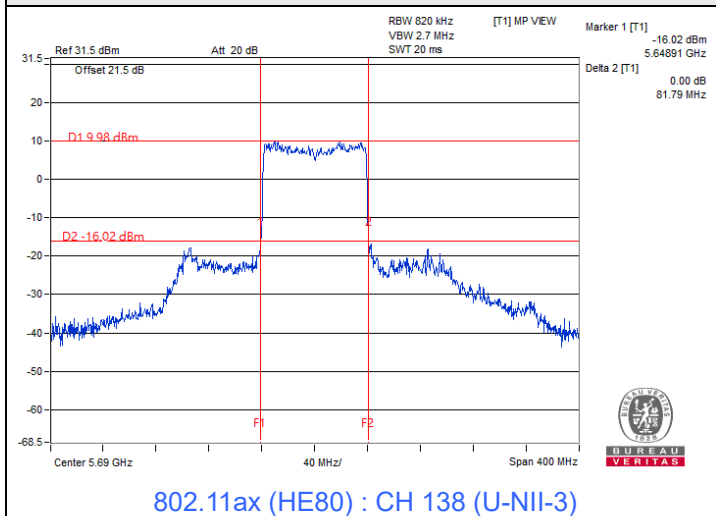
Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	19.38	23.87 < 24
60	5300	19.34	23.86 < 24
64	5320	19.39	23.87 < 24
100	5500	19.37	23.87 < 24
116	5580	22.91	24.6 > 24
140	5700	19.37	23.87 < 24
144 (U-NII-2C)	5720	14.35	22.56 < 24

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

Spectrum Plot of Minimum Value



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, 60% RH	Tested By:	Kevin Ko

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
36	5180	56.885	17.55	24	Pass
40	5200	57.28	17.58	24	Pass
48	5240	58.614	17.68	24	Pass
52	5260	66.527	18.23	23.64	Pass
60	5300	65.013	18.13	23.65	Pass
64	5320	64.863	18.12	23.66	Pass
100	5500	66.527	18.23	23.64	Pass
116	5580	139.959	21.46	24	Pass
140	5700	76.033	18.81	23.65	Pass
*144 (U-NII-2C)	5720	94.189	19.74	24	Pass
*144 (U-NII-3)	5720	20.045	13.02	30	Pass
149	5745	140.605	21.48	30	Pass
157	5785	137.404	21.38	30	Pass
165	5825	136.773	21.36	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 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
36	5180	60.256	17.80	24	Pass
40	5200	61.235	17.87	24	Pass
48	5240	61.66	17.90	24	Pass
52	5260	62.373	17.95	23.85	Pass
60	5300	61.376	17.88	23.84	Pass
64	5320	62.087	17.93	23.85	Pass
100	5500	72.611	18.61	23.87	Pass
116	5580	133.352	21.25	23.87	Pass
140	5700	52.481	17.20	23.85	Pass
*144 (U-NII-2C)	5720	87.902	19.44	24	Pass
*144 (U-NII-3)	5720	21.232	13.27	30	Pass
149	5745	133.968	21.27	30	Pass
157	5785	135.207	21.31	30	Pass
165	5825	136.458	21.35	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 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
38	5190	48.865	16.89	24	Pass
46	5230	62.373	17.95	24	Pass
54	5270	61.094	17.86	24	Pass
62	5310	44.771	16.51	24	Pass
102	5510	40.272	16.05	24	Pass
110	5550	76.913	18.86	24	Pass
134	5670	55.463	17.44	24	Pass
*142 (U-NII-2C)	5710	110.917	20.45	24	Pass
*142 (U-NII-3)	5710	9.183	9.63	30	Pass
151	5755	135.831	21.33	30	Pass
159	5795	134.276	21.28	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 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
42	5210	30.269	14.81	24	Pass
58	5290	31.989	15.05	24	Pass
106	5530	41.495	16.18	24	Pass
122	5610	76.56	18.84	24	Pass
*138 (U-NII-2C)	5690	67.689	18.31	24	Pass
*138 (U-NII-3)	5690	3.528	5.48	30	Pass
155	5775	95.06	19.78	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- For U-NII-1, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
36	5180	63.533	18.03	24	Pass
40	5200	63.241	18.01	24	Pass
48	5240	64.417	18.09	24	Pass
52	5260	65.766	18.18	24	Pass
60	5300	64.269	18.08	24	Pass
64	5320	63.973	18.06	24	Pass
100	5500	74.473	18.72	24	Pass
116	5580	139.637	21.45	24	Pass
140	5700	54.828	17.39	24	Pass
*144 (U-NII-2C)	5720	94.189	19.74	23.42	Pass
*144 (U-NII-3)	5720	24.21	13.84	30	Pass
149	5745	139.959	21.46	30	Pass
157	5785	139.637	21.45	30	Pass
165	5825	138.995	21.43	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 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
38	5190	50.466	17.03	24	Pass
46	5230	64.417	18.09	24	Pass
54	5270	64.121	18.07	24	Pass
62	5310	47.534	16.77	24	Pass
102	5510	41.495	16.18	24	Pass
110	5550	77.983	18.92	24	Pass
134	5670	56.885	17.55	24	Pass
*142 (U-NII-2C)	5710	112.72	20.52	24	Pass
*142 (U-NII-3)	5710	9.886	9.95	30	Pass
151	5755	140.281	21.47	30	Pass
159	5795	139.959	21.46	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 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
42	5210	31.989	15.05	24	Pass
58	5290	33.497	15.25	24	Pass
106	5530	42.954	16.33	24	Pass
122	5610	78.524	18.95	24	Pass
*138 (U-NII-2C)	5690	74.681	18.73	24	Pass
*138 (U-NII-3)	5690	4.347	6.38	30	Pass
155	5775	98.855	19.95	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- For U-NII-1, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 4.5 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	11.376	10.56	24	Pass
40	5200	11.246	10.51	24	Pass
48	5240	11.272	10.52	24	Pass
52	5260	37.068	15.69	23.84	Pass
60	5300	40.832	16.11	23.52	Pass
64	5320	36.559	15.63	23.83	Pass
100	5500	36.644	15.64	23.83	Pass
116	5580	40.926	16.12	23.53	Pass
140	5700	37.068	15.69	23.82	Pass
*144 (U-NII-2C)	5720	0.6457	-1.90	22.47	Pass
*144 (U-NII-3)	5720	116.145	20.65	30	Pass
149	5745	133.352	21.25	30	Pass
157	5785	129.718	21.13	30	Pass
165	5825	130.017	21.14	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 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 4.5 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	20.464	13.11	24	Pass
40	5200	20.941	13.21	24	Pass
48	5240	20.654	13.15	24	Pass
52	5260	66.069	18.20	23.86	Pass
60	5300	64.714	18.11	23.59	Pass
64	5320	65.313	18.15	23.86	Pass
100	5500	74.473	18.72	23.86	Pass
116	5580	78.524	18.95	23.59	Pass
140	5700	77.446	18.89	23.85	Pass
*144 (U-NII-2C)	5720	2.864	4.57	22.52	Pass
*144 (U-NII-3)	5720	128.233	21.08	30	Pass
149	5745	128.825	21.10	30	Pass
157	5785	129.122	21.11	30	Pass
165	5825	130.317	21.15	30	Pass

Notes:

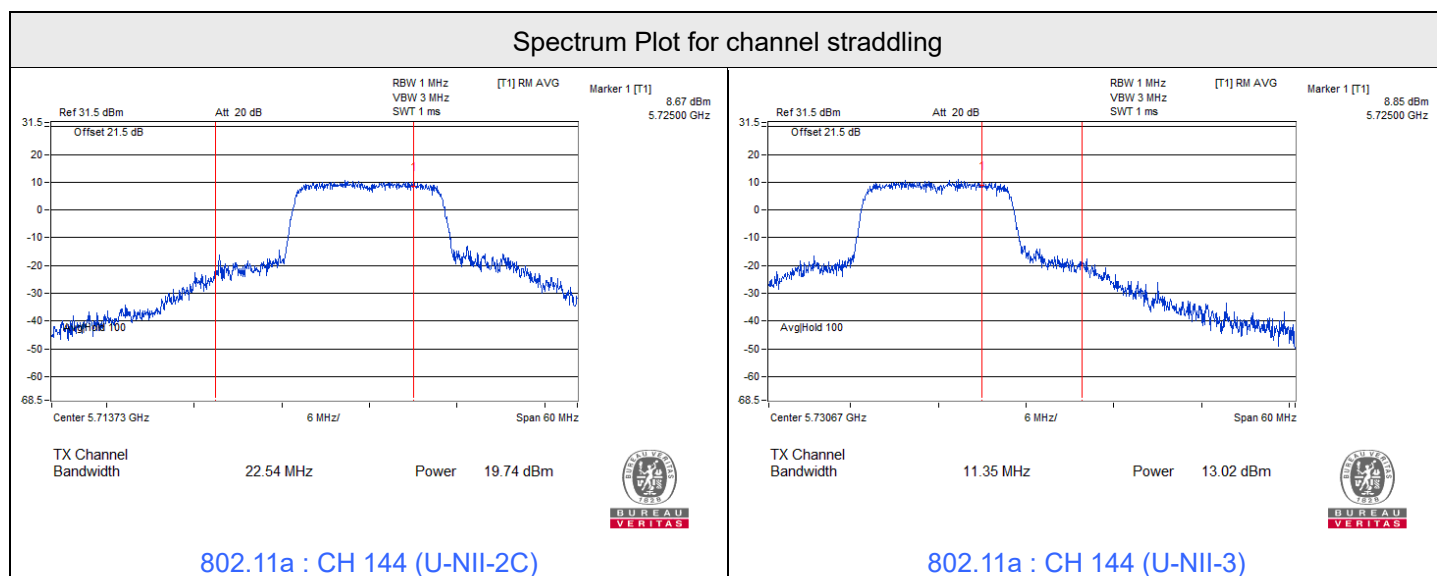
- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- For U-NII-1, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20) 106-tone RU

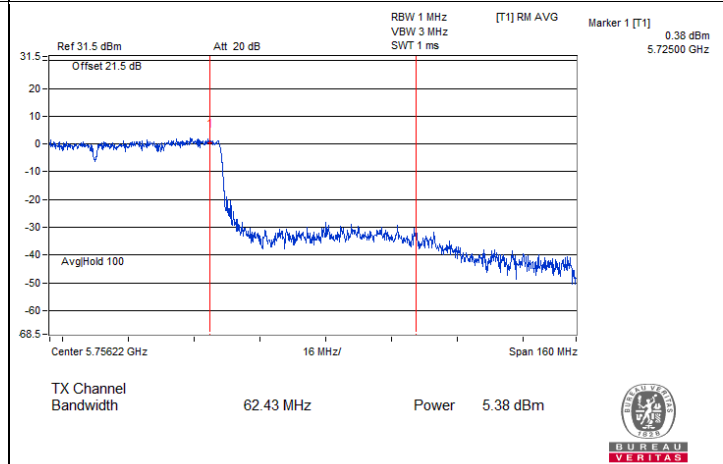
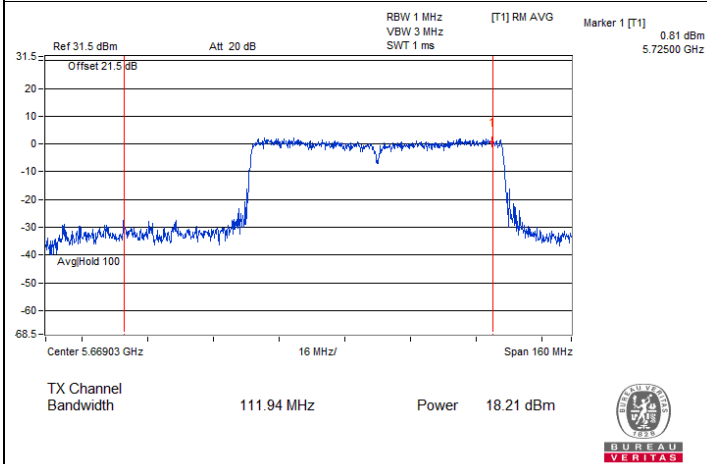
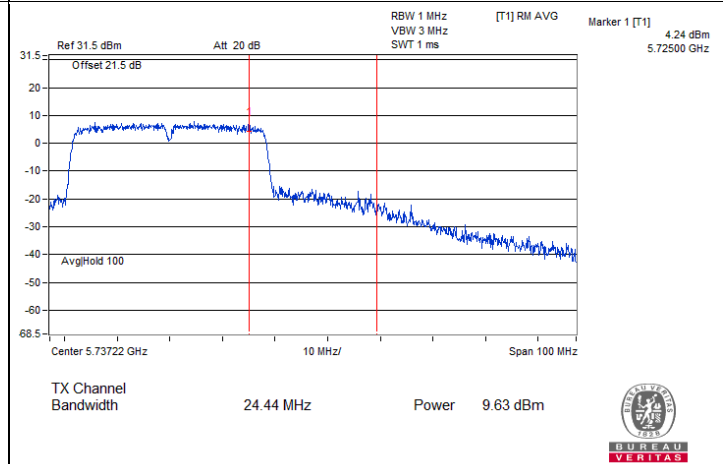
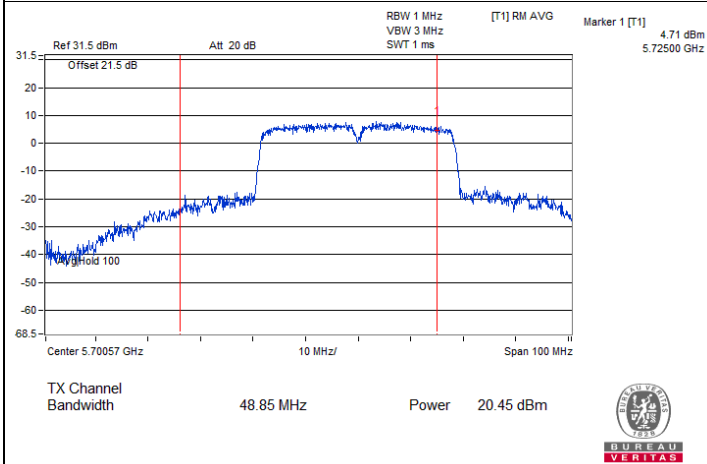
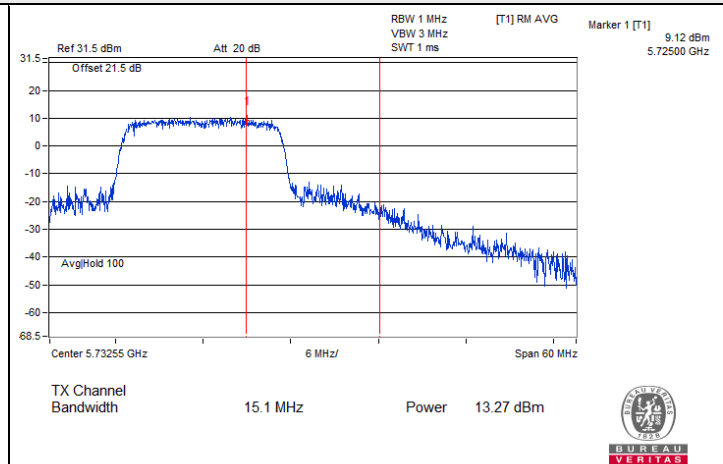
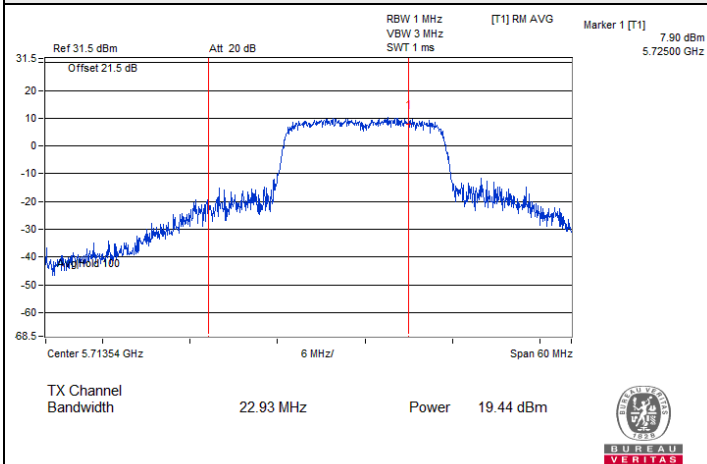
Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Power Limit (dBm)	Test Result
36	5180	36.898	15.67	24	Pass
40	5200	36.392	15.61	24	Pass
48	5240	36.983	15.68	24	Pass
52	5260	65.013	18.13	23.87	Pass
60	5300	65.313	18.15	23.86	Pass
64	5320	64.417	18.09	23.87	Pass
100	5500	74.645	18.73	23.87	Pass
116	5580	130.617	21.16	24	Pass
140	5700	75.162	18.76	23.87	Pass
*144 (U-NII-2C)	5720	60.674	17.83	22.56	Pass
*144 (U-NII-3)	5720	56.885	17.55	30	Pass
149	5745	128.233	21.08	30	Pass
157	5785	127.644	21.06	30	Pass
165	5825	127.35	21.05	30	Pass

Notes:

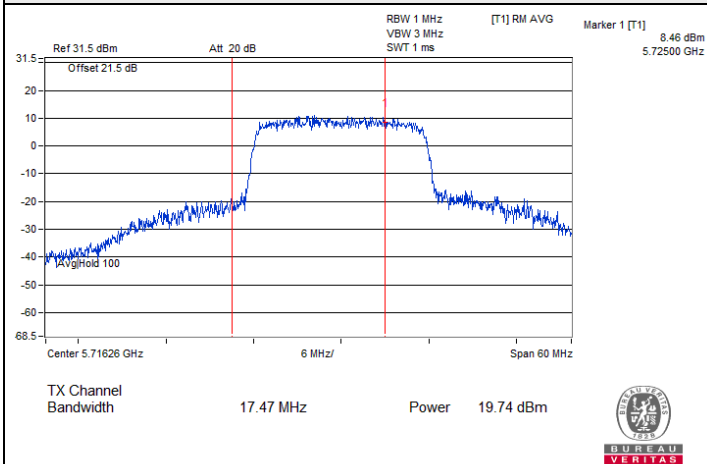
- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- For U-NII-1, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the output power limit shall not be reduced.



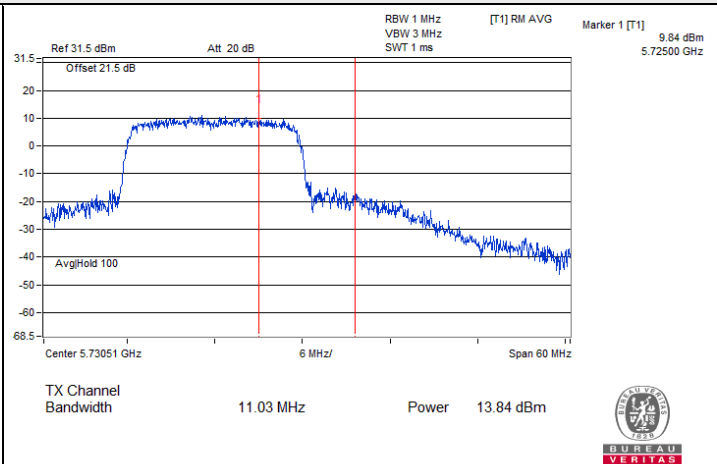
Spectrum Plot for channel straddling



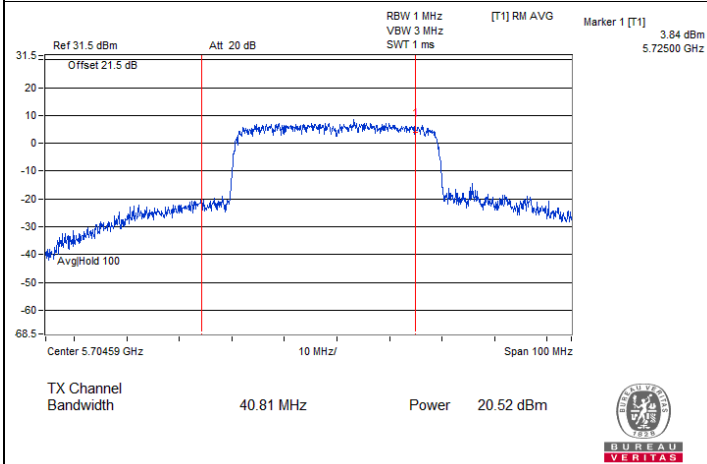
Spectrum Plot for channel straddling



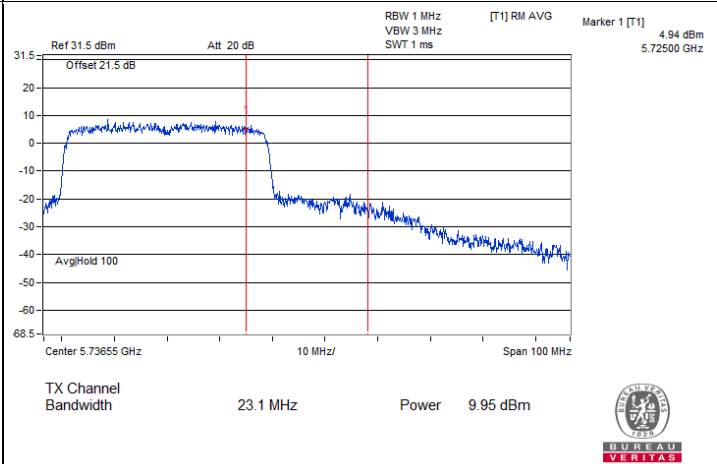
802.11ax (HE20) : CH 144 (U-NII-2C)



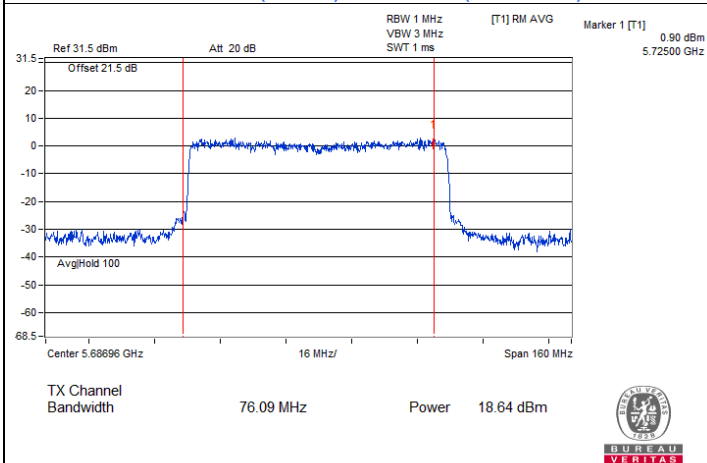
802.11ax (HE20) : CH 144 (U-NII-3)



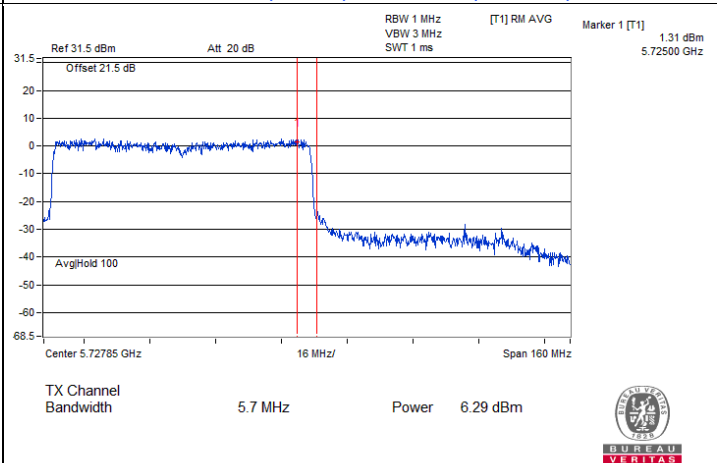
802.11ax (HE40) : CH 142 (U-NII-2C)



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

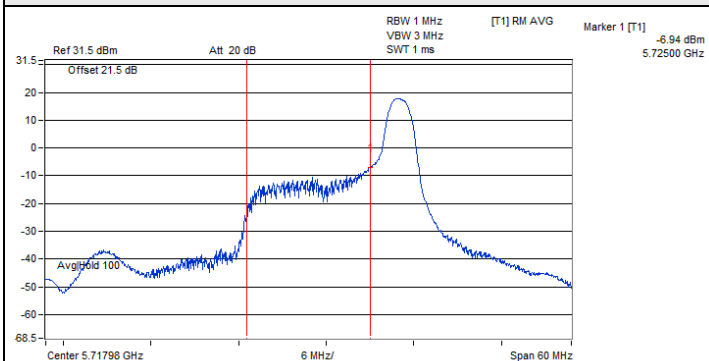


802.11ax (HE80) : CH 138 (U-NII-2C)

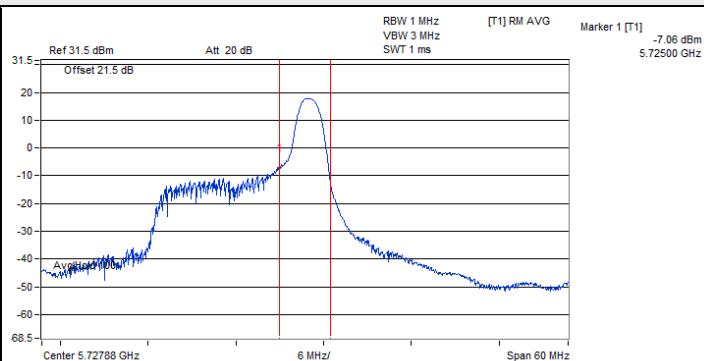


802.11ax (HE80) : CH 138 (U-NII-3)

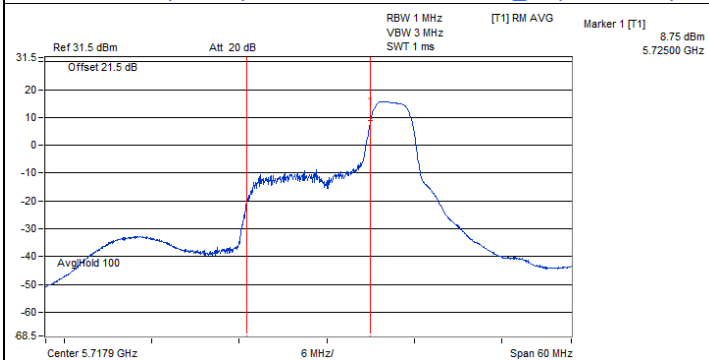
Spectrum Plot for channel straddling



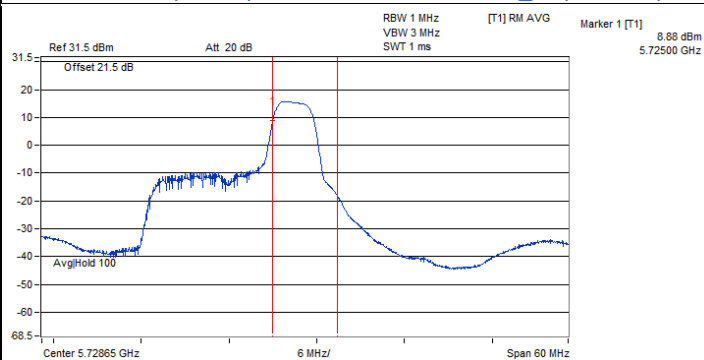
802.11ax (HE20) 26-tone RU : CH 144@8 (U-NII-2C)



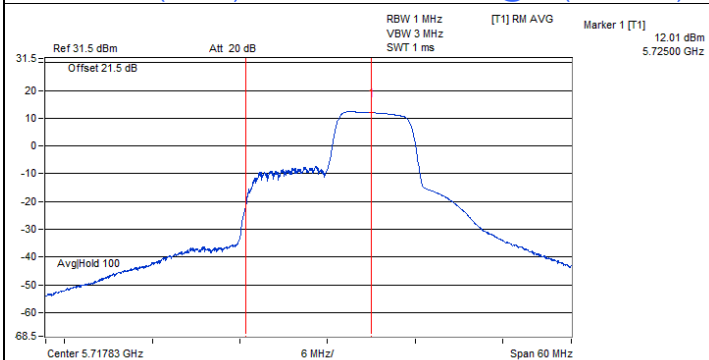
802.11ax (HE20) 26-tone RU : CH 144@8 (U-NII-3)



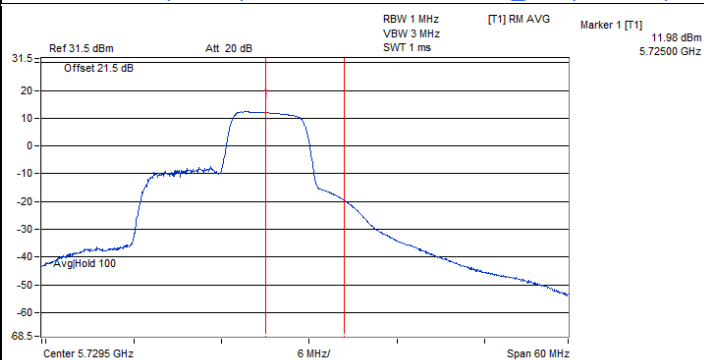
802.11ax (HE20) 52-tone RU : CH 144@40 (U-NII-2C)



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, 60% RH	Tested By:	Kevin Ko

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	3.55	11	Pass
40	5200	3.62	11	Pass
48	5240	3.61	11	Pass
52	5260	4.15	11	Pass
60	5300	4.28	11	Pass
64	5320	4.16	11	Pass
100	5500	4.73	11	Pass
116	5580	7.93	11	Pass
140	5700	5.45	11	Pass
144 (U-NII-2C)	5720	8.20	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 4.5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.5 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	3.80	11	Pass
40	5200	3.80	11	Pass
48	5240	3.86	11	Pass
52	5260	3.83	11	Pass
60	5300	3.92	11	Pass
64	5320	3.90	11	Pass
100	5500	4.87	11	Pass
116	5580	4.76	11	Pass
140	5700	3.44	11	Pass
144 (U-NII-2C)	5720	7.90	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 4.5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
38	5190	-0.24	11	Pass
46	5230	0.86	11	Pass
54	5270	0.86	11	Pass
62	5310	-0.24	11	Pass
102	5510	-0.88	11	Pass
110	5550	1.63	11	Pass
134	5670	0.31	11	Pass
142 (U-NII-2C)	5710	4.98	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 4.5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
42	5210	-3.96	0.10	-3.86	11	Pass
58	5290	-3.61	0.10	-3.51	11	Pass
106	5530	-3.81	0.10	-3.71	11	Pass
122	5610	-1.03	0.10	-0.93	11	Pass
138 (U-NII-2C)	5690	0.19	0.10	0.29	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 4.5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	3.56	11	Pass
40	5200	3.57	11	Pass
48	5240	3.61	11	Pass
52	5260	3.59	11	Pass
60	5300	3.75	11	Pass
64	5320	3.62	11	Pass
100	5500	4.63	11	Pass
116	5580	7.43	11	Pass
140	5700	3.21	11	Pass
144 (U-NII-2C)	5720	7.80	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 4.5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
38	5190	-0.51	11	Pass
46	5230	0.60	11	Pass
54	5270	0.61	11	Pass
62	5310	-0.54	11	Pass
102	5510	-1.09	11	Pass
110	5550	1.47	11	Pass
134	5670	0.19	11	Pass
142 (U-NII-2C)	5710	4.85	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 4.5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
42	5210	-4.52	0.09	-4.43	11	Pass
58	5290	-4.70	0.09	-4.61	11	Pass
106	5530	-3.83	0.09	-3.74	11	Pass
122	5610	-0.89	0.09	-0.80	11	Pass
138 (U-NII-2C)	5690	0.06	0.09	0.15	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 4.5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	5.09	11	Pass
40	5200	5.43	11	Pass
48	5240	5.14	11	Pass
52	5260	10.97	11	Pass
60	5300	10.67	11	Pass
64	5320	10.91	11	Pass
100	5500	10.71	11	Pass
116	5580	10.57	11	Pass
140	5700	10.80	11	Pass
144 (U-NII-2C)	5720	-14.21	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 4.5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	5.40	11	Pass
40	5200	5.18	11	Pass
48	5240	5.43	11	Pass
52	5260	10.72	11	Pass
60	5300	10.88	11	Pass
64	5320	10.69	11	Pass
100	5500	10.84	11	Pass
116	5580	10.80	11	Pass
140	5700	10.59	11	Pass
144 (U-NII-2C)	5720	2.28	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 4.5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 106-tone RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	5.08	11	Pass
40	5200	5.05	11	Pass
48	5240	5.12	11	Pass
52	5260	6.85	11	Pass
60	5300	6.95	11	Pass
64	5320	6.92	11	Pass
100	5500	8.57	11	Pass
116	5580	10.91	11	Pass
140	5700	8.36	11	Pass
144 (U-NII-2C)	5720	10.53	11	Pass

Notes:

1. For U-NII-1, the antenna gain is 4.5 dBi < 6dBi, so the power density limit shall not be reduced.
2. For U-NII-2A, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2C, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	2.4	4.62	30	Pass
149	5745	2.42	4.64	30	Pass
157	5785	2.64	4.86	30	Pass
165	5825	2.53	4.75	30	Pass

Note: For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	2.31	4.53	30	Pass
149	5745	2.02	4.24	30	Pass
157	5785	2.44	4.66	30	Pass
165	5825	2.37	4.59	30	Pass

Note: For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
142 (U-NII-3)	5710	-1.12	1.10	30	Pass
151	5755	-0.59	1.63	30	Pass
159	5795	-0.35	1.87	30	Pass

Note: For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
138 (U-NII-3)	5690	-4.87	0.1	-2.55	30	Pass
155	5775	-5.02	0.1	-2.70	30	Pass

Note: For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	2.18	4.40	30	Pass
149	5745	1.94	4.16	30	Pass
157	5785	2.06	4.28	30	Pass
165	5825	2.29	4.51	30	Pass

Note: For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
142 (U-NII-3)	5710	-1.13	1.09	30	Pass
151	5755	-0.57	1.65	30	Pass
159	5795	-0.88	1.34	30	Pass

Note: For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
138 (U-NII-3)	5690	-4.86	0.09	-2.55	30	Pass
155	5775	-5.02	0.09	-2.71	30	Pass

Note: For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	5.85	8.07	30	Pass
149	5745	11.16	13.38	30	Pass
157	5785	10.76	12.98	30	Pass
165	5825	11.54	13.76	30	Pass

Note: For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	5.38	7.60	30	Pass
149	5745	9.02	11.24	30	Pass
157	5785	7.9	10.12	30	Pass
165	5825	8.82	11.04	30	Pass

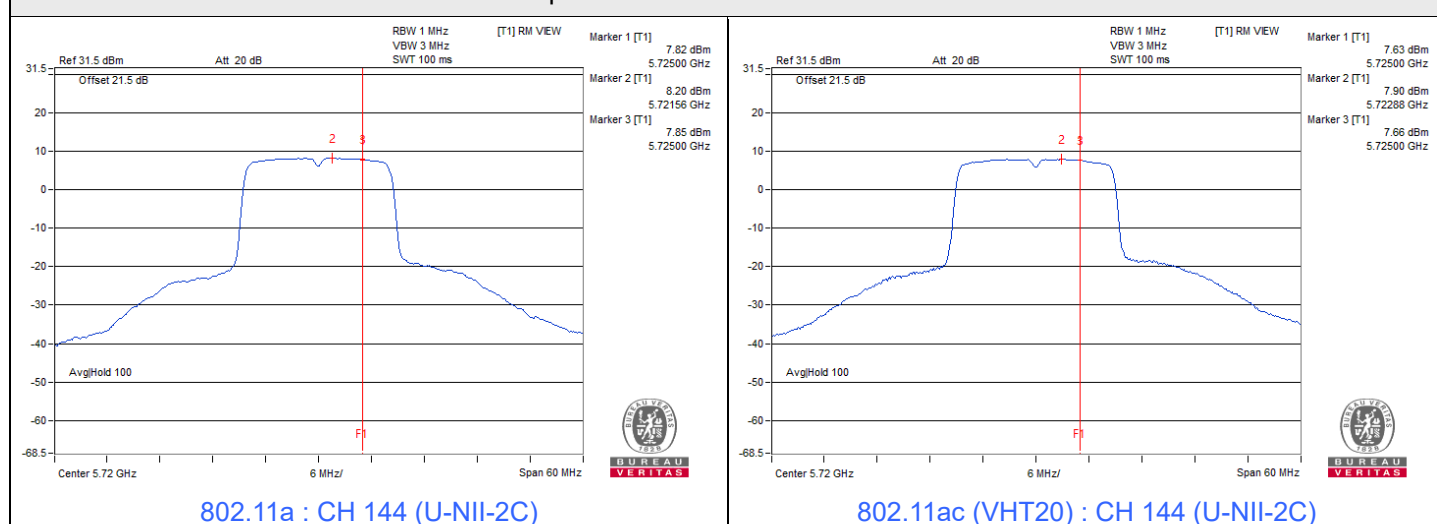
Note: For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 106-tone RU

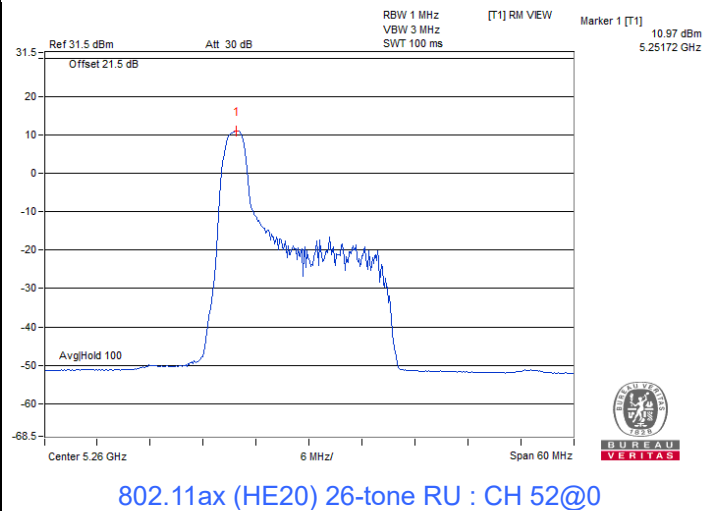
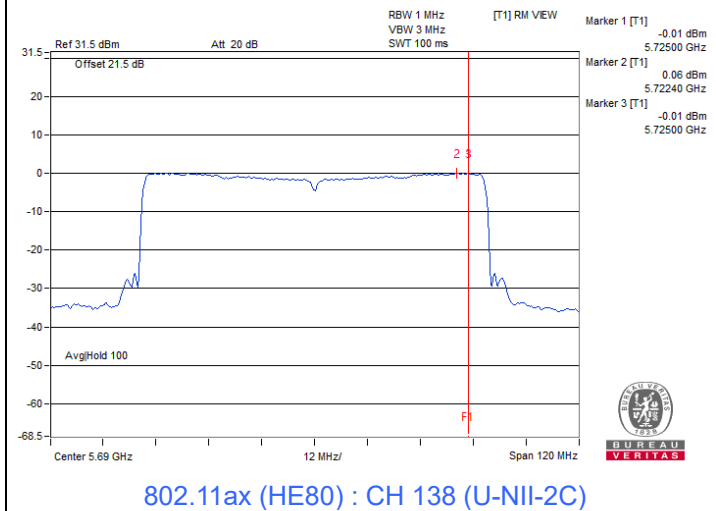
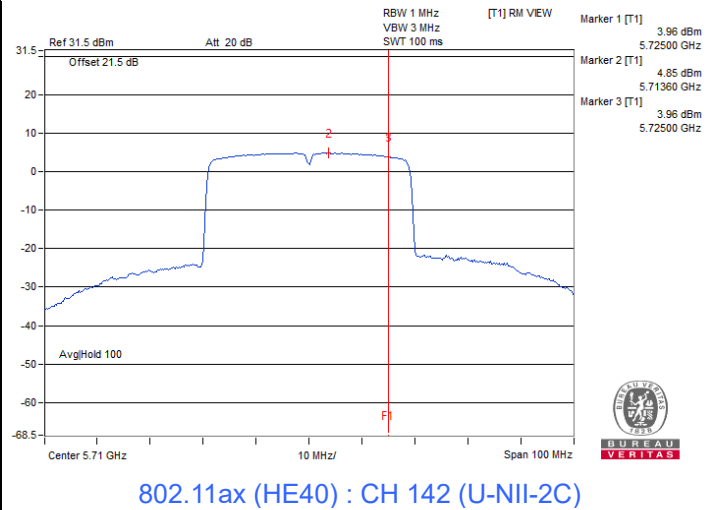
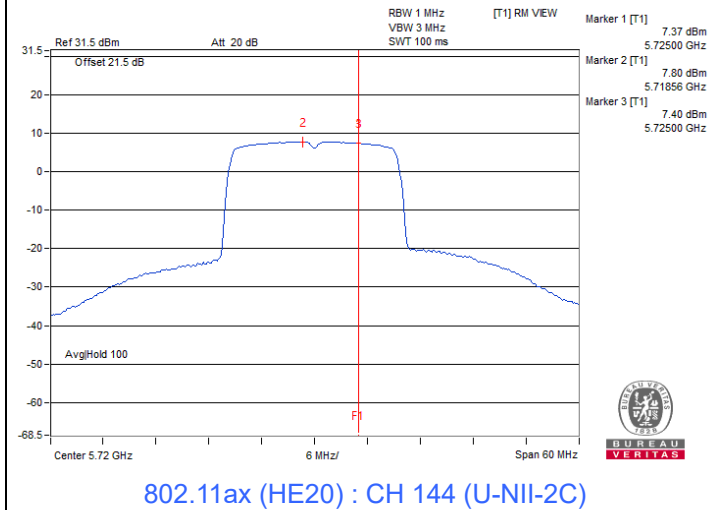
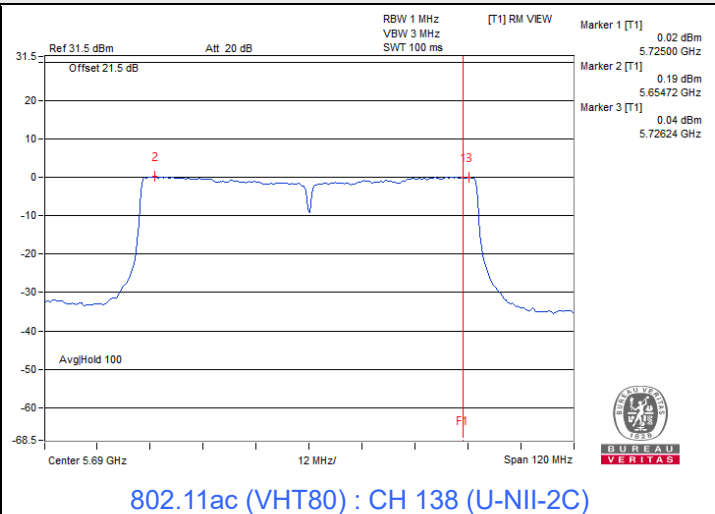
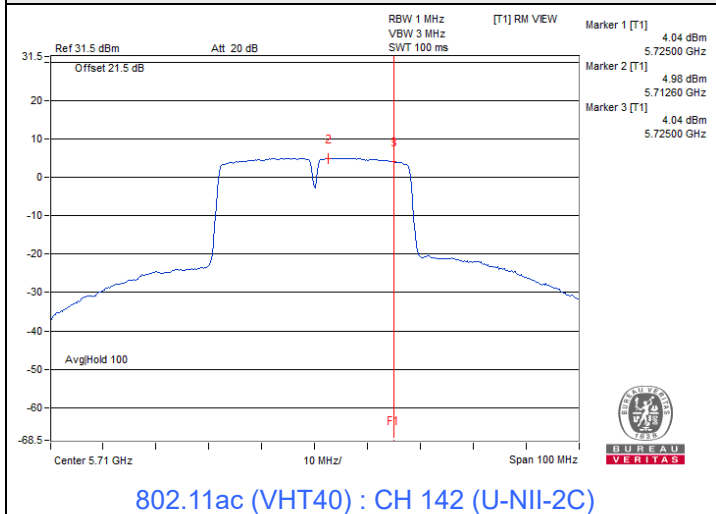
Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	4.96	7.18	30	Pass
149	5745	5.37	7.59	30	Pass
157	5785	5.3	7.52	30	Pass
165	5825	5.39	7.61	30	Pass

Note: For U-NII-3, the antenna gain is 4.5 dBi < 6 dBi, so the power density limit shall not be reduced.

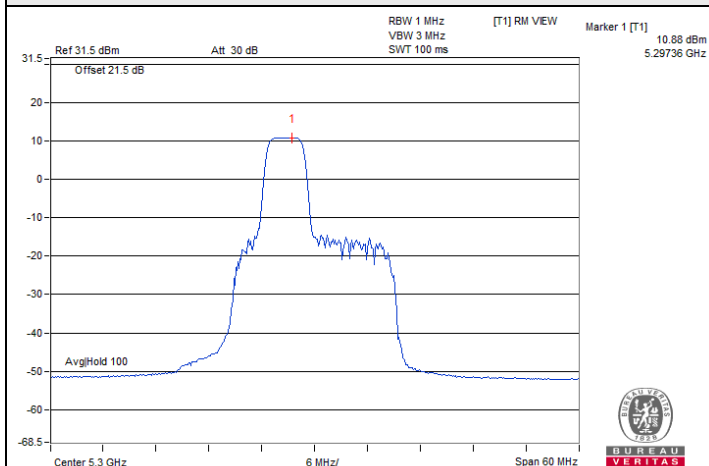
Spectrum Plot of Maximum Value



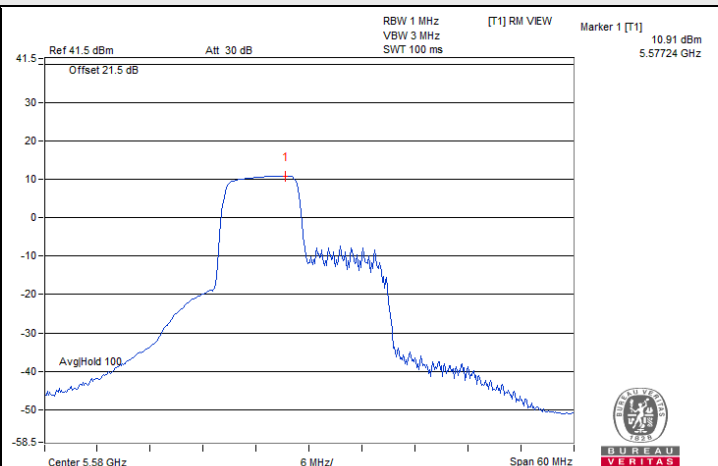
Spectrum Plot of Maximum Value



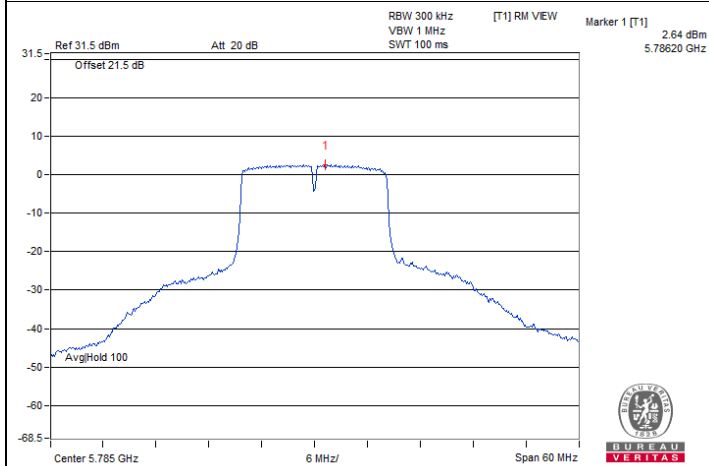
Spectrum Plot of Maximum Value



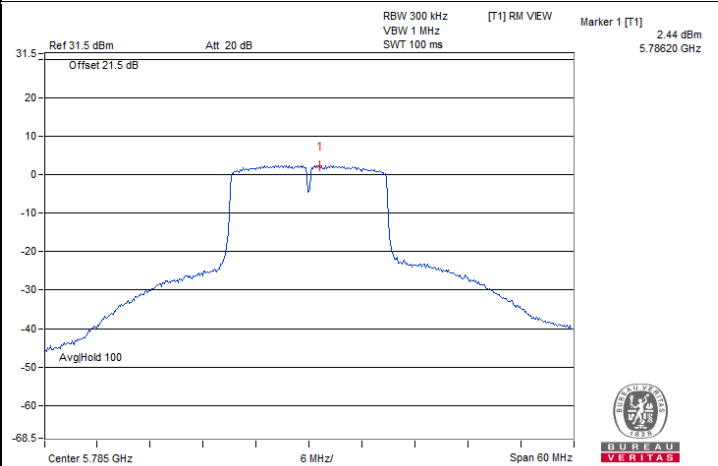
802.11ax (HE20) 52-tone RU : CH 60@38



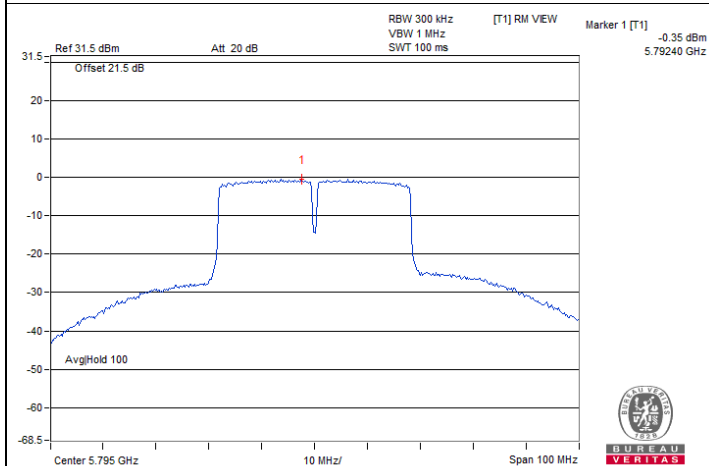
802.11ax (HE20) 106-tone RU : CH 116@53



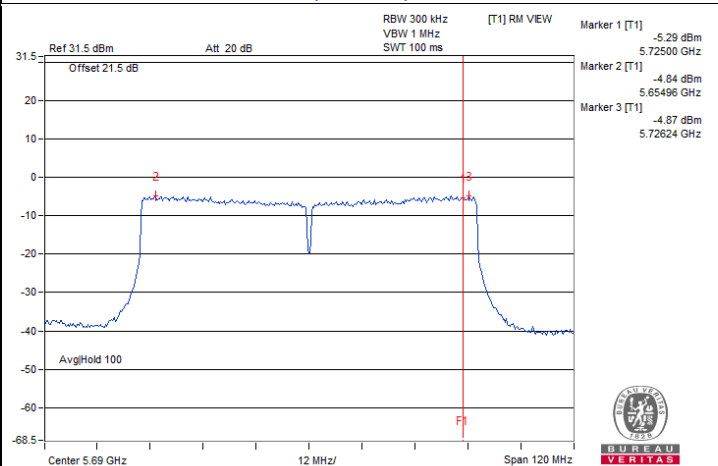
802.11a : CH 157



802.11ac (VHT20) : CH 157

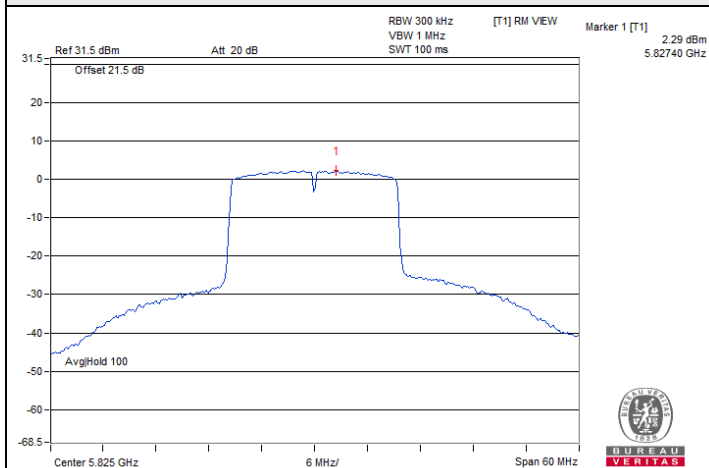


802.11ac (VHT40) : CH 159

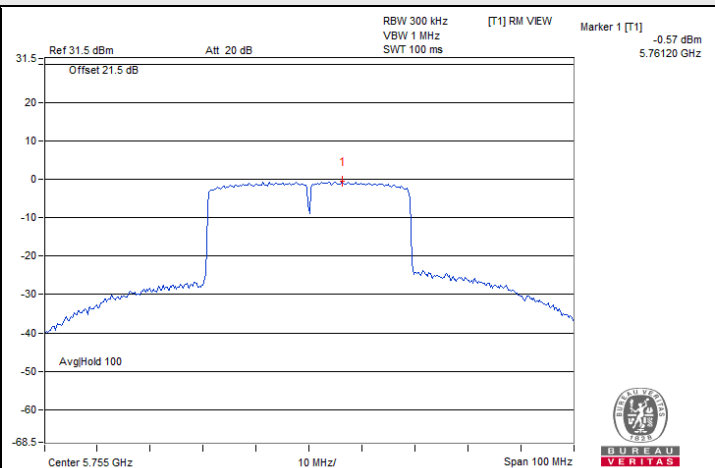


802.11ac (VHT80) : CH 138 (U-NII-3)

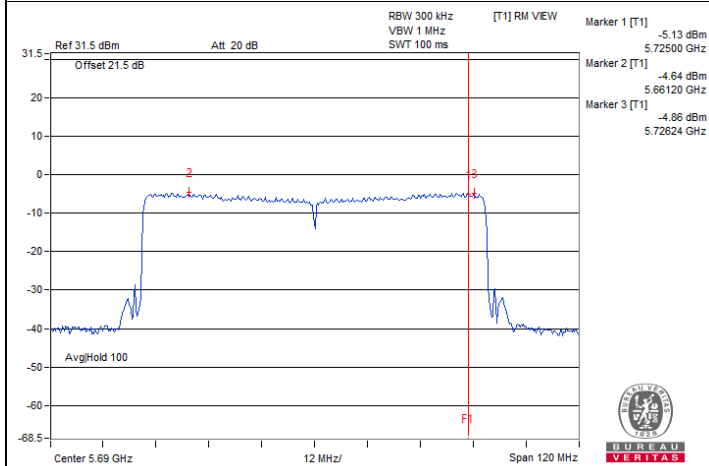
Spectrum Plot of Maximum Value



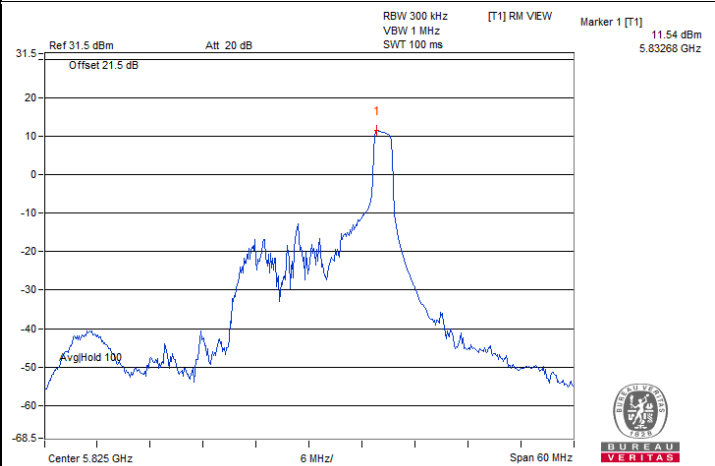
802.11ax (HE20) : CH 165



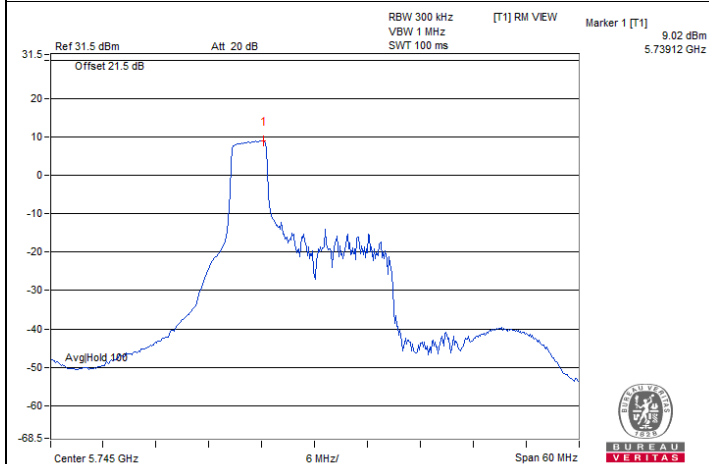
802.11ax (HE40) : CH 151



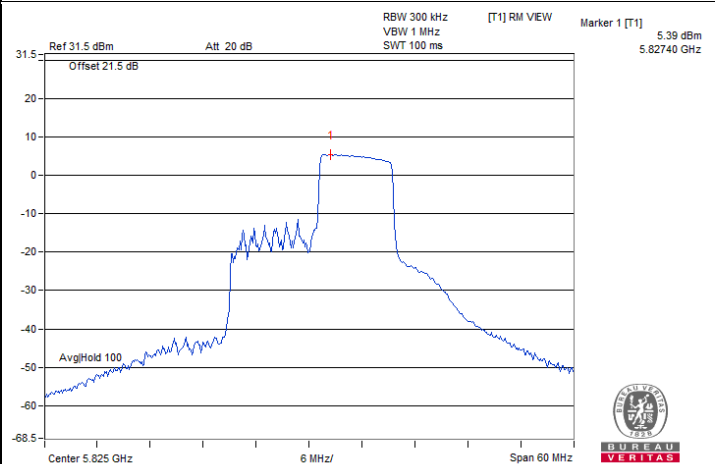
802.11ax (HE80) : CH 138 (U-NII-3)



802.11ax (HE20) 26-tone RU : CH 165@8



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



802.11ax (HE20) 106-tone RU : CH 165@54

7.4 6 dB Bandwidth

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

802.11a

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	3.07	0.5	Pass
149	5745	16.28	0.5	Pass
157	5785	16.29	0.5	Pass
165	5825	16.4	0.5	Pass

802.11ac (VHT20)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	3.31	0.5	Pass
149	5745	17.14	0.5	Pass
157	5785	16.96	0.5	Pass
165	5825	17.24	0.5	Pass

802.11ac (VHT40)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
142 (U-NII-3)	5710	2.51	0.5	Pass
151	5755	36.06	0.5	Pass
159	5795	35.36	0.5	Pass

802.11ac (VHT80)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
138 (U-NII-3)	5690	3.14	0.5	Pass
155	5775	76.34	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	3.62	0.5	Pass
149	5745	17.96	0.5	Pass
157	5785	18.1	0.5	Pass
165	5825	17.94	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
142 (U-NII-3)	5710	3.91	0.5	Pass
151	5755	37.52	0.5	Pass
159	5795	37.24	0.5	Pass

802.11ax (HE80)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
138 (U-NII-3)	5690	3.51	0.5	Pass
155	5775	76.96	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	4.41	0.5	Pass
149	5745	12	0.5	Pass
157	5785	2.72	0.5	Pass
165	5825	12.02	0.5	Pass

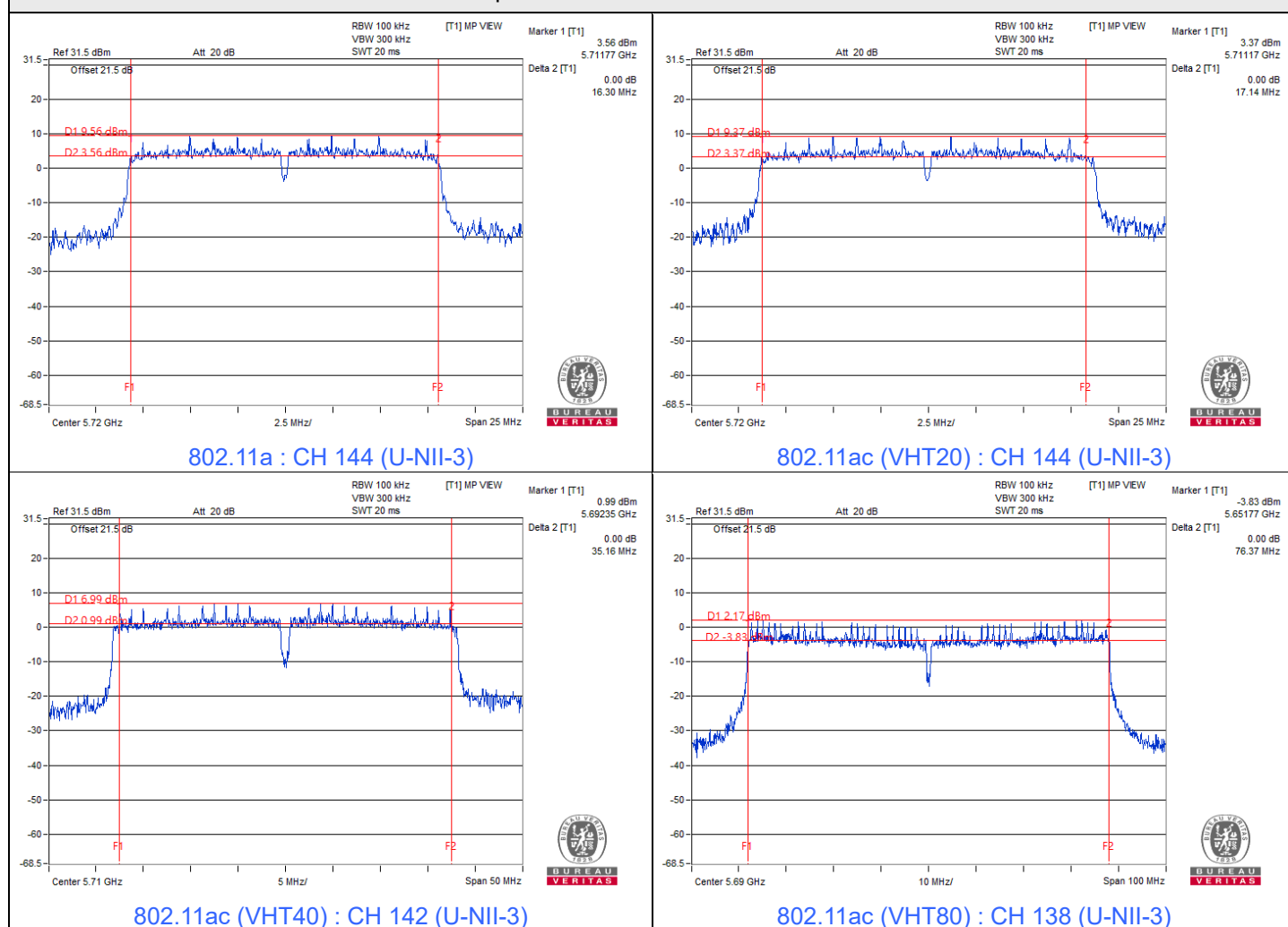
802.11ax (HE20) 52-tone RU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	4.42	0.5	Pass
149	5745	17.02	0.5	Pass
157	5785	15.05	0.5	Pass
165	5825	17.02	0.5	Pass

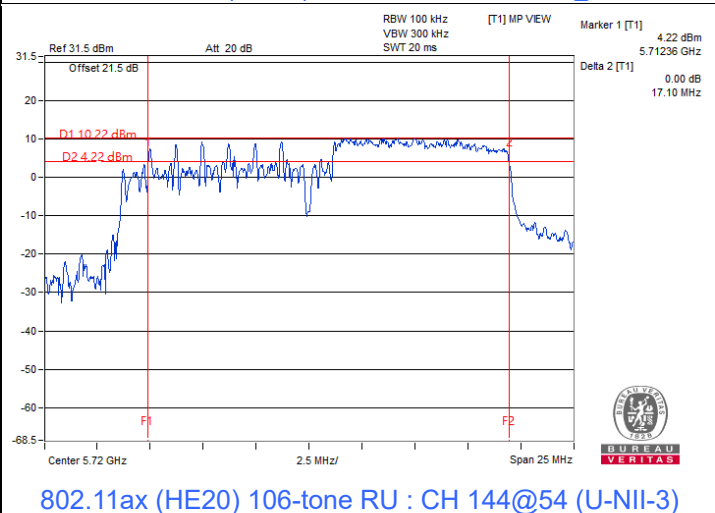
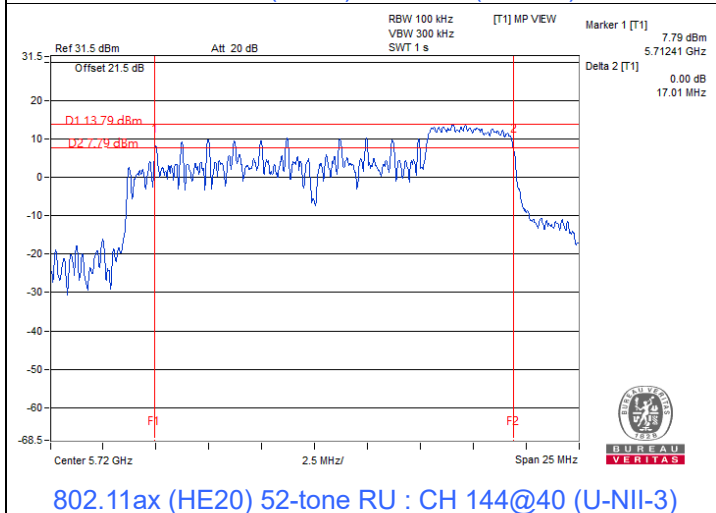
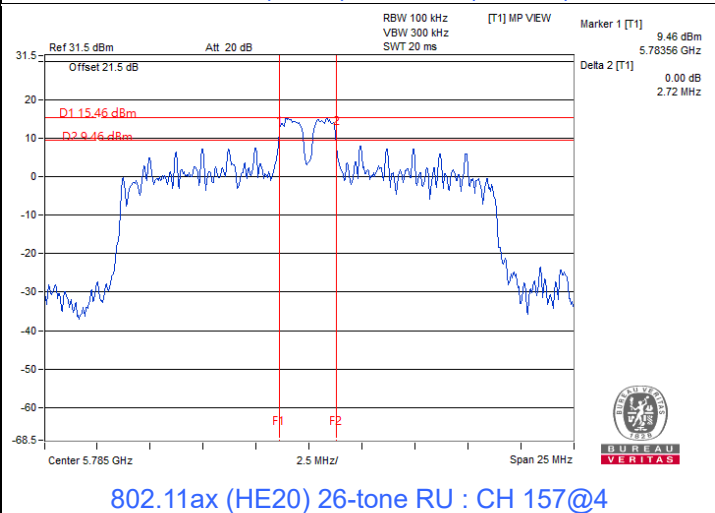
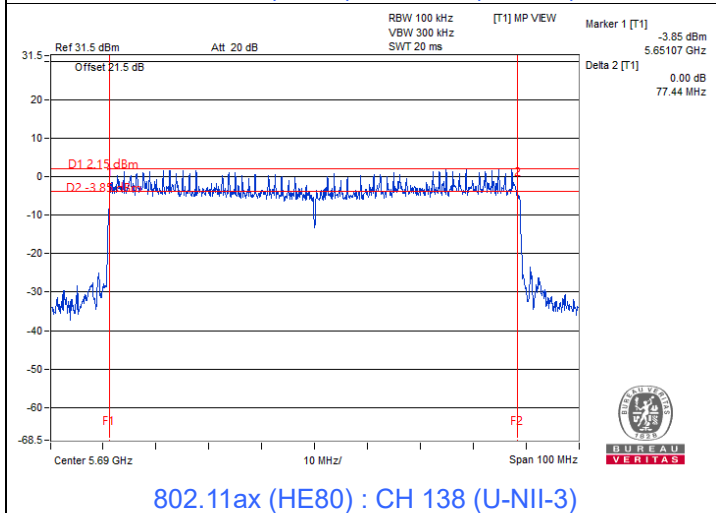
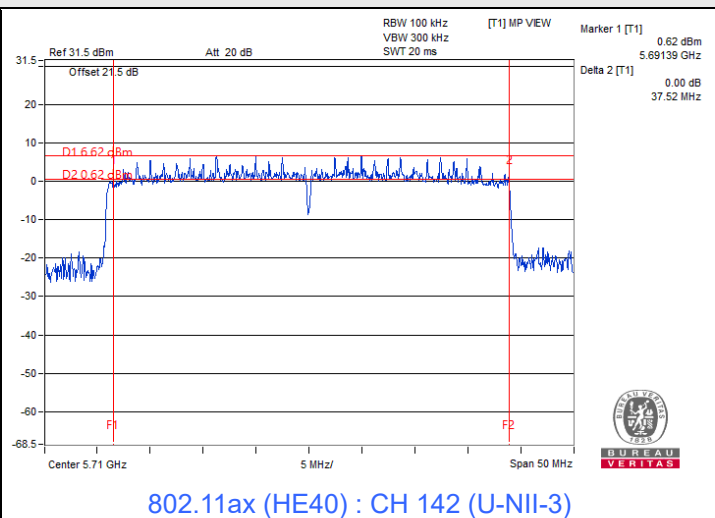
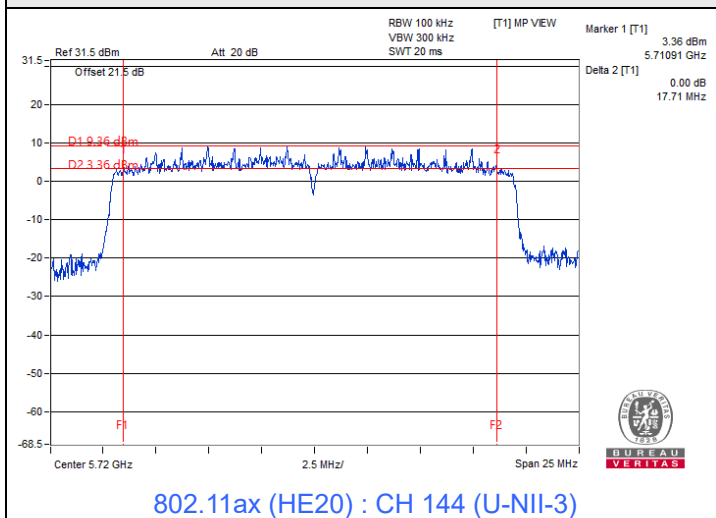
802.11ax (HE20) 106-tone RU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	4.46	0.5	Pass
149	5745	17.11	0.5	Pass
157	5785	17.14	0.5	Pass
165	5825	17.11	0.5	Pass

Spectrum Plot of Minimum Value



Spectrum Plot of Minimum Value



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, 60% RH	Tested By:	Kevin Ko

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	16.38
40	5200	16.38
48	5240	16.64
52	5260	16.38
60	5300	16.44
64	5320	16.44
100	5500	16.38
116	5580	16.56
140	5700	16.44
144 (U-NII-2C)	5720	13.28
144 (U-NII-3)	5720	3.22
149	5745	16.5
157	5785	16.56
165	5825	16.8

802.11ac (VHT20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	17.52
40	5200	17.58
48	5240	17.58
52	5260	17.58
60	5300	17.58
64	5320	17.52
100	5500	17.58
116	5580	17.58
140	5700	17.58
144 (U-NII-2C)	5720	13.88
144 (U-NII-3)	5720	3.82
149	5745	17.82
157	5785	17.88
165	5825	17.82

802.11ac (VHT40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
38	5190	36.24
46	5230	36.24
54	5270	36.24
62	5310	36.24
102	5510	36.12
110	5550	36.24
134	5670	36.24
142 (U-NII-2C)	5710	33.36
142 (U-NII-3)	5710	3.24
151	5755	36.84
159	5795	36.84

802.11ac (VHT80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
42	5210	76.32
58	5290	76.08
106	5530	76.08
122	5610	76.08
138 (U-NII-2C)	5690	73.4
138 (U-NII-3)	5690	3.16
155	5775	76.32

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	18.9
40	5200	18.96
48	5240	18.9
52	5260	18.9
60	5300	18.9
64	5320	18.9
100	5500	18.9
116	5580	18.96
140	5700	19.02
144 (U-NII-2C)	5720	14.54
144 (U-NII-3)	5720	4.42
149	5745	19.02
157	5785	19.02
165	5825	18.96

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
38	5190	37.8
46	5230	37.92
54	5270	37.8
62	5310	37.8
102	5510	37.8
110	5550	37.92
134	5670	37.8
142 (U-NII-2C)	5710	34.08
142 (U-NII-3)	5710	4.08
151	5755	38.28
159	5795	38.4

802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
42	5210	77.04
58	5290	77.52
106	5530	77.28
122	5610	77.52
138 (U-NII-2C)	5690	73.88
138 (U-NII-3)	5690	3.64
155	5775	77.28

802.11ax (HE20) 26-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	17.94
40	5200	15.78
48	5240	18.06
52	5260	17.82
60	5300	15.66
64	5320	17.88
100	5500	17.94
116	5580	15.78
140	5700	17.82
144 (U-NII-2C)	5720	13.34
144 (U-NII-3)	5720	4.78
149	5745	18.06
157	5785	15.72
165	5825	18.18

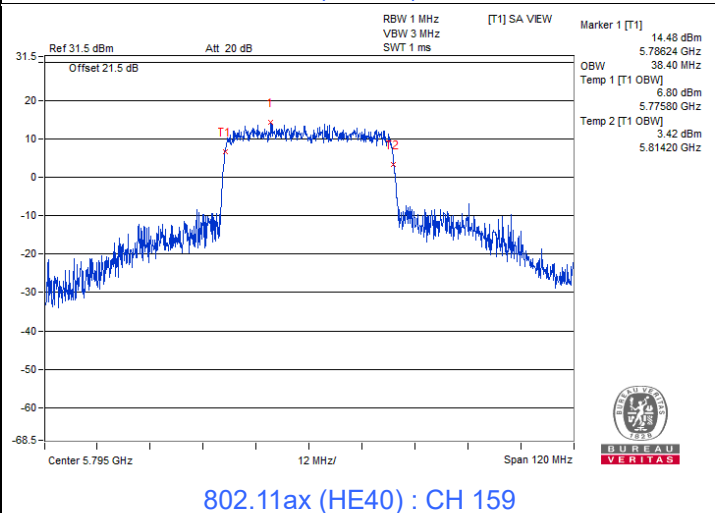
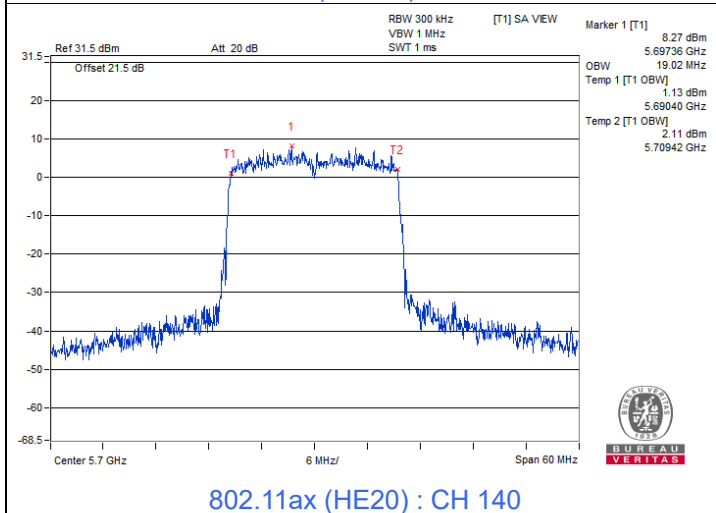
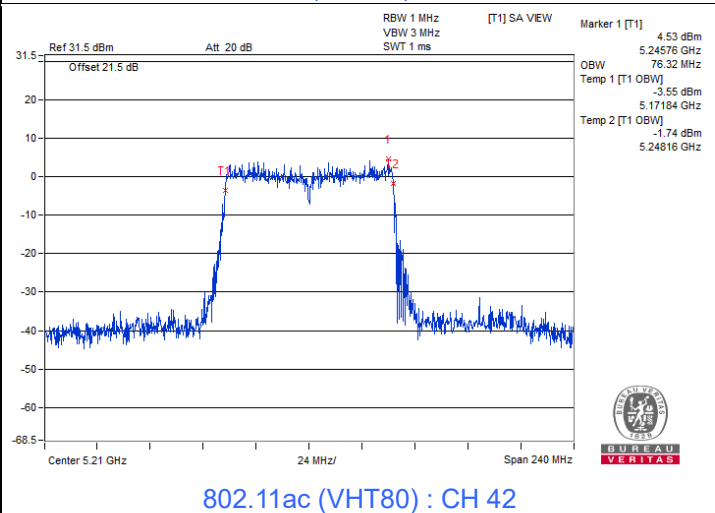
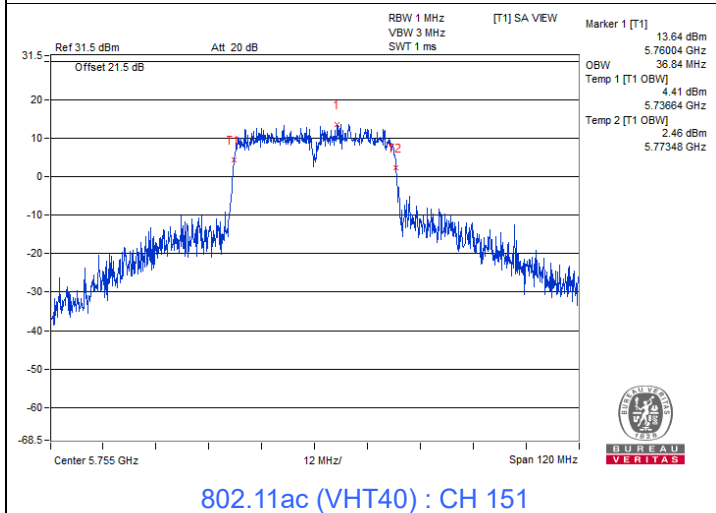
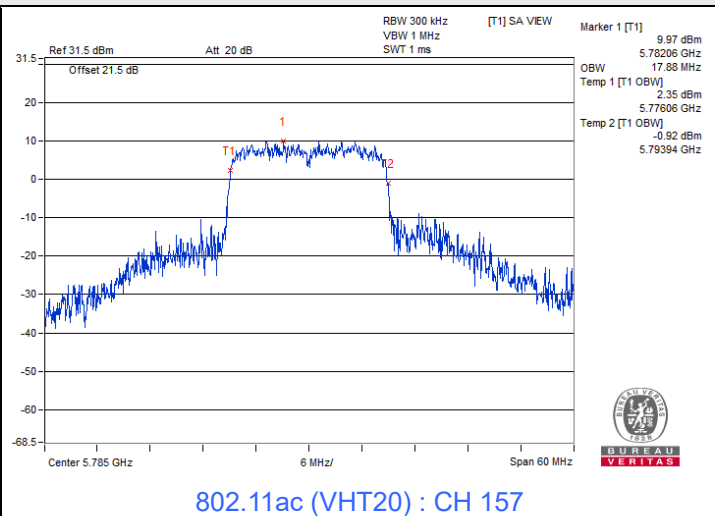
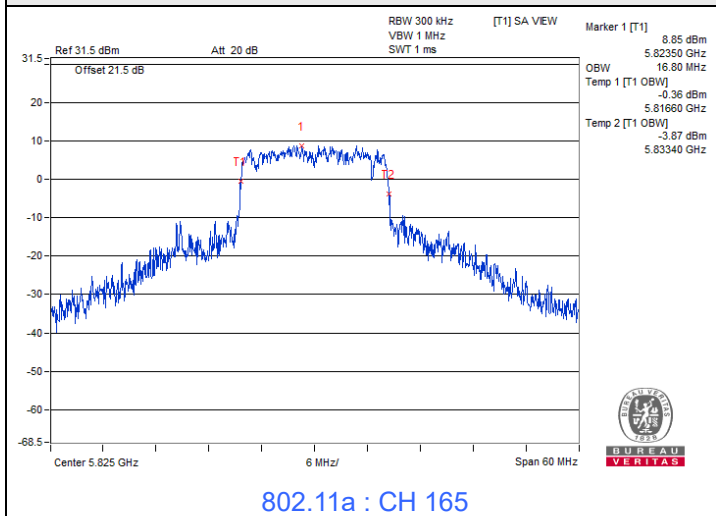
802.11ax (HE20) 52-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	17.16
40	5200	16.44
48	5240	17.94
52	5260	17.94
60	5300	16.56
64	5320	18
100	5500	18
116	5580	16.5
140	5700	18.06
144 (U-NII-2C)	5720	13.46
144 (U-NII-3)	5720	4.66
149	5745	18
157	5785	16.5
165	5825	18.06

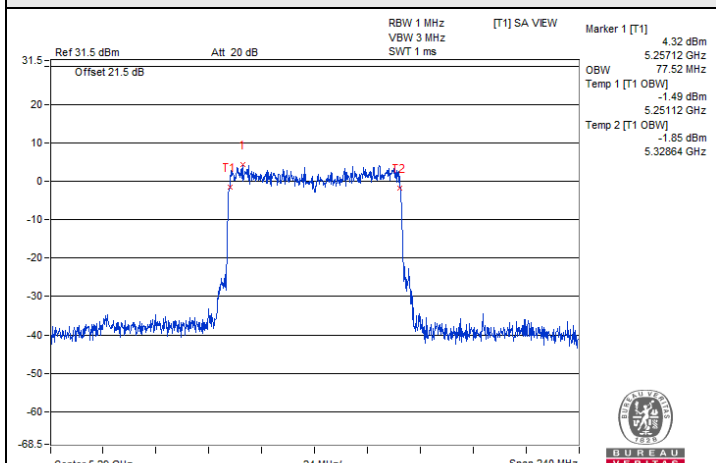
802.11ax (HE20) 106-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	17.76
40	5200	17.88
48	5240	18.06
52	5260	17.82
60	5300	17.88
64	5320	17.94
100	5500	17.88
116	5580	17.82
140	5700	17.94
144 (U-NII-2C)	5720	13.28
144 (U-NII-3)	5720	4.54
149	5745	17.94
157	5785	17.94
165	5825	18.12

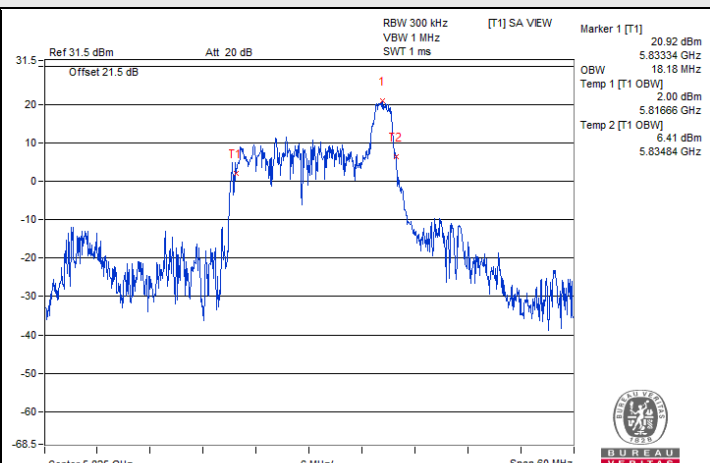
Spectrum Plot of Maximum Value



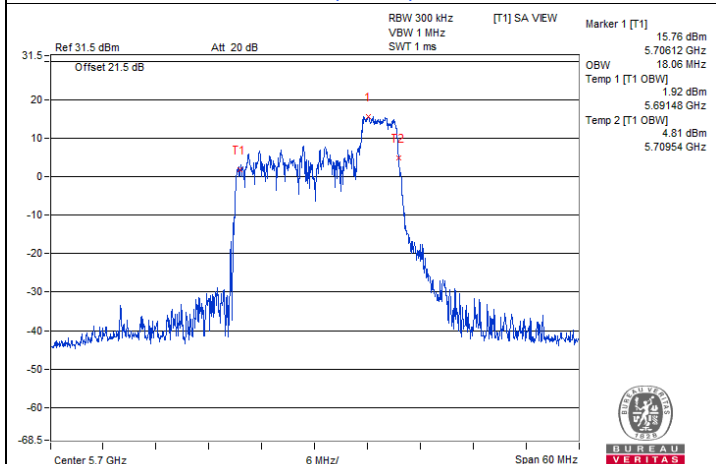
Spectrum Plot of Maximum Value



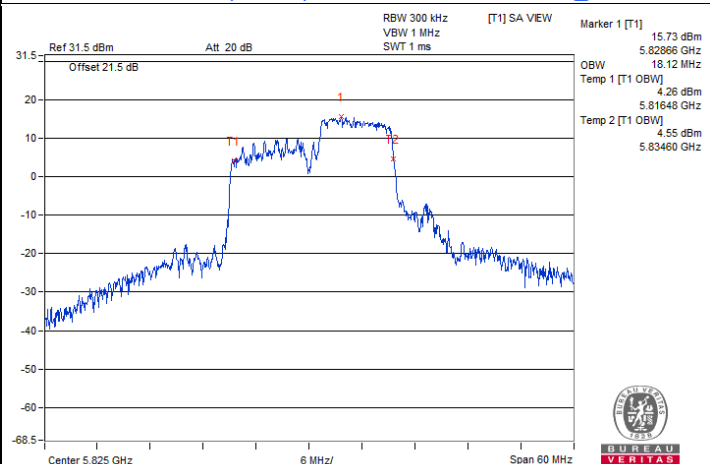
802.11ax (HE80) : CH 58



802.11ax (HE20) 26-tone RU : CH 165@8

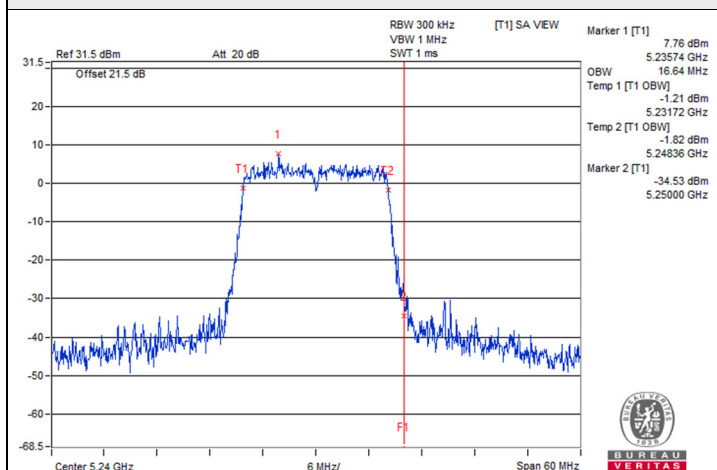


802.11ax (HE20) 52-tone RU : CH 140@40

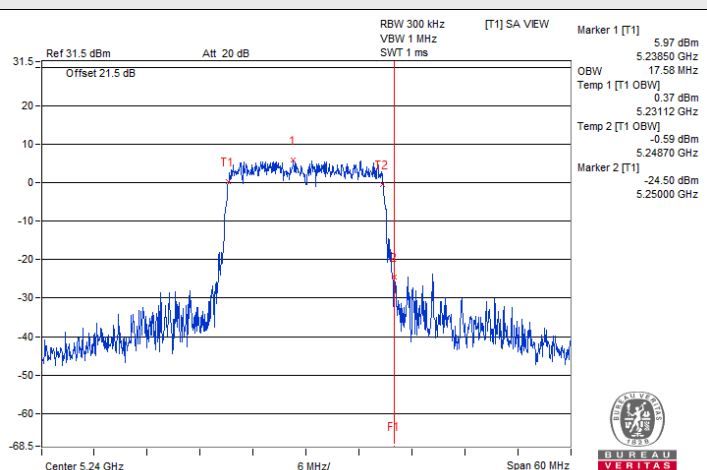


802.11ax (HE20) 106-tone RU : CH 165@54

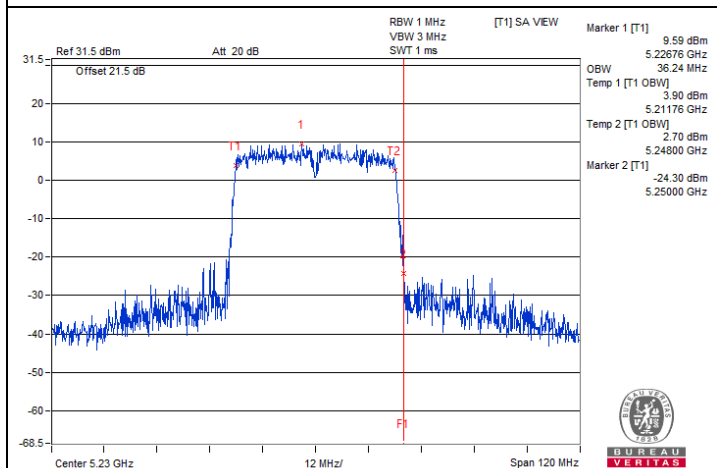
Spectrum Plot for nearby DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A)



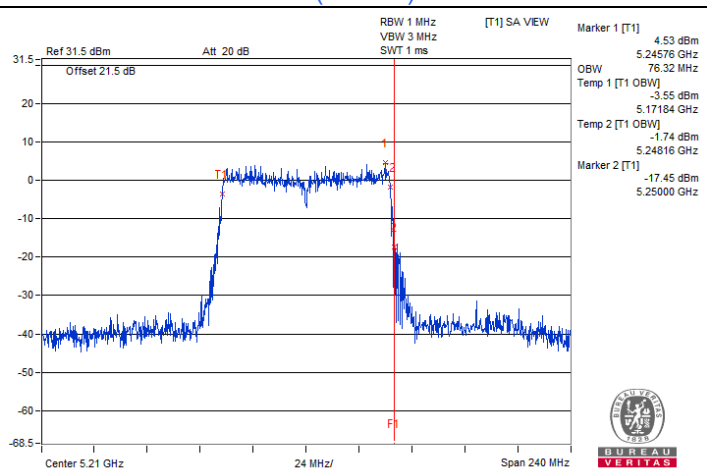
802.11a : CH 48



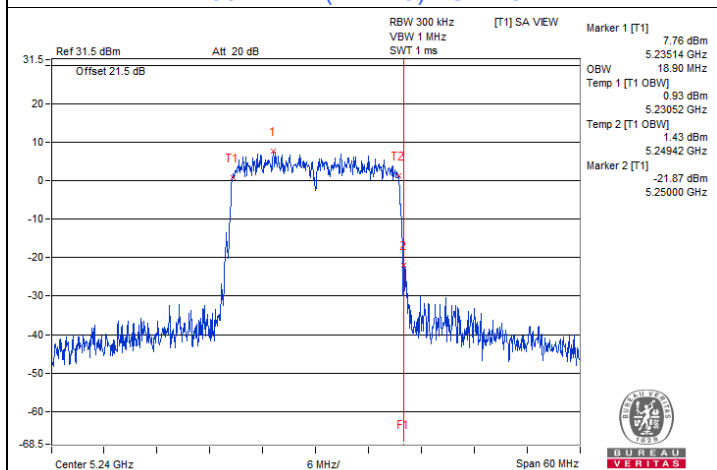
802.11ac (VHT20) : CH 48



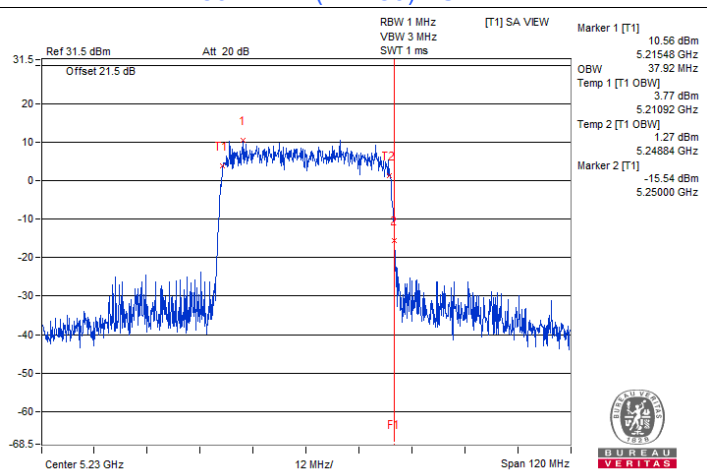
802.11ac (VHT40) : CH 46



802.11ac (VHT80) : CH 42

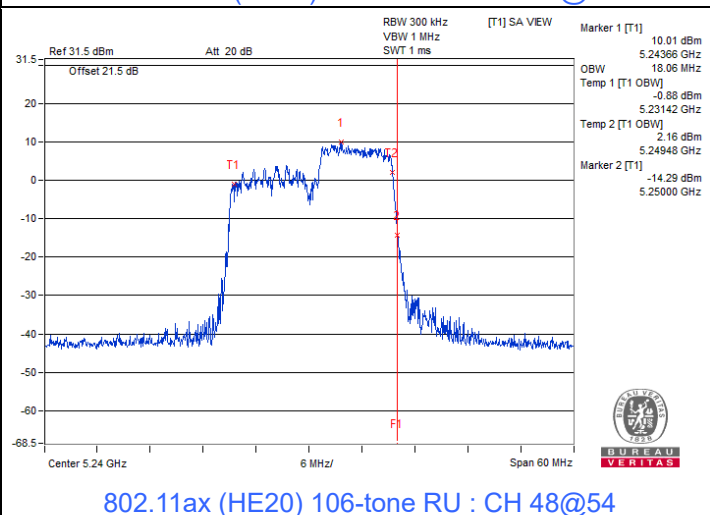
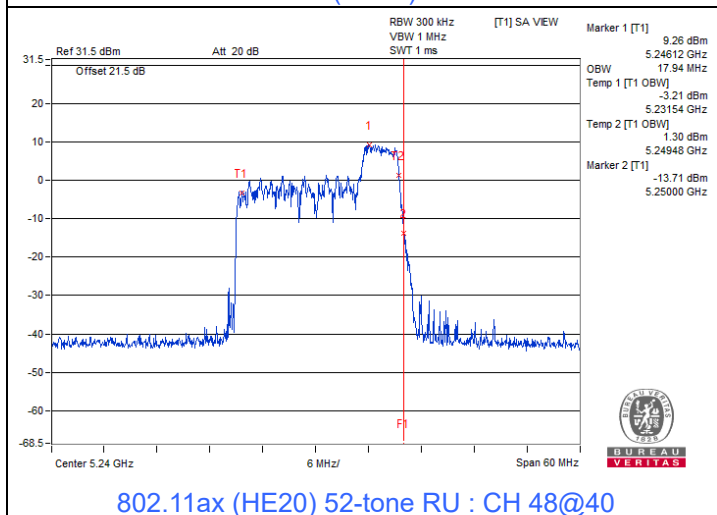
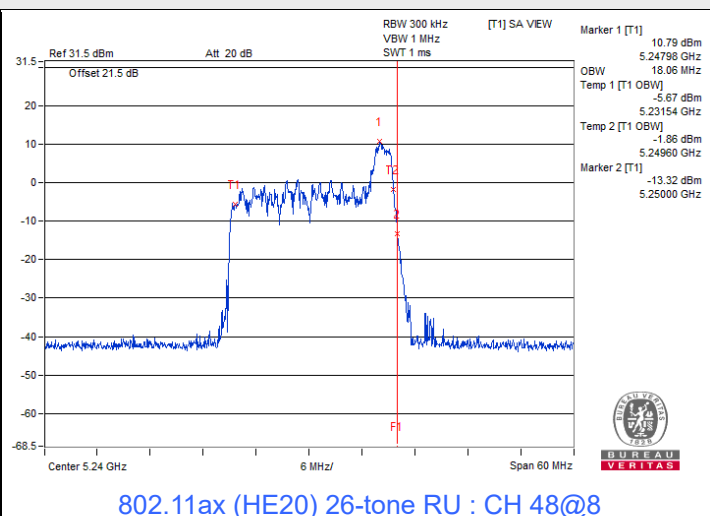
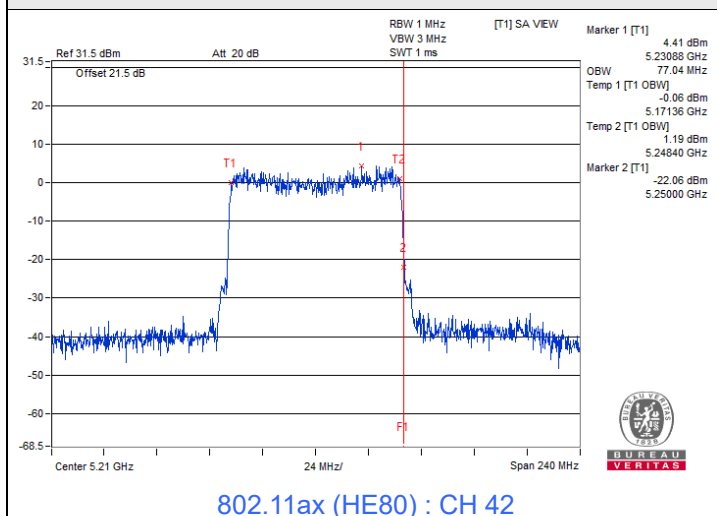


802.11ax (HE20) : CH 48

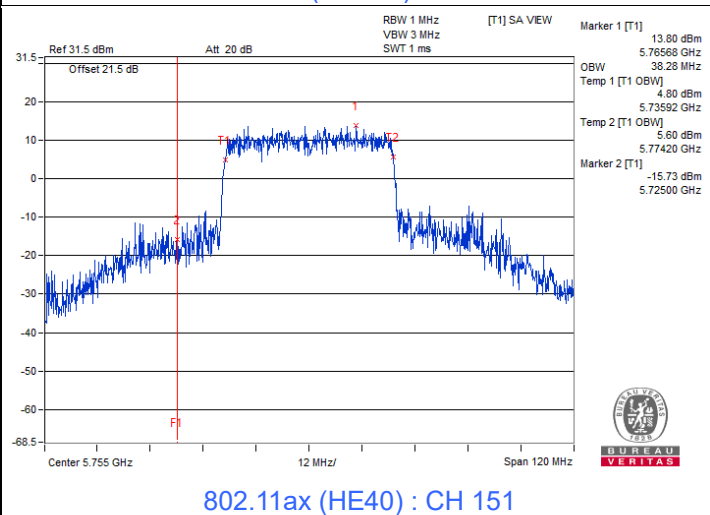
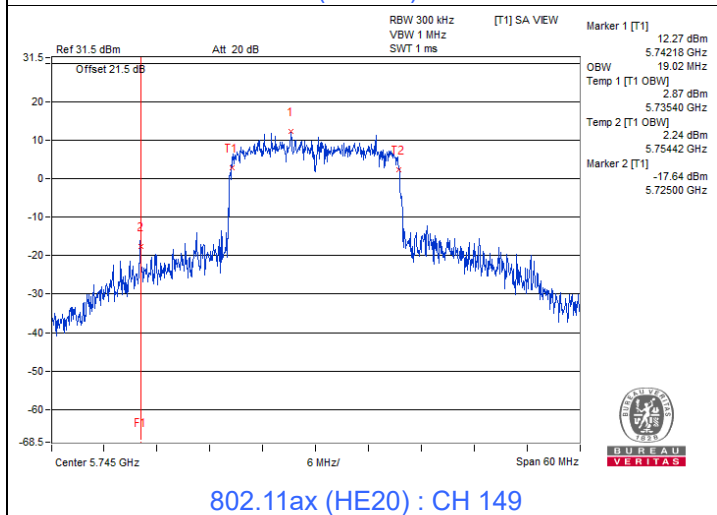
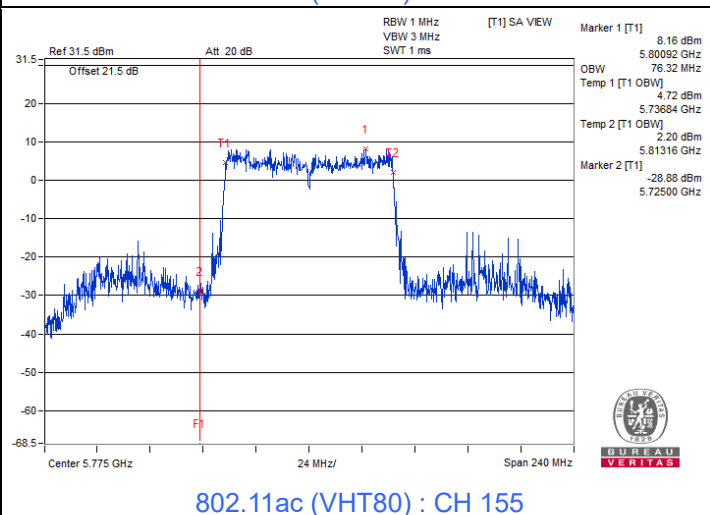
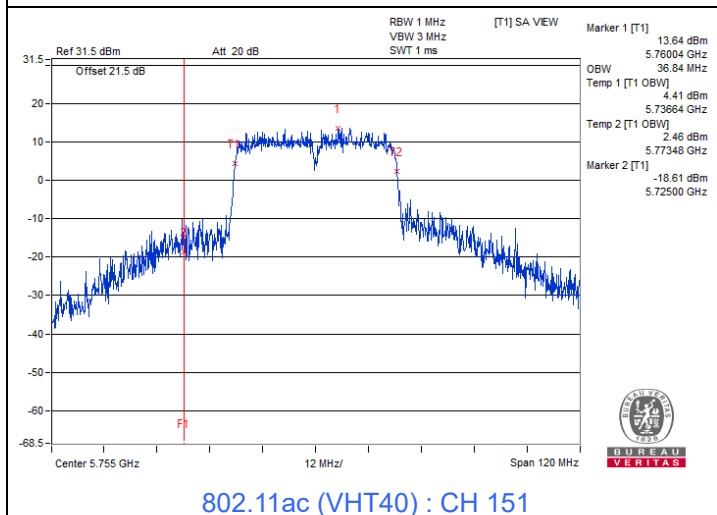
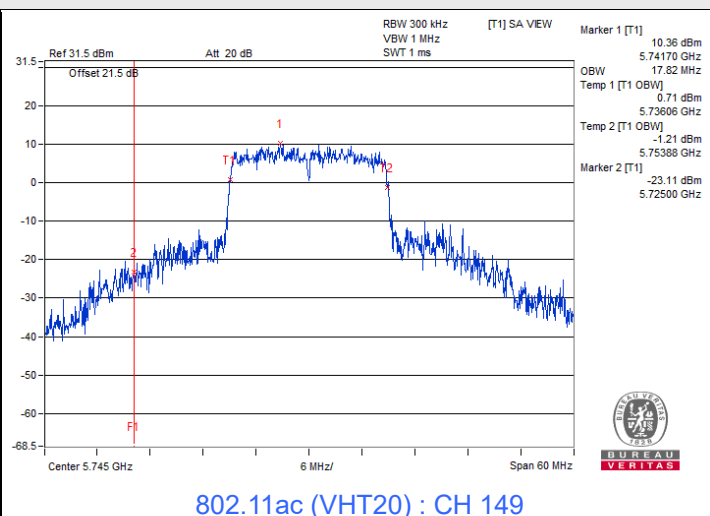
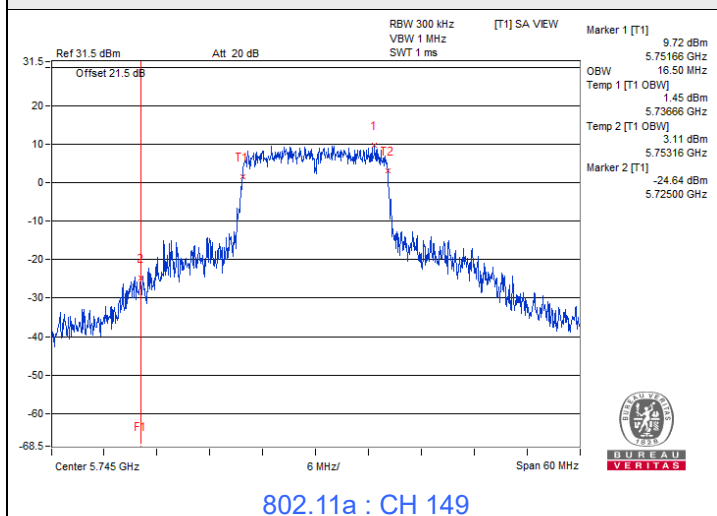


802.11ax (HE40) : CH 46

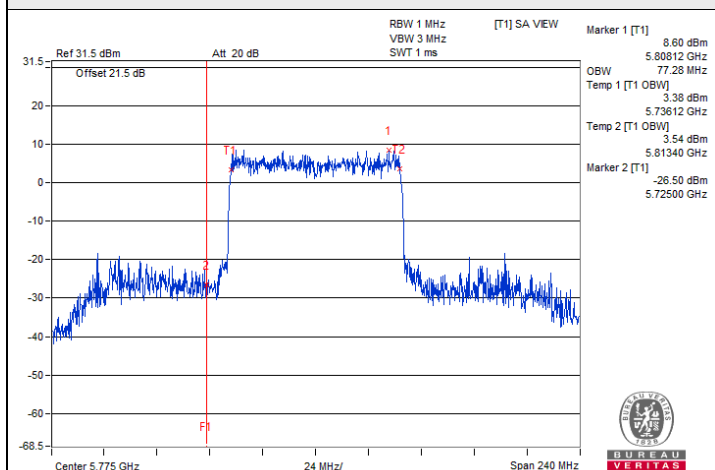
Spectrum Plot for nearby DFS band (DFS is required, if 99% OCP straddle into U-NII-2A)



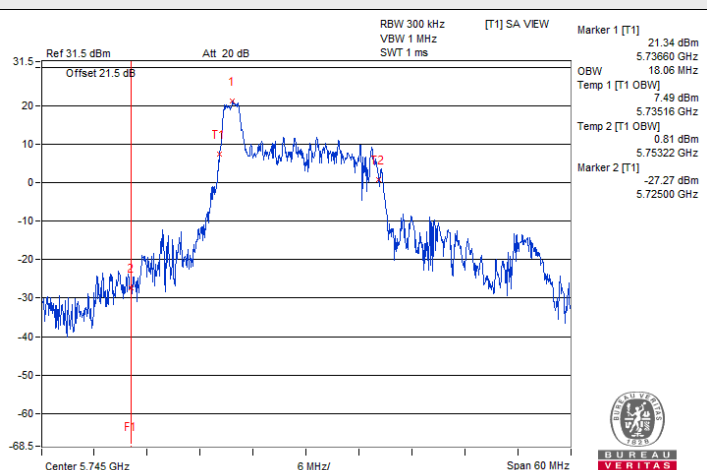
Spectrum Plot for nearby DFS band (DFS is required, if 99% OCP straddle into U-NII-2C)



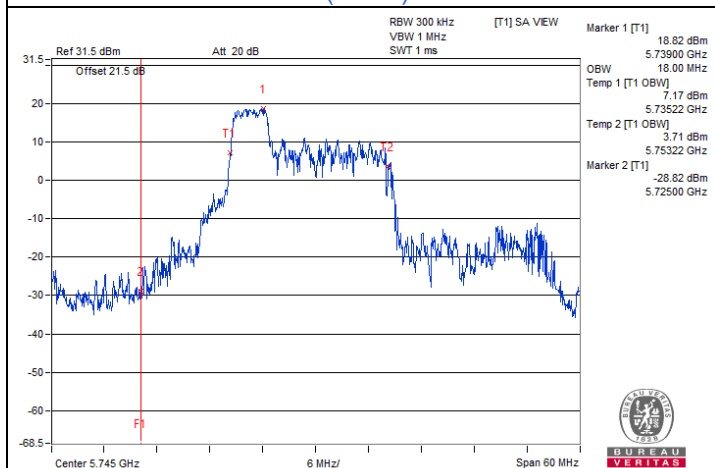
Spectrum Plot for nearby DFS band (DFS is required, if 99% OCP straddle into U-NII-2C)



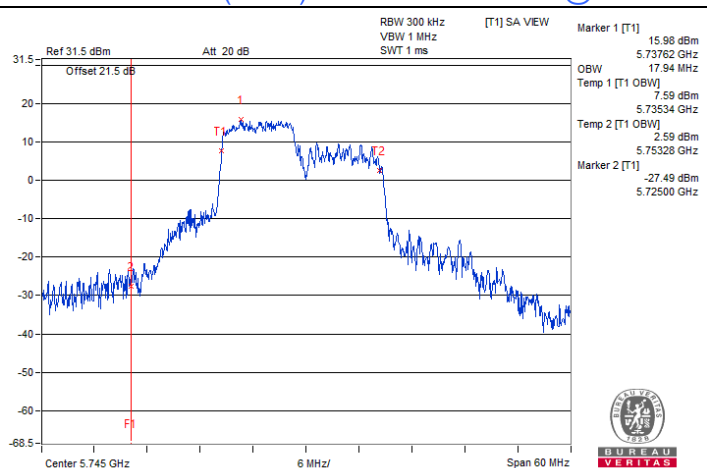
802.11ax (HE80) : CH 155



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, 60% RH	Tested By:	Kevin Ko

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
70	3.3	5180.004	Pass	5180.0033	Pass	5180.004	Pass	5180.007	Pass
60	3.3	5179.9797	Pass	5179.9813	Pass	5179.9817	Pass	5179.9819	Pass
50	3.3	5179.997	Pass	5179.9933	Pass	5179.9926	Pass	5179.9962	Pass
40	3.3	5179.9934	Pass	5179.9955	Pass	5179.9931	Pass	5179.9936	Pass
30	3.3	5180.0138	Pass	5180.0107	Pass	5180.012	Pass	5180.0108	Pass
20	3.3	5179.9786	Pass	5179.9757	Pass	5179.9755	Pass	5179.9794	Pass
10	3.3	5179.9957	Pass	5179.9943	Pass	5179.9947	Pass	5179.9921	Pass
0	3.3	5180.0034	Pass	5180.0028	Pass	5180.0046	Pass	5180.0043	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	5179.9774	Pass	5179.9747	Pass	5179.9739	Pass	5179.9735	Pass
	3.3	5179.9786	Pass	5179.9757	Pass	5179.9755	Pass	5179.9794	Pass
	2.805	5179.9742	Pass	5179.9756	Pass	5179.974	Pass	5179.9727	Pass

7.7 AC Power Conducted Emissions

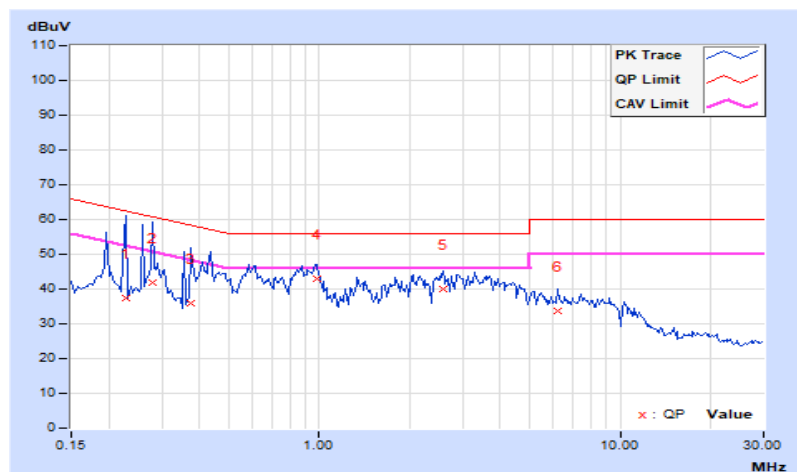
Mode A (SDIO interface using internal antenna)

RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	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	0.22812	9.93	27.56	12.70	37.49	22.63	62.52	52.52	-25.03	-29.89
2	0.27891	9.93	31.97	22.84	41.90	32.77	60.85	50.85	-18.95	-18.08
3	0.37656	9.94	26.04	15.93	35.98	25.87	58.35	48.35	-22.37	-22.48
4	0.97813	9.98	32.83	23.57	42.81	33.55	56.00	46.00	-13.19	-12.45
5	2.57031	10.05	29.86	25.44	39.91	35.49	56.00	46.00	-16.09	-10.51
6	6.23438	10.25	23.42	15.34	33.67	25.59	60.00	50.00	-26.33	-24.41

Remarks:

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

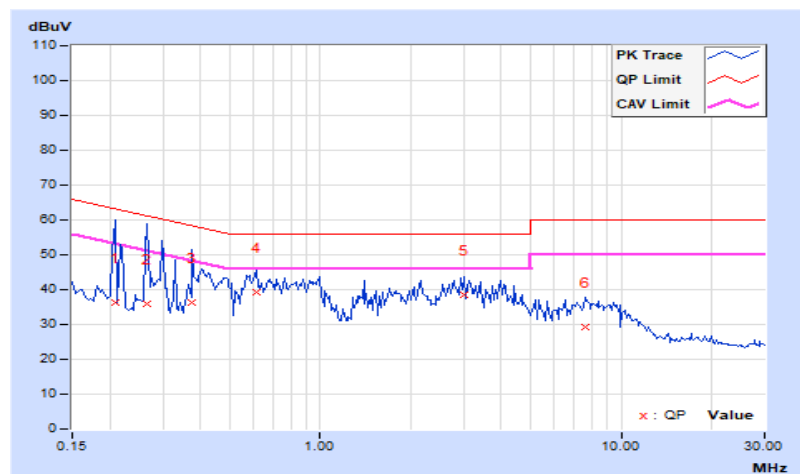


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Louis Yang		

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	0.20859	9.99	26.22	15.28	36.21	25.27	63.26	53.26	-27.05	-27.99
2	0.26719	9.99	25.76	19.21	35.75	29.20	61.20	51.20	-25.45	-22.00
3	0.37656	10.00	26.14	17.17	36.14	27.17	58.35	48.35	-22.21	-21.18
4	0.61094	10.01	29.21	21.29	39.22	31.30	56.00	46.00	-16.78	-14.70
5	3.01172	10.12	28.52	20.65	38.64	30.77	56.00	46.00	-17.36	-15.23
6	7.60156	10.32	19.02	13.02	29.34	23.34	60.00	50.00	-30.66	-26.66

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



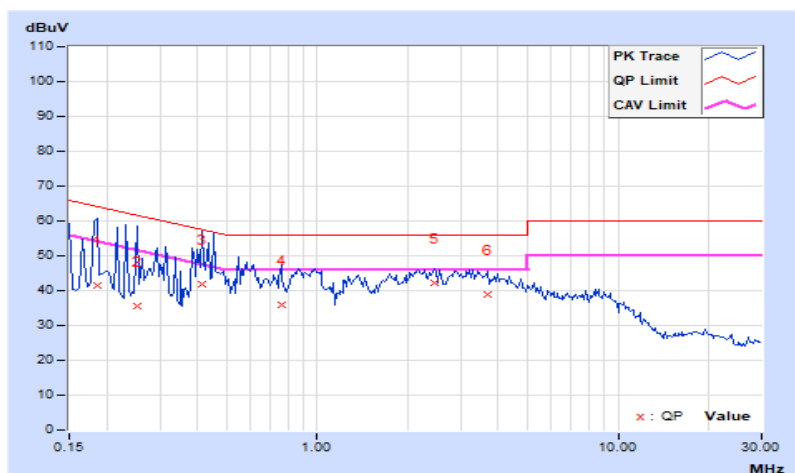
Mode B (SDIO interface using external antenna)

RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	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	0.18516	9.93	31.45	22.48	41.38	32.41	64.25	54.25	-22.87	-21.84
2	0.25156	9.93	25.54	18.75	35.47	28.68	61.71	51.71	-26.24	-23.03
3	0.41563	9.94	32.09	26.43	42.03	36.37	57.54	47.54	-15.51	-11.17
4	0.75938	9.96	26.10	15.73	36.06	25.69	56.00	46.00	-19.94	-20.31
5	2.44922	10.04	32.21	26.82	42.25	36.86	56.00	46.00	-13.75	-9.14
6	3.67188	10.10	28.84	22.60	38.94	32.70	56.00	46.00	-17.06	-13.30

Remarks:

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

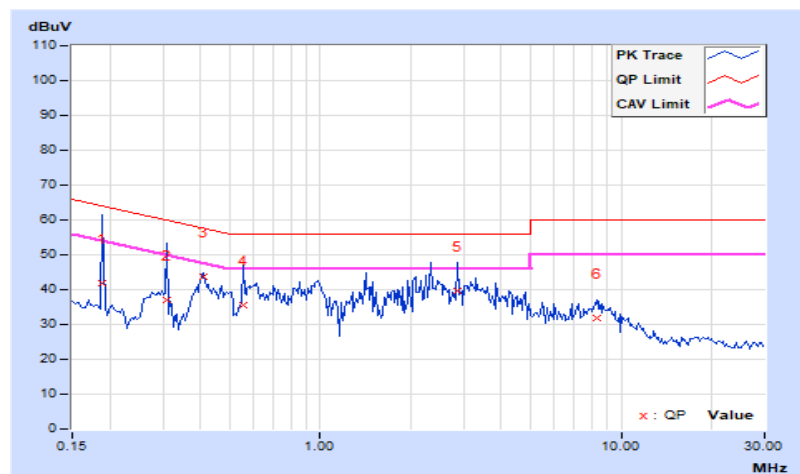


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Louis Yang		

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	0.18906	9.99	31.73	18.31	41.72	28.30	64.08	54.08	-22.36	-25.78
2	0.31016	10.00	26.91	17.15	36.91	27.15	59.97	49.97	-23.06	-22.82
3	0.40781	10.00	33.53	25.71	43.53	35.71	57.69	47.69	-14.16	-11.98
4	0.55234	10.01	25.68	17.27	35.69	27.28	56.00	46.00	-20.31	-18.72
5	2.87500	10.11	29.35	20.39	39.46	30.50	56.00	46.00	-16.54	-15.50
6	8.27344	10.35	21.63	14.00	31.98	24.35	60.00	50.00	-28.02	-25.65

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



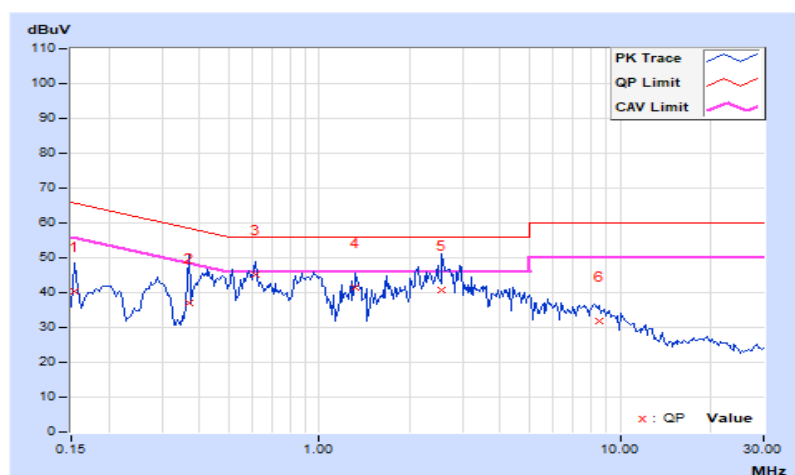
Mode C (USB interface using internal antenna)

RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	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	0.15391	9.93	30.50	16.57	40.43	26.50	65.79	55.79	-25.36	-29.29
2	0.36875	9.94	27.25	11.92	37.19	21.86	58.53	48.53	-21.34	-26.67
3	0.61094	9.95	35.28	23.45	45.23	33.40	56.00	46.00	-10.77	-12.60
4	1.32031	9.99	31.48	25.30	41.47	35.29	56.00	46.00	-14.53	-10.71
5	2.56250	10.05	30.70	23.32	40.75	33.37	56.00	46.00	-15.25	-12.63
6	8.51953	10.38	21.57	14.98	31.95	25.36	60.00	50.00	-28.05	-24.64

Remarks:

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

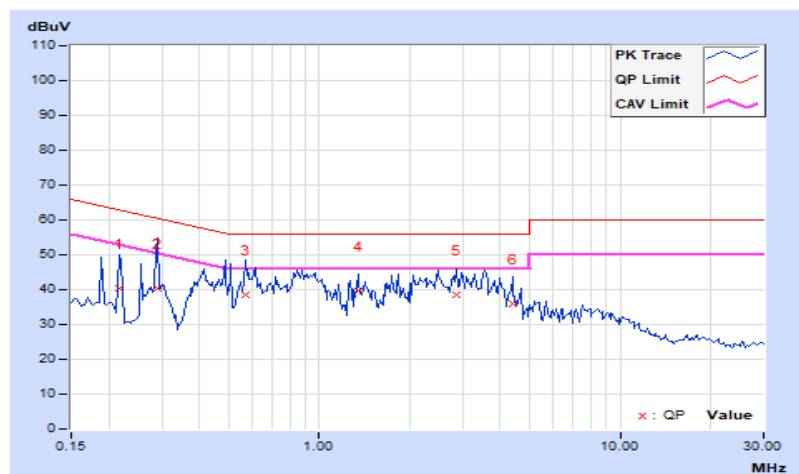


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Louis Yang		

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	0.21641	9.99	30.54	12.14	40.53	22.13	62.96	52.96	-22.43	-30.83
2	0.29063	9.99	30.54	24.66	40.53	34.65	60.51	50.51	-19.98	-15.86
3	0.56797	10.01	28.62	21.55	38.63	31.56	56.00	46.00	-17.37	-14.44
4	1.34766	10.04	29.53	22.14	39.57	32.18	56.00	46.00	-16.43	-13.82
5	2.85938	10.11	28.44	21.61	38.55	31.72	56.00	46.00	-17.45	-14.28
6	4.38672	10.18	25.68	15.87	35.86	26.05	56.00	46.00	-20.14	-19.95

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



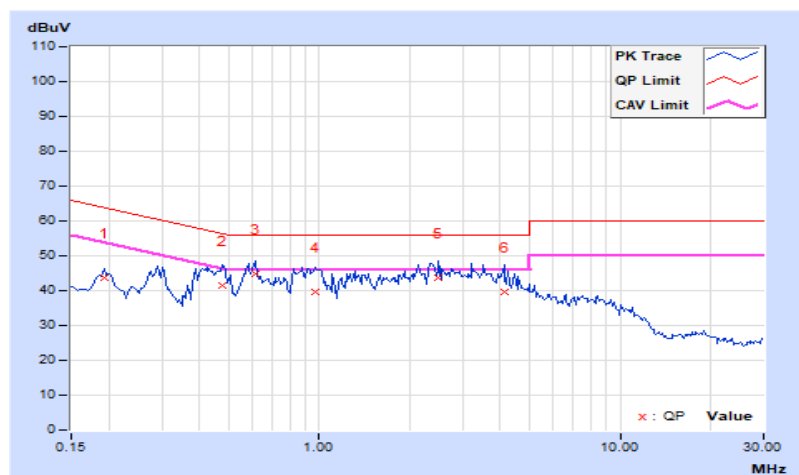
Mode D (USB interface using external antenna)

RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	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	0.19297	9.93	33.78	21.74	43.71	31.67	63.91	53.91	-20.20	-22.24
2	0.47813	9.95	31.67	24.84	41.62	34.79	56.37	46.37	-14.75	-11.58
3	0.61094	9.95	34.97	26.07	44.92	36.02	56.00	46.00	-11.08	-9.98
4	0.96641	9.98	29.80	23.46	39.78	33.44	56.00	46.00	-16.22	-12.56
5	2.49219	10.04	33.72	21.86	43.76	31.90	56.00	46.00	-12.24	-14.10
6	4.11328	10.13	29.36	21.20	39.49	31.33	56.00	46.00	-16.51	-14.67

Remarks:

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

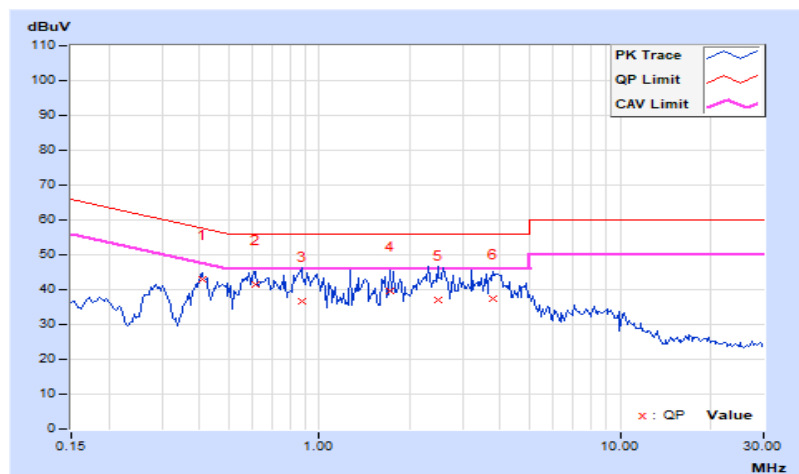


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Louis Yang		

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	0.40781	10.00	32.91	25.59	42.91	35.59	57.69	47.69	-14.78	-12.10
2	0.61094	10.01	31.34	22.82	41.35	32.83	56.00	46.00	-14.65	-13.17
3	0.87266	10.02	26.76	19.17	36.78	29.19	56.00	46.00	-19.22	-16.81
4	1.72656	10.06	29.51	21.31	39.57	31.37	56.00	46.00	-16.43	-14.63
5	2.48047	10.09	26.88	21.74	36.97	31.83	56.00	46.00	-19.03	-14.17
6	3.80078	10.15	27.25	20.21	37.40	30.36	56.00	46.00	-18.60	-15.64

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

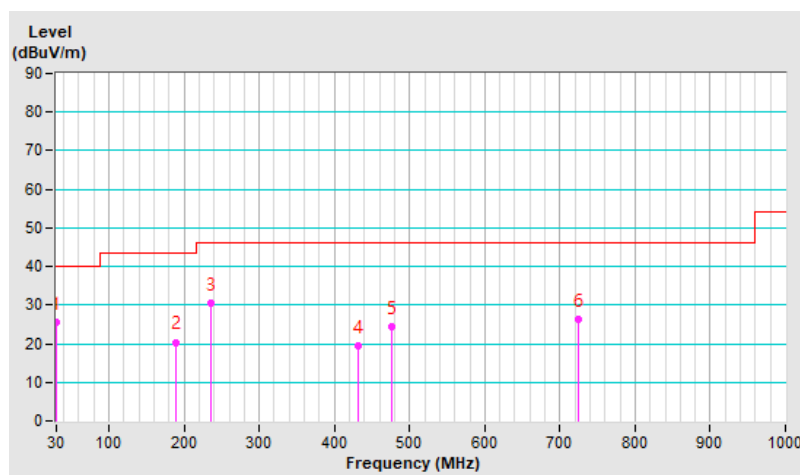
Mode A (SDIO interface using internal antenna)

RF Mode	802.11a	Channel	CH 149 : 5745 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	20°C, 61% RH
Tested By	Clark Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.78	25.4 QP	40.0	-14.6	1.00 H	272	44.4	-19.0
2	188.65	20.4 QP	43.5	-23.1	1.50 H	340	40.7	-20.3
3	236.23	30.6 QP	46.0	-15.4	1.50 H	136	50.2	-19.6
4	432.18	19.5 QP	46.0	-26.5	1.00 H	87	33.1	-13.6
5	475.98	24.5 QP	46.0	-21.5	2.00 H	102	37.1	-12.6
6	724.07	26.1 QP	46.0	-19.9	2.00 H	134	34.0	-7.9

Remarks:

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

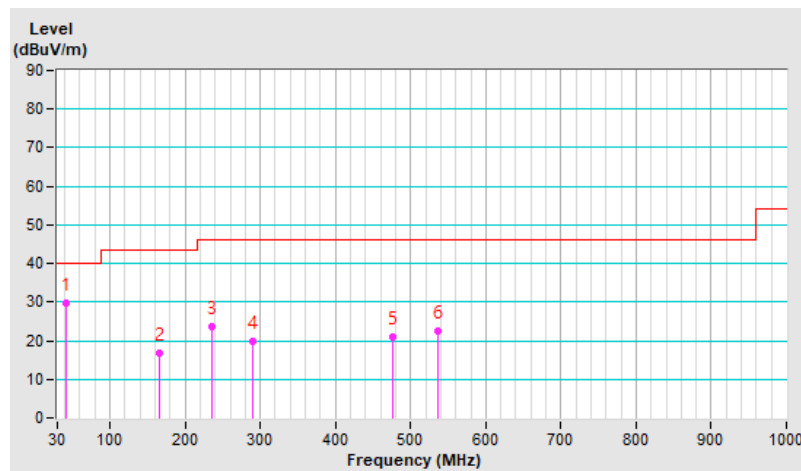


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	20°C, 61% RH
Tested By	Clark Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	41.01	29.8 QP	40.0	-10.2	1.00 V	197	47.7	-17.9
2	165.81	16.8 QP	43.5	-26.7	1.00 V	105	34.5	-17.7
3	236.18	23.7 QP	46.0	-22.3	1.00 V	232	43.3	-19.6
4	289.83	19.9 QP	46.0	-26.1	1.50 V	122	37.1	-17.2
5	476.76	21.1 QP	46.0	-24.9	1.00 V	280	33.7	-12.6
6	536.37	22.4 QP	46.0	-23.6	1.00 V	307	34.0	-11.6

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 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.



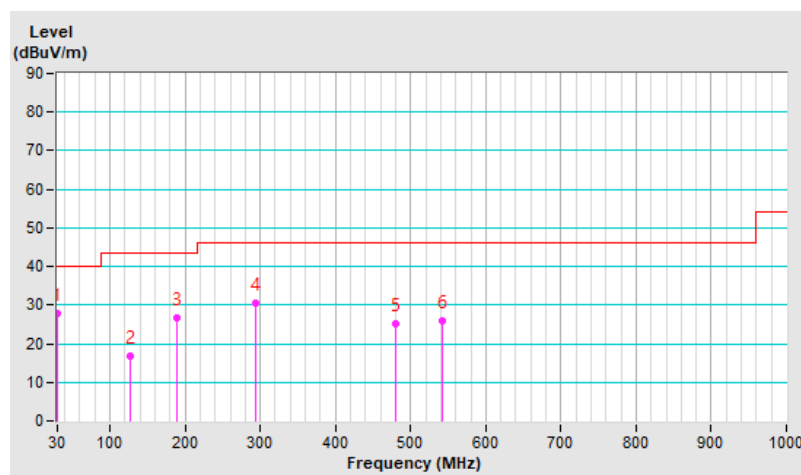
Mode B (SDIO interface using external antenna)

RF Mode	802.11a	Channel	CH 149 : 5745 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	20°C, 61% RH
Tested By	Clark Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.82	27.8 QP	40.0	-12.2	1.00 H	344	46.8	-19.0
2	126.37	16.9 QP	43.5	-26.6	2.00 H	316	36.1	-19.2
3	188.85	26.8 QP	43.5	-16.7	1.50 H	317	47.2	-20.4
4	293.03	30.5 QP	46.0	-15.5	1.50 H	1	47.7	-17.2
5	479.18	25.3 QP	46.0	-20.7	2.00 H	294	37.9	-12.6
6	541.89	25.9 QP	46.0	-20.1	1.50 H	304	37.4	-11.5

Remarks:

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

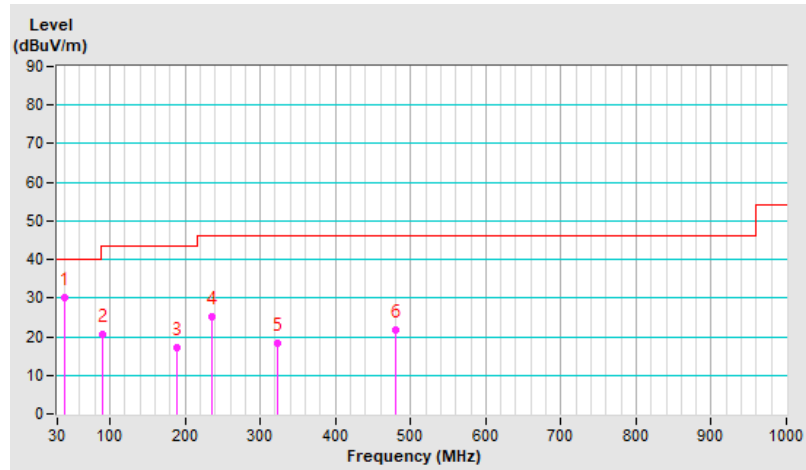


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	20°C, 61% RH
Tested By	Clark Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40.09	30.2 QP	40.0	-9.8	1.50 V	163	48.3	-18.1
2	89.32	20.5 QP	43.5	-23.0	1.50 V	258	43.9	-23.4
3	188.65	17.1 QP	43.5	-26.4	1.00 V	168	37.4	-20.3
4	236.09	25.3 QP	46.0	-20.7	1.00 V	230	44.9	-19.6
5	322.57	18.2 QP	46.0	-27.8	2.00 V	257	34.5	-16.3
6	479.18	21.6 QP	46.0	-24.4	1.00 V	286	34.2	-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 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.



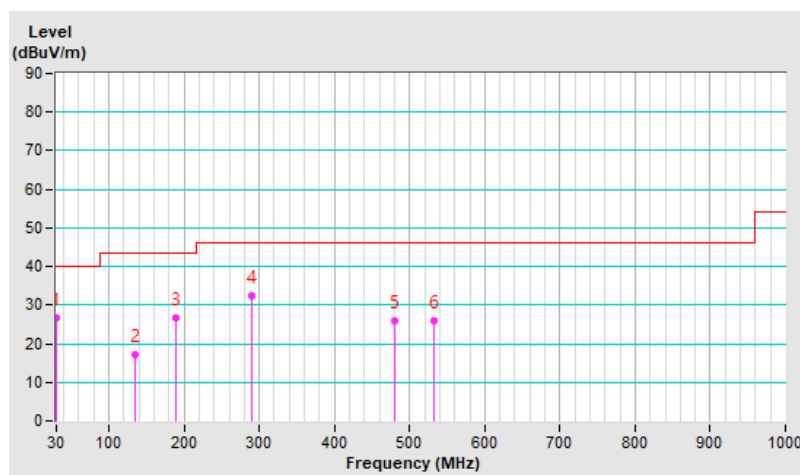
Mode C (USB interface using internal antenna)

RF Mode	802.11a	Channel	CH 149 : 5745 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	20°C, 61% RH
Tested By	Clark Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.82	26.6 QP	40.0	-13.4	1.00 H	221	45.6	-19.0
2	135.15	17.0 QP	43.5	-26.5	3.00 H	264	35.3	-18.3
3	188.80	26.7 QP	43.5	-16.8	1.50 H	188	47.1	-20.4
4	290.02	32.3 QP	46.0	-13.7	1.00 H	180	49.5	-17.2
5	480.83	25.8 QP	46.0	-20.2	2.00 H	292	38.3	-12.5
6	532.73	25.9 QP	46.0	-20.1	1.50 H	302	37.5	-11.6

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 of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

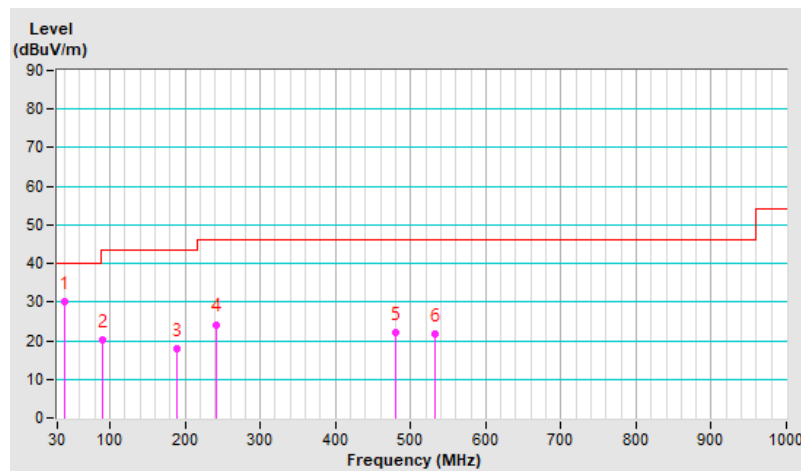


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	20°C, 61% RH
Tested By	Clark Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40.04	30.1 QP	40.0	-9.9	1.00 V	251	48.3	-18.2
2	89.51	20.2 QP	43.5	-23.3	1.50 V	66	43.6	-23.4
3	189.14	18.0 QP	43.5	-25.5	1.00 V	134	38.4	-20.4
4	242.10	24.2 QP	46.0	-21.8	2.00 V	348	43.3	-19.1
5	480.01	22.1 QP	46.0	-23.9	1.00 V	293	34.6	-12.5
6	532.49	21.7 QP	46.0	-24.3	1.00 V	307	33.3	-11.6

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 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.



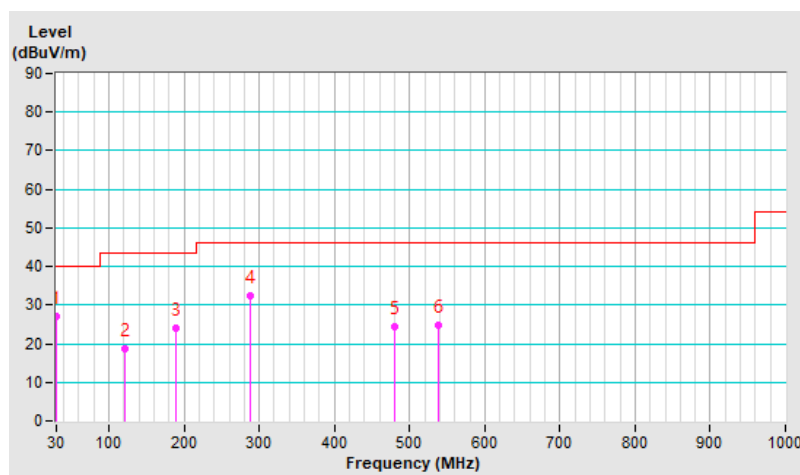
Mode D (USB interface using external antenna)

RF Mode	802.11a	Channel	CH 149 : 5745 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	20°C, 61% RH
Tested By	Clark Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.82	27.0 QP	40.0	-13.0	1.00 H	11	46.0	-19.0
2	120.41	18.8 QP	43.5	-24.7	3.00 H	278	38.6	-19.8
3	188.70	24.0 QP	43.5	-19.5	1.50 H	328	44.4	-20.4
4	288.52	32.4 QP	46.0	-13.6	1.50 H	1	49.6	-17.2
5	480.01	24.5 QP	46.0	-21.5	2.00 H	92	37.0	-12.5
6	539.08	24.8 QP	46.0	-21.2	1.50 H	300	36.4	-11.6

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 of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

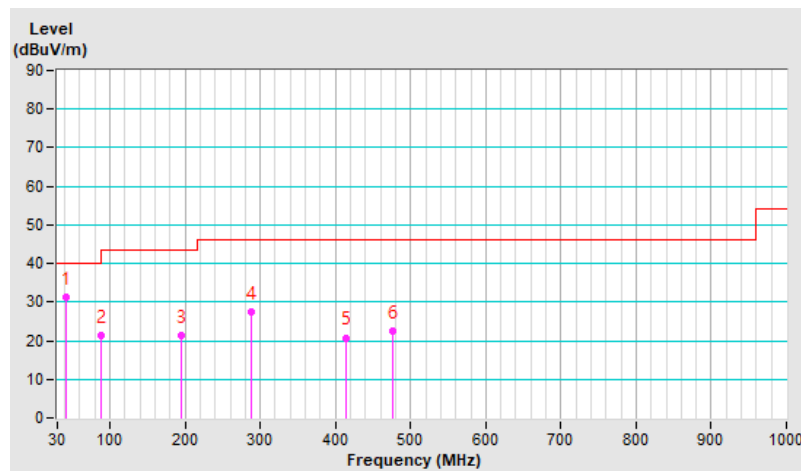


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	20°C, 61% RH
Tested By	Clark Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	41.59	31.2 QP	40.0	-8.8	1.00 V	242	49.1	-17.9
2	89.12	21.5 QP	43.5	-22.0	1.50 V	260	44.9	-23.4
3	195.10	21.2 QP	43.5	-22.3	1.50 V	120	42.0	-20.8
4	288.57	27.4 QP	46.0	-18.6	2.00 V	180	44.6	-17.2
5	414.92	20.8 QP	46.0	-25.2	1.50 V	278	35.1	-14.3
6	475.98	22.4 QP	46.0	-23.6	2.00 V	223	35.0	-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 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

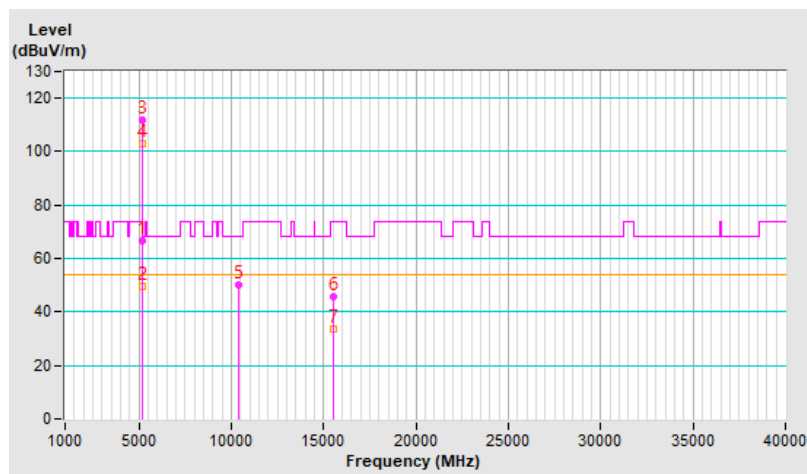
Mode C (USB interface using internal antenna)

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	21°C, 69% 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	66.7 PK	74.0	-7.3	1.00 H	162	63.3	3.4
2	5150.00	49.8 AV	54.0	-4.2	1.00 H	162	46.4	3.4
3	*5180.00	111.7 PK			1.00 H	162	108.6	3.1
4	*5180.00	102.8 AV			1.00 H	162	99.7	3.1
5	#10360.00	50.1 PK	68.2	-18.1	1.12 H	41	37.3	12.8
6	15540.00	45.8 PK	74.0	-28.2	1.19 H	88	34.5	11.3
7	15540.00	33.4 AV	54.0	-20.6	1.19 H	88	22.1	11.3

Remarks:

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

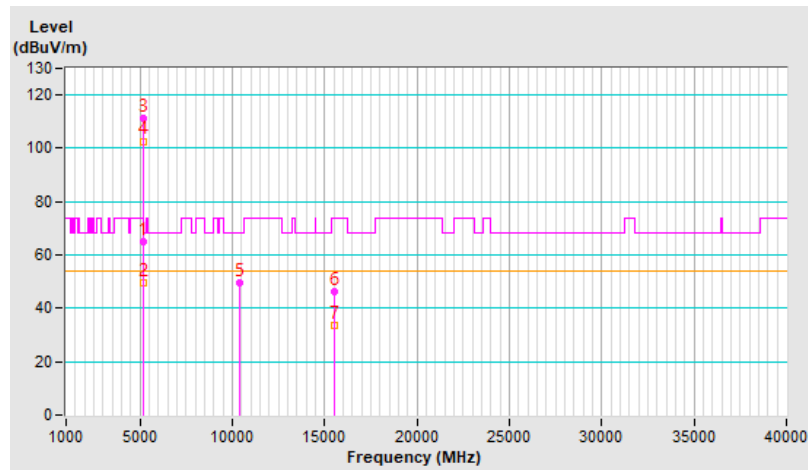


RF Mode	802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	65.1 PK	74.0	-8.9	3.87 V	52	61.7	3.4
2	5150.00	49.6 AV	54.0	-4.4	3.87 V	52	46.2	3.4
3	*5180.00	111.5 PK			3.87 V	52	108.4	3.1
4	*5180.00	102.7 AV			3.87 V	52	99.6	3.1
5	#10360.00	49.6 PK	68.2	-18.6	1.17 V	88	36.8	12.8
6	15540.00	46.1 PK	74.0	-27.9	1.21 V	353	34.8	11.3
7	15540.00	33.5 AV	54.0	-20.5	1.21 V	353	22.2	11.3

Remarks:

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

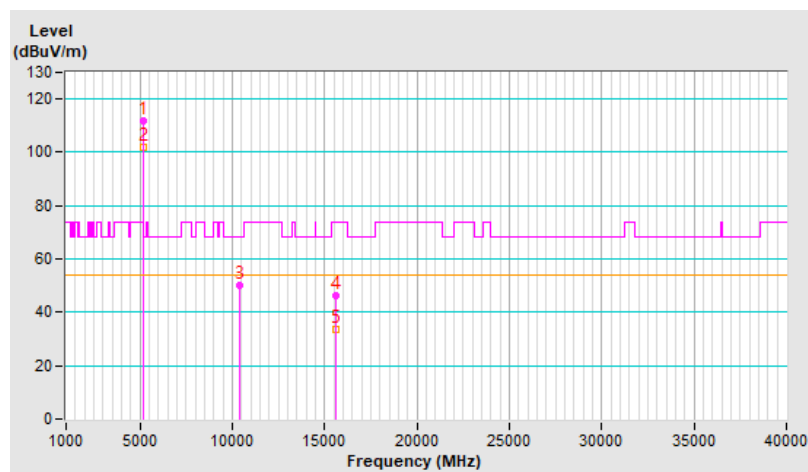


RF Mode	802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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			1.13 H	161	108.6	3.0
2	*5200.00	102.1 AV			1.13 H	161	99.1	3.0
3	#10400.00	50.3 PK	68.2	-17.9	1.10 H	43	37.2	13.1
4	15600.00	46.3 PK	74.0	-27.7	1.15 H	88	35.6	10.7
5	15600.00	33.7 AV	54.0	-20.3	1.15 H	88	23.0	10.7

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.

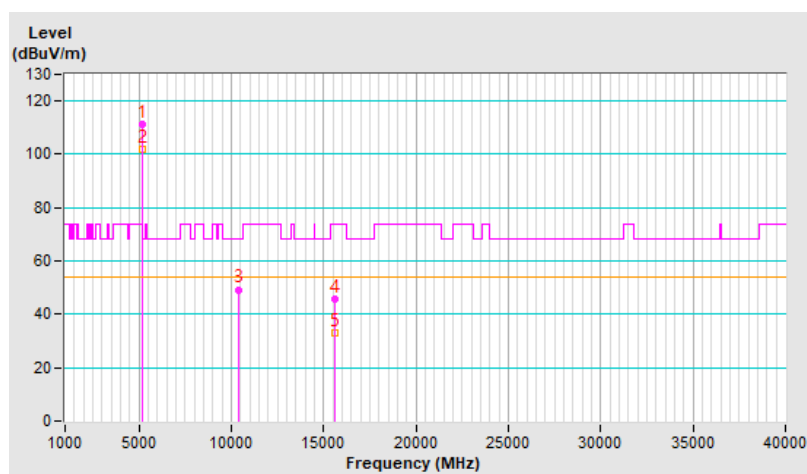


RF Mode	802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	111.1 PK			3.59 V	54	108.1	3.0
2	*5200.00	101.8 AV			3.59 V	54	98.8	3.0
3	#10400.00	49.3 PK	68.2	-18.9	1.14 V	59	36.2	13.1
4	15600.00	45.6 PK	74.0	-28.4	1.24 V	358	34.9	10.7
5	15600.00	33.1 AV	54.0	-20.9	1.24 V	358	22.4	10.7

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.

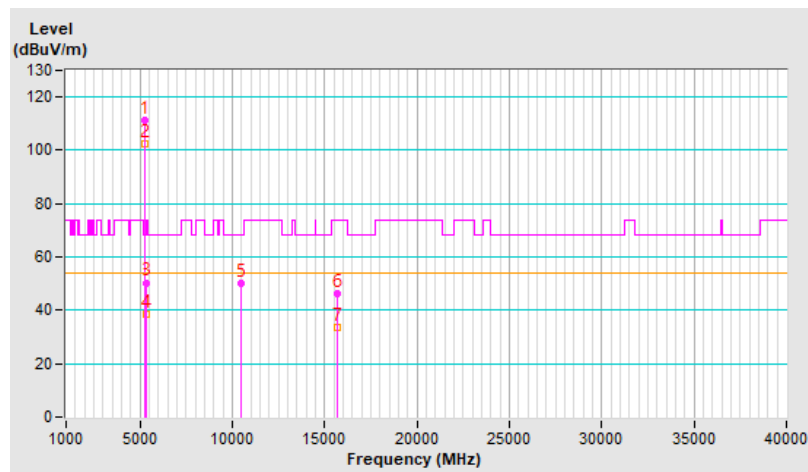


RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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			1.15 H	176	108.7	2.7
2	*5240.00	102.5 AV			1.15 H	176	99.8	2.7
3	5350.00	50.4 PK	74.0	-23.6	1.15 H	176	47.6	2.8
4	5350.00	38.3 AV	54.0	-15.7	1.15 H	176	35.5	2.8
5	#10480.00	50.0 PK	68.2	-18.2	1.12 H	66	37.2	12.8
6	15720.00	46.3 PK	74.0	-27.7	1.23 H	87	34.9	11.4
7	15720.00	33.7 AV	54.0	-20.3	1.23 H	87	22.3	11.4

Remarks:

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

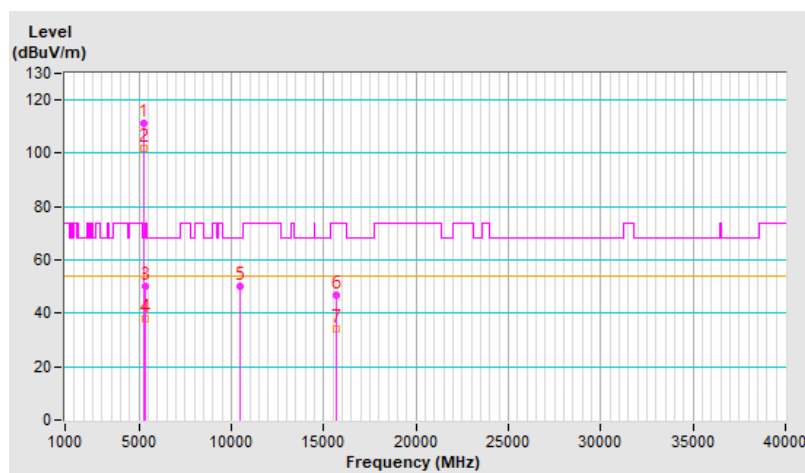


RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	111.2 PK			3.78 V	46	108.5	2.7
2	*5240.00	102.1 AV			3.78 V	46	99.4	2.7
3	5350.00	49.9 PK	74.0	-24.1	3.78 V	46	47.1	2.8
4	5350.00	38.0 AV	54.0	-16.0	3.78 V	46	35.2	2.8
5	#10480.00	49.9 PK	68.2	-18.3	1.09 V	71	37.1	12.8
6	15720.00	46.7 PK	74.0	-27.3	1.19 V	346	35.3	11.4
7	15720.00	33.9 AV	54.0	-20.1	1.19 V	346	22.5	11.4

Remarks:

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

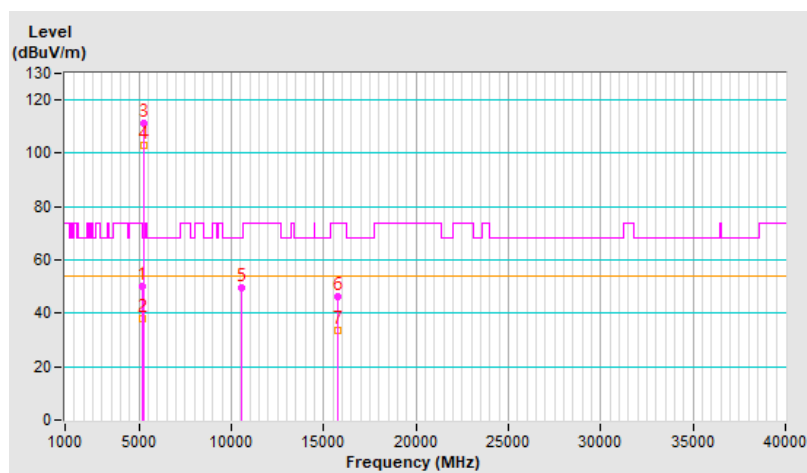


RF Mode	802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	50.0 PK	74.0	-24.0	1.14 H	186	46.6	3.4
2	5150.00	37.9 AV	54.0	-16.1	1.14 H	186	34.5	3.4
3	*5260.00	111.5 PK			1.14 H	186	108.9	2.6
4	*5260.00	102.8 AV			1.14 H	186	100.2	2.6
5	#10520.00	49.8 PK	68.2	-18.4	1.09 H	48	37.2	12.6
6	15780.00	46.2 PK	74.0	-27.8	1.25 H	92	34.4	11.8
7	15780.00	33.5 AV	54.0	-20.5	1.25 H	92	21.7	11.8

Remarks:

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

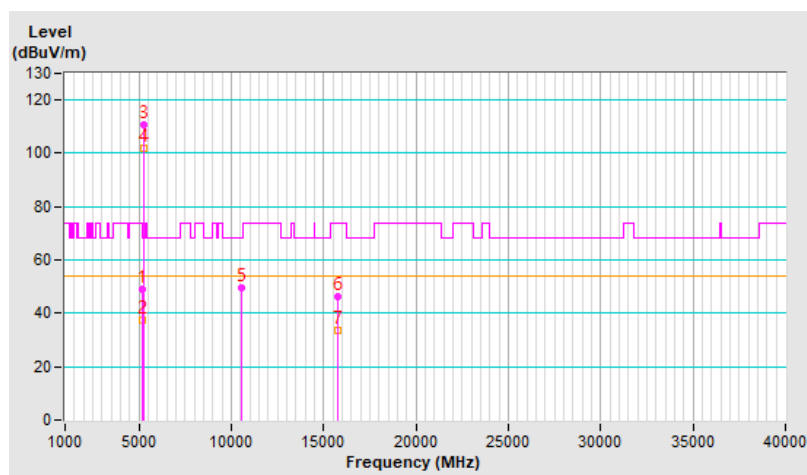


RF Mode	802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.1 PK	74.0	-24.9	3.73 V	30	45.7	3.4
2	5150.00	37.5 AV	54.0	-16.5	3.73 V	30	34.1	3.4
3	*5260.00	110.9 PK			3.73 V	30	108.3	2.6
4	*5260.00	102.0 AV			3.73 V	30	99.4	2.6
5	#10520.00	49.5 PK	68.2	-18.7	1.08 V	72	36.9	12.6
6	15780.00	46.4 PK	74.0	-27.6	1.16 V	354	34.6	11.8
7	15780.00	33.8 AV	54.0	-20.2	1.16 V	354	22.0	11.8

Remarks:

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

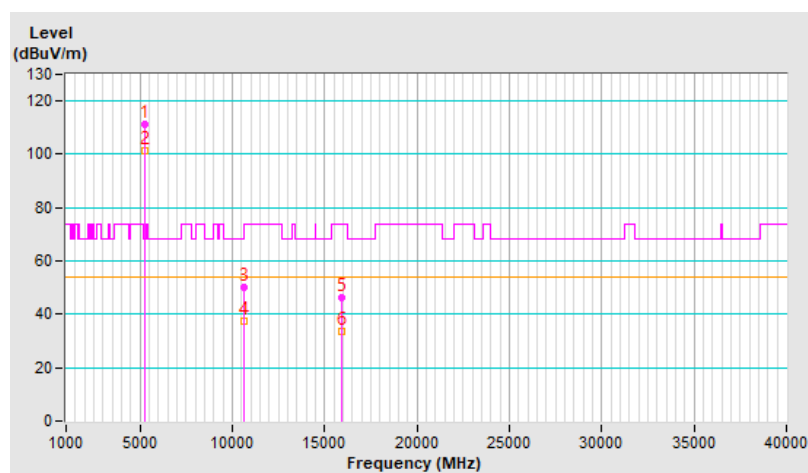


RF Mode	802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	111.3 PK			1.16 H	166	108.9	2.4
2	*5300.00	101.5 AV			1.16 H	166	99.1	2.4
3	10600.00	50.1 PK	74.0	-23.9	1.08 H	51	37.2	12.9
4	10600.00	37.6 AV	54.0	-16.4	1.08 H	51	24.7	12.9
5	15900.00	46.3 PK	74.0	-27.7	1.21 H	100	34.2	12.1
6	15900.00	33.7 AV	54.0	-20.3	1.21 H	100	21.6	12.1

Remarks:

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

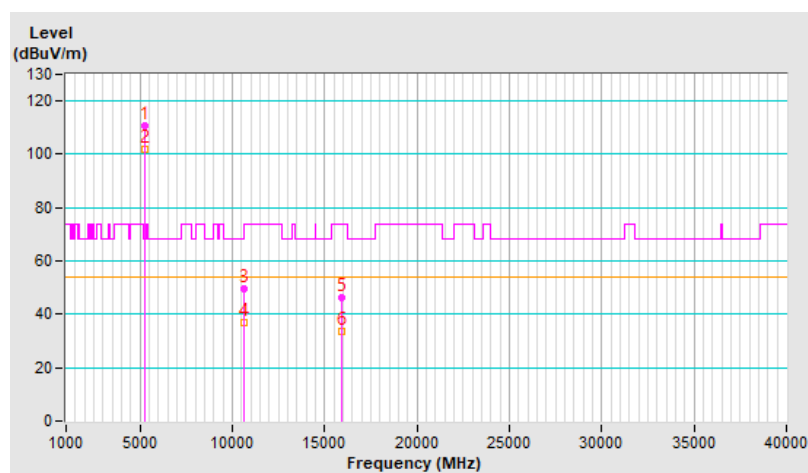


RF Mode	802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	110.6 PK			3.75 V	44	108.2	2.4
2	*5300.00	101.7 AV			3.75 V	44	99.3	2.4
3	10600.00	49.7 PK	74.0	-24.3	1.13 V	75	36.8	12.9
4	10600.00	36.8 AV	54.0	-17.2	1.13 V	75	23.9	12.9
5	15900.00	46.1 PK	74.0	-27.9	1.21 V	356	34.0	12.1
6	15900.00	33.5 AV	54.0	-20.5	1.21 V	356	21.4	12.1

Remarks:

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

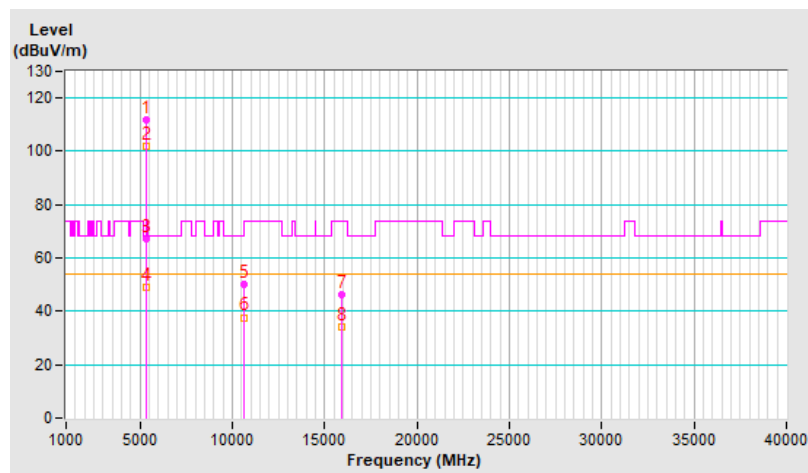


RF Mode	802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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			1.19 H	168	109.2	2.6
2	*5320.00	101.9 AV			1.19 H	168	99.3	2.6
3	5350.00	67.3 PK	74.0	-6.7	1.19 H	168	64.5	2.8
4	5350.00	48.8 AV	54.0	-5.2	1.19 H	168	46.0	2.8
5	10640.00	50.2 PK	74.0	-23.8	1.09 H	51	37.1	13.1
6	10640.00	37.7 AV	54.0	-16.3	1.09 H	51	24.6	13.1
7	15960.00	46.4 PK	74.0	-27.6	1.16 H	113	34.0	12.4
8	15960.00	33.9 AV	54.0	-20.1	1.16 H	113	21.5	12.4

Remarks:

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

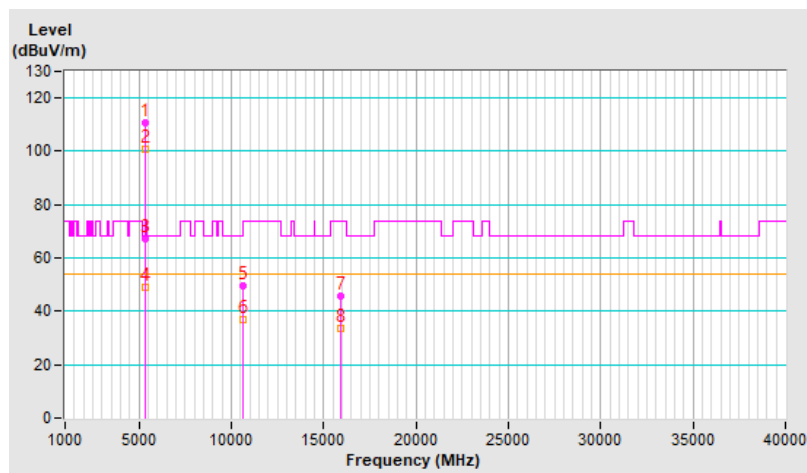


RF Mode	802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	110.6 PK			3.87 V	58	108.0	2.6
2	*5320.00	100.8 AV			3.87 V	58	98.2	2.6
3	5350.00	67.0 PK	74.0	-7.0	3.87 V	58	64.2	2.8
4	5350.00	49.1 AV	54.0	-4.9	3.87 V	58	46.3	2.8
5	10640.00	49.8 PK	74.0	-24.2	1.13 V	88	36.7	13.1
6	10640.00	36.7 AV	54.0	-17.3	1.13 V	88	23.6	13.1
7	15960.00	45.9 PK	74.0	-28.1	1.16 V	344	33.5	12.4
8	15960.00	33.5 AV	54.0	-20.5	1.16 V	344	21.1	12.4

Remarks:

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

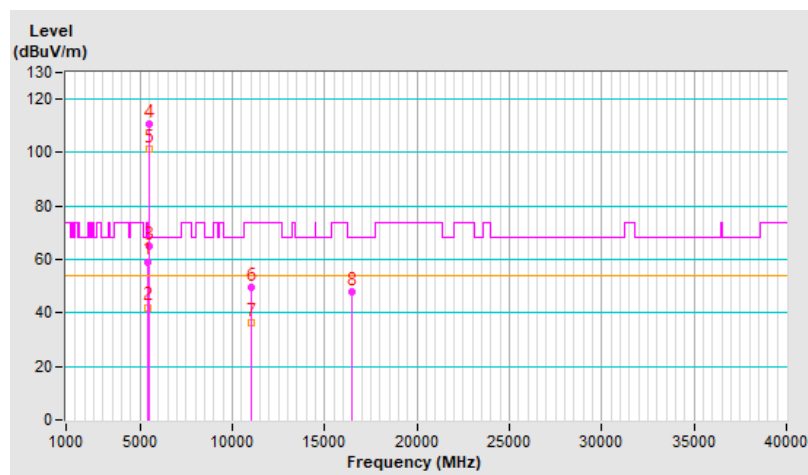


RF Mode	802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	59.2 PK	74.0	-14.8	1.11 H	166	56.3	2.9
2	5460.00	42.1 AV	54.0	-11.9	1.11 H	166	39.2	2.9
3	#5470.00	65.2 PK	68.2	-3.0	1.11 H	166	62.3	2.9
4	*5500.00	110.8 PK			1.11 H	166	107.9	2.9
5	*5500.00	101.3 AV			1.11 H	166	98.4	2.9
6	11000.00	49.5 PK	74.0	-24.5	1.09 H	320	35.7	13.8
7	11000.00	36.3 AV	54.0	-17.7	1.09 H	320	22.5	13.8
8	#16500.00	48.1 PK	68.2	-20.1	1.22 H	61	33.4	14.7

Remarks:

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

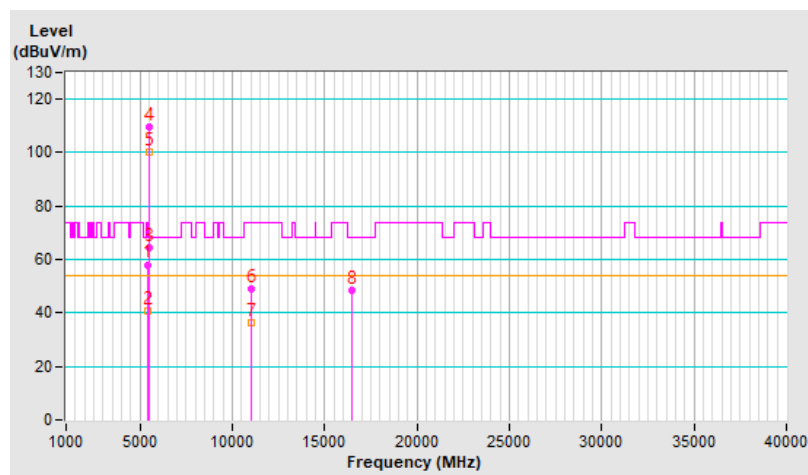


RF Mode	802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	58.1 PK	74.0	-15.9	3.88 V	46	55.2	2.9
2	5460.00	40.6 AV	54.0	-13.4	3.88 V	46	37.7	2.9
3	#5470.00	64.2 PK	68.2	-4.0	3.88 V	46	61.3	2.9
4	*5500.00	109.5 PK			3.88 V	46	106.6	2.9
5	*5500.00	100.3 AV			3.88 V	46	97.4	2.9
6	11000.00	49.1 PK	74.0	-24.9	1.10 V	357	35.3	13.8
7	11000.00	36.1 AV	54.0	-17.9	1.10 V	357	22.3	13.8
8	#16500.00	48.2 PK	68.2	-20.0	3.87 V	360	33.5	14.7

Remarks:

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

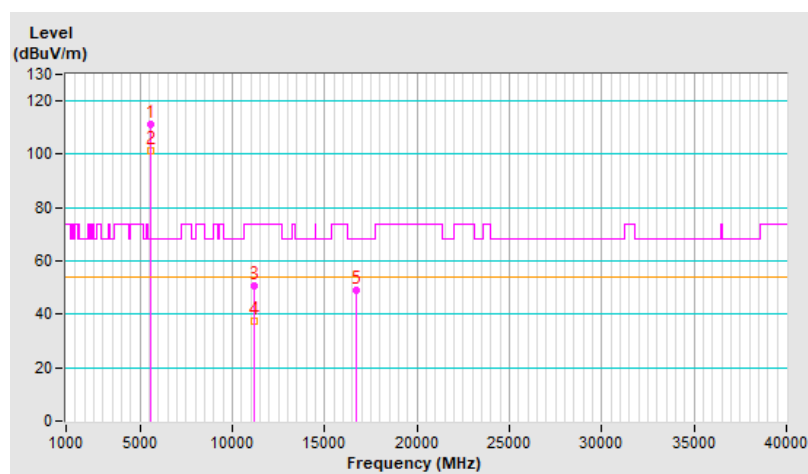


RF Mode	802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	111.3 PK			3.87 V	56	108.6	2.7
2	*5580.00	101.4 AV			3.87 V	56	98.7	2.7
3	11160.00	50.5 PK	74.0	-23.5	1.07 V	358	37.3	13.2
4	11160.00	37.4 AV	54.0	-16.6	1.07 V	358	24.2	13.2
5	#16740.00	48.8 PK	68.2	-19.4	3.85 V	360	32.9	15.9

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.

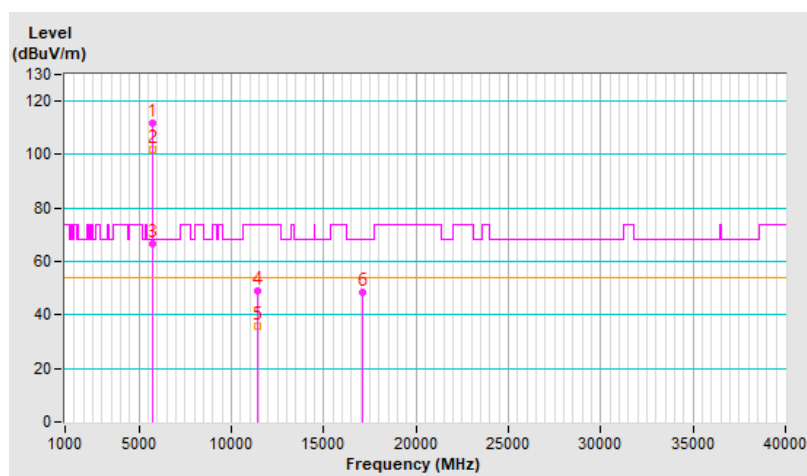


RF Mode	802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	111.6 PK			1.09 H	155	108.7	2.9
2	*5700.00	101.9 AV			1.09 H	155	99.0	2.9
3	#5725.00	66.7 PK	68.2	-1.5	1.09 H	155	63.8	2.9
4	11400.00	49.1 PK	74.0	-24.9	1.06 H	313	35.8	13.3
5	11400.00	35.9 AV	54.0	-18.1	1.06 H	313	22.6	13.3
6	#17100.00	48.6 PK	68.2	-19.6	1.16 H	46	32.2	16.4

Remarks:

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

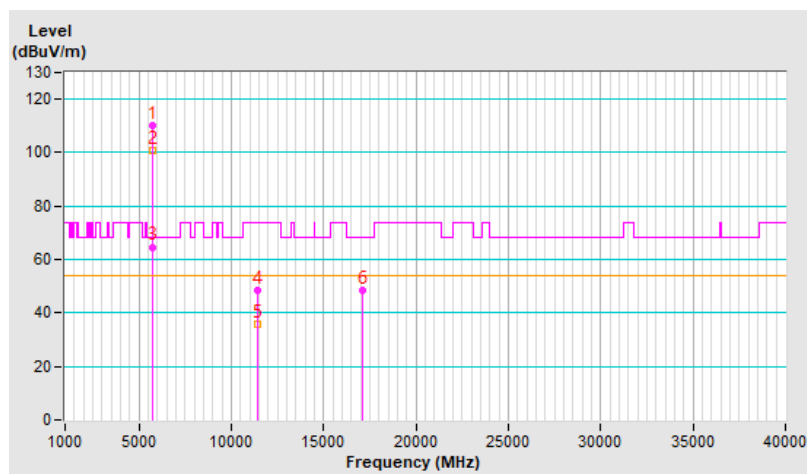


RF Mode	802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	110.3 PK			3.97 V	47	107.4	2.9
2	*5700.00	100.7 AV			3.97 V	47	97.8	2.9
3	#5725.00	64.7 PK	68.2	-3.5	3.97 V	47	61.8	2.9
4	11400.00	48.7 PK	74.0	-25.3	1.14 V	355	35.4	13.3
5	11400.00	35.9 AV	54.0	-18.1	1.14 V	355	22.6	13.3
6	#17100.00	48.2 PK	68.2	-20.0	3.93 V	360	31.8	16.4

Remarks:

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

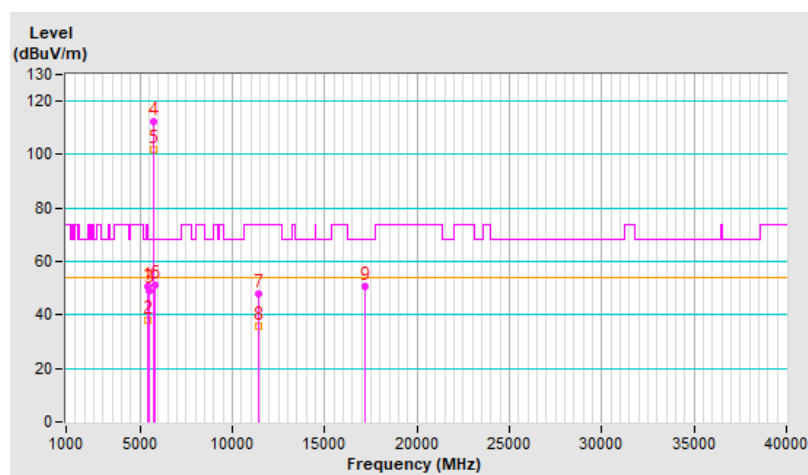


RF Mode	802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	50.6 PK	74.0	-23.4	1.00 H	152	47.7	2.9
2	5460.00	38.1 AV	54.0	-15.9	1.00 H	152	35.2	2.9
3	#5470.00	49.3 PK	68.2	-18.9	1.00 H	152	46.4	2.9
4	*5720.00	112.3 PK			1.00 H	152	109.4	2.9
5	*5720.00	102.1 AV			1.00 H	152	99.2	2.9
6	#5850.00	51.3 PK	68.2	-16.9	1.00 H	152	48.0	3.3
7	11440.00	48.1 PK	74.0	-25.9	1.49 H	360	34.9	13.2
8	11440.00	35.7 AV	54.0	-18.3	1.49 H	360	22.5	13.2
9	#17160.00	50.9 PK	68.2	-17.3	1.57 H	355	34.1	16.8

Remarks:

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

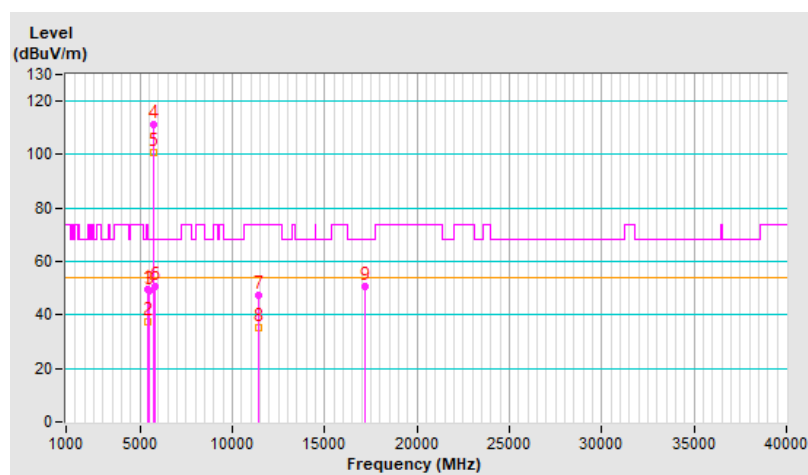


RF Mode	802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.7 PK	74.0	-24.3	3.85 V	46	46.8	2.9
2	5460.00	37.6 AV	54.0	-16.4	3.85 V	46	34.7	2.9
3	#5470.00	48.8 PK	68.2	-19.4	3.85 V	46	45.9	2.9
4	*5720.00	111.2 PK			3.85 V	46	108.3	2.9
5	*5720.00	100.9 AV			3.85 V	46	98.0	2.9
6	#5850.00	50.9 PK	68.2	-17.3	3.85 V	46	47.6	3.3
7	11440.00	47.5 PK	74.0	-26.5	1.25 V	357	34.3	13.2
8	11440.00	35.3 AV	54.0	-18.7	1.25 V	357	22.1	13.2
9	#17160.00	50.6 PK	68.2	-17.6	3.55 V	360	33.8	16.8

Remarks:

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

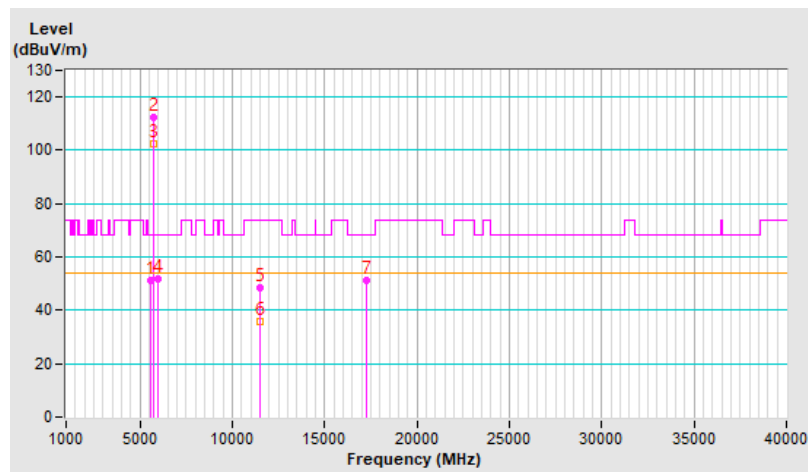


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5606.00	51.3 PK	68.2	-16.9	1.18 H	148	48.6	2.7
2	*5745.00	112.5 PK			1.18 H	148	109.5	3.0
3	*5745.00	102.5 AV			1.18 H	148	99.5	3.0
4	#5974.30	51.7 PK	68.2	-16.5	1.18 H	148	48.4	3.3
5	11490.00	48.2 PK	74.0	-25.8	1.10 H	209	35.2	13.0
6	11490.00	35.7 AV	54.0	-18.3	1.10 H	209	22.7	13.0
7	#17235.00	51.0 PK	68.2	-17.2	1.24 H	358	33.7	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.

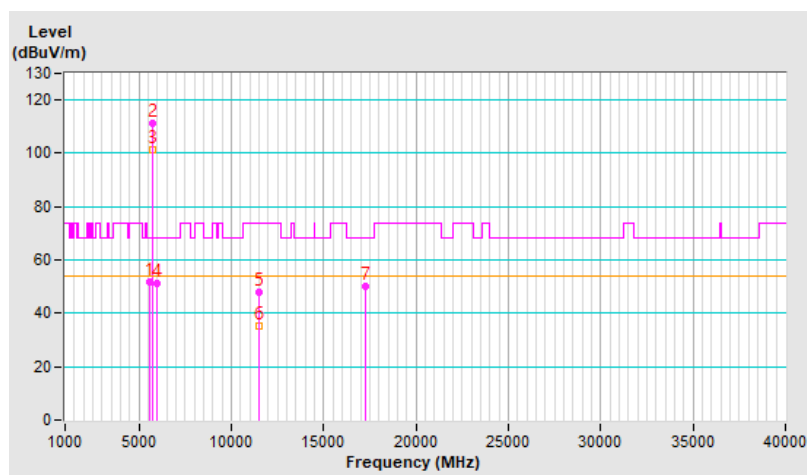


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5609.70	52.0 PK	68.2	-16.2	3.97 V	56	49.3	2.7
2	*5745.00	111.4 PK			3.97 V	56	108.4	3.0
3	*5745.00	101.1 AV			3.97 V	56	98.1	3.0
4	#5967.60	51.2 PK	68.2	-17.0	3.97 V	56	48.0	3.2
5	11490.00	47.8 PK	74.0	-26.2	1.33 V	355	34.8	13.0
6	11490.00	35.2 AV	54.0	-18.8	1.33 V	355	22.2	13.0
7	#17235.00	50.3 PK	68.2	-17.9	2.99 V	288	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.

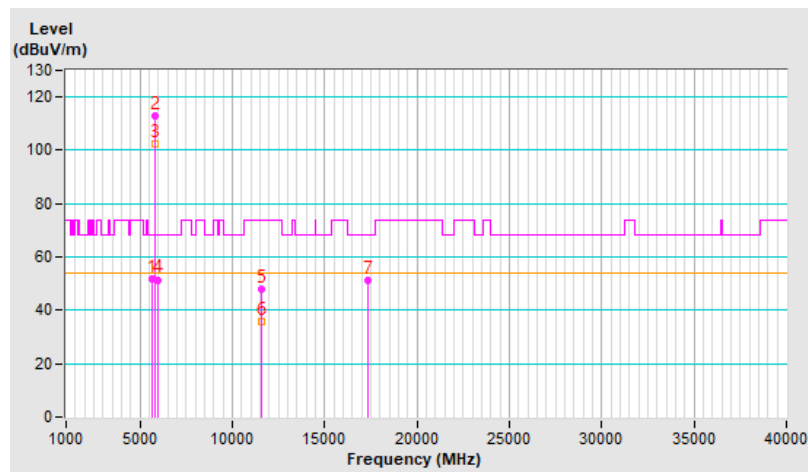


RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5647.50	51.7 PK	68.2	-16.5	1.09 H	154	49.0	2.7
2	*5785.00	113.1 PK			1.09 H	154	109.9	3.2
3	*5785.00	102.3 AV			1.09 H	154	99.1	3.2
4	#5966.80	51.5 PK	68.2	-16.7	1.09 H	154	48.3	3.2
5	11570.00	48.1 PK	74.0	-25.9	1.11 H	213	34.9	13.2
6	11570.00	35.6 AV	54.0	-18.4	1.11 H	213	22.4	13.2
7	#17355.00	51.2 PK	68.2	-17.0	1.27 H	360	32.7	18.5

Remarks:

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

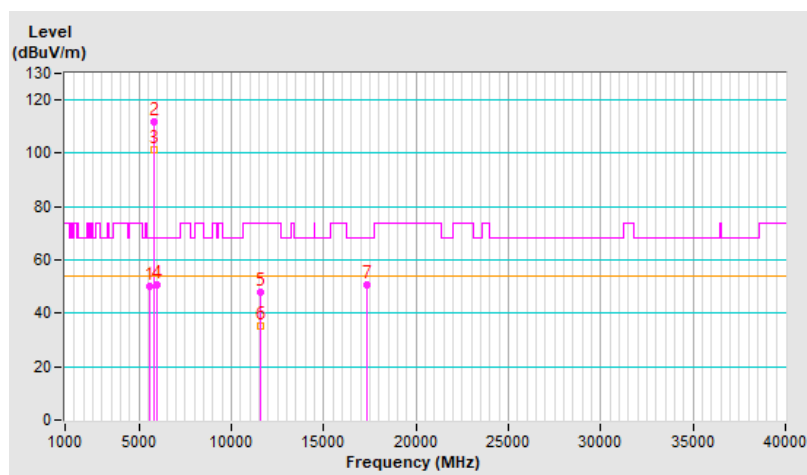


RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5607.10	50.2 PK	68.2	-18.0	3.87 V	52	47.5	2.7
2	*5785.00	111.6 PK			3.87 V	52	108.4	3.2
3	*5785.00	101.4 AV			3.87 V	52	98.2	3.2
4	#5972.60	50.7 PK	68.2	-17.5	3.87 V	52	47.4	3.3
5	11570.00	48.1 PK	74.0	-25.9	1.32 V	355	34.9	13.2
6	11570.00	35.3 AV	54.0	-18.7	1.32 V	355	22.1	13.2
7	#17355.00	50.7 PK	68.2	-17.5	3.05 V	286	32.2	18.5

Remarks:

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

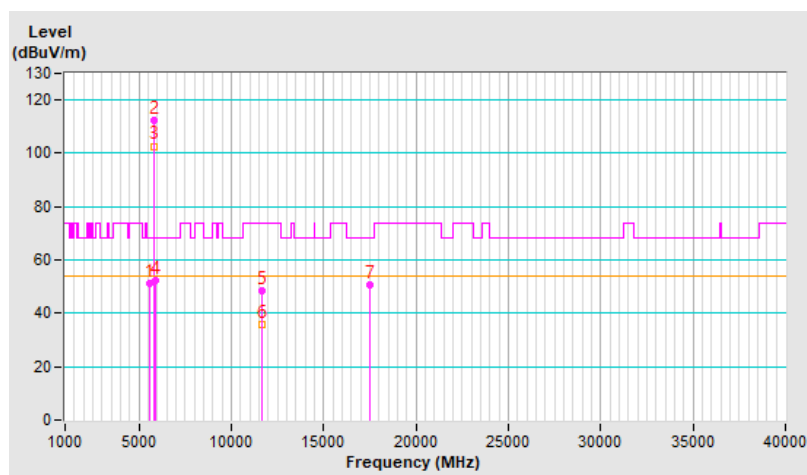


RF Mode	802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5597.70	51.1 PK	68.2	-17.1	1.09 H	167	48.4	2.7
2	*5825.00	112.6 PK			1.09 H	167	109.3	3.3
3	*5825.00	102.7 AV			1.09 H	167	99.4	3.3
4	#5927.30	52.5 PK	68.2	-15.7	1.09 H	167	49.3	3.2
5	11650.00	48.2 PK	74.0	-25.8	1.13 H	212	35.1	13.1
6	11650.00	35.8 AV	54.0	-18.2	1.13 H	212	22.7	13.1
7	#17475.00	50.9 PK	68.2	-17.3	1.27 H	349	30.8	20.1

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.

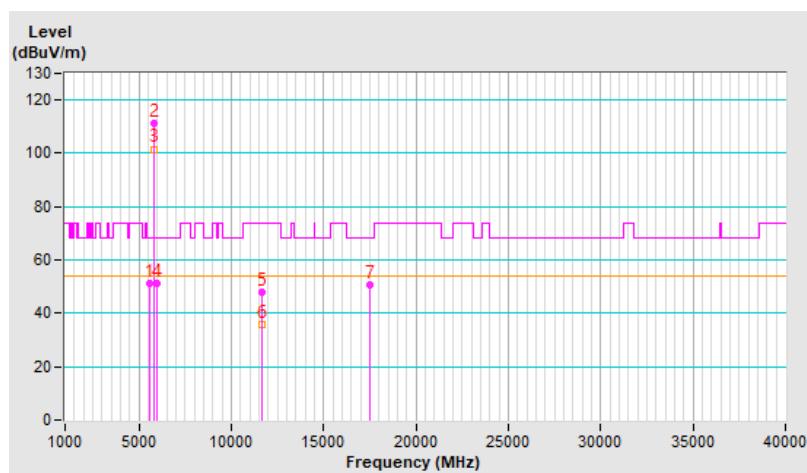


RF Mode	802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5609.10	51.1 PK	68.2	-17.1	4.00 V	56	48.4	2.7
2	*5825.00	111.5 PK			4.00 V	56	108.2	3.3
3	*5825.00	101.6 AV			4.00 V	56	98.3	3.3
4	#5951.00	51.4 PK	68.2	-16.8	4.00 V	56	48.2	3.2
5	11650.00	47.9 PK	74.0	-26.1	1.35 V	350	34.8	13.1
6	11650.00	35.6 AV	54.0	-18.4	1.35 V	350	22.5	13.1
7	#17475.00	50.9 PK	68.2	-17.3	3.03 V	279	30.8	20.1

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.

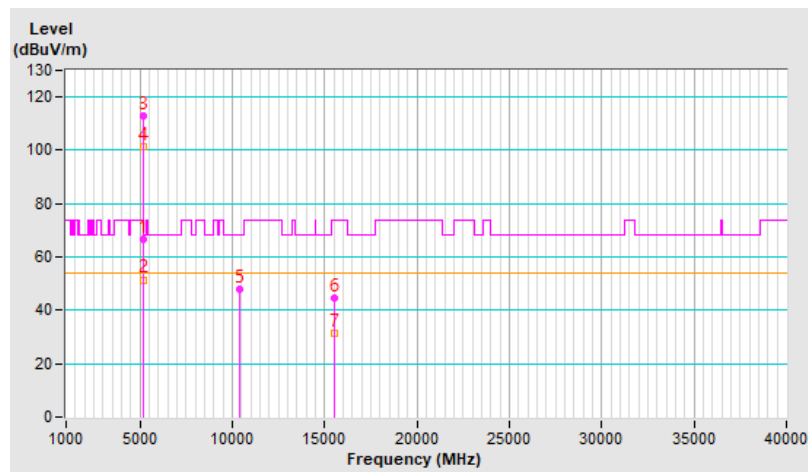


RF Mode	802.11ac (VHT20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	66.4 PK	74.0	-7.6	1.15 H	167	63.0	3.4
2	5150.00	51.5 AV	54.0	-2.5	1.15 H	167	48.1	3.4
3	*5180.00	113.0 PK			1.15 H	167	109.9	3.1
4	*5180.00	101.4 AV			1.15 H	167	98.3	3.1
5	#10360.00	47.8 PK	68.2	-20.4	1.90 H	354	35.0	12.8
6	15540.00	44.5 PK	74.0	-29.5	1.75 H	39	33.2	11.3
7	15540.00	31.6 AV	54.0	-22.4	1.75 H	39	20.3	11.3

Remarks:

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

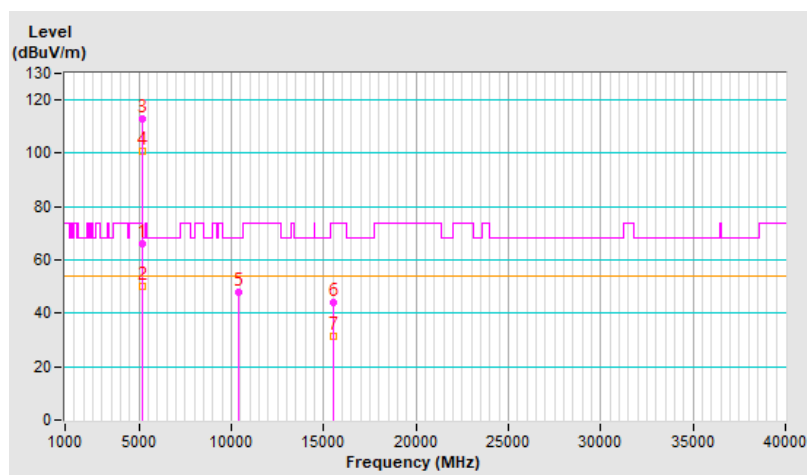


RF Mode	802.11ac (VHT20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	66.0 PK	74.0	-8.0	3.86 V	53	62.6	3.4
2	5150.00	50.2 AV	54.0	-3.8	3.86 V	53	46.8	3.4
3	*5180.00	113.0 PK			3.86 V	53	109.9	3.1
4	*5180.00	100.9 AV			3.86 V	53	97.8	3.1
5	#10360.00	47.7 PK	68.2	-20.5	2.00 V	331	34.9	12.8
6	15540.00	44.1 PK	74.0	-29.9	1.70 V	46	32.8	11.3
7	15540.00	31.5 AV	54.0	-22.5	1.70 V	46	20.2	11.3

Remarks:

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

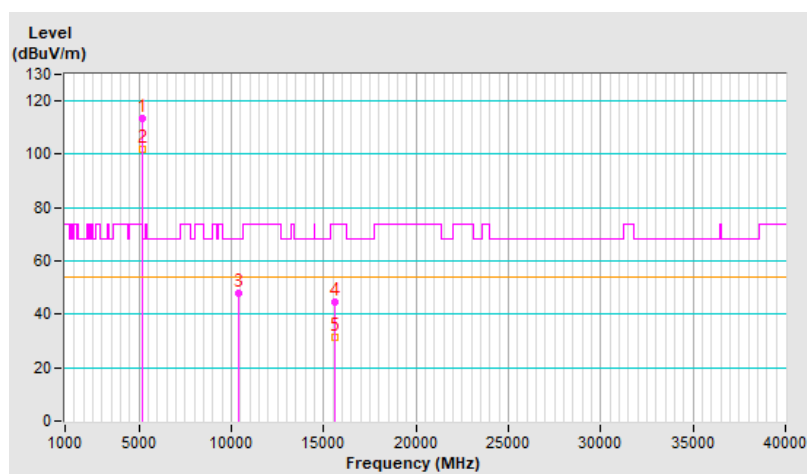


RF Mode	802.11ac (VHT20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.3 PK			1.06 H	151	110.3	3.0
2	*5200.00	101.7 AV			1.06 H	151	98.7	3.0
3	#10400.00	48.0 PK	68.2	-20.2	1.98 H	360	34.9	13.1
4	15600.00	44.5 PK	74.0	-29.5	1.79 H	19	33.8	10.7
5	15600.00	31.4 AV	54.0	-22.6	1.79 H	19	20.7	10.7

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.

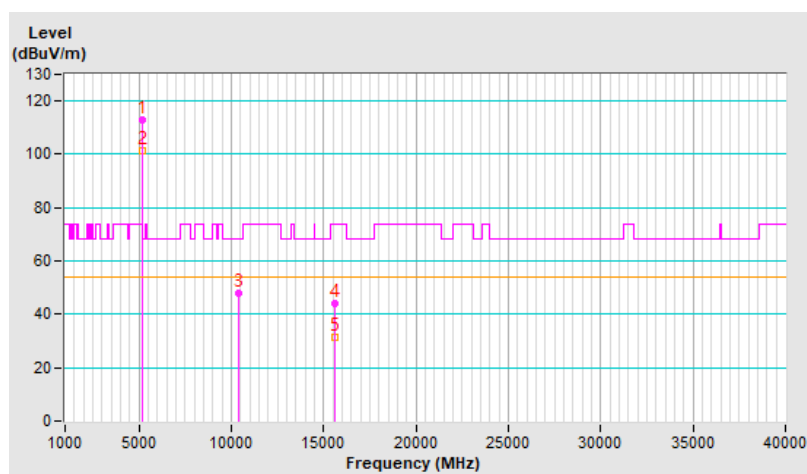


RF Mode	802.11ac (VHT20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.1 PK			3.73 V	64	110.1	3.0
2	*5200.00	101.3 AV			3.73 V	64	98.3	3.0
3	#10400.00	47.7 PK	68.2	-20.5	1.96 V	340	34.6	13.1
4	15600.00	44.1 PK	74.0	-29.9	1.69 V	48	33.4	10.7
5	15600.00	31.6 AV	54.0	-22.4	1.69 V	48	20.9	10.7

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.

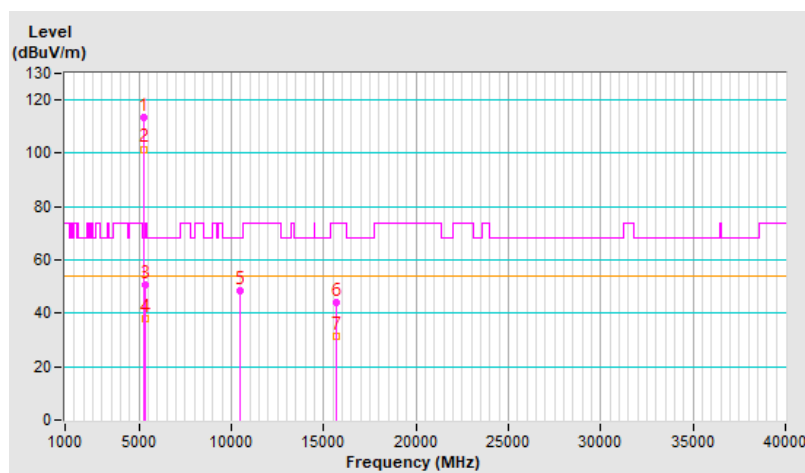


RF Mode	802.11ac (VHT20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.4 PK			1.12 H	150	110.7	2.7
2	*5240.00	101.6 AV			1.12 H	150	98.9	2.7
3	5350.00	50.6 PK	74.0	-23.4	1.12 H	150	47.8	2.8
4	5350.00	38.1 AV	54.0	-15.9	1.12 H	150	35.3	2.8
5	#10480.00	48.3 PK	68.2	-19.9	2.02 H	360	35.5	12.8
6	15720.00	44.3 PK	74.0	-29.7	1.84 H	25	32.9	11.4
7	15720.00	31.2 AV	54.0	-22.8	1.84 H	25	19.8	11.4

Remarks:

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

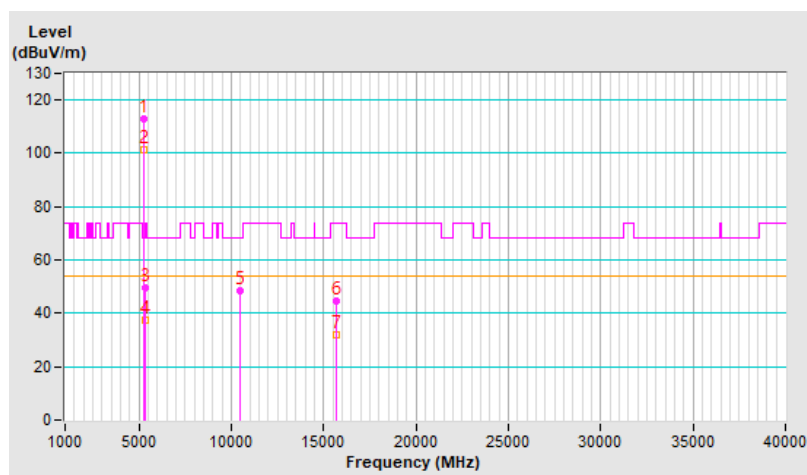


RF Mode	802.11ac (VHT20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.1 PK			3.87 V	49	110.4	2.7
2	*5240.00	101.3 AV			3.87 V	49	98.6	2.7
3	5350.00	49.7 PK	74.0	-24.3	3.87 V	49	46.9	2.8
4	5350.00	37.3 AV	54.0	-16.7	3.87 V	49	34.5	2.8
5	#10480.00	48.2 PK	68.2	-20.0	1.93 V	344	35.4	12.8
6	15720.00	44.7 PK	74.0	-29.3	1.75 V	47	33.3	11.4
7	15720.00	31.9 AV	54.0	-22.1	1.75 V	47	20.5	11.4

Remarks:

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

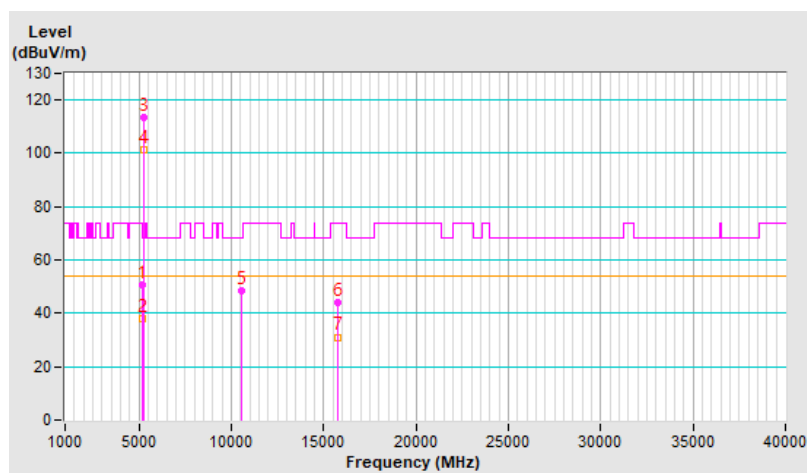


RF Mode	802.11ac (VHT20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	50.5 PK	74.0	-23.5	1.12 H	143	47.1	3.4
2	5150.00	37.8 AV	54.0	-16.2	1.12 H	143	34.4	3.4
3	*5260.00	113.3 PK			1.12 H	143	110.7	2.6
4	*5260.00	101.4 AV			1.12 H	143	98.8	2.6
5	#10520.00	48.3 PK	68.2	-19.9	1.93 H	357	35.7	12.6
6	15780.00	43.9 PK	74.0	-30.1	1.78 H	4	32.1	11.8
7	15780.00	31.1 AV	54.0	-22.9	1.78 H	4	19.3	11.8

Remarks:

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

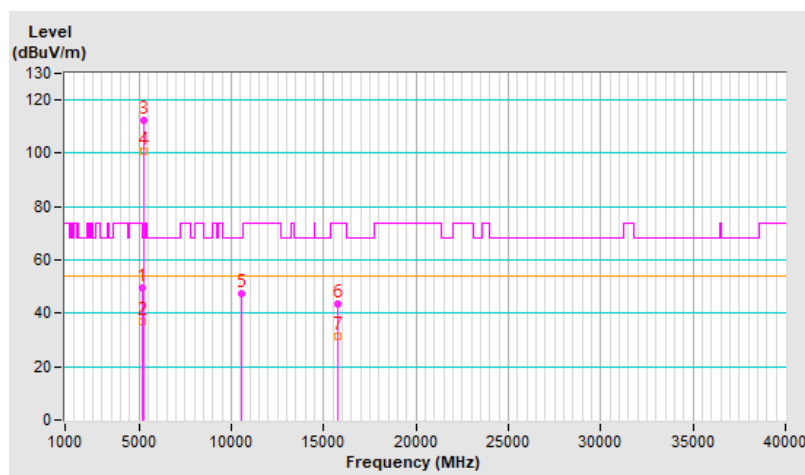


RF Mode	802.11ac (VHT20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.6 PK	74.0	-24.4	3.77 V	73	46.2	3.4
2	5150.00	37.0 AV	54.0	-17.0	3.77 V	73	33.6	3.4
3	*5260.00	112.5 PK			3.77 V	73	109.9	2.6
4	*5260.00	100.9 AV			3.77 V	73	98.3	2.6
5	#10520.00	47.1 PK	68.2	-21.1	1.99 V	335	34.5	12.6
6	15780.00	43.7 PK	74.0	-30.3	1.74 V	61	31.9	11.8
7	15780.00	31.2 AV	54.0	-22.8	1.74 V	61	19.4	11.8

Remarks:

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

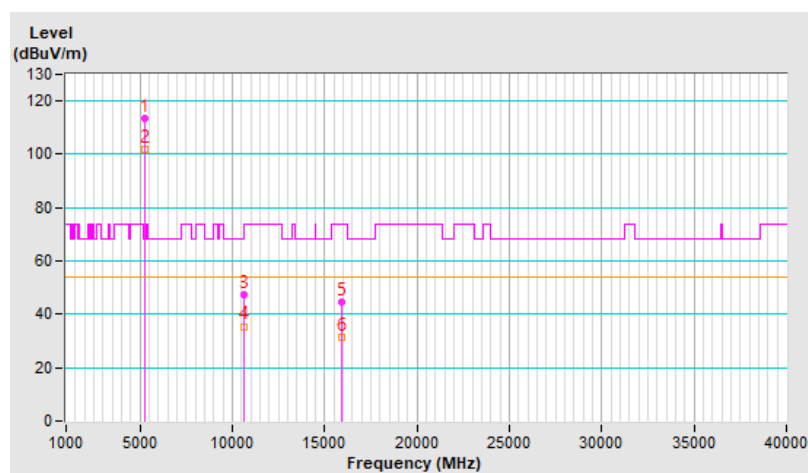


RF Mode	802.11ac (VHT20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.5 PK			1.01 H	143	111.1	2.4
2	*5300.00	102.0 AV			1.01 H	143	99.6	2.4
3	10600.00	47.4 PK	74.0	-26.6	1.97 H	360	34.5	12.9
4	10600.00	35.5 AV	54.0	-18.5	1.97 H	360	22.6	12.9
5	15900.00	44.4 PK	74.0	-29.6	1.74 H	34	32.3	12.1
6	15900.00	31.5 AV	54.0	-22.5	1.74 H	34	19.4	12.1

Remarks:

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

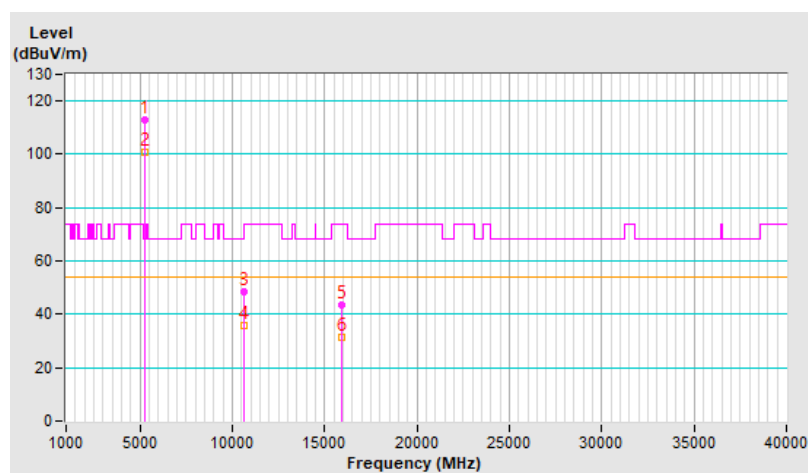


RF Mode	802.11ac (VHT20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.0 PK			3.83 V	63	110.6	2.4
2	*5300.00	100.9 AV			3.83 V	63	98.5	2.4
3	10600.00	48.4 PK	74.0	-25.6	2.03 V	356	35.5	12.9
4	10600.00	35.9 AV	54.0	-18.1	2.03 V	356	23.0	12.9
5	15900.00	43.7 PK	74.0	-30.3	1.68 V	49	31.6	12.1
6	15900.00	31.2 AV	54.0	-22.8	1.68 V	49	19.1	12.1

Remarks:

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

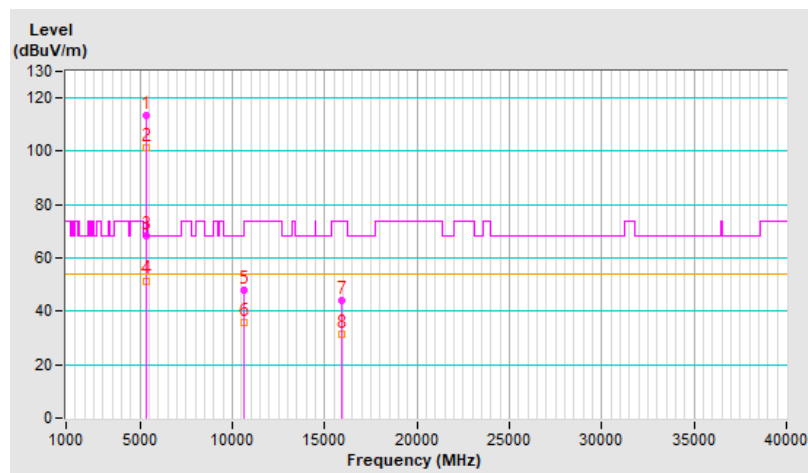


RF Mode	802.11ac (VHT20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.5 PK			1.24 H	161	110.9	2.6
2	*5320.00	101.3 AV			1.24 H	161	98.7	2.6
3	5350.00	68.4 PK	74.0	-5.6	1.24 H	161	65.6	2.8
4	5350.00	51.5 AV	54.0	-2.5	1.24 H	161	48.7	2.8
5	10640.00	48.1 PK	74.0	-25.9	1.93 H	360	35.0	13.1
6	10640.00	35.9 AV	54.0	-18.1	1.93 H	360	22.8	13.1
7	15960.00	44.1 PK	74.0	-29.9	1.84 H	15	31.7	12.4
8	15960.00	31.2 AV	54.0	-22.8	1.84 H	15	18.8	12.4

Remarks:

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

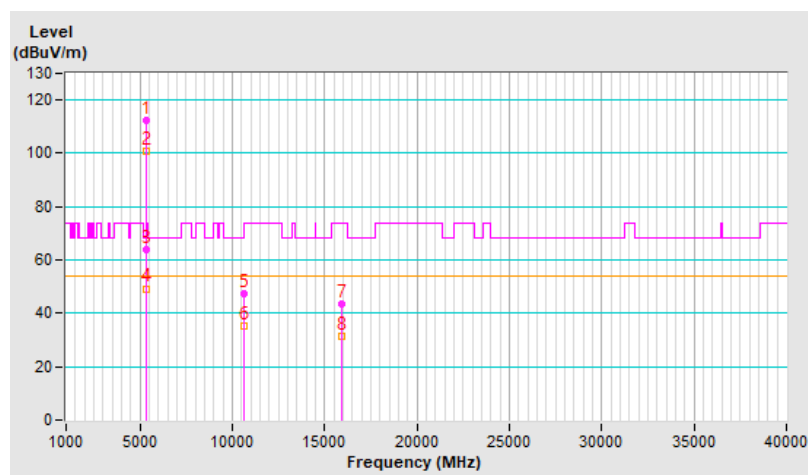


RF Mode	802.11ac (VHT20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	112.3 PK			3.20 V	57	109.7	2.6
2	*5320.00	100.6 AV			3.20 V	57	98.0	2.6
3	5350.00	63.9 PK	74.0	-10.1	3.20 V	57	61.1	2.8
4	5350.00	49.3 AV	54.0	-4.7	3.20 V	57	46.5	2.8
5	10640.00	47.5 PK	74.0	-26.5	2.01 V	349	34.4	13.1
6	10640.00	35.2 AV	54.0	-18.8	2.01 V	349	22.1	13.1
7	15960.00	43.6 PK	74.0	-30.4	1.68 V	43	31.2	12.4
8	15960.00	31.2 AV	54.0	-22.8	1.68 V	43	18.8	12.4

Remarks:

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

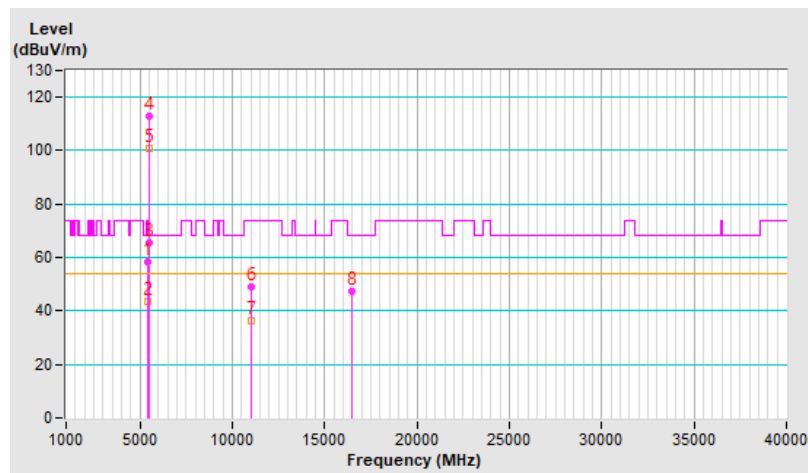


RF Mode	802.11ac (VHT20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	58.5 PK	74.0	-15.5	1.06 H	158	55.6	2.9
2	5460.00	43.6 AV	54.0	-10.4	1.06 H	158	40.7	2.9
3	#5470.00	65.6 PK	68.2	-2.6	1.06 H	158	62.7	2.9
4	*5500.00	112.8 PK			1.06 H	158	109.9	2.9
5	*5500.00	101.0 AV			1.06 H	158	98.1	2.9
6	11000.00	48.8 PK	74.0	-25.2	1.28 H	360	35.0	13.8
7	11000.00	36.2 AV	54.0	-17.8	1.28 H	360	22.4	13.8
8	#16500.00	47.6 PK	68.2	-20.6	1.42 H	359	32.9	14.7

Remarks:

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

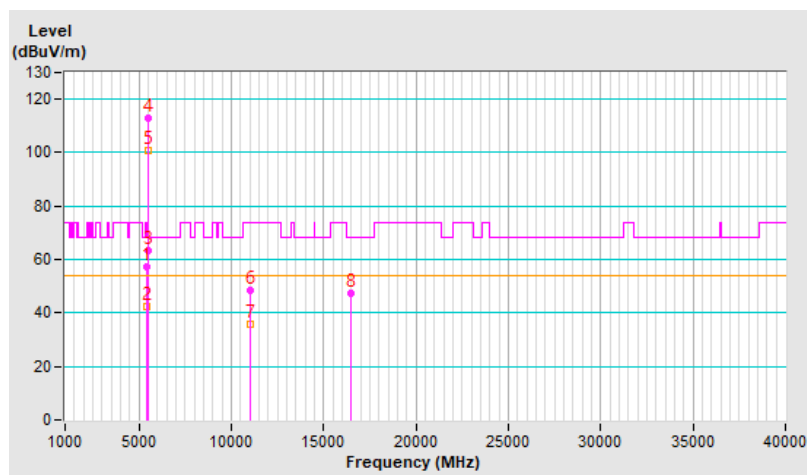


RF Mode	802.11ac (VHT20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	57.1 PK	74.0	-16.9	4.00 V	42	54.2	2.9
2	5460.00	42.2 AV	54.0	-11.8	4.00 V	42	39.3	2.9
3	#5470.00	63.4 PK	68.2	-4.8	4.00 V	42	60.5	2.9
4	*5500.00	112.7 PK			4.00 V	42	109.8	2.9
5	*5500.00	100.8 AV			4.00 V	42	97.9	2.9
6	11000.00	48.7 PK	74.0	-25.3	1.28 V	338	34.9	13.8
7	11000.00	36.0 AV	54.0	-18.0	1.28 V	338	22.2	13.8
8	#16500.00	47.3 PK	68.2	-20.9	1.35 V	360	32.6	14.7

Remarks:

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

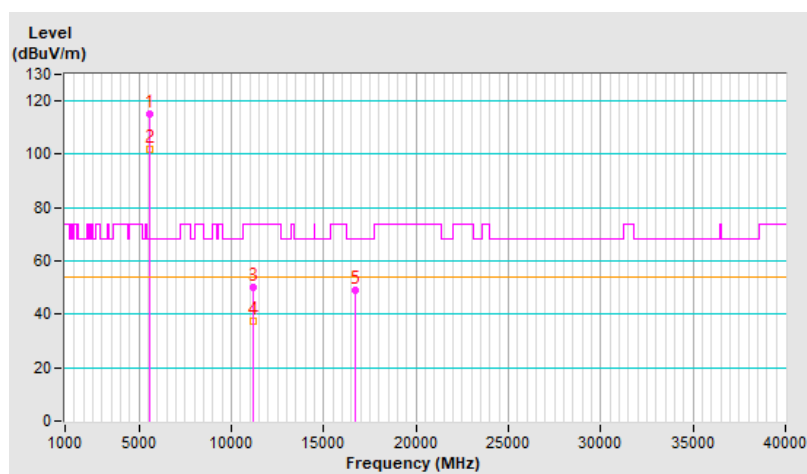


RF Mode	802.11ac (VHT20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	115.0 PK			1.09 H	160	112.3	2.7
2	*5580.00	102.1 AV			1.09 H	160	99.4	2.7
3	11160.00	49.9 PK	74.0	-24.1	1.25 H	360	36.7	13.2
4	11160.00	37.3 AV	54.0	-16.7	1.25 H	360	24.1	13.2
5	#16740.00	48.8 PK	68.2	-19.4	1.48 H	360	32.9	15.9

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.

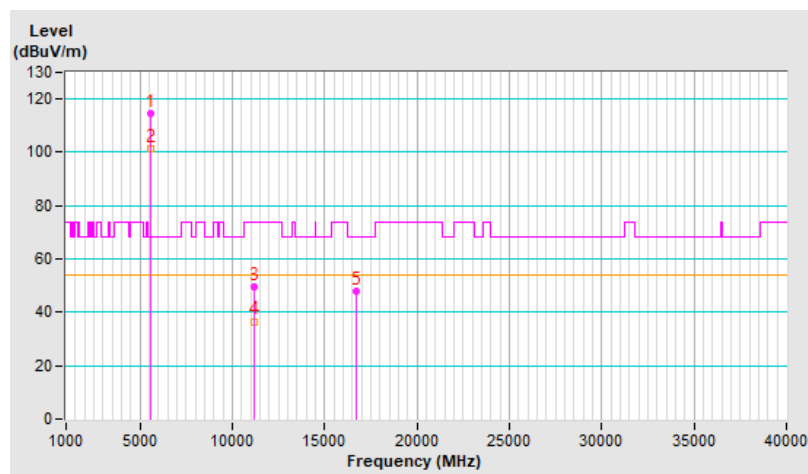


RF Mode	802.11ac (VHT20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	114.4 PK			3.73 V	62	111.7	2.7
2	*5580.00	101.4 AV			3.73 V	62	98.7	2.7
3	11160.00	49.4 PK	74.0	-24.6	1.23 V	328	36.2	13.2
4	11160.00	36.6 AV	54.0	-17.4	1.23 V	328	23.4	13.2
5	#16740.00	47.9 PK	68.2	-20.3	1.37 V	360	32.0	15.9

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.

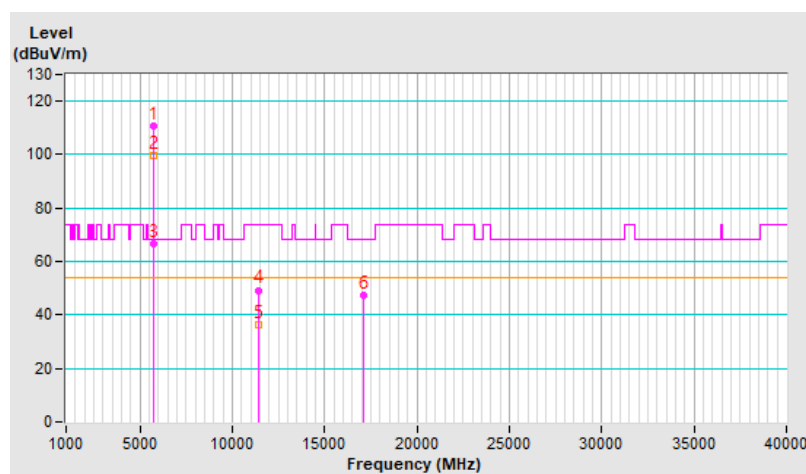


RF Mode	802.11ac (VHT20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	110.7 PK			1.07 H	156	107.8	2.9
2	*5700.00	99.7 AV			1.07 H	156	96.8	2.9
3	#5725.00	66.6 PK	68.2	-1.6	1.07 H	156	63.7	2.9
4	11400.00	49.3 PK	74.0	-24.7	1.18 H	343	36.0	13.3
5	11400.00	36.5 AV	54.0	-17.5	1.18 H	343	23.2	13.3
6	#17100.00	47.4 PK	68.2	-20.8	1.31 H	360	31.0	16.4

Remarks:

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

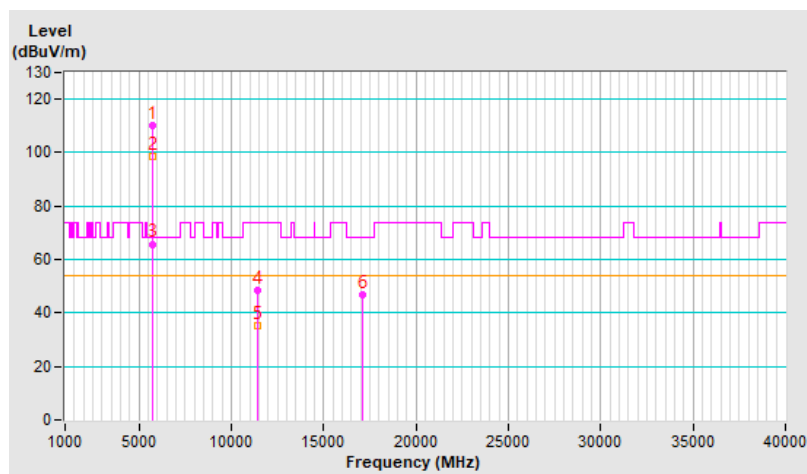


RF Mode	802.11ac (VHT20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	109.9 PK			3.80 V	51	107.0	2.9
2	*5700.00	98.4 AV			3.80 V	51	95.5	2.9
3	#5725.00	65.8 PK	68.2	-2.4	3.80 V	51	62.9	2.9
4	11400.00	48.2 PK	74.0	-25.8	1.22 V	321	34.9	13.3
5	11400.00	35.3 AV	54.0	-18.7	1.22 V	321	22.0	13.3
6	#17100.00	46.9 PK	68.2	-21.3	1.35 V	360	30.5	16.4

Remarks:

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

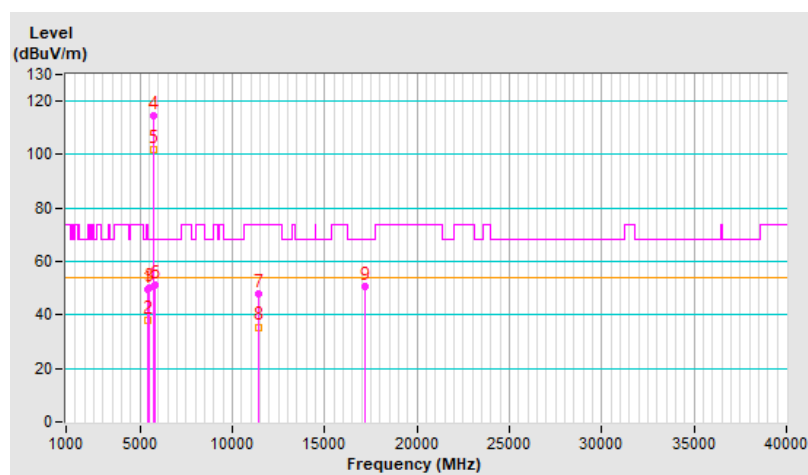


RF Mode	802.11ac (VHT20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.8 PK	74.0	-24.2	1.12 H	161	46.9	2.9
2	5460.00	38.2 AV	54.0	-15.8	1.12 H	161	35.3	2.9
3	#5470.00	50.1 PK	68.2	-18.1	1.12 H	161	47.2	2.9
4	*5720.00	114.5 PK			1.12 H	161	111.6	2.9
5	*5720.00	101.9 AV			1.12 H	161	99.0	2.9
6	#5850.00	51.3 PK	68.2	-16.9	1.12 H	161	48.0	3.3
7	11440.00	47.8 PK	74.0	-26.2	1.79 H	295	34.6	13.2
8	11440.00	35.5 AV	54.0	-18.5	1.79 H	295	22.3	13.2
9	#17160.00	50.5 PK	68.2	-17.7	2.02 H	260	33.7	16.8

Remarks:

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

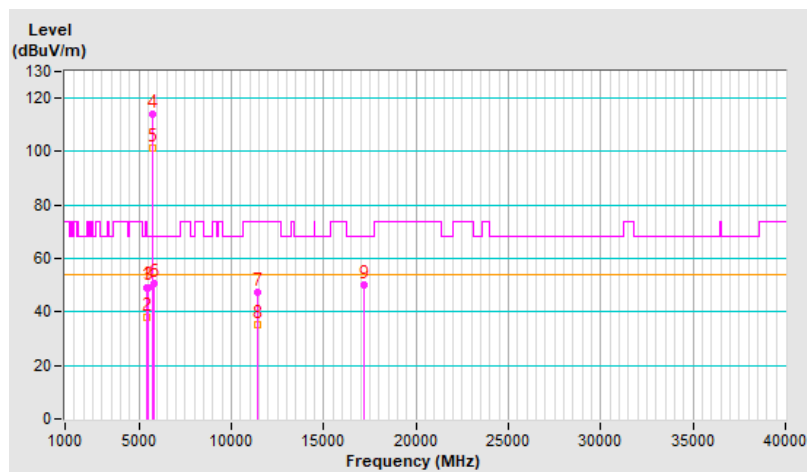


RF Mode	802.11ac (VHT20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.3 PK	74.0	-24.7	3.50 V	63	46.4	2.9
2	5460.00	37.8 AV	54.0	-16.2	3.50 V	63	34.9	2.9
3	#5470.00	49.3 PK	68.2	-18.9	3.50 V	63	46.4	2.9
4	*5720.00	114.2 PK			3.50 V	63	111.3	2.9
5	*5720.00	101.3 AV			3.50 V	63	98.4	2.9
6	#5850.00	50.7 PK	68.2	-17.5	3.50 V	63	47.4	3.3
7	11440.00	47.5 PK	74.0	-26.5	1.77 V	286	34.3	13.2
8	11440.00	35.2 AV	54.0	-18.8	1.77 V	286	22.0	13.2
9	#17160.00	50.0 PK	68.2	-18.2	2.05 V	285	33.2	16.8

Remarks:

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

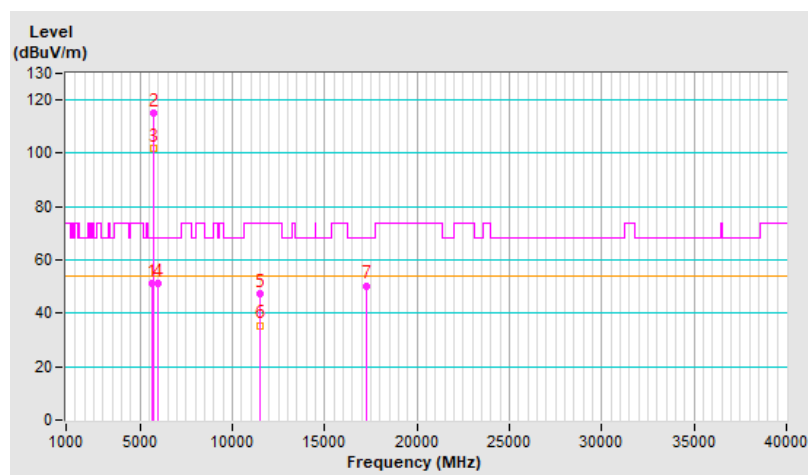


RF Mode	802.11ac (VHT20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5646.50	51.3 PK	68.2	-16.9	1.09 H	176	48.6	2.7
2	*5745.00	115.0 PK			1.09 H	176	112.0	3.0
3	*5745.00	102.1 AV			1.09 H	176	99.1	3.0
4	#5943.90	51.1 PK	68.2	-17.1	1.09 H	176	47.9	3.2
5	11490.00	47.1 PK	74.0	-26.9	2.06 H	360	34.1	13.0
6	11490.00	35.5 AV	54.0	-18.5	2.06 H	360	22.5	13.0
7	#17235.00	50.4 PK	68.2	-17.8	1.66 H	335	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.

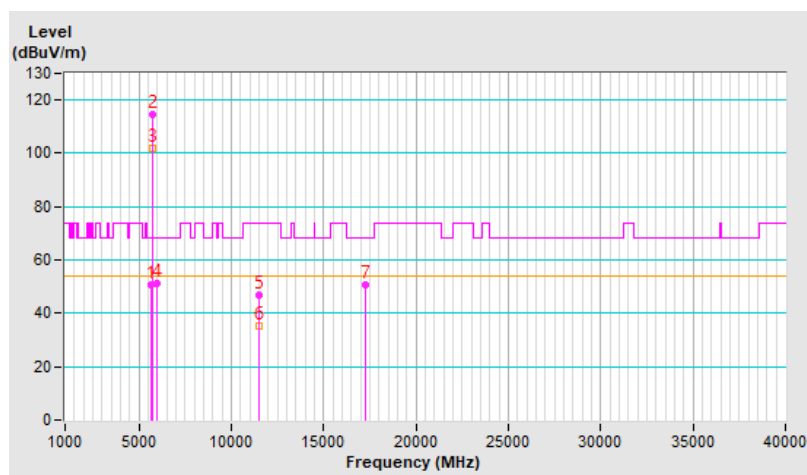


RF Mode	802.11ac (VHT20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5634.30	50.5 PK	68.2	-17.7	3.73 V	55	47.8	2.7
2	*5745.00	114.6 PK			3.73 V	55	111.6	3.0
3	*5745.00	101.8 AV			3.73 V	55	98.8	3.0
4	#5986.20	51.3 PK	68.2	-16.9	3.73 V	55	48.1	3.2
5	11490.00	47.0 PK	74.0	-27.0	2.04 V	358	34.0	13.0
6	11490.00	35.2 AV	54.0	-18.8	2.04 V	358	22.2	13.0
7	#17235.00	50.8 PK	68.2	-17.4	1.61 V	335	33.5	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.

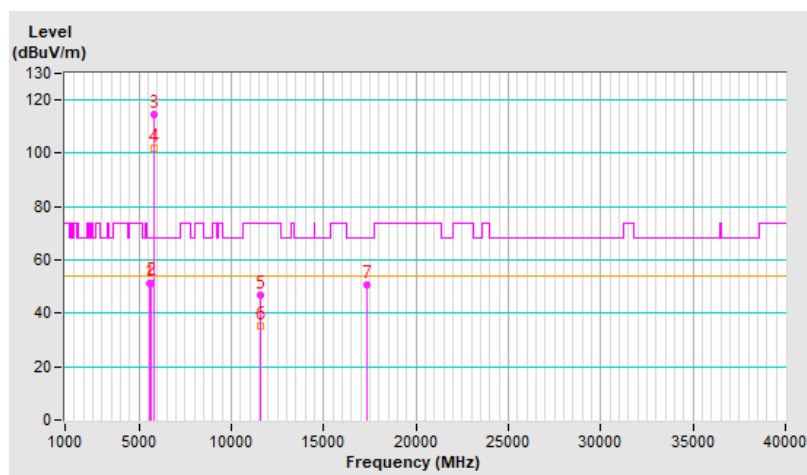


RF Mode	802.11ac (VHT20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5611.90	51.1 PK	68.2	-17.1	1.14 H	148	48.4	2.7
2	#5639.60	51.5 PK	68.2	-16.7	1.14 H	148	48.8	2.7
3	*5785.00	114.8 PK			1.14 H	148	111.6	3.2
4	*5785.00	101.9 AV			1.14 H	148	98.7	3.2
5	11570.00	46.9 PK	74.0	-27.1	2.16 H	360	33.7	13.2
6	11570.00	35.4 AV	54.0	-18.6	2.16 H	360	22.2	13.2
7	#17355.00	50.6 PK	68.2	-17.6	1.76 H	332	32.1	18.5

Remarks:

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

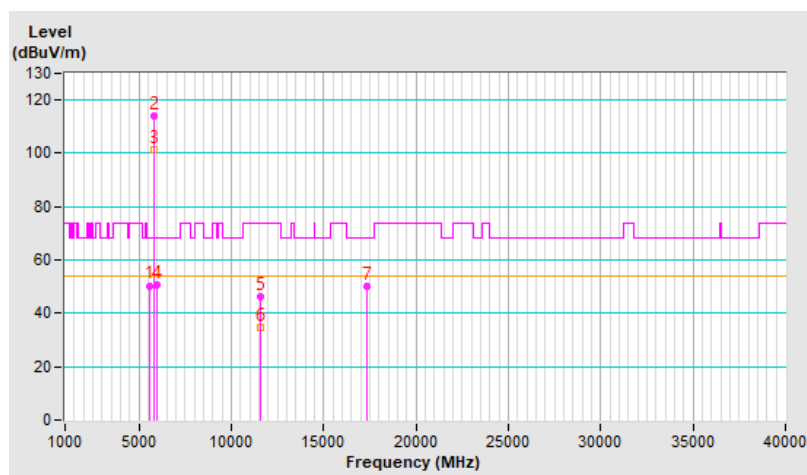


RF Mode	802.11ac (VHT20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5611.50	50.4 PK	68.2	-17.8	3.60 V	55	47.7	2.7
2	*5785.00	113.9 PK			3.60 V	55	110.7	3.2
3	*5785.00	101.5 AV			3.60 V	55	98.3	3.2
4	#5947.60	50.8 PK	68.2	-17.4	3.60 V	55	47.6	3.2
5	11570.00	46.4 PK	74.0	-27.6	2.11 V	344	33.2	13.2
6	11570.00	34.7 AV	54.0	-19.3	2.11 V	344	21.5	13.2
7	#17355.00	50.2 PK	68.2	-18.0	1.66 V	344	31.7	18.5

Remarks:

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

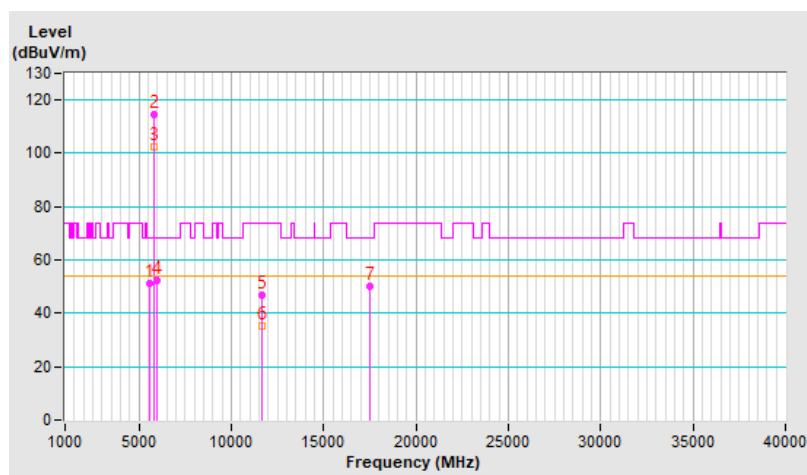


RF Mode	802.11ac (VHT20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5594.10	51.2 PK	68.2	-17.0	1.15 H	160	48.5	2.7
2	*5825.00	114.6 PK			1.15 H	160	111.3	3.3
3	*5825.00	102.2 AV			1.15 H	160	98.9	3.3
4	#5980.60	52.2 PK	68.2	-16.0	1.15 H	160	48.9	3.3
5	11650.00	46.8 PK	74.0	-27.2	2.12 H	360	33.7	13.1
6	11650.00	35.2 AV	54.0	-18.8	2.12 H	360	22.1	13.1
7	#17475.00	50.0 PK	68.2	-18.2	1.72 H	317	29.9	20.1

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.

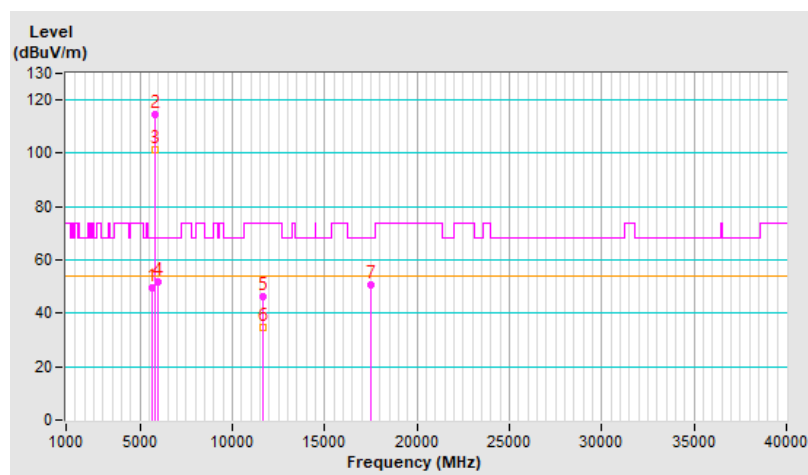


RF Mode	802.11ac (VHT20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5622.70	49.7 PK	68.2	-18.5	3.86 V	72	47.0	2.7
2	*5825.00	114.4 PK			3.86 V	72	111.1	3.3
3	*5825.00	101.3 AV			3.86 V	72	98.0	3.3
4	#5955.40	51.6 PK	68.2	-16.6	3.86 V	72	48.4	3.2
5	11650.00	46.0 PK	74.0	-28.0	2.07 V	344	32.9	13.1
6	11650.00	34.7 AV	54.0	-19.3	2.07 V	344	21.6	13.1
7	#17475.00	50.6 PK	68.2	-17.6	1.56 V	336	30.5	20.1

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.

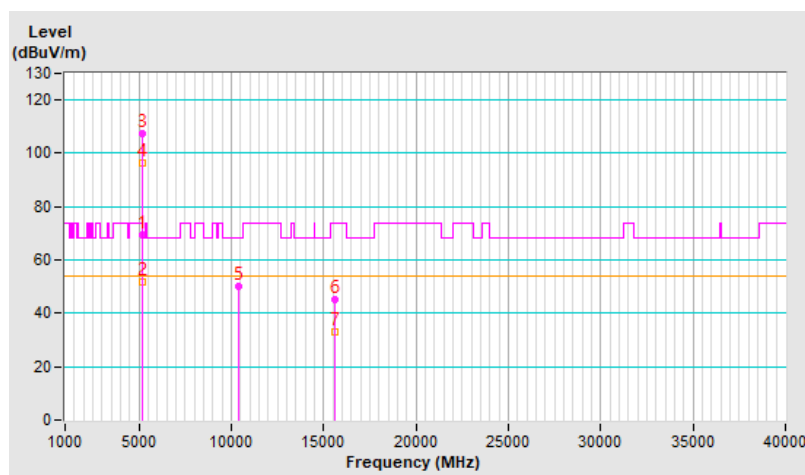


RF Mode	802.11ac (VHT40)	Channel	CH 38 : 5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	69.3 PK	74.0	-4.7	1.37 H	152	65.9	3.4
2	5150.00	51.6 AV	54.0	-2.4	1.37 H	152	48.2	3.4
3	*5190.00	107.3 PK			1.37 H	152	104.3	3.0
4	*5190.00	96.4 AV			1.37 H	152	93.4	3.0
5	#10380.00	49.9 PK	68.2	-18.3	1.22 H	76	36.9	13.0
6	15570.00	45.4 PK	74.0	-28.6	1.38 H	114	34.4	11.0
7	15570.00	32.9 AV	54.0	-21.1	1.38 H	114	21.9	11.0

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.

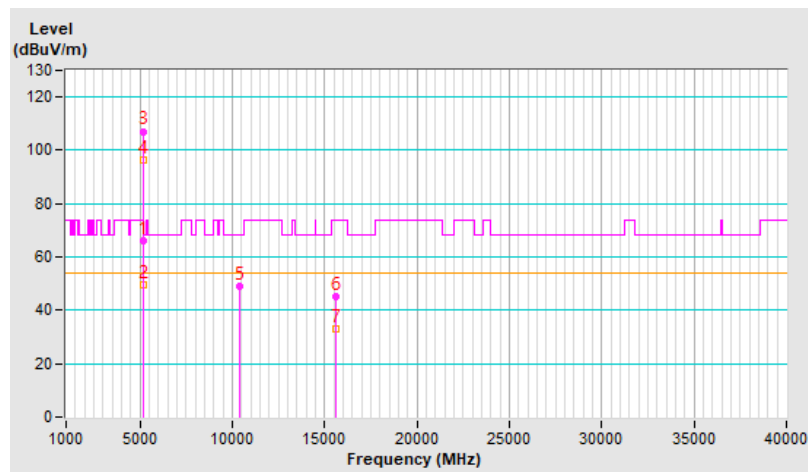


RF Mode	802.11ac (VHT40)	Channel	CH 38 : 5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	66.3 PK	74.0	-7.7	3.41 V	76	62.9	3.4
2	5150.00	49.6 AV	54.0	-4.4	3.41 V	76	46.2	3.4
3	*5190.00	107.1 PK			3.41 V	76	104.1	3.0
4	*5190.00	96.2 AV			3.41 V	76	93.2	3.0
5	#10380.00	48.8 PK	68.2	-19.4	1.18 V	71	35.8	13.0
6	15570.00	44.9 PK	74.0	-29.1	1.65 V	360	33.9	11.0
7	15570.00	32.8 AV	54.0	-21.2	1.65 V	360	21.8	11.0

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.

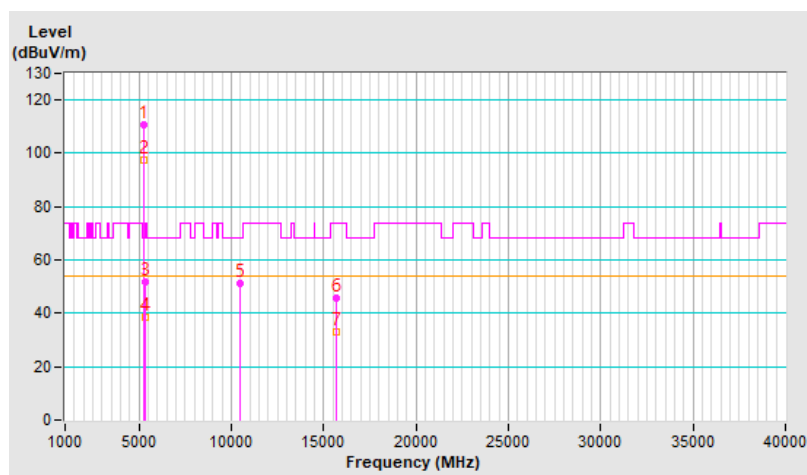


RF Mode	802.11ac (VHT40)	Channel	CH 46 : 5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5230.00	110.8 PK			1.38 H	154	108.0	2.8
2	*5230.00	97.4 AV			1.38 H	154	94.6	2.8
3	5350.00	51.7 PK	74.0	-22.3	1.38 H	154	48.9	2.8
4	5350.00	38.4 AV	54.0	-15.6	1.38 H	154	35.6	2.8
5	#10460.00	51.3 PK	68.2	-16.9	1.11 H	64	38.5	12.8
6	15690.00	45.9 PK	74.0	-28.1	1.17 H	116	34.7	11.2
7	15690.00	32.9 AV	54.0	-21.1	1.17 H	116	21.7	11.2

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.

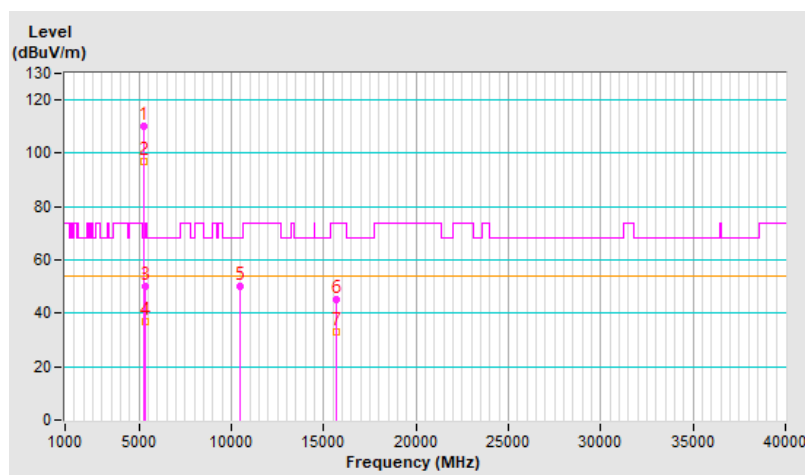


RF Mode	802.11ac (VHT40)	Channel	CH 46 : 5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5230.00	110.4 PK			3.29 V	73	107.6	2.8
2	*5230.00	96.9 AV			3.29 V	73	94.1	2.8
3	5350.00	49.9 PK	74.0	-24.1	3.29 V	73	47.1	2.8
4	5350.00	36.9 AV	54.0	-17.1	3.29 V	73	34.1	2.8
5	#10460.00	49.9 PK	68.2	-18.3	1.09 V	68	37.1	12.8
6	15690.00	45.2 PK	74.0	-28.8	1.61 V	358	34.0	11.2
7	15690.00	32.8 AV	54.0	-21.2	1.61 V	358	21.6	11.2

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.

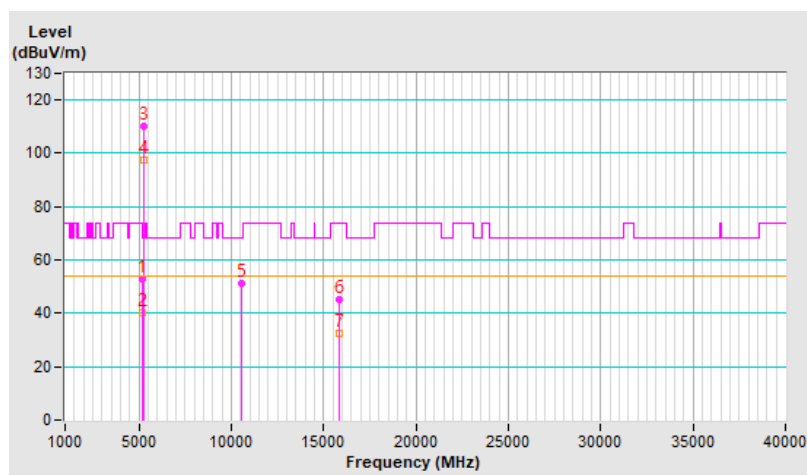


RF Mode	802.11ac (VHT40)	Channel	CH 54 : 5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	52.8 PK	74.0	-21.2	1.19 H	157	49.4	3.4
2	5150.00	40.1 AV	54.0	-13.9	1.19 H	157	36.7	3.4
3	*5270.00	110.3 PK			1.19 H	157	107.7	2.6
4	*5270.00	97.3 AV			1.19 H	157	94.7	2.6
5	#10540.00	51.3 PK	68.2	-16.9	1.10 H	39	38.5	12.8
6	15810.00	45.1 PK	74.0	-28.9	1.29 H	136	33.2	11.9
7	15810.00	32.5 AV	54.0	-21.5	1.29 H	136	20.6	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.

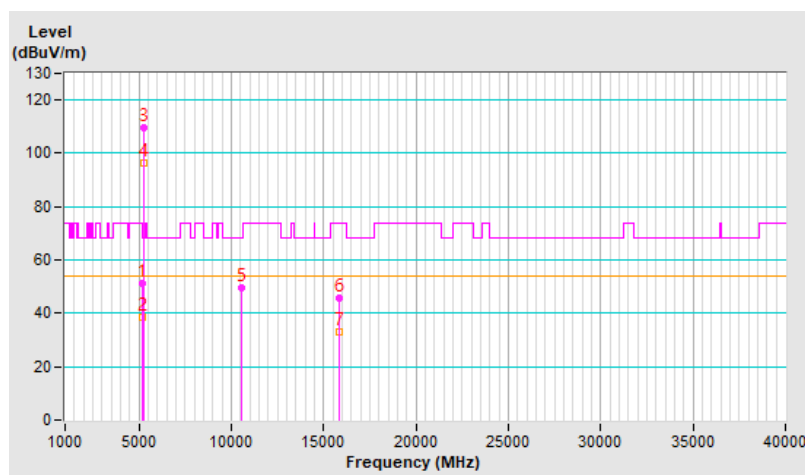


RF Mode	802.11ac (VHT40)	Channel	CH 54 : 5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	51.4 PK	74.0	-22.6	3.39 V	59	48.0	3.4
2	5150.00	38.4 AV	54.0	-15.6	3.39 V	59	35.0	3.4
3	*5270.00	109.5 PK			3.39 V	59	106.9	2.6
4	*5270.00	96.6 AV			3.39 V	59	94.0	2.6
5	#10540.00	49.7 PK	68.2	-18.5	1.12 V	67	36.9	12.8
6	15810.00	45.5 PK	74.0	-28.5	1.61 V	360	33.6	11.9
7	15810.00	33.1 AV	54.0	-20.9	1.61 V	360	21.2	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.

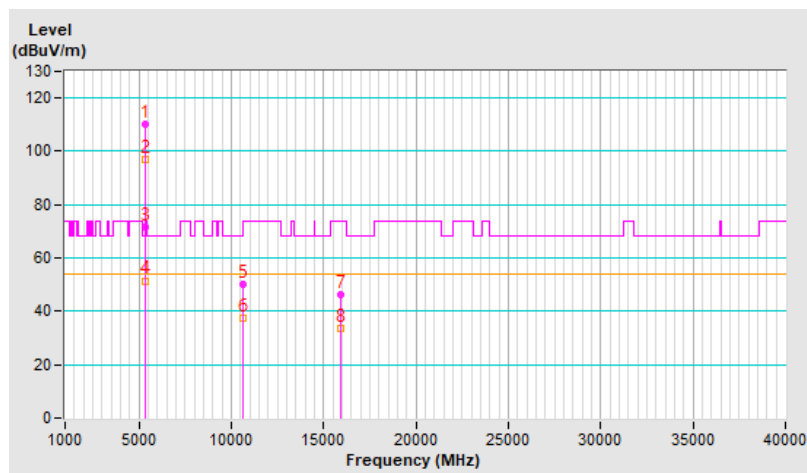


RF Mode	802.11ac (VHT40)	Channel	CH 62 : 5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5310.00	110.0 PK			1.24 H	160	107.4	2.6
2	*5310.00	96.9 AV			1.24 H	160	94.3	2.6
3	5350.00	71.8 PK	74.0	-2.2	1.24 H	160	69.0	2.8
4	5350.00	51.5 AV	54.0	-2.5	1.24 H	160	48.7	2.8
5	10620.00	50.1 PK	74.0	-23.9	1.17 H	80	37.0	13.1
6	10620.00	37.2 AV	54.0	-16.8	1.17 H	80	24.1	13.1
7	15930.00	46.2 PK	74.0	-27.8	1.33 H	112	33.9	12.3
8	15930.00	33.4 AV	54.0	-20.6	1.33 H	112	21.1	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.

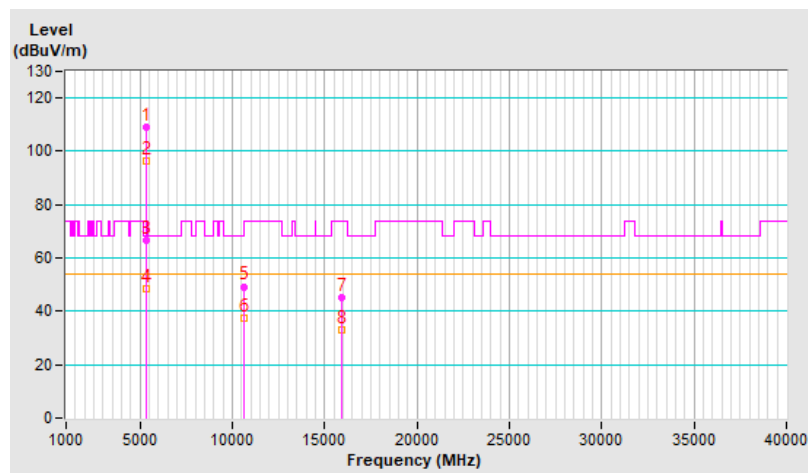


RF Mode	802.11ac (VHT40)	Channel	CH 62 : 5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5310.00	109.1 PK			3.90 V	76	106.5	2.6
2	*5310.00	96.2 AV			3.90 V	76	93.6	2.6
3	5350.00	66.5 PK	74.0	-7.5	3.90 V	76	63.7	2.8
4	5350.00	48.4 AV	54.0	-5.6	3.90 V	76	45.6	2.8
5	10620.00	49.3 PK	74.0	-24.7	1.15 V	65	36.2	13.1
6	10620.00	37.2 AV	54.0	-16.8	1.15 V	65	24.1	13.1
7	15930.00	45.0 PK	74.0	-29.0	1.69 V	360	32.7	12.3
8	15930.00	32.9 AV	54.0	-21.1	1.69 V	360	20.6	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.

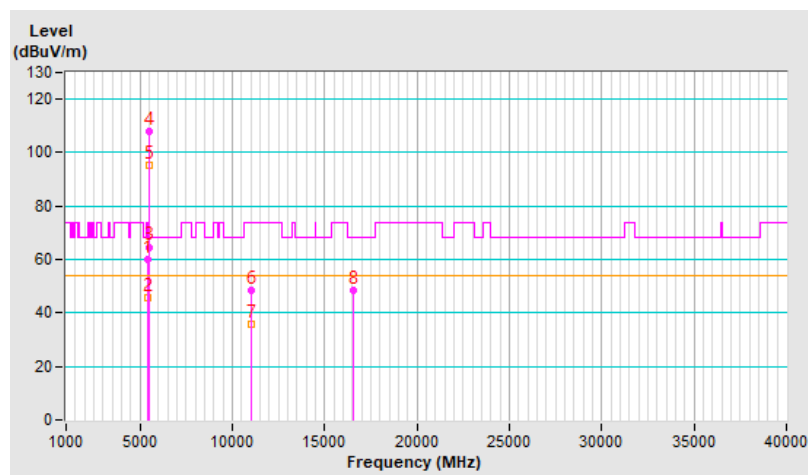


RF Mode	802.11ac (VHT40)	Channel	CH 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	60.2 PK	74.0	-13.8	1.52 H	150	57.3	2.9
2	5460.00	45.7 AV	54.0	-8.3	1.52 H	150	42.8	2.9
3	#5470.00	64.7 PK	68.2	-3.5	1.52 H	150	61.8	2.9
4	*5510.00	108.0 PK			1.52 H	150	105.1	2.9
5	*5510.00	95.4 AV			1.52 H	150	92.5	2.9
6	11020.00	48.6 PK	74.0	-25.4	1.24 H	207	34.8	13.8
7	11020.00	35.6 AV	54.0	-18.4	1.24 H	207	21.8	13.8
8	#16530.00	48.3 PK	68.2	-19.9	1.60 H	360	33.6	14.7

Remarks:

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

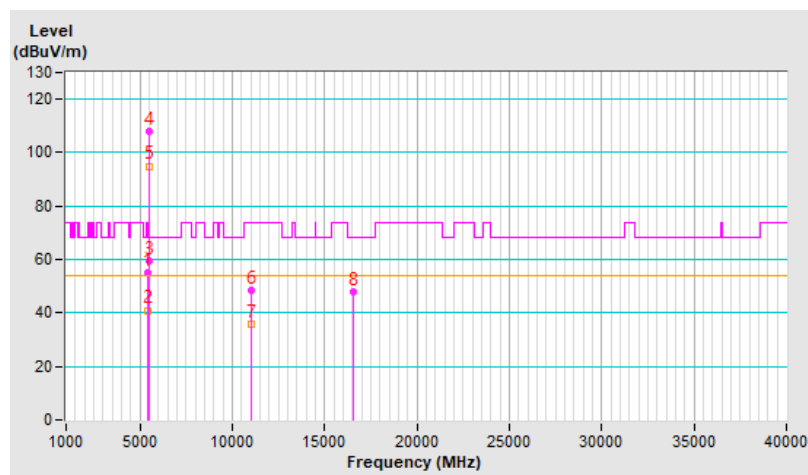


RF Mode	802.11ac (VHT40)	Channel	CH 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	3.99 V	59	52.2	2.9
2	5460.00	41.0 AV	54.0	-13.0	3.99 V	59	38.1	2.9
3	#5470.00	59.3 PK	68.2	-8.9	3.99 V	59	56.4	2.9
4	*5510.00	107.7 PK			3.99 V	59	104.8	2.9
5	*5510.00	95.0 AV			3.99 V	59	92.1	2.9
6	11020.00	48.7 PK	74.0	-25.3	1.31 V	84	34.9	13.8
7	11020.00	35.6 AV	54.0	-18.4	1.31 V	84	21.8	13.8
8	#16530.00	48.0 PK	68.2	-20.2	1.61 V	360	33.3	14.7

Remarks:

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

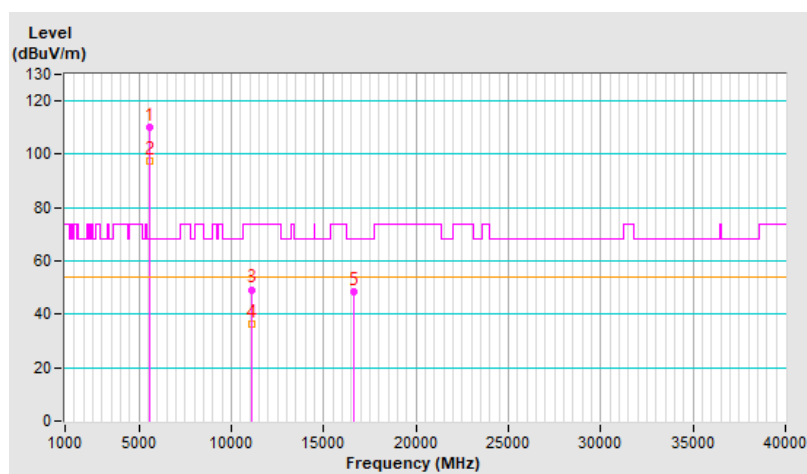


RF Mode	802.11ac (VHT40)	Channel	CH 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5550.00	110.4 PK			1.31 H	151	107.5	2.9
2	*5550.00	97.5 AV			1.31 H	151	94.6	2.9
3	11100.00	49.3 PK	74.0	-24.7	1.22 H	207	35.6	13.7
4	11100.00	36.1 AV	54.0	-17.9	1.22 H	207	22.4	13.7
5	#16650.00	48.2 PK	68.2	-20.0	1.61 H	360	32.8	15.4

Remarks:

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

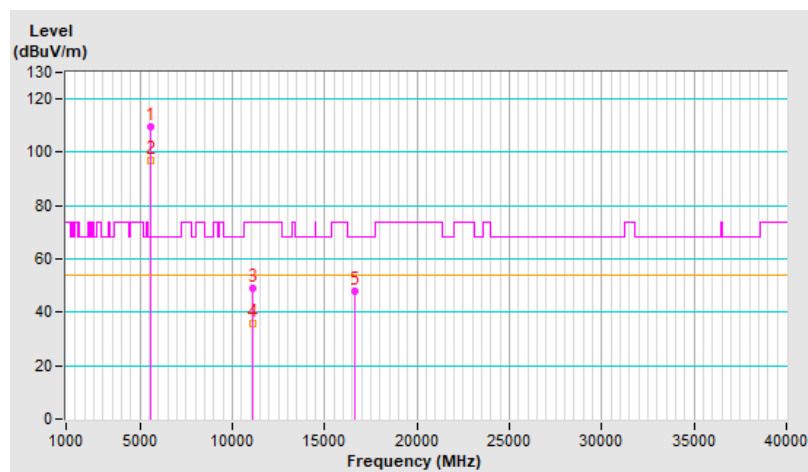


RF Mode	802.11ac (VHT40)	Channel	CH 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5550.00	109.6 PK			3.92 V	70	106.7	2.9
2	*5550.00	96.8 AV			3.92 V	70	93.9	2.9
3	11100.00	49.2 PK	74.0	-24.8	1.30 V	97	35.5	13.7
4	11100.00	36.0 AV	54.0	-18.0	1.30 V	97	22.3	13.7
5	#16650.00	48.0 PK	68.2	-20.2	1.58 V	360	32.6	15.4

Remarks:

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

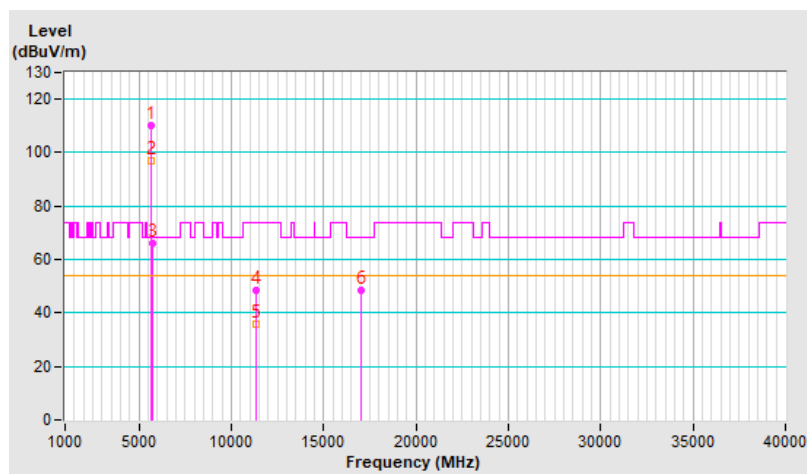


RF Mode	802.11ac (VHT40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5670.00	110.1 PK			1.35 H	154	107.3	2.8
2	*5670.00	97.0 AV			1.35 H	154	94.2	2.8
3	#5725.00	66.3 PK	68.2	-1.9	1.35 H	154	63.4	2.9
4	11340.00	48.7 PK	74.0	-25.3	1.26 H	202	35.4	13.3
5	11340.00	35.7 AV	54.0	-18.3	1.26 H	202	22.4	13.3
6	#17010.00	48.3 PK	68.2	-19.9	1.65 H	348	31.4	16.9

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.

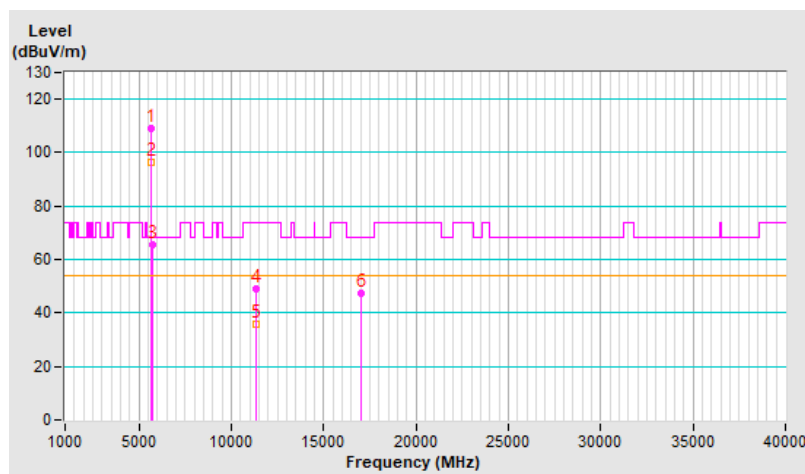


RF Mode	802.11ac (VHT40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5670.00	109.3 PK			3.83 V	83	106.5	2.8
2	*5670.00	96.3 AV			3.83 V	83	93.5	2.8
3	#5725.00	65.5 PK	68.2	-2.7	3.83 V	83	62.6	2.9
4	11340.00	49.0 PK	74.0	-25.0	1.31 V	88	35.7	13.3
5	11340.00	35.7 AV	54.0	-18.3	1.31 V	88	22.4	13.3
6	#17010.00	47.6 PK	68.2	-20.6	1.61 V	360	30.7	16.9

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.

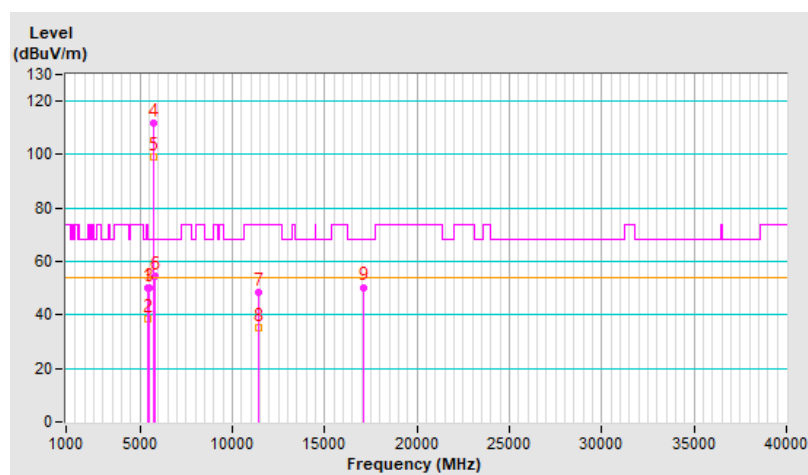


RF Mode	802.11ac (VHT40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	50.1 PK	74.0	-23.9	1.10 H	158	47.2	2.9
2	5460.00	38.3 AV	54.0	-15.7	1.10 H	158	35.4	2.9
3	#5470.00	50.0 PK	68.2	-18.2	1.10 H	158	47.1	2.9
4	*5710.00	111.9 PK			1.10 H	158	109.0	2.9
5	*5710.00	99.1 AV			1.10 H	158	96.2	2.9
6	#5850.00	54.5 PK	68.2	-13.7	1.10 H	158	51.2	3.3
7	11420.00	48.5 PK	74.0	-25.5	1.40 H	74	35.2	13.3
8	11420.00	35.4 AV	54.0	-18.6	1.40 H	74	22.1	13.3
9	#17130.00	50.4 PK	68.2	-17.8	1.52 H	219	33.8	16.6

Remarks:

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

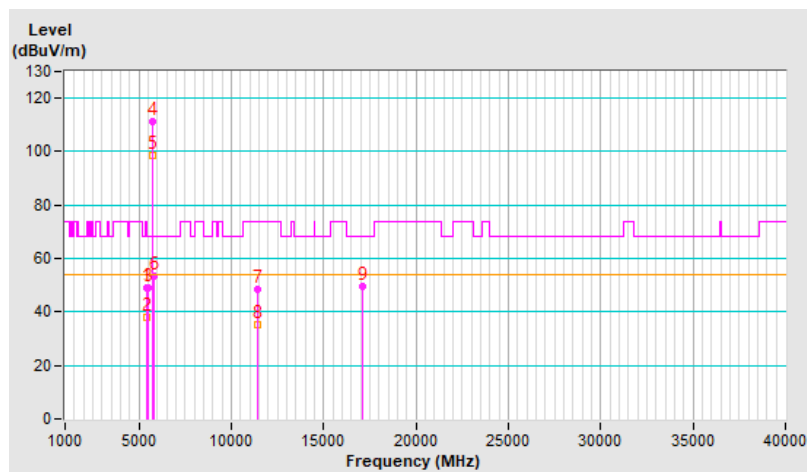


RF Mode	802.11ac (VHT40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.2 PK	74.0	-24.8	3.81 V	82	46.3	2.9
2	5460.00	37.8 AV	54.0	-16.2	3.81 V	82	34.9	2.9
3	#5470.00	49.1 PK	68.2	-19.1	3.81 V	82	46.2	2.9
4	*5710.00	111.5 PK			3.81 V	82	108.6	2.9
5	*5710.00	98.4 AV			3.81 V	82	95.5	2.9
6	#5850.00	53.2 PK	68.2	-15.0	3.81 V	82	49.9	3.3
7	11420.00	48.7 PK	74.0	-25.3	1.49 V	110	35.4	13.3
8	11420.00	35.0 AV	54.0	-19.0	1.49 V	110	21.7	13.3
9	#17130.00	49.8 PK	68.2	-18.4	1.78 V	360	33.2	16.6

Remarks:

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

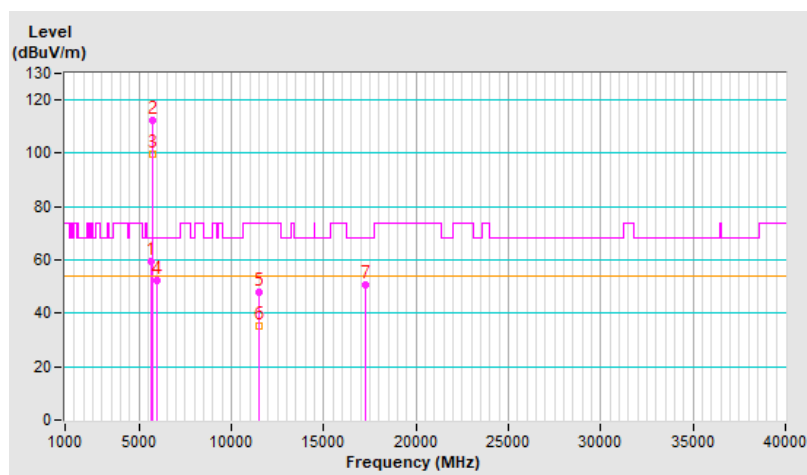


RF Mode	802.11ac (VHT40)	Channel	CH 151 : 5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5645.40	59.6 PK	68.2	-8.6	3.67 H	151	56.9	2.7
2	*5755.00	112.4 PK			3.67 H	151	109.3	3.1
3	*5755.00	99.5 AV			3.67 H	151	96.4	3.1
4	#5989.80	52.1 PK	68.2	-16.1	3.67 H	151	48.9	3.2
5	11510.00	47.7 PK	74.0	-26.3	1.71 H	48	34.7	13.0
6	11510.00	35.4 AV	54.0	-18.6	1.71 H	48	22.4	13.0
7	#17265.00	50.7 PK	68.2	-17.5	2.01 H	360	33.2	17.5

Remarks:

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

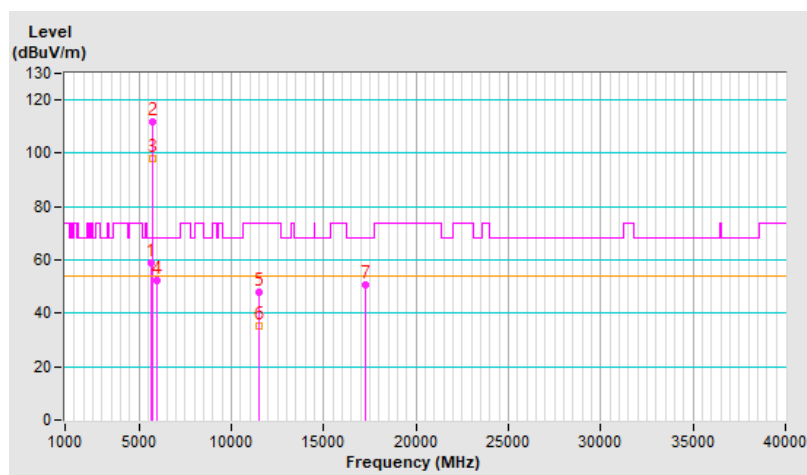


RF Mode	802.11ac (VHT40)	Channel	CH 151 : 5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5642.70	58.7 PK	68.2	-9.5	2.79 V	157	56.0	2.7
2	*5755.00	111.7 PK			2.79 V	157	108.6	3.1
3	*5755.00	98.1 AV			2.79 V	157	95.0	3.1
4	#5979.40	52.3 PK	68.2	-15.9	2.79 V	157	49.0	3.3
5	11510.00	47.7 PK	74.0	-26.3	1.64 V	123	34.7	13.0
6	11510.00	35.1 AV	54.0	-18.9	1.64 V	123	22.1	13.0
7	#17265.00	50.5 PK	68.2	-17.7	1.85 V	360	33.0	17.5

Remarks:

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

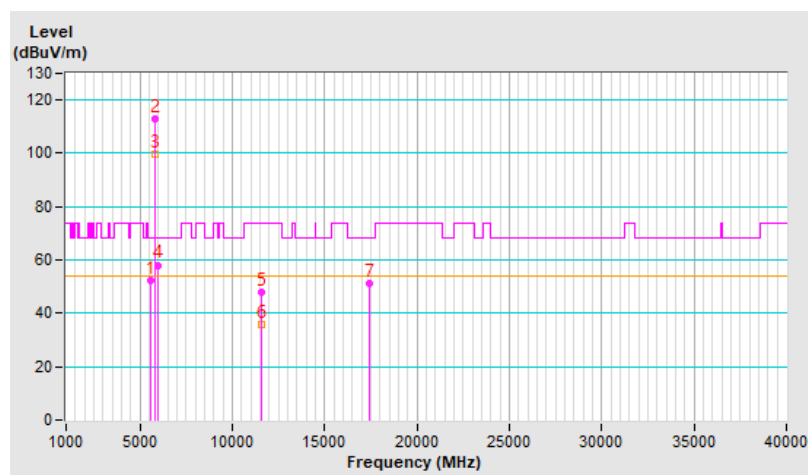


RF Mode	802.11ac (VHT40)	Channel	CH 159 : 5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5588.60	52.5 PK	68.2	-15.7	1.03 H	164	49.8	2.7
2	*5795.00	112.8 PK			1.03 H	164	109.6	3.2
3	*5795.00	99.7 AV			1.03 H	164	96.5	3.2
4	#5948.50	58.1 PK	68.2	-10.1	1.03 H	164	54.9	3.2
5	11590.00	47.8 PK	74.0	-26.2	1.74 H	51	34.6	13.2
6	11590.00	35.7 AV	54.0	-18.3	1.74 H	51	22.5	13.2
7	#17385.00	51.2 PK	68.2	-17.0	2.02 H	358	32.3	18.9

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.

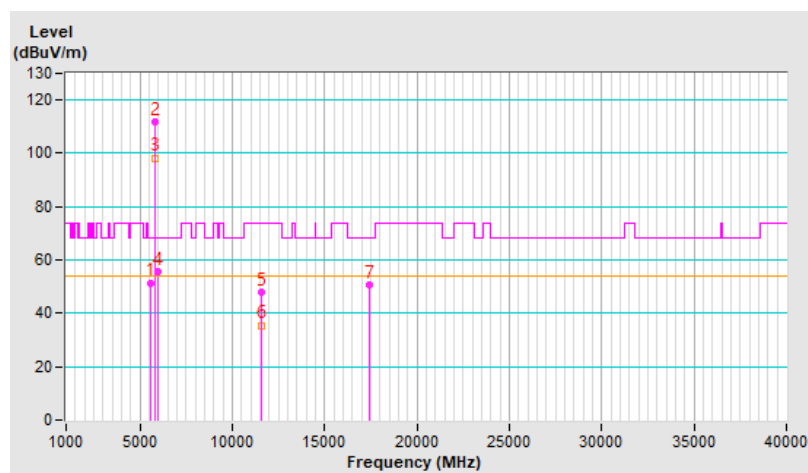


RF Mode	802.11ac (VHT40)	Channel	CH 159 : 5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5587.30	51.5 PK	68.2	-16.7	3.82 V	61	48.8	2.7
2	*5795.00	111.8 PK			3.82 V	61	108.6	3.2
3	*5795.00	98.3 AV			3.82 V	61	95.1	3.2
4	#5976.20	55.8 PK	68.2	-12.4	3.82 V	61	52.5	3.3
5	11590.00	47.9 PK	74.0	-26.1	1.59 V	110	34.7	13.2
6	11590.00	35.5 AV	54.0	-18.5	1.59 V	110	22.3	13.2
7	#17385.00	50.6 PK	68.2	-17.6	1.80 V	360	31.7	18.9

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.

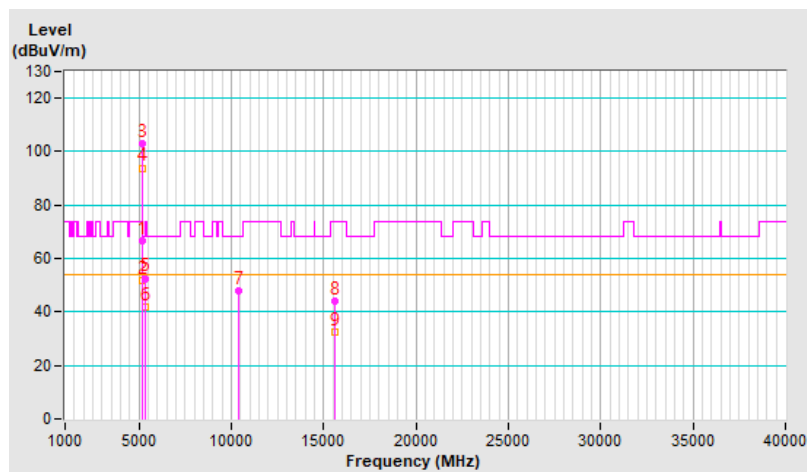


RF Mode	802.11ac (VHT80)	Channel	CH 42 : 5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	66.6 PK	74.0	-7.4	1.19 H	173	63.2	3.4
2	5150.00	52.0 AV	54.0	-2.0	1.19 H	173	48.6	3.4
3	*5210.00	103.2 PK			1.19 H	173	100.2	3.0
4	*5210.00	93.9 AV			1.19 H	173	90.9	3.0
5	5350.00	52.6 PK	74.0	-21.4	1.19 H	173	49.8	2.8
6	5350.00	41.9 AV	54.0	-12.1	1.19 H	173	39.1	2.8
7	#10420.00	47.8 PK	68.2	-20.4	1.19 H	222	34.8	13.0
8	15630.00	44.2 PK	74.0	-29.8	1.49 H	237	33.3	10.9
9	15630.00	32.5 AV	54.0	-21.5	1.49 H	237	21.6	10.9

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.

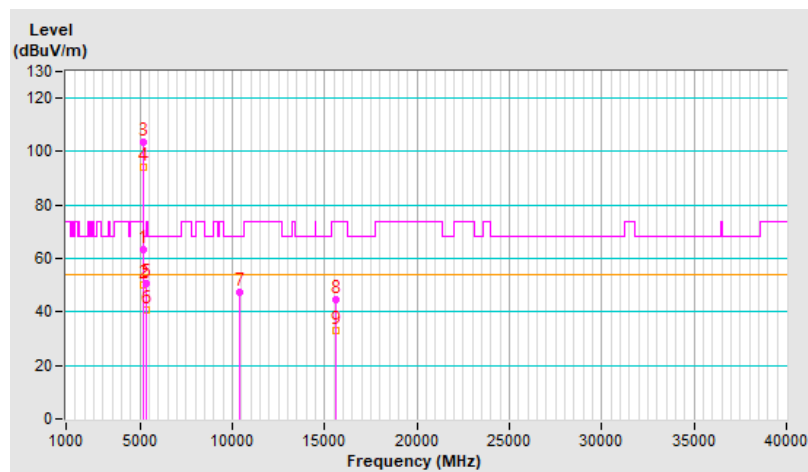


RF Mode	802.11ac (VHT80)	Channel	CH 42 : 5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	63.2 PK	74.0	-10.8	3.21 V	62	59.8	3.4
2	5150.00	50.3 AV	54.0	-3.7	3.21 V	62	46.9	3.4
3	*5210.00	103.4 PK			3.21 V	62	100.4	3.0
4	*5210.00	94.1 AV			3.21 V	62	91.1	3.0
5	5350.00	50.9 PK	74.0	-23.1	3.21 V	62	48.1	2.8
6	5350.00	40.7 AV	54.0	-13.3	3.21 V	62	37.9	2.8
7	#10420.00	47.2 PK	68.2	-21.0	1.15 V	235	34.2	13.0
8	15630.00	44.4 PK	74.0	-29.6	1.44 V	233	33.5	10.9
9	15630.00	32.9 AV	54.0	-21.1	1.44 V	233	22.0	10.9

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.

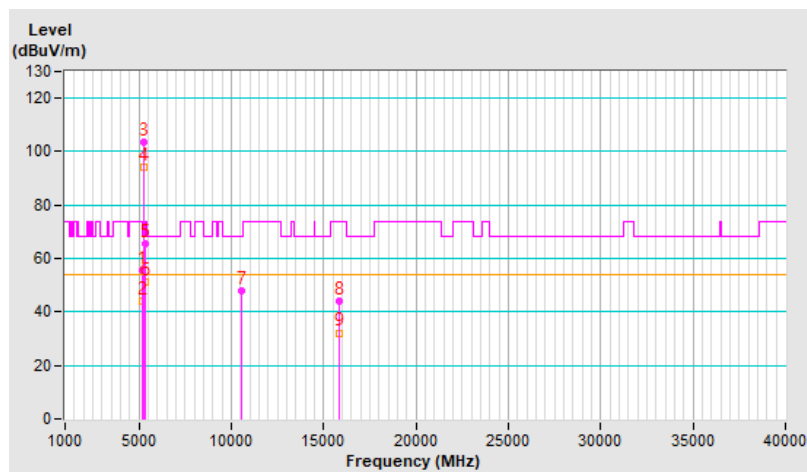


RF Mode	802.11ac (VHT80)	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	55.7 PK	74.0	-18.3	1.02 H	171	52.3	3.4
2	5150.00	44.2 AV	54.0	-9.8	1.02 H	171	40.8	3.4
3	*5290.00	103.5 PK			1.02 H	171	101.1	2.4
4	*5290.00	94.1 AV			1.02 H	171	91.7	2.4
5	5350.00	65.5 PK	74.0	-8.5	1.02 H	171	62.7	2.8
6	5350.00	51.2 AV	54.0	-2.8	1.02 H	171	48.4	2.8
7	#10580.00	47.9 PK	68.2	-20.3	1.15 H	218	35.1	12.8
8	15870.00	43.9 PK	74.0	-30.1	1.49 H	241	31.9	12.0
9	15870.00	32.2 AV	54.0	-21.8	1.49 H	241	20.2	12.0

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.

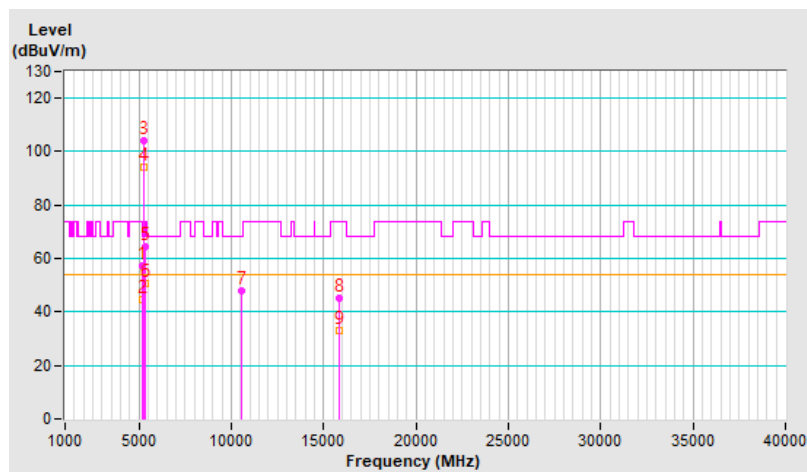


RF Mode	802.11ac (VHT80)	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	3.99 V	65	54.1	3.4
2	5150.00	44.7 AV	54.0	-9.3	3.99 V	65	41.3	3.4
3	*5290.00	104.1 PK			3.99 V	65	101.7	2.4
4	*5290.00	94.0 AV			3.99 V	65	91.6	2.4
5	5350.00	64.5 PK	74.0	-9.5	3.99 V	65	61.7	2.8
6	5350.00	50.7 AV	54.0	-3.3	3.99 V	65	47.9	2.8
7	#10580.00	47.8 PK	68.2	-20.4	1.23 V	209	35.0	12.8
8	15870.00	44.9 PK	74.0	-29.1	1.52 V	244	32.9	12.0
9	15870.00	32.9 AV	54.0	-21.1	1.52 V	244	20.9	12.0

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.

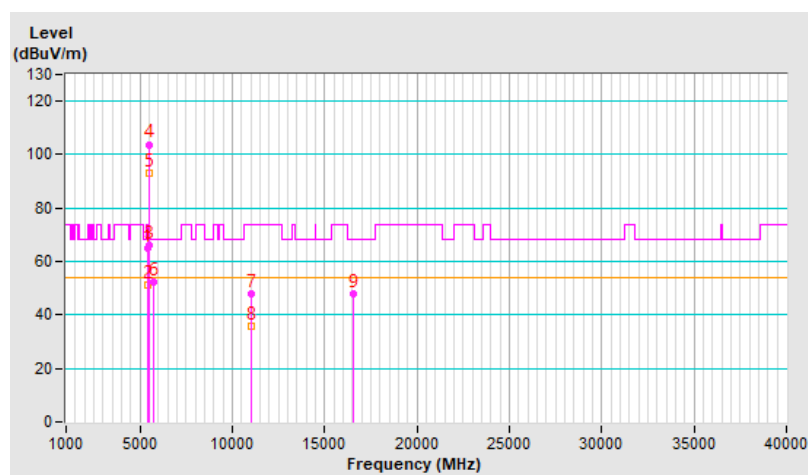


RF Mode	802.11ac (VHT80)	Channel	CH 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	65.2 PK	74.0	-8.8	1.06 H	153	62.3	2.9
2	5460.00	51.1 AV	54.0	-2.9	1.06 H	153	48.2	2.9
3	#5470.00	66.1 PK	68.2	-2.1	1.06 H	153	63.2	2.9
4	*5530.00	103.8 PK			1.06 H	153	100.9	2.9
5	*5530.00	93.3 AV			1.06 H	153	90.4	2.9
6	#5725.00	52.1 PK	68.2	-16.1	1.06 H	153	49.2	2.9
7	11060.00	48.0 PK	74.0	-26.0	1.56 H	360	34.2	13.8
8	11060.00	35.9 AV	54.0	-18.1	1.56 H	360	22.1	13.8
9	#16590.00	47.9 PK	68.2	-20.3	1.68 H	198	33.1	14.8

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.

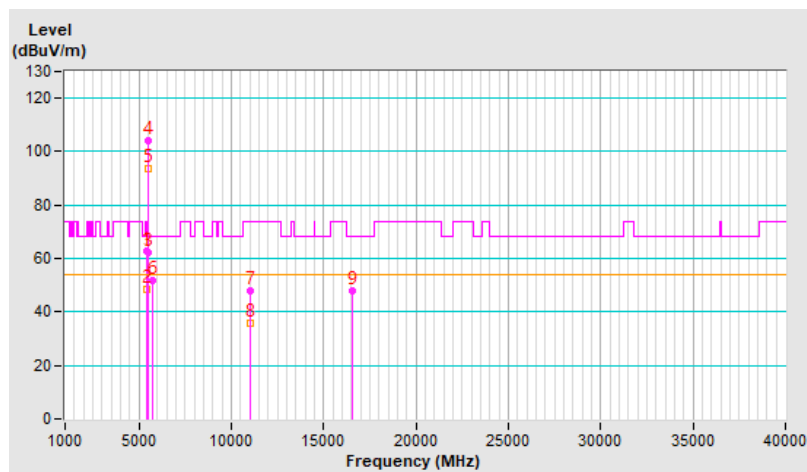


RF Mode	802.11ac (VHT80)	Channel	CH 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	62.9 PK	74.0	-11.1	3.95 V	73	60.0	2.9
2	5460.00	48.4 AV	54.0	-5.6	3.95 V	73	45.5	2.9
3	#5470.00	62.0 PK	68.2	-6.2	3.95 V	73	59.1	2.9
4	*5530.00	104.2 PK			3.95 V	73	101.3	2.9
5	*5530.00	93.7 AV			3.95 V	73	90.8	2.9
6	#5725.00	51.8 PK	68.2	-16.4	3.95 V	73	48.9	2.9
7	11060.00	48.0 PK	74.0	-26.0	1.61 V	44	34.2	13.8
8	11060.00	36.0 AV	54.0	-18.0	1.61 V	44	22.2	13.8
9	#16590.00	47.8 PK	68.2	-20.4	1.86 V	172	33.0	14.8

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.

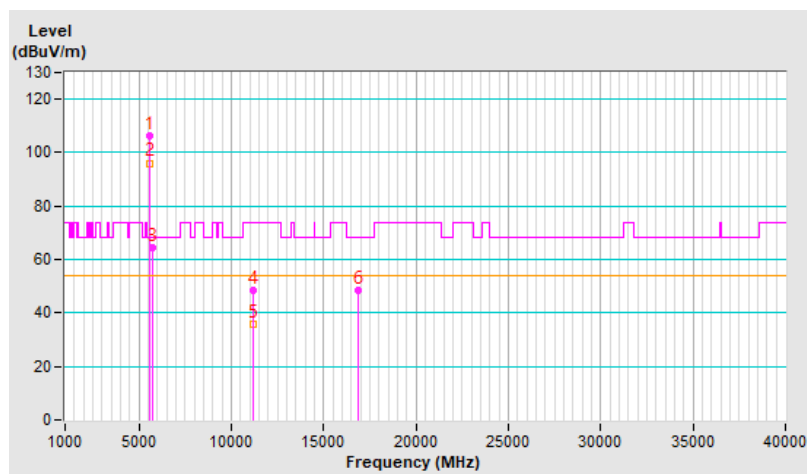


RF Mode	802.11ac (VHT80)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5610.00	106.1 PK			1.08 H	156	103.4	2.7
2	*5610.00	96.1 AV			1.08 H	156	93.4	2.7
3	#5725.00	64.6 PK	68.2	-3.6	1.08 H	156	61.7	2.9
4	11220.00	48.3 PK	74.0	-25.7	1.56 H	360	35.4	12.9
5	11220.00	36.0 AV	54.0	-18.0	1.56 H	360	23.1	12.9
6	#16830.00	48.2 PK	68.2	-20.0	1.63 H	183	32.1	16.1

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.

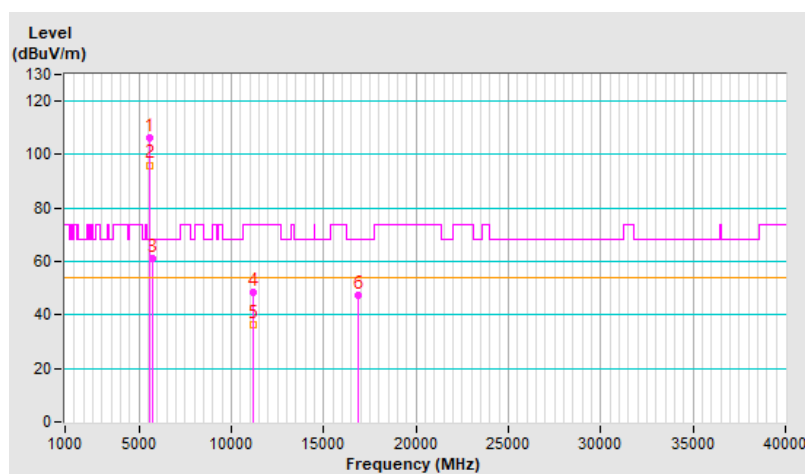


RF Mode	802.11ac (VHT80)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5610.00	106.4 PK			3.92 V	70	103.7	2.7
2	*5610.00	96.1 AV			3.92 V	70	93.4	2.7
3	#5725.00	61.0 PK	68.2	-7.2	3.92 V	70	58.1	2.9
4	11220.00	48.6 PK	74.0	-25.4	1.67 V	50	35.7	12.9
5	11220.00	36.5 AV	54.0	-17.5	1.67 V	50	23.6	12.9
6	#16830.00	47.6 PK	68.2	-20.6	1.90 V	186	31.5	16.1

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.

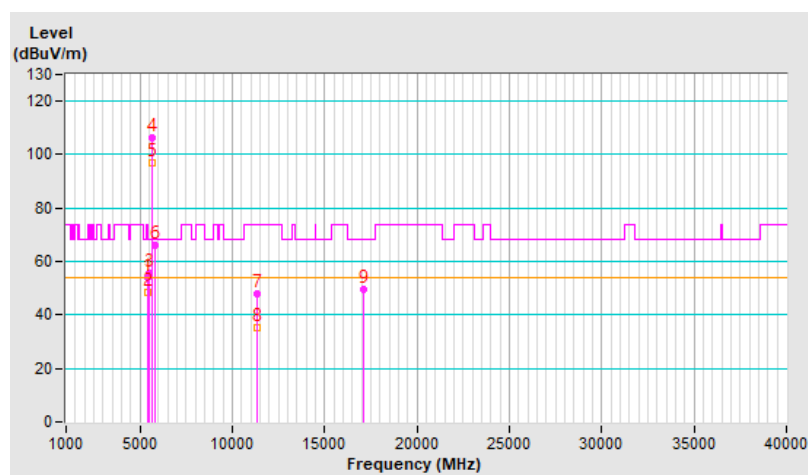


RF Mode	802.11ac (VHT80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	54.2 PK	74.0	-19.8	2.60 H	147	51.3	2.9
2	5460.00	48.3 AV	54.0	-5.7	2.60 H	147	45.4	2.9
3	#5470.00	55.5 PK	68.2	-12.7	2.60 H	147	52.6	2.9
4	*5690.00	106.5 PK			2.60 H	147	103.7	2.8
5	*5690.00	96.8 AV			2.60 H	147	94.0	2.8
6	#5850.00	66.0 PK	68.2	-2.2	2.60 H	147	62.7	3.3
7	11380.00	47.8 PK	74.0	-26.2	1.97 H	258	34.5	13.3
8	11380.00	35.3 AV	54.0	-18.7	1.97 H	258	22.0	13.3
9	#17070.00	49.8 PK	68.2	-18.4	1.87 H	234	33.1	16.7

Remarks:

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

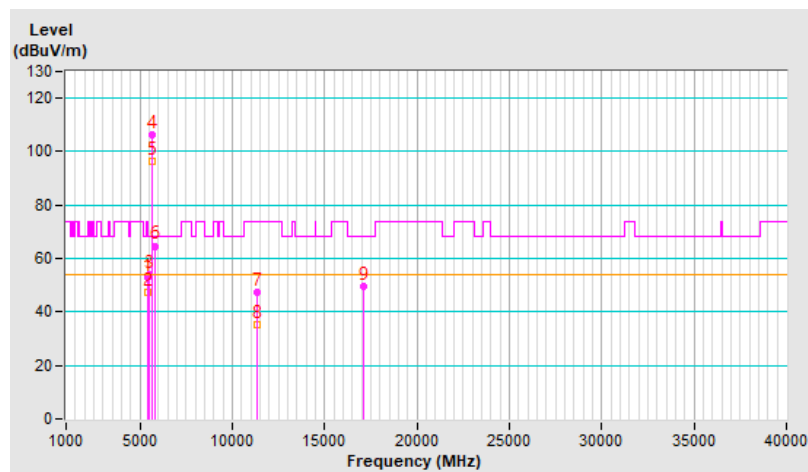


RF Mode	802.11ac (VHT80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	52.9 PK	74.0	-21.1	3.83 V	84	50.0	2.9
2	5460.00	47.1 AV	54.0	-6.9	3.83 V	84	44.2	2.9
3	#5470.00	54.1 PK	68.2	-14.1	3.83 V	84	51.2	2.9
4	*5690.00	106.4 PK			3.83 V	84	103.6	2.8
5	*5690.00	96.6 AV			3.83 V	84	93.8	2.8
6	#5850.00	64.7 PK	68.2	-3.5	3.83 V	84	61.4	3.3
7	11380.00	47.5 PK	74.0	-26.5	1.96 V	227	34.2	13.3
8	11380.00	35.1 AV	54.0	-18.9	1.96 V	227	21.8	13.3
9	#17070.00	49.5 PK	68.2	-18.7	1.86 V	247	32.8	16.7

Remarks:

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

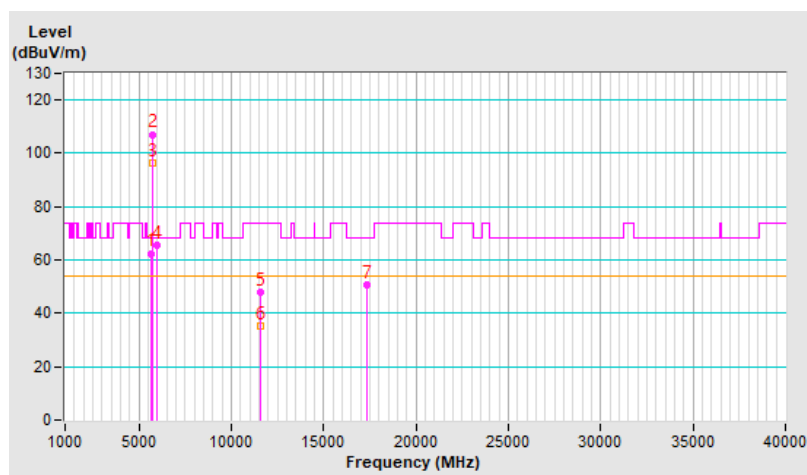


RF Mode	802.11ac (VHT80)	Channel	CH 155 : 5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5620.20	62.5 PK	68.2	-5.7	1.06 H	160	59.8	2.7
2	*5775.00	107.1 PK			1.06 H	160	104.0	3.1
3	*5775.00	96.2 AV			1.06 H	160	93.1	3.1
4	#5939.70	65.7 PK	68.2	-2.5	1.06 H	160	62.5	3.2
5	11550.00	47.9 PK	74.0	-26.1	1.54 H	254	34.7	13.2
6	11550.00	35.2 AV	54.0	-18.8	1.54 H	254	22.0	13.2
7	#17325.00	50.7 PK	68.2	-17.5	3.21 H	360	32.6	18.1

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.

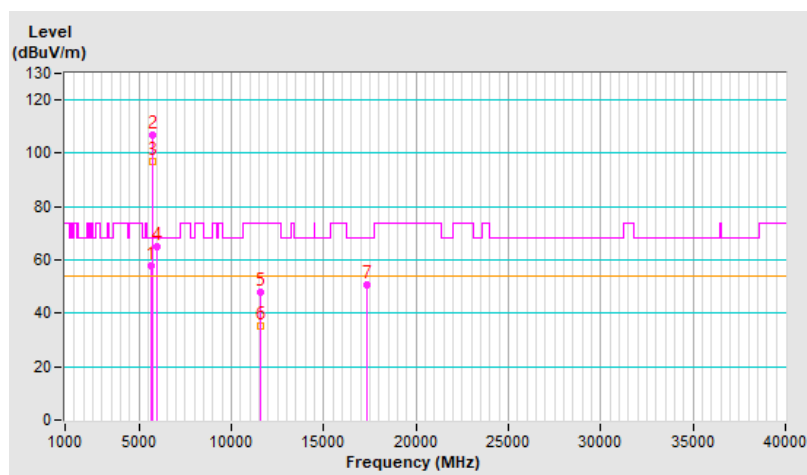


RF Mode	802.11ac (VHT80)	Channel	CH 155 : 5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5642.60	58.0 PK	68.2	-10.2	3.98 V	60	55.3	2.7
2	*5775.00	106.8 PK			3.98 V	60	103.7	3.1
3	*5775.00	96.9 AV			3.98 V	60	93.8	3.1
4	#5939.80	64.8 PK	68.2	-3.4	3.98 V	60	61.6	3.2
5	11550.00	47.9 PK	74.0	-26.1	1.56 V	247	34.7	13.2
6	11550.00	35.0 AV	54.0	-19.0	1.56 V	247	21.8	13.2
7	#17325.00	50.7 PK	68.2	-17.5	3.24 V	360	32.6	18.1

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.

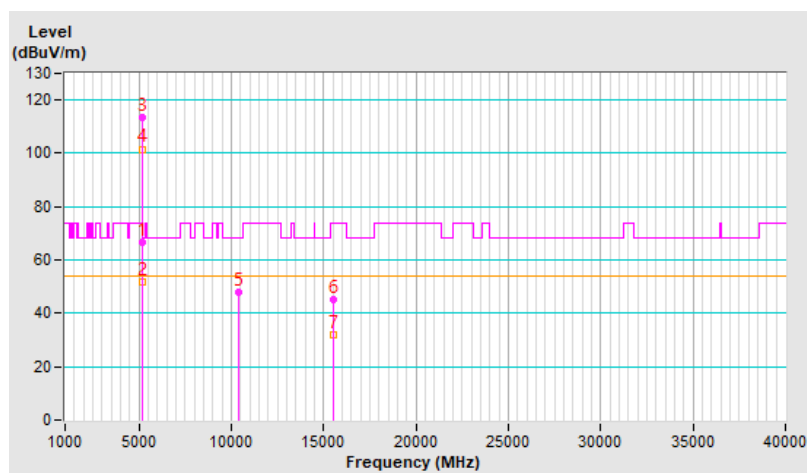


RF Mode	802.11ax (HE20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	66.7 PK	74.0	-7.3	1.20 H	159	63.3	3.4
2	5150.00	51.9 AV	54.0	-2.1	1.20 H	159	48.5	3.4
3	*5180.00	113.3 PK			1.20 H	159	110.2	3.1
4	*5180.00	101.6 AV			1.20 H	159	98.5	3.1
5	#10360.00	48.1 PK	68.2	-20.1	1.83 H	360	35.3	12.8
6	15540.00	44.9 PK	74.0	-29.1	1.67 H	26	33.6	11.3
7	15540.00	31.8 AV	54.0	-22.2	1.67 H	26	20.5	11.3

Remarks:

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

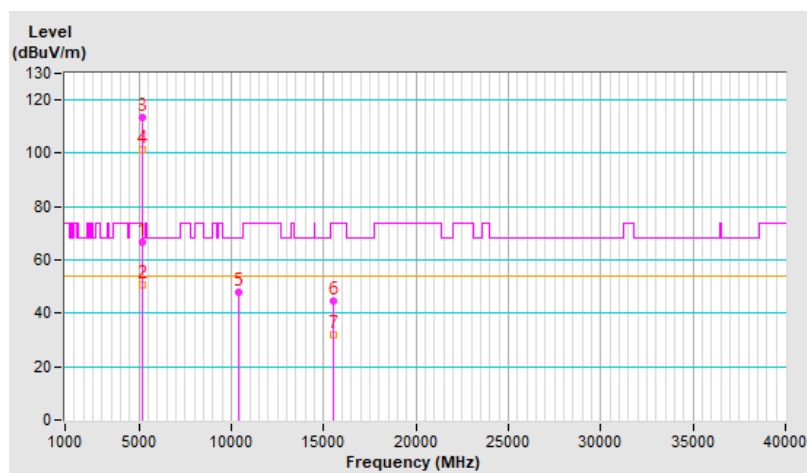


RF Mode	802.11ax (HE20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	66.4 PK	74.0	-7.6	3.81 V	58	63.0	3.4
2	5150.00	50.5 AV	54.0	-3.5	3.81 V	58	47.1	3.4
3	*5180.00	113.2 PK			3.81 V	58	110.1	3.1
4	*5180.00	101.2 AV			3.81 V	58	98.1	3.1
5	#10360.00	47.9 PK	68.2	-20.3	1.91 V	339	35.1	12.8
6	15540.00	44.4 PK	74.0	-29.6	1.58 V	31	33.1	11.3
7	15540.00	31.8 AV	54.0	-22.2	1.58 V	31	20.5	11.3

Remarks:

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

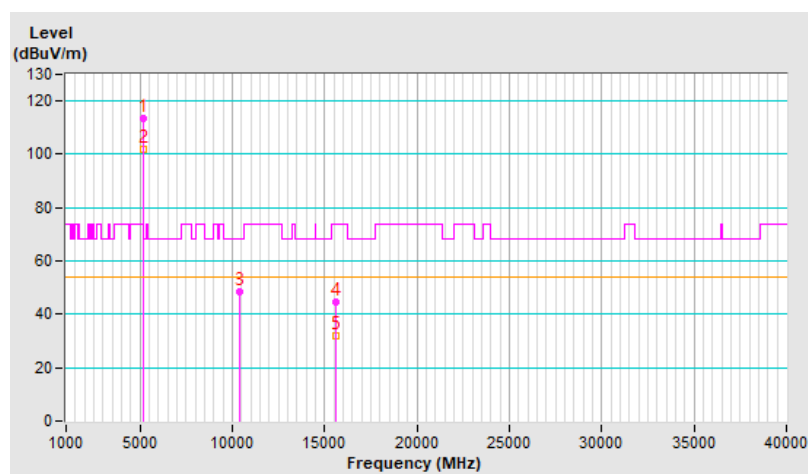


RF Mode	802.11ax (HE20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.6 PK			1.00 H	158	110.6	3.0
2	*5200.00	101.9 AV			1.00 H	158	98.9	3.0
3	#10400.00	48.4 PK	68.2	-19.8	1.87 H	357	35.3	13.1
4	15600.00	44.7 PK	74.0	-29.3	1.65 H	24	34.0	10.7
5	15600.00	31.7 AV	54.0	-22.3	1.65 H	24	21.0	10.7

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.

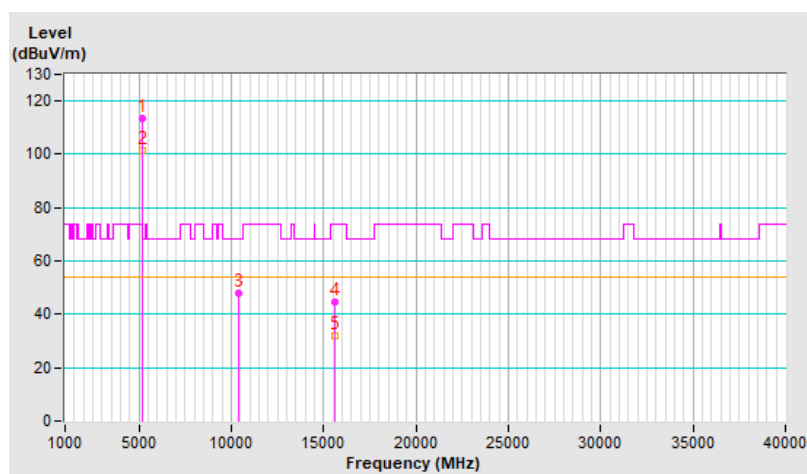


RF Mode	802.11ax (HE20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.4 PK			3.78 V	56	110.4	3.0
2	*5200.00	101.5 AV			3.78 V	56	98.5	3.0
3	#10400.00	48.0 PK	68.2	-20.2	1.89 V	348	34.9	13.1
4	15600.00	44.5 PK	74.0	-29.5	1.61 V	35	33.8	10.7
5	15600.00	31.8 AV	54.0	-22.2	1.61 V	35	21.1	10.7

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.

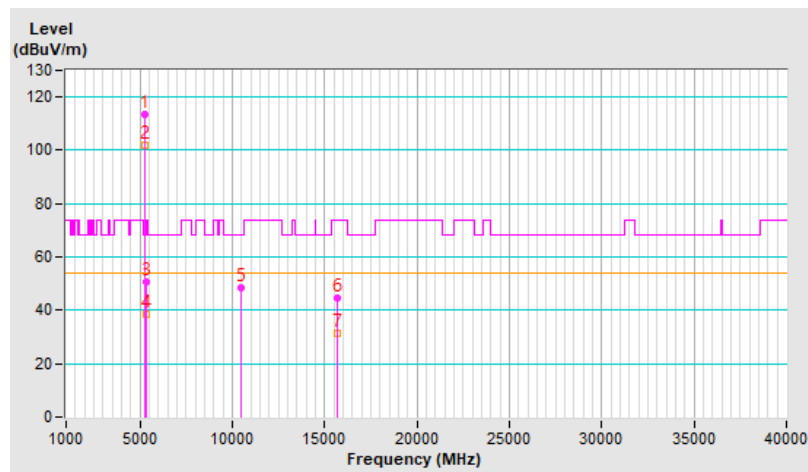


RF Mode	802.11ax (HE20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.7 PK			1.06 H	157	111.0	2.7
2	*5240.00	101.8 AV			1.06 H	157	99.1	2.7
3	5350.00	50.9 PK	74.0	-23.1	1.06 H	157	48.1	2.8
4	5350.00	38.4 AV	54.0	-15.6	1.06 H	157	35.6	2.8
5	#10480.00	48.7 PK	68.2	-19.5	1.91 H	360	35.9	12.8
6	15720.00	44.5 PK	74.0	-29.5	1.70 H	30	33.1	11.4
7	15720.00	31.5 AV	54.0	-22.5	1.70 H	30	20.1	11.4

Remarks:

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

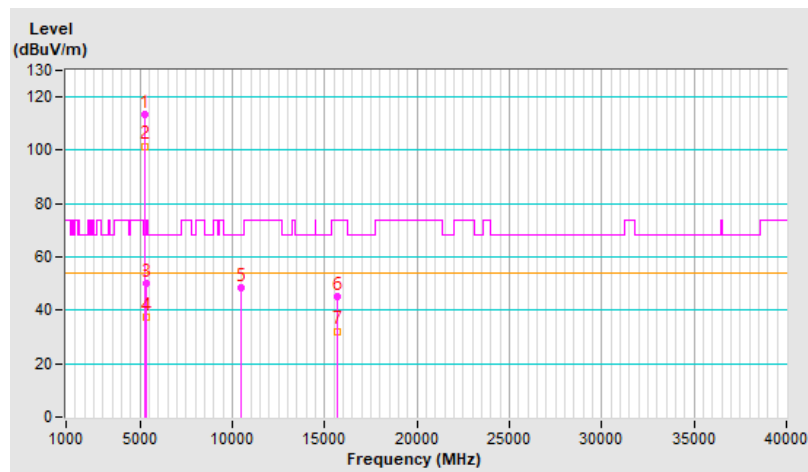


RF Mode	802.11ax (HE20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.3 PK			3.82 V	54	110.6	2.7
2	*5240.00	101.6 AV			3.82 V	54	98.9	2.7
3	5350.00	50.1 PK	74.0	-23.9	3.82 V	54	47.3	2.8
4	5350.00	37.6 AV	54.0	-16.4	3.82 V	54	34.8	2.8
5	#10480.00	48.4 PK	68.2	-19.8	1.84 V	352	35.6	12.8
6	15720.00	45.0 PK	74.0	-29.0	1.63 V	32	33.6	11.4
7	15720.00	32.2 AV	54.0	-21.8	1.63 V	32	20.8	11.4

Remarks:

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

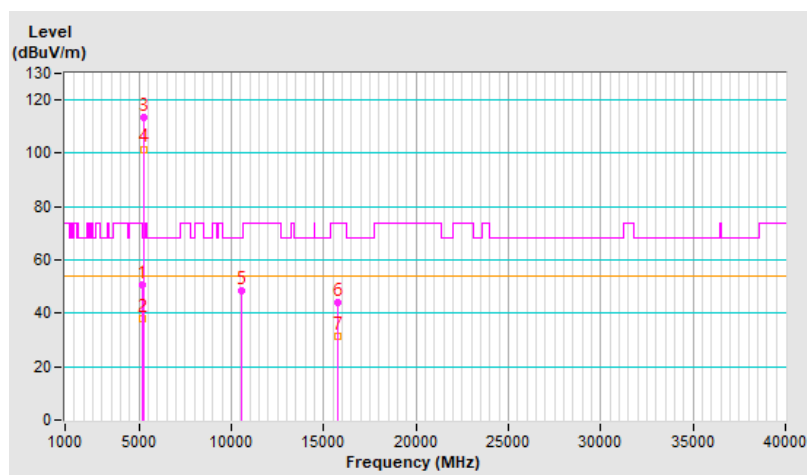


RF Mode	802.11ax (HE20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	50.8 PK	74.0	-23.2	1.06 H	150	47.4	3.4
2	5150.00	38.1 AV	54.0	-15.9	1.06 H	150	34.7	3.4
3	*5260.00	113.6 PK			1.06 H	150	111.0	2.6
4	*5260.00	101.6 AV			1.06 H	150	99.0	2.6
5	#10520.00	48.7 PK	68.2	-19.5	1.82 H	348	36.1	12.6
6	15780.00	44.1 PK	74.0	-29.9	1.64 H	9	32.3	11.8
7	15780.00	31.4 AV	54.0	-22.6	1.64 H	9	19.6	11.8

Remarks:

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

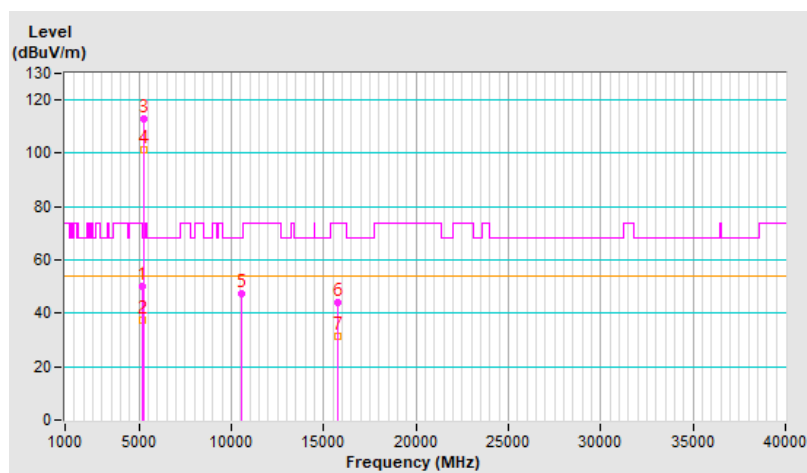


RF Mode	802.11ax (HE20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.9 PK	74.0	-24.1	3.82 V	65	46.5	3.4
2	5150.00	37.4 AV	54.0	-16.6	3.82 V	65	34.0	3.4
3	*5260.00	112.8 PK			3.82 V	65	110.2	2.6
4	*5260.00	101.1 AV			3.82 V	65	98.5	2.6
5	#10520.00	47.4 PK	68.2	-20.8	1.92 V	343	34.8	12.6
6	15780.00	44.1 PK	74.0	-29.9	1.66 V	48	32.3	11.8
7	15780.00	31.4 AV	54.0	-22.6	1.66 V	48	19.6	11.8

Remarks:

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

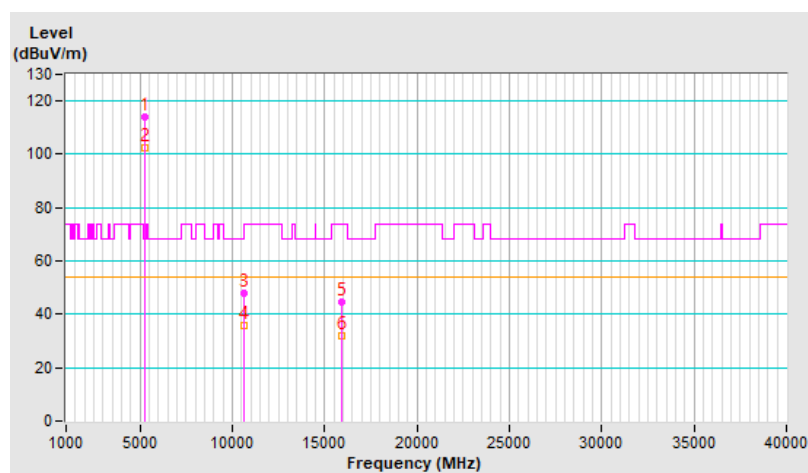


RF Mode	802.11ax (HE20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.8 PK			1.09 H	150	111.4	2.4
2	*5300.00	102.2 AV			1.09 H	150	99.8	2.4
3	10600.00	47.8 PK	74.0	-26.2	1.86 H	351	34.9	12.9
4	10600.00	35.7 AV	54.0	-18.3	1.86 H	351	22.8	12.9
5	15900.00	44.6 PK	74.0	-29.4	1.60 H	39	32.5	12.1
6	15900.00	31.8 AV	54.0	-22.2	1.60 H	39	19.7	12.1

Remarks:

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

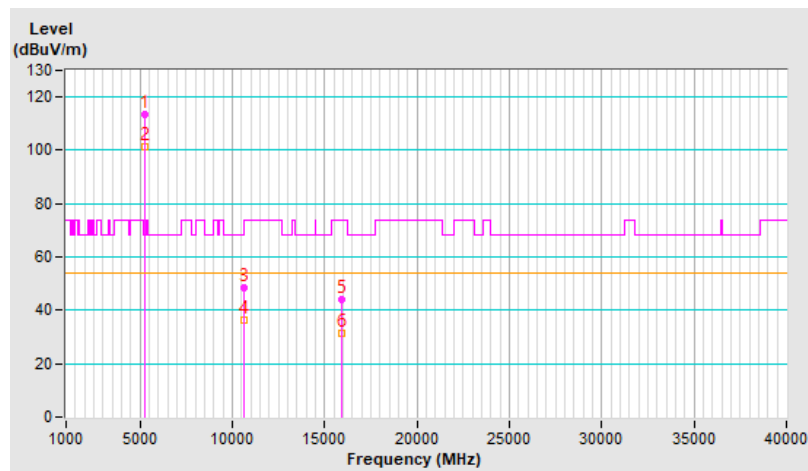


RF Mode	802.11ax (HE20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.2 PK			3.78 V	68	110.8	2.4
2	*5300.00	101.2 AV			3.78 V	68	98.8	2.4
3	10600.00	48.6 PK	74.0	-25.4	1.94 V	360	35.7	12.9
4	10600.00	36.1 AV	54.0	-17.9	1.94 V	360	23.2	12.9
5	15900.00	44.0 PK	74.0	-30.0	1.56 V	34	31.9	12.1
6	15900.00	31.5 AV	54.0	-22.5	1.56 V	34	19.4	12.1

Remarks:

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

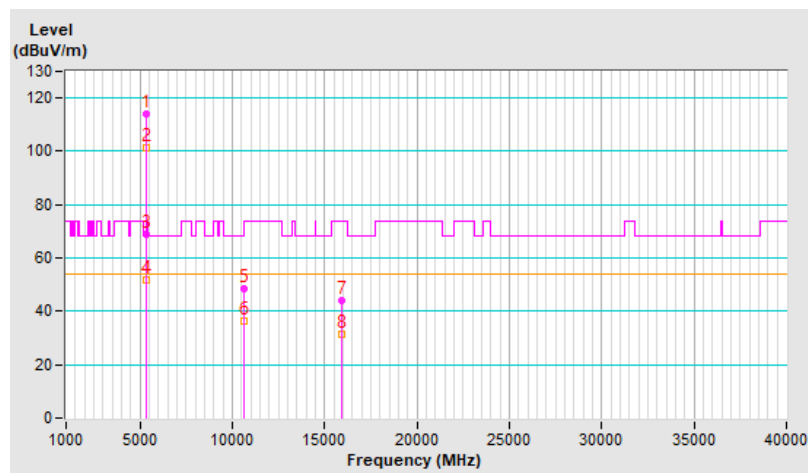


RF Mode	802.11ax (HE20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	113.8 PK			1.18 H	168	111.2	2.6
2	*5320.00	101.5 AV			1.18 H	168	98.9	2.6
3	5350.00	68.7 PK	74.0	-5.3	1.18 H	168	65.9	2.8
4	5350.00	51.8 AV	54.0	-2.2	1.18 H	168	49.0	2.8
5	10640.00	48.5 PK	74.0	-25.5	1.82 H	360	35.4	13.1
6	10640.00	36.1 AV	54.0	-17.9	1.82 H	360	23.0	13.1
7	15960.00	44.3 PK	74.0	-29.7	1.70 H	20	31.9	12.4
8	15960.00	31.5 AV	54.0	-22.5	1.70 H	20	19.1	12.4

Remarks:

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

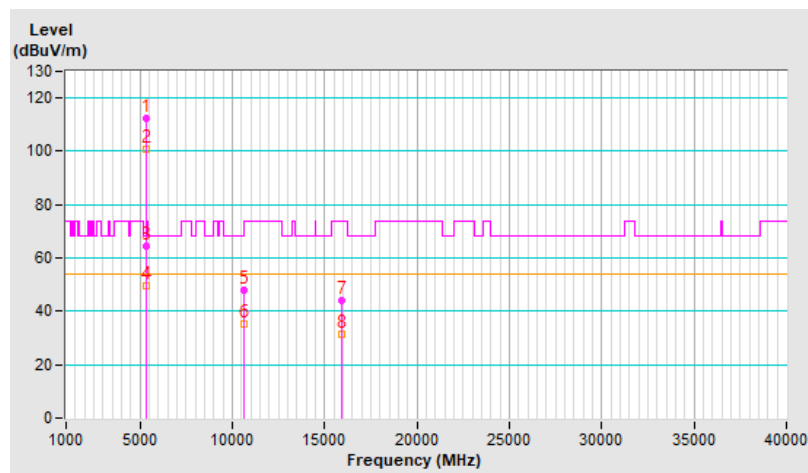


RF Mode	802.11ax (HE20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	112.6 PK			3.25 V	49	110.0	2.6
2	*5320.00	100.8 AV			3.25 V	49	98.2	2.6
3	5350.00	64.2 PK	74.0	-9.8	3.25 V	49	61.4	2.8
4	5350.00	49.7 AV	54.0	-4.3	3.25 V	49	46.9	2.8
5	10640.00	47.8 PK	74.0	-26.2	1.94 V	357	34.7	13.1
6	10640.00	35.4 AV	54.0	-18.6	1.94 V	357	22.3	13.1
7	15960.00	44.0 PK	74.0	-30.0	1.60 V	30	31.6	12.4
8	15960.00	31.4 AV	54.0	-22.6	1.60 V	30	19.0	12.4

Remarks:

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

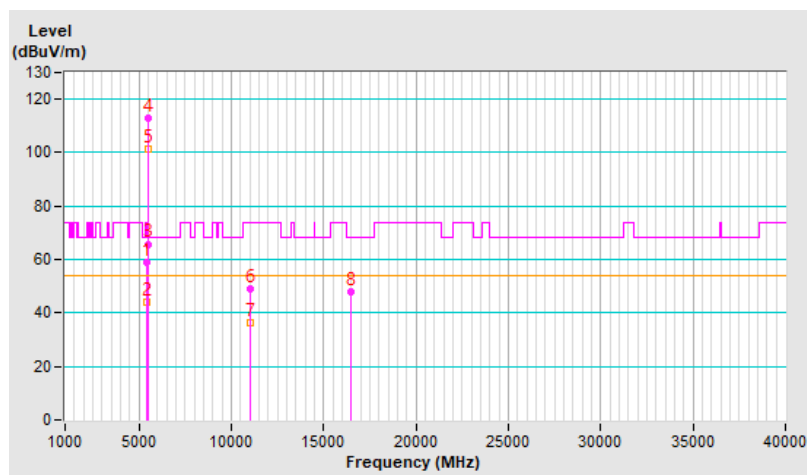


RF Mode	802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	58.8 PK	74.0	-15.2	1.00 H	165	55.9	2.9
2	5460.00	43.9 AV	54.0	-10.1	1.00 H	165	41.0	2.9
3	#5470.00	65.8 PK	68.2	-2.4	1.00 H	165	62.9	2.9
4	*5500.00	113.1 PK			1.00 H	165	110.2	2.9
5	*5500.00	101.2 AV			1.00 H	165	98.3	2.9
6	11000.00	49.2 PK	74.0	-24.8	1.17 H	357	35.4	13.8
7	11000.00	36.4 AV	54.0	-17.6	1.17 H	357	22.6	13.8
8	#16500.00	47.8 PK	68.2	-20.4	1.28 H	360	33.1	14.7

Remarks:

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

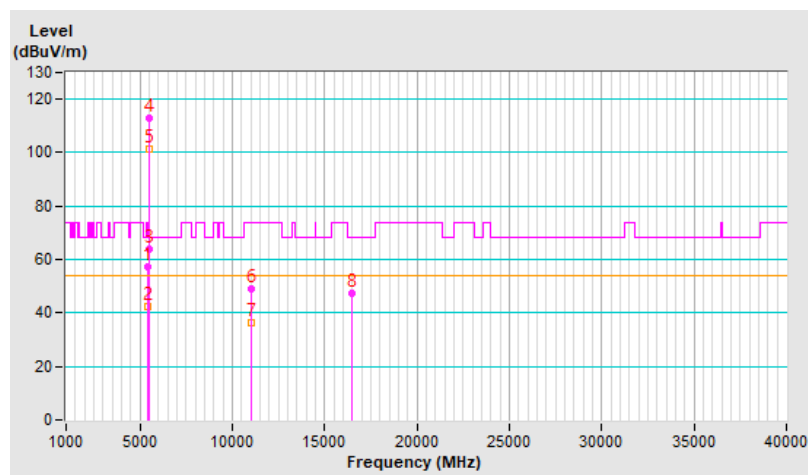


RF Mode	802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	57.5 PK	74.0	-16.5	4.00 V	47	54.6	2.9
2	5460.00	42.5 AV	54.0	-11.5	4.00 V	47	39.6	2.9
3	#5470.00	63.7 PK	68.2	-4.5	4.00 V	47	60.8	2.9
4	*5500.00	112.9 PK			4.00 V	47	110.0	2.9
5	*5500.00	101.1 AV			4.00 V	47	98.2	2.9
6	11000.00	48.9 PK	74.0	-25.1	1.19 V	346	35.1	13.8
7	11000.00	36.2 AV	54.0	-17.8	1.19 V	346	22.4	13.8
8	#16500.00	47.6 PK	68.2	-20.6	1.23 V	360	32.9	14.7

Remarks:

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

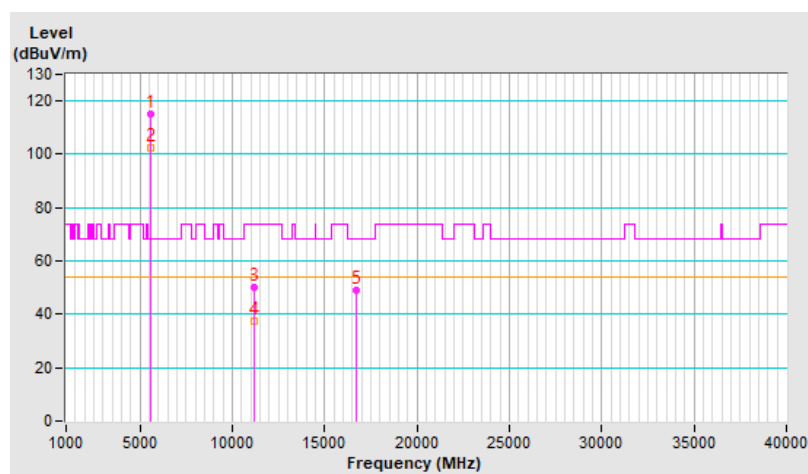


RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	115.3 PK			1.03 H	167	112.6	2.7
2	*5580.00	102.3 AV			1.03 H	167	99.6	2.7
3	11160.00	50.3 PK	74.0	-23.7	1.14 H	360	37.1	13.2
4	11160.00	37.5 AV	54.0	-16.5	1.14 H	360	24.3	13.2
5	#16740.00	49.0 PK	68.2	-19.2	1.34 H	360	33.1	15.9

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.

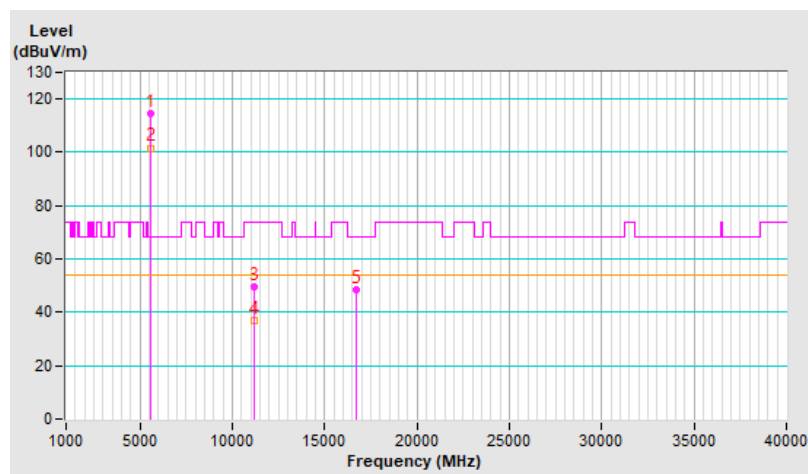


RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	114.7 PK			3.78 V	54	112.0	2.7
2	*5580.00	101.6 AV			3.78 V	54	98.9	2.7
3	11160.00	49.7 PK	74.0	-24.3	1.16 V	336	36.5	13.2
4	11160.00	36.8 AV	54.0	-17.2	1.16 V	336	23.6	13.2
5	#16740.00	48.3 PK	68.2	-19.9	1.29 V	360	32.4	15.9

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.

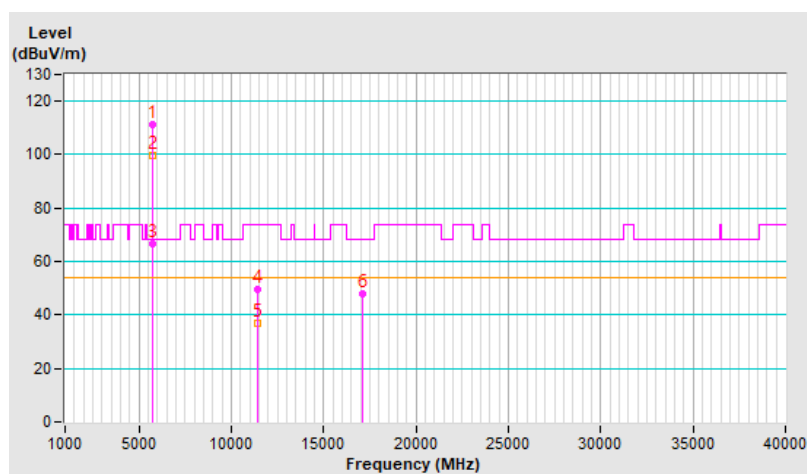


RF Mode	802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	111.0 PK			1.02 H	148	108.1	2.9
2	*5700.00	99.9 AV			1.02 H	148	97.0	2.9
3	#5725.00	66.7 PK	68.2	-1.5	1.02 H	148	63.8	2.9
4	11400.00	49.6 PK	74.0	-24.4	1.11 H	351	36.3	13.3
5	11400.00	36.7 AV	54.0	-17.3	1.11 H	351	23.4	13.3
6	#17100.00	47.8 PK	68.2	-20.4	1.23 H	352	31.4	16.4

Remarks:

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

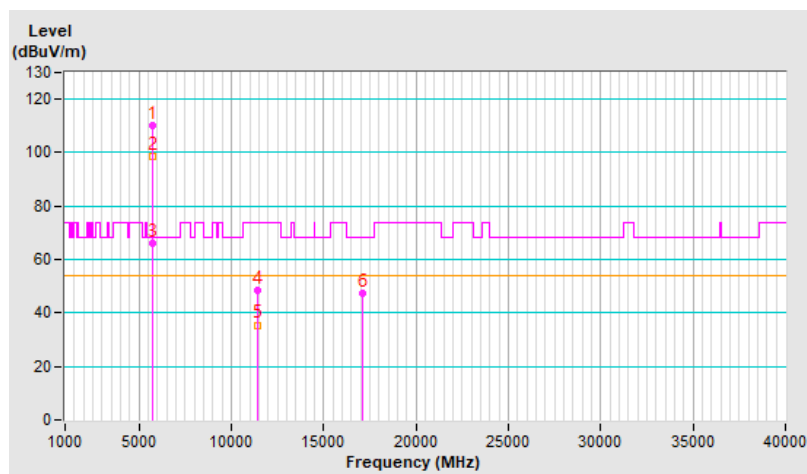


RF Mode	802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	110.1 PK			3.75 V	56	107.2	2.9
2	*5700.00	98.7 AV			3.75 V	56	95.8	2.9
3	#5725.00	66.2 PK	68.2	-2.0	3.75 V	56	63.3	2.9
4	11400.00	48.4 PK	74.0	-25.6	1.13 V	329	35.1	13.3
5	11400.00	35.5 AV	54.0	-18.5	1.13 V	329	22.2	13.3
6	#17100.00	47.2 PK	68.2	-21.0	1.23 V	360	30.8	16.4

Remarks:

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

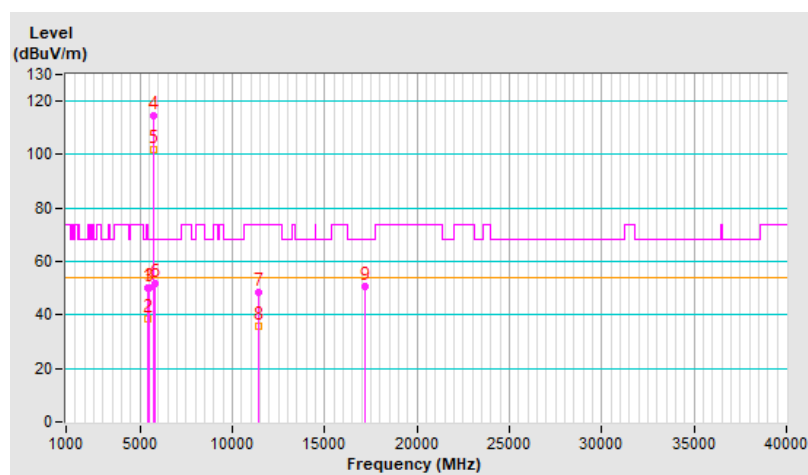


RF Mode	802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	50.1 PK	74.0	-23.9	1.06 H	168	47.2	2.9
2	5460.00	38.5 AV	54.0	-15.5	1.06 H	168	35.6	2.9
3	#5470.00	50.3 PK	68.2	-17.9	1.06 H	168	47.4	2.9
4	*5720.00	114.8 PK			1.06 H	168	111.9	2.9
5	*5720.00	102.1 AV			1.06 H	168	99.2	2.9
6	#5850.00	51.7 PK	68.2	-16.5	1.06 H	168	48.4	3.3
7	11440.00	48.2 PK	74.0	-25.8	1.68 H	286	35.0	13.2
8	11440.00	35.7 AV	54.0	-18.3	1.68 H	286	22.5	13.2
9	#17160.00	50.7 PK	68.2	-17.5	1.88 H	265	33.9	16.8

Remarks:

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

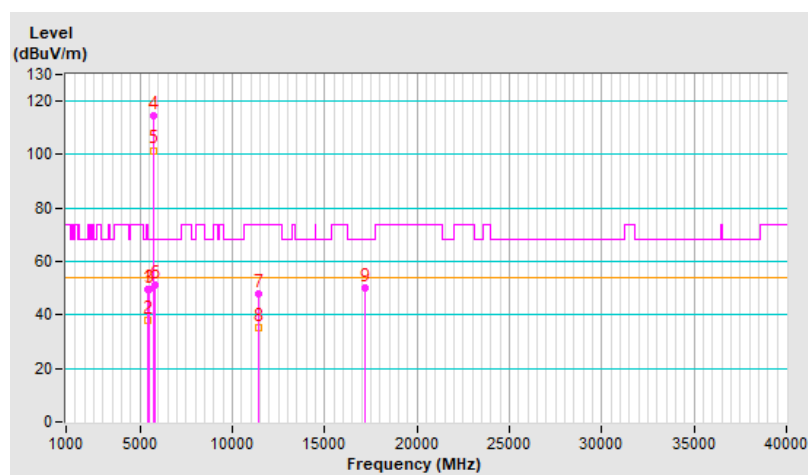


RF Mode	802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.7 PK	74.0	-24.3	3.45 V	68	46.8	2.9
2	5460.00	38.1 AV	54.0	-15.9	3.45 V	68	35.2	2.9
3	#5470.00	49.6 PK	68.2	-18.6	3.45 V	68	46.7	2.9
4	*5720.00	114.4 PK			3.45 V	68	111.5	2.9
5	*5720.00	101.6 AV			3.45 V	68	98.7	2.9
6	#5850.00	51.2 PK	68.2	-17.0	3.45 V	68	47.9	3.3
7	11440.00	47.7 PK	74.0	-26.3	1.68 V	294	34.5	13.2
8	11440.00	35.4 AV	54.0	-18.6	1.68 V	294	22.2	13.2
9	#17160.00	50.3 PK	68.2	-17.9	1.93 V	270	33.5	16.8

Remarks:

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

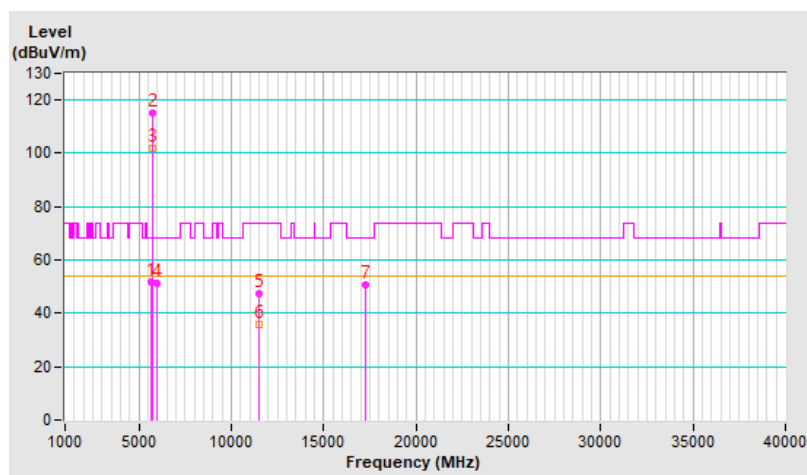


RF Mode	802.11ax (HE20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5648.90	51.6 PK	68.2	-16.6	1.14 H	168	48.9	2.7
2	*5745.00	115.3 PK			1.14 H	168	112.3	3.0
3	*5745.00	101.7 AV			1.14 H	168	98.7	3.0
4	#5949.20	51.3 PK	68.2	-16.9	1.14 H	168	48.1	3.2
5	11490.00	47.4 PK	74.0	-26.6	1.99 H	360	34.4	13.0
6	11490.00	35.7 AV	54.0	-18.3	1.99 H	360	22.7	13.0
7	#17235.00	50.8 PK	68.2	-17.4	1.58 H	322	33.5	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.

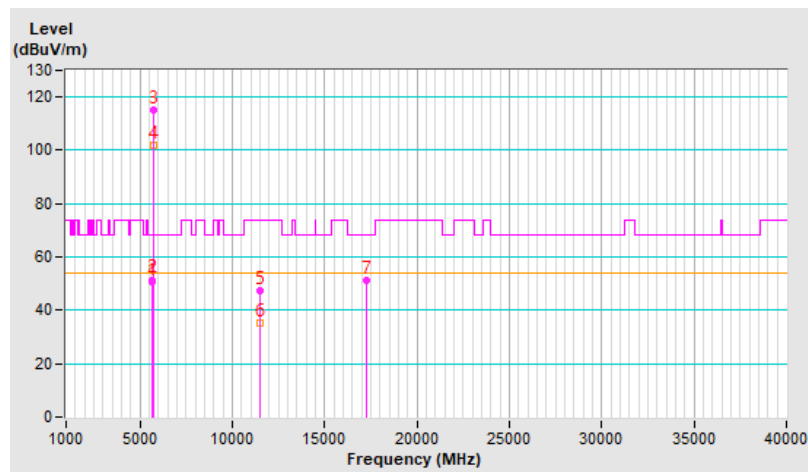


RF Mode	802.11ax (HE20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5623.90	50.8 PK	68.2	-17.4	3.78 V	47	48.1	2.7
2	#5641.70	51.5 PK	68.2	-16.7	3.78 V	47	48.8	2.7
3	*5745.00	114.9 PK			3.78 V	47	111.9	3.0
4	*5745.00	101.7 AV			3.78 V	47	98.7	3.0
5	11490.00	47.3 PK	74.0	-26.7	1.97 V	360	34.3	13.0
6	11490.00	35.4 AV	54.0	-18.6	1.97 V	360	22.4	13.0
7	#17235.00	51.2 PK	68.2	-17.0	1.53 V	322	33.9	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.

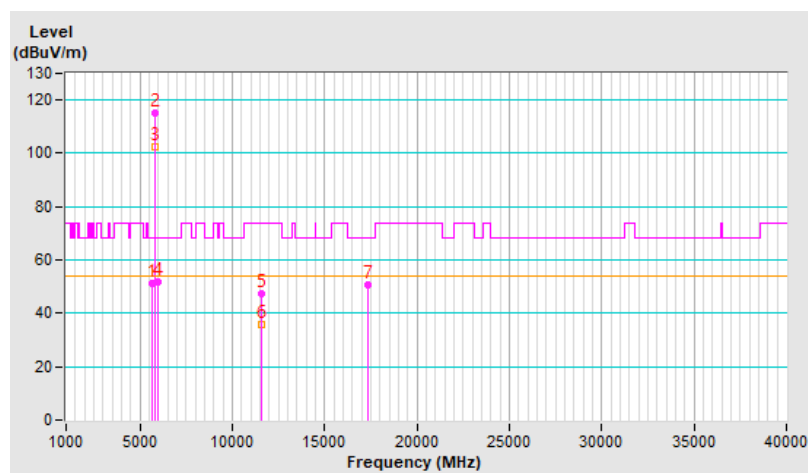


RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5621.10	51.4 PK	68.2	-16.8	1.08 H	155	48.7	2.7
2	*5785.00	115.1 PK			1.08 H	155	111.9	3.2
3	*5785.00	102.3 AV			1.08 H	155	99.1	3.2
4	#5955.80	51.7 PK	68.2	-16.5	1.08 H	155	48.5	3.2
5	11570.00	47.3 PK	74.0	-26.7	2.05 H	359	34.1	13.2
6	11570.00	35.6 AV	54.0	-18.4	2.05 H	359	22.4	13.2
7	#17355.00	50.8 PK	68.2	-17.4	1.62 H	337	32.3	18.5

Remarks:

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

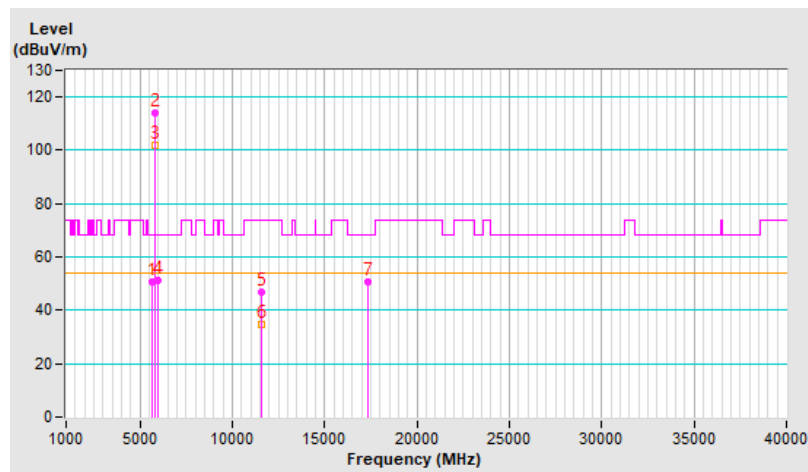


RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5625.20	50.8 PK	68.2	-17.4	3.55 V	60	48.1	2.7
2	*5785.00	114.1 PK			3.55 V	60	110.9	3.2
3	*5785.00	101.8 AV			3.55 V	60	98.6	3.2
4	#5938.40	51.1 PK	68.2	-17.1	3.55 V	60	47.9	3.2
5	11570.00	46.6 PK	74.0	-27.4	2.02 V	352	33.4	13.2
6	11570.00	34.9 AV	54.0	-19.1	2.02 V	352	21.7	13.2
7	#17355.00	50.5 PK	68.2	-17.7	1.54 V	329	32.0	18.5

Remarks:

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

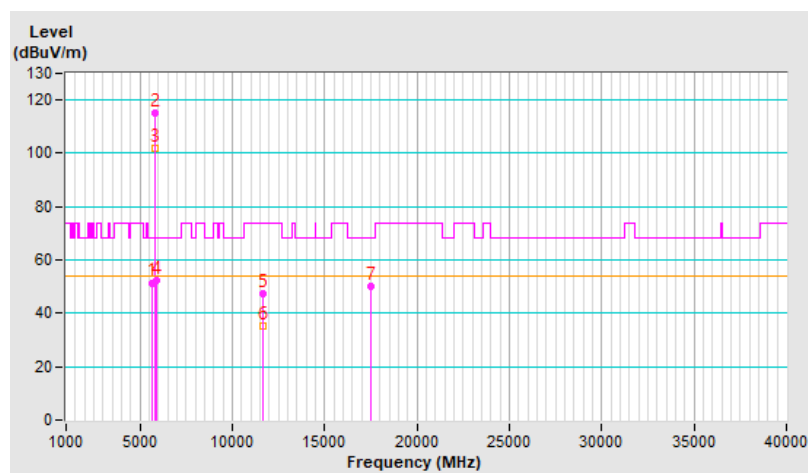


RF Mode	802.11ax (HE20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5640.80	51.5 PK	68.2	-16.7	1.09 H	167	48.8	2.7
2	*5825.00	114.9 PK			1.09 H	167	111.6	3.3
3	*5825.00	101.8 AV			1.09 H	167	98.5	3.3
4	#5930.20	52.4 PK	68.2	-15.8	1.09 H	167	49.2	3.2
5	11650.00	47.2 PK	74.0	-26.8	2.01 H	360	34.1	13.1
6	11650.00	35.4 AV	54.0	-18.6	2.01 H	360	22.3	13.1
7	#17475.00	50.2 PK	68.2	-18.0	1.58 H	322	30.1	20.1

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.

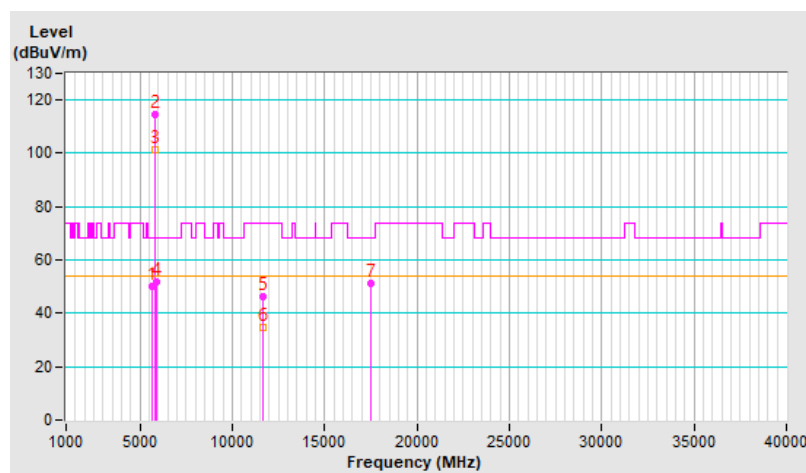


RF Mode	802.11ax (HE20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5631.30	50.0 PK	68.2	-18.2	3.91 V	64	47.3	2.7
2	*5825.00	114.7 PK			3.91 V	64	111.4	3.3
3	*5825.00	101.5 AV			3.91 V	64	98.2	3.3
4	#5926.40	51.8 PK	68.2	-16.4	3.91 V	64	48.6	3.2
5	11650.00	46.3 PK	74.0	-27.7	2.00 V	352	33.2	13.1
6	11650.00	34.9 AV	54.0	-19.1	2.00 V	352	21.8	13.1
7	#17475.00	51.0 PK	68.2	-17.2	1.48 V	323	30.9	20.1

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.

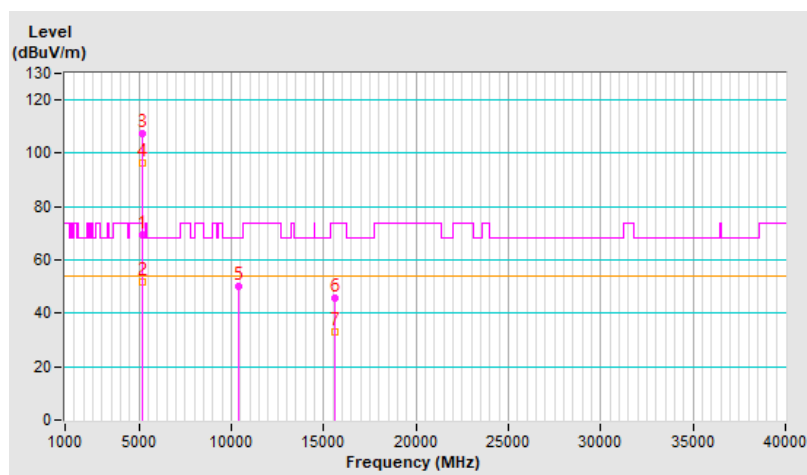


RF Mode	802.11ax (HE40)	Channel	CH 38 : 5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	69.6 PK	74.0	-4.4	1.31 H	159	66.2	3.4
2	5150.00	51.9 AV	54.0	-2.1	1.31 H	159	48.5	3.4
3	*5190.00	107.6 PK			1.31 H	159	104.6	3.0
4	*5190.00	96.6 AV			1.31 H	159	93.6	3.0
5	#10380.00	50.3 PK	68.2	-17.9	1.11 H	67	37.3	13.0
6	15570.00	45.6 PK	74.0	-28.4	1.24 H	119	34.6	11.0
7	15570.00	33.2 AV	54.0	-20.8	1.24 H	119	22.2	11.0

Remarks:

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

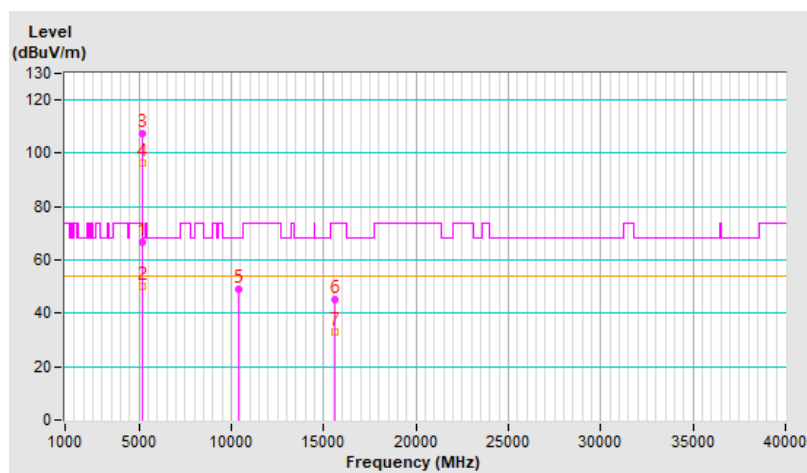


RF Mode	802.11ax (HE40)	Channel	CH 38 : 5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	66.6 PK	74.0	-7.4	3.46 V	68	63.2	3.4
2	5150.00	50.0 AV	54.0	-4.0	3.46 V	68	46.6	3.4
3	*5190.00	107.4 PK			3.46 V	68	104.4	3.0
4	*5190.00	96.4 AV			3.46 V	68	93.4	3.0
5	#10380.00	49.1 PK	68.2	-19.1	1.11 V	79	36.1	13.0
6	15570.00	45.3 PK	74.0	-28.7	1.57 V	352	34.3	11.0
7	15570.00	33.0 AV	54.0	-21.0	1.57 V	352	22.0	11.0

Remarks:

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

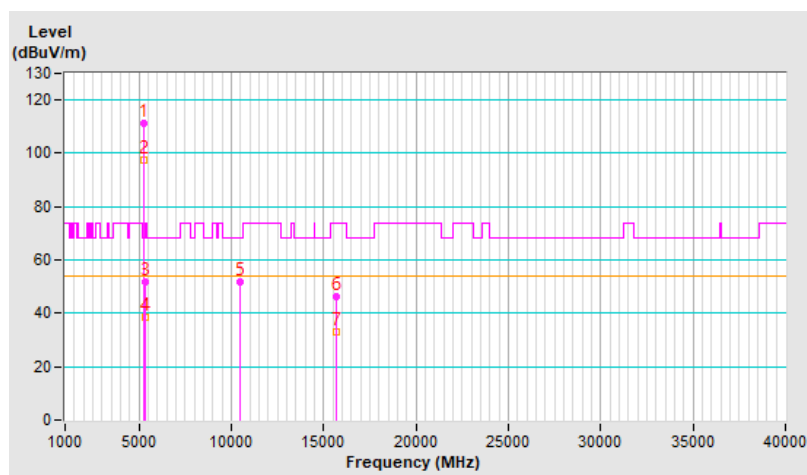


RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5230.00	111.1 PK			1.32 H	161	108.3	2.8
2	*5230.00	97.6 AV			1.32 H	161	94.8	2.8
3	5350.00	52.0 PK	74.0	-22.0	1.32 H	161	49.2	2.8
4	5350.00	38.7 AV	54.0	-15.3	1.32 H	161	35.9	2.8
5	#10460.00	51.7 PK	68.2	-16.5	1.00 H	55	38.9	12.8
6	15690.00	46.1 PK	74.0	-27.9	1.03 H	121	34.9	11.2
7	15690.00	33.2 AV	54.0	-20.8	1.03 H	121	22.0	11.2

Remarks:

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

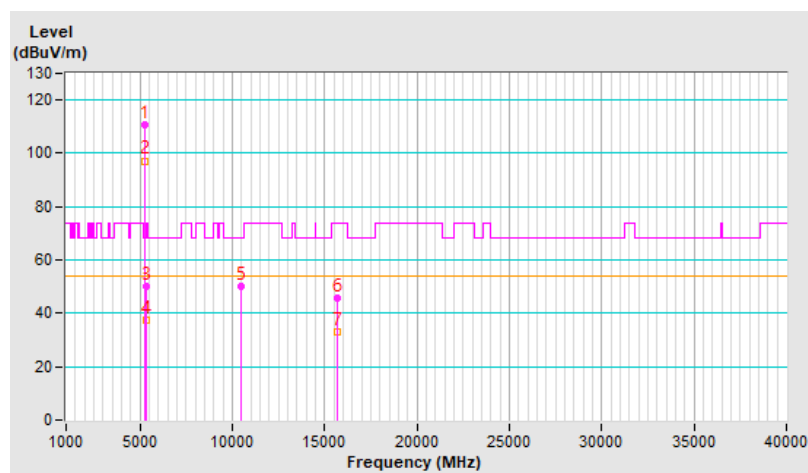


RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5230.00	110.6 PK			3.24 V	78	107.8	2.8
2	*5230.00	97.2 AV			3.24 V	78	94.4	2.8
3	5350.00	50.3 PK	74.0	-23.7	3.24 V	78	47.5	2.8
4	5350.00	37.2 AV	54.0	-16.8	3.24 V	78	34.4	2.8
5	#10460.00	50.1 PK	68.2	-18.1	1.00 V	76	37.3	12.8
6	15690.00	45.5 PK	74.0	-28.5	1.49 V	343	34.3	11.2
7	15690.00	33.1 AV	54.0	-20.9	1.49 V	343	21.9	11.2

Remarks:

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

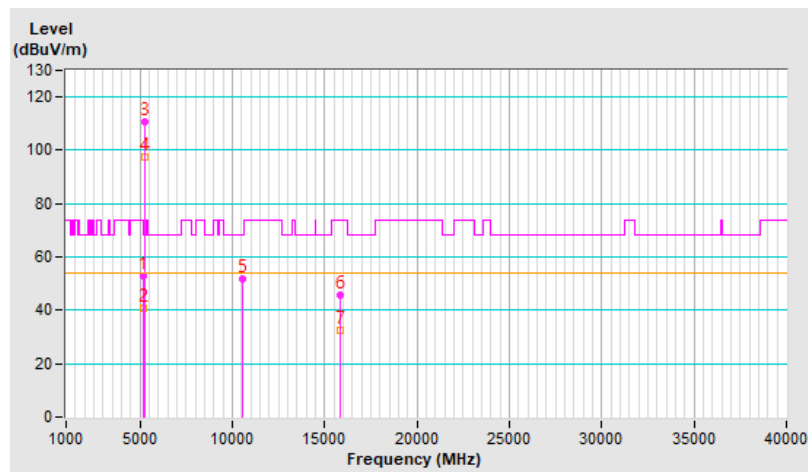


RF Mode	802.11ax (HE40)	Channel	CH 54 : 5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	53.1 PK	74.0	-20.9	1.24 H	149	49.7	3.4
2	5150.00	40.5 AV	54.0	-13.5	1.24 H	149	37.1	3.4
3	*5270.00	110.6 PK			1.24 H	149	108.0	2.6
4	*5270.00	97.5 AV			1.24 H	149	94.9	2.6
5	#10540.00	51.6 PK	68.2	-16.6	1.03 H	47	38.8	12.8
6	15810.00	45.5 PK	74.0	-28.5	1.21 H	123	33.6	11.9
7	15810.00	32.7 AV	54.0	-21.3	1.21 H	123	20.8	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.

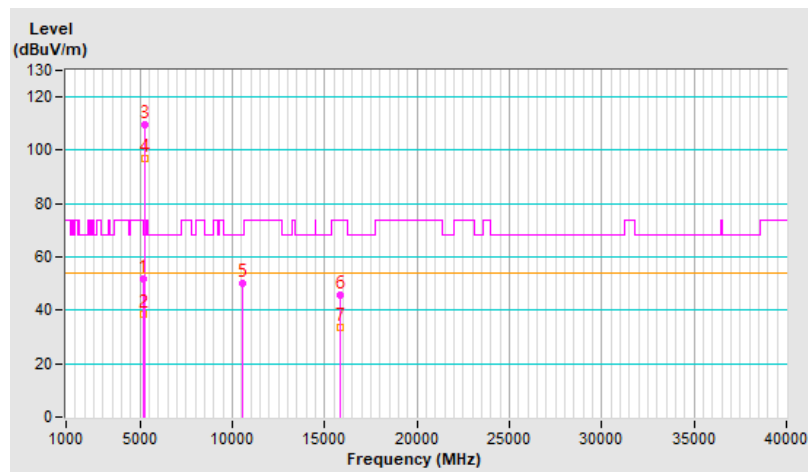


RF Mode	802.11ax (HE40)	Channel	CH 54 : 5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	51.8 PK	74.0	-22.2	3.34 V	64	48.4	3.4
2	5150.00	38.7 AV	54.0	-15.3	3.34 V	64	35.3	3.4
3	*5270.00	109.7 PK			3.34 V	64	107.1	2.6
4	*5270.00	96.9 AV			3.34 V	64	94.3	2.6
5	#10540.00	49.9 PK	68.2	-18.3	1.03 V	75	37.1	12.8
6	15810.00	45.8 PK	74.0	-28.2	1.49 V	354	33.9	11.9
7	15810.00	33.4 AV	54.0	-20.6	1.49 V	354	21.5	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.

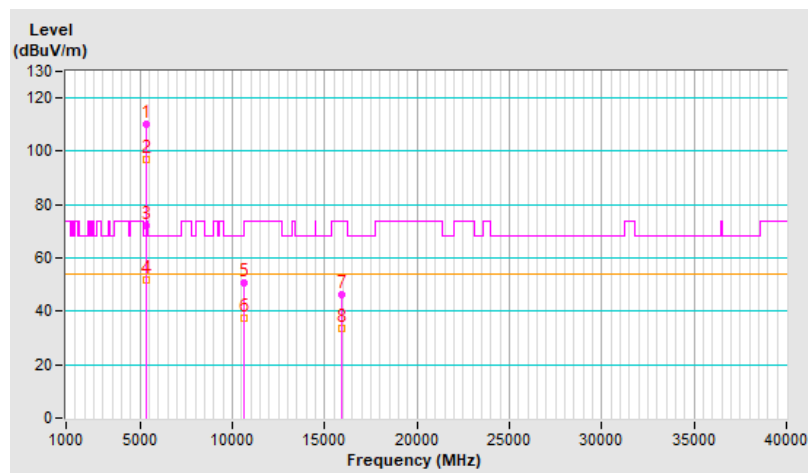


RF Mode	802.11ax (HE40)	Channel	CH 62 : 5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5310.00	110.3 PK			1.18 H	167	107.7	2.6
2	*5310.00	97.1 AV			1.18 H	167	94.5	2.6
3	5350.00	72.1 PK	74.0	-1.9	1.18 H	167	69.3	2.8
4	5350.00	51.8 AV	54.0	-2.2	1.18 H	167	49.0	2.8
5	10620.00	50.5 PK	74.0	-23.5	1.06 H	71	37.4	13.1
6	10620.00	37.4 AV	54.0	-16.6	1.06 H	71	24.3	13.1
7	15930.00	46.4 PK	74.0	-27.6	1.19 H	117	34.1	12.3
8	15930.00	33.7 AV	54.0	-20.3	1.19 H	117	21.4	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.

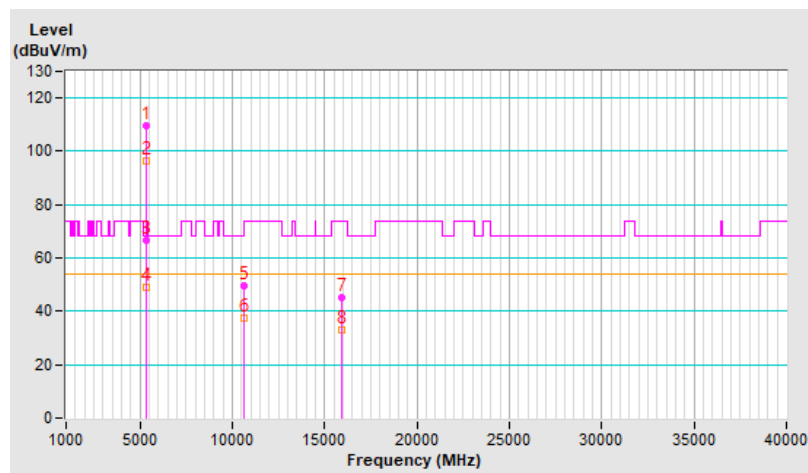


RF Mode	802.11ax (HE40)	Channel	CH 62 : 5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5310.00	109.4 PK			3.95 V	68	106.8	2.6
2	*5310.00	96.4 AV			3.95 V	68	93.8	2.6
3	5350.00	66.8 PK	74.0	-7.2	3.95 V	68	64.0	2.8
4	5350.00	48.8 AV	54.0	-5.2	3.95 V	68	46.0	2.8
5	10620.00	49.6 PK	74.0	-24.4	1.08 V	73	36.5	13.1
6	10620.00	37.4 AV	54.0	-16.6	1.08 V	73	24.3	13.1
7	15930.00	45.4 PK	74.0	-28.6	1.61 V	358	33.1	12.3
8	15930.00	33.1 AV	54.0	-20.9	1.61 V	358	20.8	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.

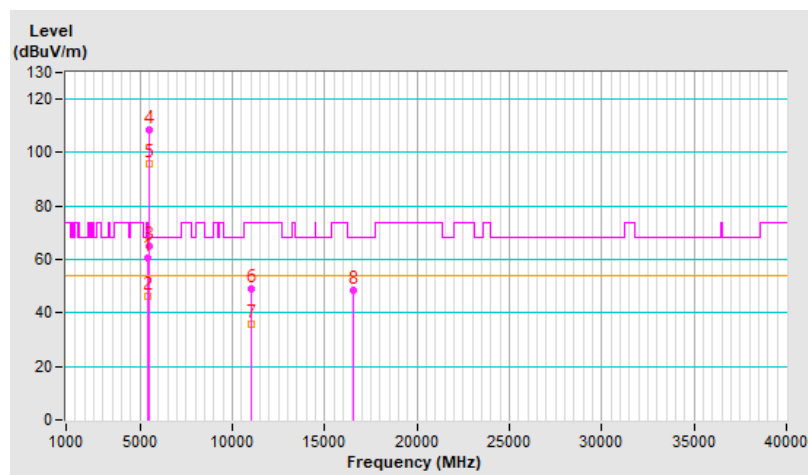


RF Mode	802.11ax (HE40)	Channel	CH 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	60.5 PK	74.0	-13.5	1.46 H	157	57.6	2.9
2	5460.00	46.0 AV	54.0	-8.0	1.46 H	157	43.1	2.9
3	#5470.00	64.9 PK	68.2	-3.3	1.46 H	157	62.0	2.9
4	*5510.00	108.3 PK			1.46 H	157	105.4	2.9
5	*5510.00	95.6 AV			1.46 H	157	92.7	2.9
6	11020.00	49.0 PK	74.0	-25.0	1.13 H	198	35.2	13.8
7	11020.00	35.8 AV	54.0	-18.2	1.13 H	198	22.0	13.8
8	#16530.00	48.5 PK	68.2	-19.7	1.46 H	360	33.8	14.7

Remarks:

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

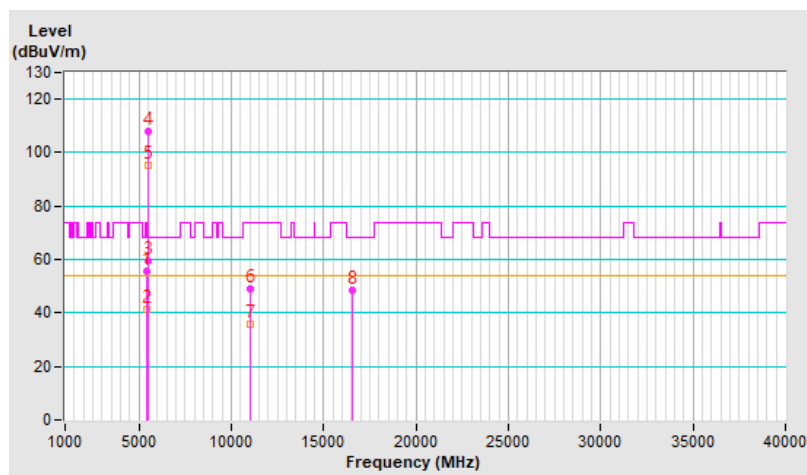


RF Mode	802.11ax (HE40)	Channel	CH 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	55.5 PK	74.0	-18.5	4.00 V	64	52.6	2.9
2	5460.00	41.3 AV	54.0	-12.7	4.00 V	64	38.4	2.9
3	#5470.00	59.6 PK	68.2	-8.6	4.00 V	64	56.7	2.9
4	*5510.00	107.9 PK			4.00 V	64	105.0	2.9
5	*5510.00	95.3 AV			4.00 V	64	92.4	2.9
6	11020.00	48.9 PK	74.0	-25.1	1.22 V	92	35.1	13.8
7	11020.00	35.8 AV	54.0	-18.2	1.22 V	92	22.0	13.8
8	#16530.00	48.3 PK	68.2	-19.9	1.49 V	360	33.6	14.7

Remarks:

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

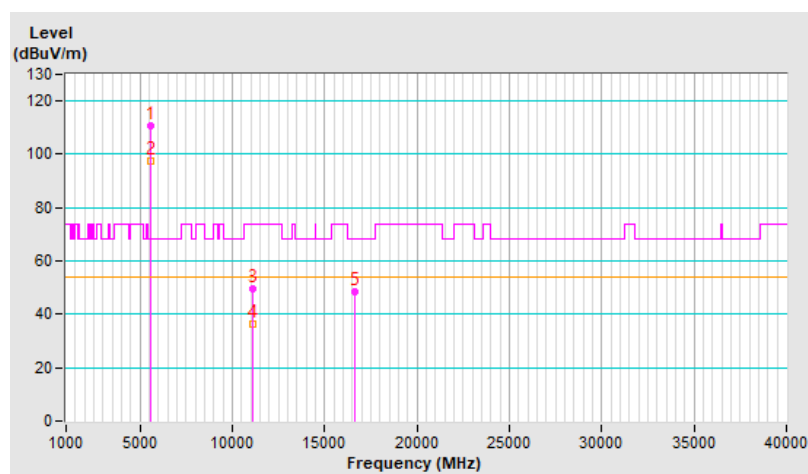


RF Mode	802.11ax (HE40)	Channel	CH 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5550.00	110.7 PK			1.25 H	158	107.8	2.9
2	*5550.00	97.7 AV			1.25 H	158	94.8	2.9
3	11100.00	49.7 PK	74.0	-24.3	1.11 H	198	36.0	13.7
4	11100.00	36.3 AV	54.0	-17.7	1.11 H	198	22.6	13.7
5	#16650.00	48.4 PK	68.2	-19.8	1.47 H	360	33.0	15.4

Remarks:

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

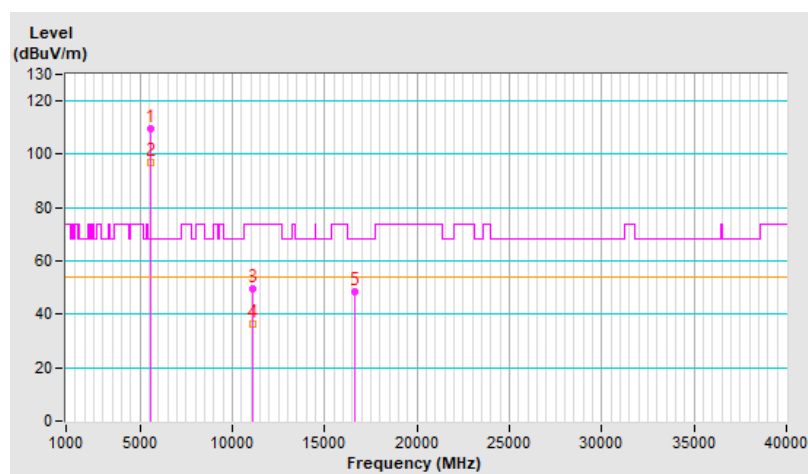


RF Mode	802.11ax (HE40)	Channel	CH 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5550.00	109.8 PK			3.87 V	75	106.9	2.9
2	*5550.00	97.1 AV			3.87 V	75	94.2	2.9
3	11100.00	49.4 PK	74.0	-24.6	1.21 V	105	35.7	13.7
4	11100.00	36.2 AV	54.0	-17.8	1.21 V	105	22.5	13.7
5	#16650.00	48.3 PK	68.2	-19.9	1.46 V	358	32.9	15.4

Remarks:

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

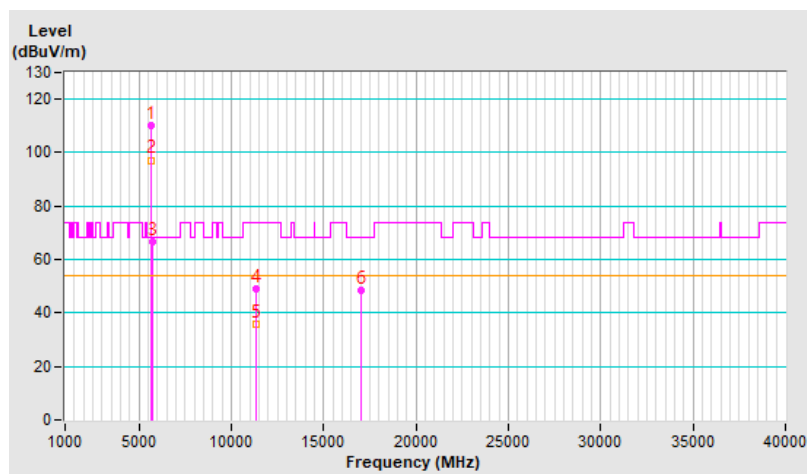


RF Mode	802.11ax (HE40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5670.00	110.4 PK			1.29 H	161	107.6	2.8
2	*5670.00	97.2 AV			1.29 H	161	94.4	2.8
3	#5725.00	66.4 PK	68.2	-1.8	1.29 H	161	63.5	2.9
4	11340.00	49.1 PK	74.0	-24.9	1.15 H	193	35.8	13.3
5	11340.00	35.9 AV	54.0	-18.1	1.15 H	193	22.6	13.3
6	#17010.00	48.5 PK	68.2	-19.7	1.51 H	353	31.6	16.9

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.

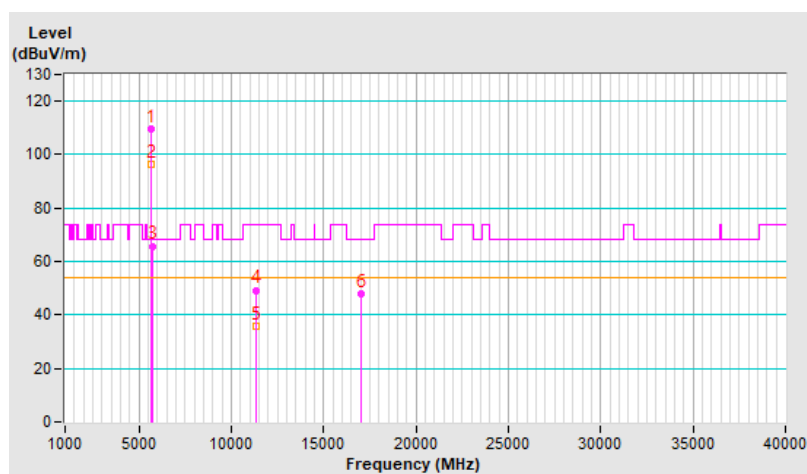


RF Mode	802.11ax (HE40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5670.00	109.6 PK			3.88 V	75	106.8	2.8
2	*5670.00	96.5 AV			3.88 V	75	93.7	2.8
3	#5725.00	65.8 PK	68.2	-2.4	3.88 V	75	62.9	2.9
4	11340.00	49.3 PK	74.0	-24.7	1.24 V	96	36.0	13.3
5	11340.00	35.9 AV	54.0	-18.1	1.24 V	96	22.6	13.3
6	#17010.00	48.0 PK	68.2	-20.2	1.53 V	355	31.1	16.9

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.

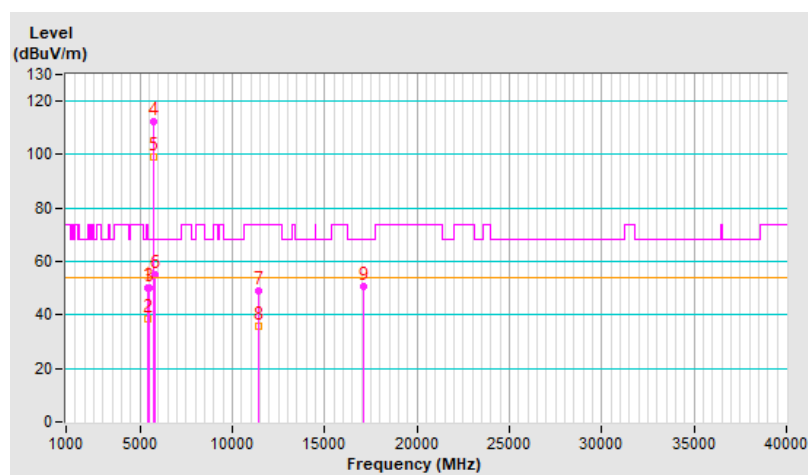


RF Mode	802.11ax (HE40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	50.4 PK	74.0	-23.6	1.04 H	165	47.5	2.9
2	5460.00	38.6 AV	54.0	-15.4	1.04 H	165	35.7	2.9
3	#5470.00	50.2 PK	68.2	-18.0	1.04 H	165	47.3	2.9
4	*5710.00	112.2 PK			1.04 H	165	109.3	2.9
5	*5710.00	99.3 AV			1.04 H	165	96.4	2.9
6	#5850.00	54.9 PK	68.2	-13.3	1.04 H	165	51.6	3.3
7	11420.00	48.9 PK	74.0	-25.1	1.29 H	65	35.6	13.3
8	11420.00	35.6 AV	54.0	-18.4	1.29 H	65	22.3	13.3
9	#17130.00	50.6 PK	68.2	-17.6	1.38 H	224	34.0	16.6

Remarks:

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

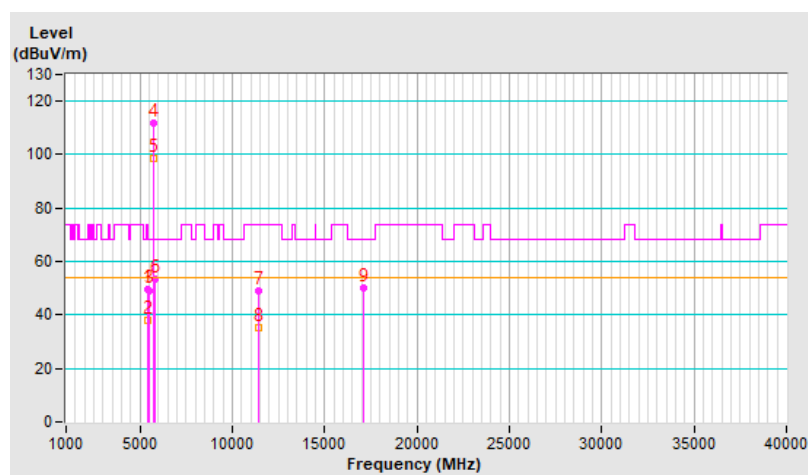


RF Mode	802.11ax (HE40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.5 PK	74.0	-24.5	3.86 V	74	46.6	2.9
2	5460.00	38.2 AV	54.0	-15.8	3.86 V	74	35.3	2.9
3	#5470.00	49.3 PK	68.2	-18.9	3.86 V	74	46.4	2.9
4	*5710.00	111.8 PK			3.86 V	74	108.9	2.9
5	*5710.00	98.6 AV			3.86 V	74	95.7	2.9
6	#5850.00	53.6 PK	68.2	-14.6	3.86 V	74	50.3	3.3
7	11420.00	49.0 PK	74.0	-25.0	1.42 V	118	35.7	13.3
8	11420.00	35.2 AV	54.0	-18.8	1.42 V	118	21.9	13.3
9	#17130.00	50.2 PK	68.2	-18.0	1.70 V	360	33.6	16.6

Remarks:

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

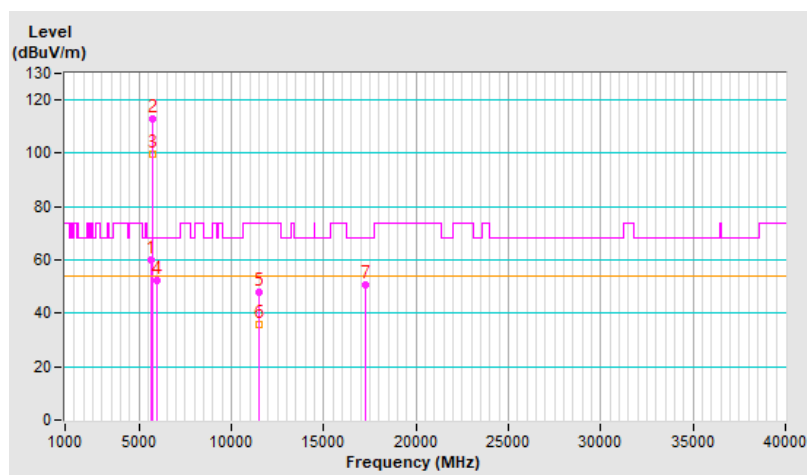


RF Mode	802.11ax (HE40)	Channel	CH 151 : 5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5647.50	59.9 PK	68.2	-8.3	3.61 H	158	57.2	2.7
2	*5755.00	112.7 PK			3.61 H	158	109.6	3.1
3	*5755.00	99.6 AV			3.61 H	158	96.5	3.1
4	#5957.70	52.3 PK	68.2	-15.9	3.61 H	158	49.1	3.2
5	11510.00	48.1 PK	74.0	-25.9	1.60 H	39	35.1	13.0
6	11510.00	35.6 AV	54.0	-18.4	1.60 H	39	22.6	13.0
7	#17265.00	50.9 PK	68.2	-17.3	1.87 H	360	33.4	17.5

Remarks:

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

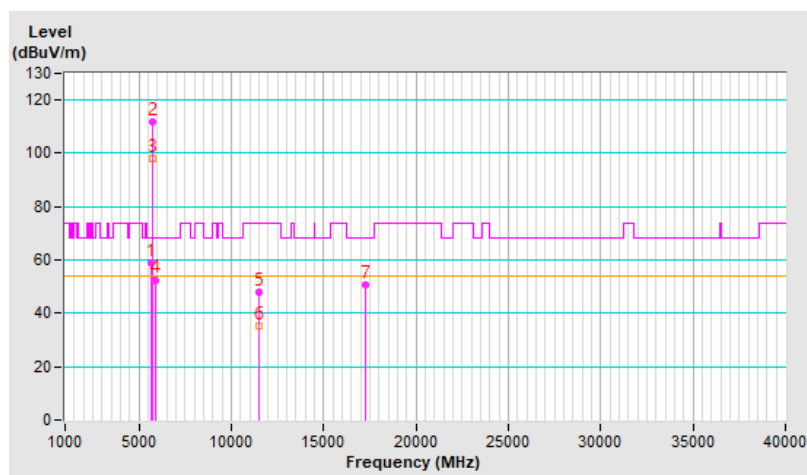


RF Mode	802.11ax (HE40)	Channel	CH 151 : 5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5644.10	59.1 PK	68.2	-9.1	2.74 V	162	56.4	2.7
2	*5755.00	111.9 PK			2.74 V	162	108.8	3.1
3	*5755.00	98.2 AV			2.74 V	162	95.1	3.1
4	#5931.10	52.6 PK	68.2	-15.6	2.74 V	162	49.4	3.2
5	11510.00	47.9 PK	74.0	-26.1	1.55 V	131	34.9	13.0
6	11510.00	35.3 AV	54.0	-18.7	1.55 V	131	22.3	13.0
7	#17265.00	50.8 PK	68.2	-17.4	1.73 V	360	33.3	17.5

Remarks:

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

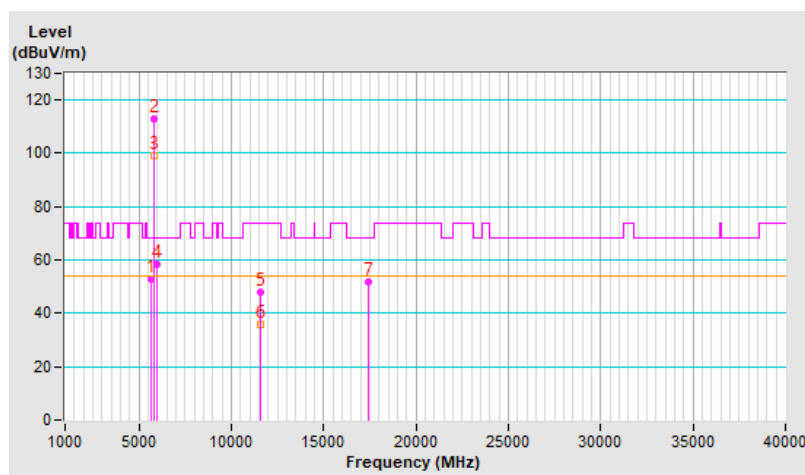


RF Mode	802.11ax (HE40)	Channel	CH 159 : 5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5642.30	52.8 PK	68.2	-15.4	1.08 H	156	50.1	2.7
2	*5795.00	113.1 PK			1.08 H	156	109.9	3.2
3	*5795.00	99.0 AV			1.08 H	156	95.8	3.2
4	#5941.00	58.3 PK	68.2	-9.9	1.08 H	156	55.1	3.2
5	11590.00	48.1 PK	74.0	-25.9	1.67 H	59	34.9	13.2
6	11590.00	35.9 AV	54.0	-18.1	1.67 H	59	22.7	13.2
7	#17385.00	51.6 PK	68.2	-16.6	1.94 H	345	32.7	18.9

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.

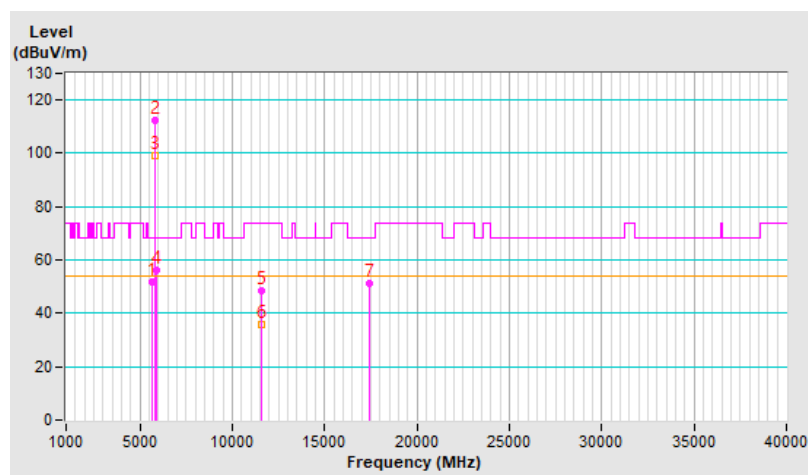


RF Mode	802.11ax (HE40)	Channel	CH 159 : 5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5641.30	51.8 PK	68.2	-16.4	3.87 V	53	49.1	2.7
2	*5795.00	112.1 PK			3.87 V	53	108.9	3.2
3	*5795.00	98.9 AV			3.87 V	53	95.7	3.2
4	#5923.30	56.0 PK	68.2	-12.2	3.87 V	53	52.8	3.2
5	11590.00	48.2 PK	74.0	-25.8	1.52 V	118	35.0	13.2
6	11590.00	35.7 AV	54.0	-18.3	1.52 V	118	22.5	13.2
7	#17385.00	51.0 PK	68.2	-17.2	1.72 V	360	32.1	18.9

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.

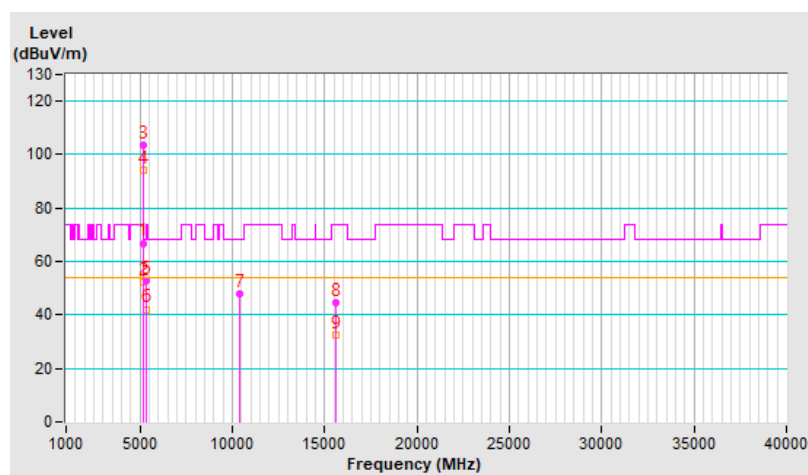


RF Mode	802.11ax (HE80)	Channel	CH 42 : 5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	66.9 PK	74.0	-7.1	1.24 H	165	63.5	3.4
2	5150.00	52.4 AV	54.0	-1.6	1.24 H	165	49.0	3.4
3	*5210.00	103.5 PK			1.24 H	165	100.5	3.0
4	*5210.00	94.1 AV			1.24 H	165	91.1	3.0
5	5350.00	52.8 PK	74.0	-21.2	1.24 H	165	50.0	2.8
6	5350.00	42.1 AV	54.0	-11.9	1.24 H	165	39.3	2.8
7	#10420.00	48.1 PK	68.2	-20.1	1.12 H	230	35.1	13.0
8	15630.00	44.6 PK	74.0	-29.4	1.41 H	224	33.7	10.9
9	15630.00	32.7 AV	54.0	-21.3	1.41 H	224	21.8	10.9

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.

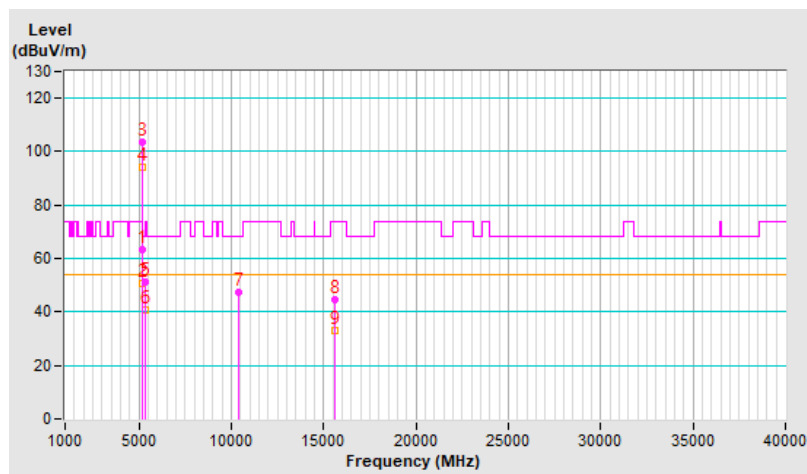


RF Mode	802.11ax (HE80)	Channel	CH 42 : 5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	63.5 PK	74.0	-10.5	3.26 V	54	60.1	3.4
2	5150.00	50.7 AV	54.0	-3.3	3.26 V	54	47.3	3.4
3	*5210.00	103.7 PK			3.26 V	54	100.7	3.0
4	*5210.00	94.3 AV			3.26 V	54	91.3	3.0
5	5350.00	51.1 PK	74.0	-22.9	3.26 V	54	48.3	2.8
6	5350.00	40.9 AV	54.0	-13.1	3.26 V	54	38.1	2.8
7	#10420.00	47.5 PK	68.2	-20.7	1.08 V	243	34.5	13.0
8	15630.00	44.8 PK	74.0	-29.2	1.36 V	220	33.9	10.9
9	15630.00	33.1 AV	54.0	-20.9	1.36 V	220	22.2	10.9

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.

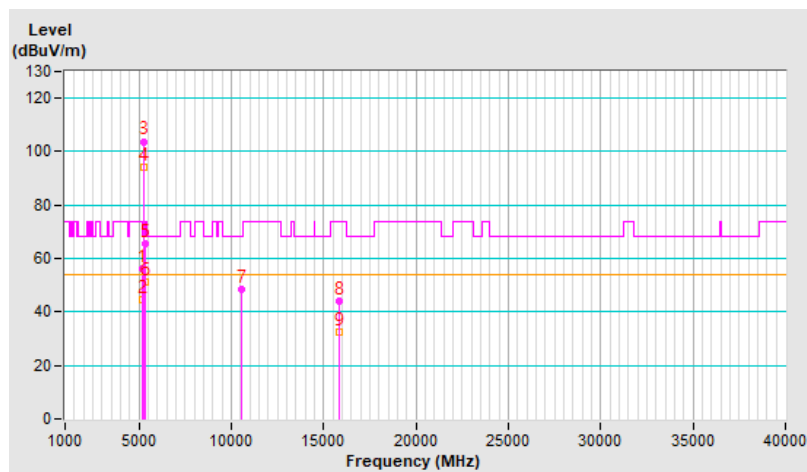


RF Mode	802.11ax (HE80)	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	56.0 PK	74.0	-18.0	1.07 H	163	52.6	3.4
2	5150.00	44.6 AV	54.0	-9.4	1.07 H	163	41.2	3.4
3	*5290.00	103.8 PK			1.07 H	163	101.4	2.4
4	*5290.00	94.3 AV			1.07 H	163	91.9	2.4
5	5350.00	65.7 PK	74.0	-8.3	1.07 H	163	62.9	2.8
6	5350.00	51.4 AV	54.0	-2.6	1.07 H	163	48.6	2.8
7	#10580.00	48.2 PK	68.2	-20.0	1.08 H	226	35.4	12.8
8	15870.00	44.3 PK	74.0	-29.7	1.41 H	228	32.3	12.0
9	15870.00	32.4 AV	54.0	-21.6	1.41 H	228	20.4	12.0

Remarks:

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

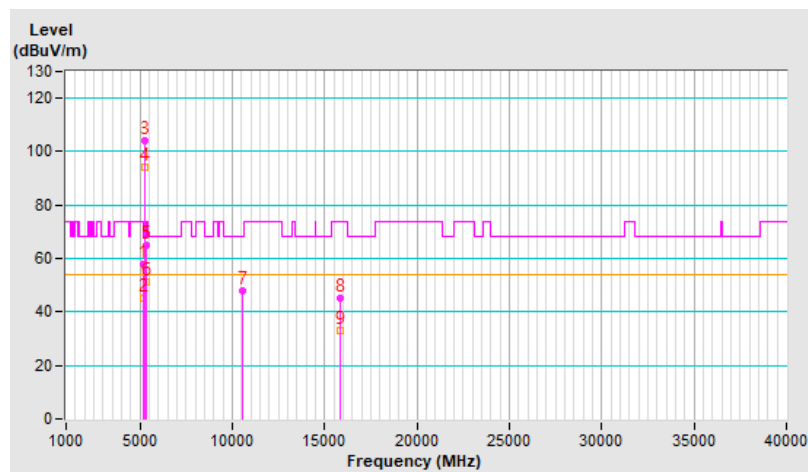


RF Mode	802.11ax (HE80)	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	57.9 PK	74.0	-16.1	4.00 V	70	54.5	3.4
2	5150.00	45.0 AV	54.0	-9.0	4.00 V	70	41.6	3.4
3	*5290.00	104.3 PK			4.00 V	70	101.9	2.4
4	*5290.00	94.3 AV			4.00 V	70	91.9	2.4
5	5350.00	64.8 PK	74.0	-9.2	4.00 V	70	62.0	2.8
6	5350.00	51.1 AV	54.0	-2.9	4.00 V	70	48.3	2.8
7	#10580.00	48.0 PK	68.2	-20.2	1.14 V	217	35.2	12.8
8	15870.00	45.2 PK	74.0	-28.8	1.40 V	229	33.2	12.0
9	15870.00	33.2 AV	54.0	-20.8	1.40 V	229	21.2	12.0

Remarks:

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

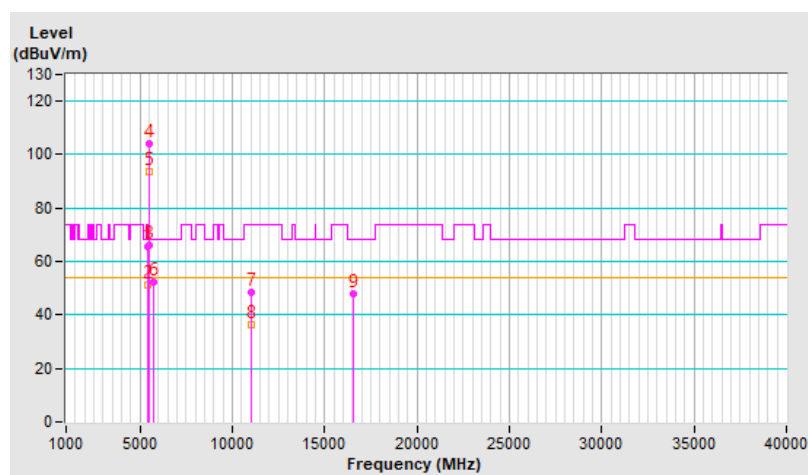


RF Mode	802.11ax (HE80)	Channel	CH 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	65.5 PK	74.0	-8.5	1.00 H	160	62.6	2.9
2	5460.00	51.4 AV	54.0	-2.6	1.00 H	160	48.5	2.9
3	#5470.00	66.3 PK	68.2	-1.9	1.00 H	160	63.4	2.9
4	*5530.00	104.1 PK			1.00 H	160	101.2	2.9
5	*5530.00	93.5 AV			1.00 H	160	90.6	2.9
6	#5725.00	52.5 PK	68.2	-15.7	1.00 H	160	49.6	2.9
7	11060.00	48.4 PK	74.0	-25.6	1.45 H	360	34.6	13.8
8	11060.00	36.1 AV	54.0	-17.9	1.45 H	360	22.3	13.8
9	#16590.00	48.1 PK	68.2	-20.1	1.54 H	203	33.3	14.8

Remarks:

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

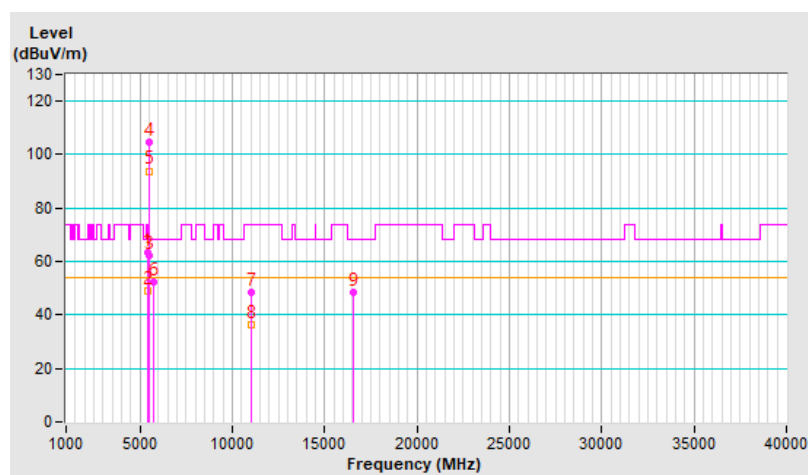


RF Mode	802.11ax (HE80)	Channel	CH 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	63.2 PK	74.0	-10.8	4.00 V	65	60.3	2.9
2	5460.00	48.8 AV	54.0	-5.2	4.00 V	65	45.9	2.9
3	#5470.00	62.2 PK	68.2	-6.0	4.00 V	65	59.3	2.9
4	*5530.00	104.5 PK			4.00 V	65	101.6	2.9
5	*5530.00	93.9 AV			4.00 V	65	91.0	2.9
6	#5725.00	52.2 PK	68.2	-16.0	4.00 V	65	49.3	2.9
7	11060.00	48.3 PK	74.0	-25.7	1.54 V	52	34.5	13.8
8	11060.00	36.2 AV	54.0	-17.8	1.54 V	52	22.4	13.8
9	#16590.00	48.2 PK	68.2	-20.0	1.78 V	159	33.4	14.8

Remarks:

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

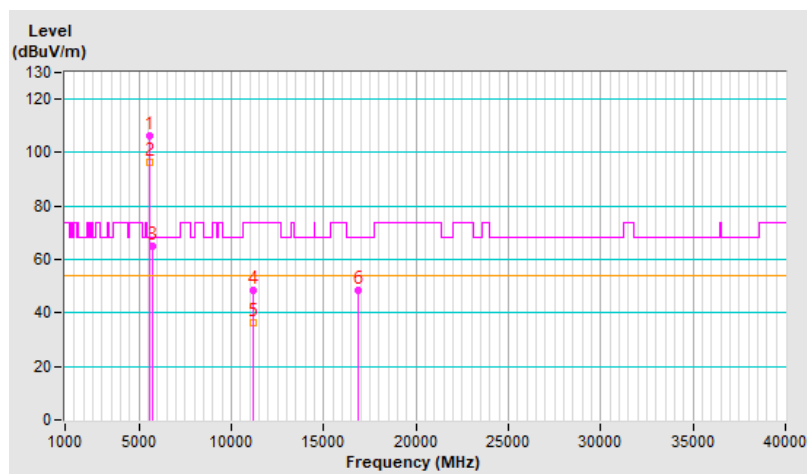


RF Mode	802.11ax (HE80)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5610.00	106.4 PK			1.02 H	163	103.7	2.7
2	*5610.00	96.3 AV			1.02 H	163	93.6	2.7
3	#5725.00	64.9 PK	68.2	-3.3	1.02 H	163	62.0	2.9
4	11220.00	48.7 PK	74.0	-25.3	1.45 H	360	35.8	12.9
5	11220.00	36.2 AV	54.0	-17.8	1.45 H	360	23.3	12.9
6	#16830.00	48.4 PK	68.2	-19.8	1.49 H	188	32.3	16.1

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.

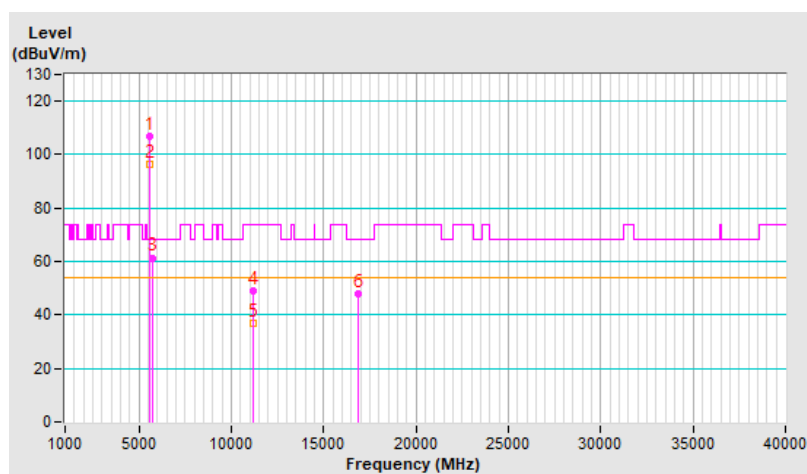


RF Mode	802.11ax (HE80)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	*5610.00	106.6 PK			3.87 V	75	103.9	2.7
2	*5610.00	96.4 AV			3.87 V	75	93.7	2.7
3	#5725.00	61.4 PK	68.2	-6.8	3.87 V	75	58.5	2.9
4	11220.00	48.8 PK	74.0	-25.2	1.58 V	58	35.9	12.9
5	11220.00	36.7 AV	54.0	-17.3	1.58 V	58	23.8	12.9
6	#16830.00	47.9 PK	68.2	-20.3	1.78 V	171	31.8	16.1

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.

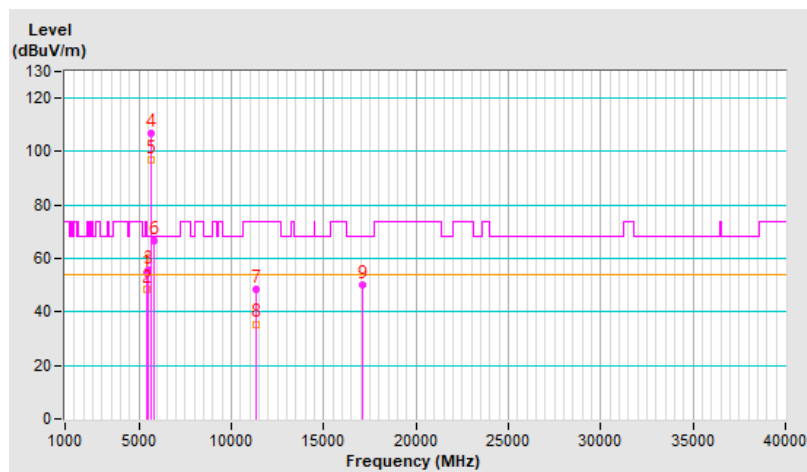


RF Mode	802.11ax (HE80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	54.5 PK	74.0	-19.5	2.54 H	154	51.6	2.9
2	5460.00	48.6 AV	54.0	-5.4	2.54 H	154	45.7	2.9
3	#5470.00	55.7 PK	68.2	-12.5	2.54 H	154	52.8	2.9
4	*5690.00	106.8 PK			2.54 H	154	104.0	2.8
5	*5690.00	97.0 AV			2.54 H	154	94.2	2.8
6	#5850.00	66.4 PK	68.2	-1.8	2.54 H	154	63.1	3.3
7	11380.00	48.2 PK	74.0	-25.8	1.86 H	249	34.9	13.3
8	11380.00	35.5 AV	54.0	-18.5	1.86 H	249	22.2	13.3
9	#17070.00	50.0 PK	68.2	-18.2	1.73 H	239	33.3	16.7

Remarks:

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

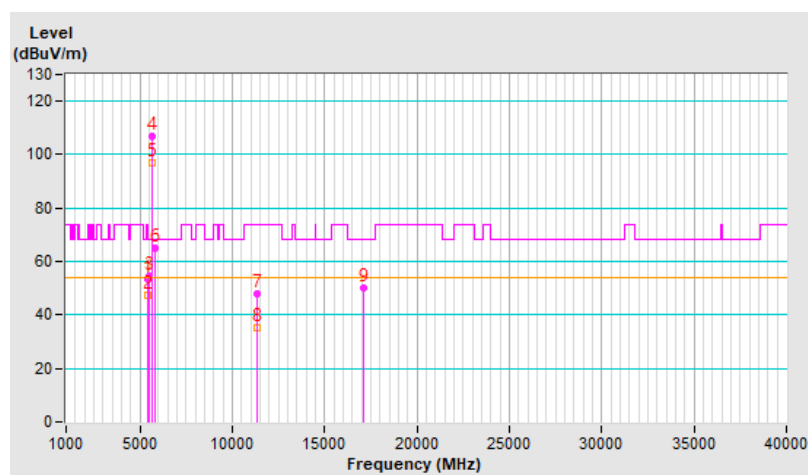


RF Mode	802.11ax (HE80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	53.2 PK	74.0	-20.8	3.88 V	76	50.3	2.9
2	5460.00	47.5 AV	54.0	-6.5	3.88 V	76	44.6	2.9
3	#5470.00	54.3 PK	68.2	-13.9	3.88 V	76	51.4	2.9
4	*5690.00	106.7 PK			3.88 V	76	103.9	2.8
5	*5690.00	96.8 AV			3.88 V	76	94.0	2.8
6	#5850.00	65.1 PK	68.2	-3.1	3.88 V	76	61.8	3.3
7	11380.00	47.8 PK	74.0	-26.2	1.89 V	235	34.5	13.3
8	11380.00	35.3 AV	54.0	-18.7	1.89 V	235	22.0	13.3
9	#17070.00	49.9 PK	68.2	-18.3	1.78 V	234	33.2	16.7

Remarks:

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

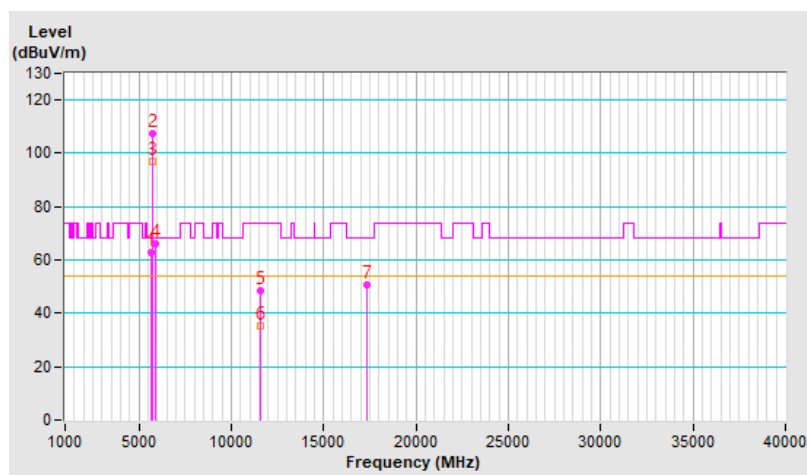


RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5650.90	62.8 PK	68.2	-5.4	1.00 H	167	60.1	2.7
2	*5775.00	107.4 PK			1.00 H	167	104.3	3.1
3	*5775.00	97.1 AV			1.00 H	167	94.0	3.1
4	#5930.00	65.9 PK	68.2	-2.3	1.00 H	167	62.7	3.2
5	11550.00	48.3 PK	74.0	-25.7	1.43 H	245	35.1	13.2
6	11550.00	35.4 AV	54.0	-18.6	1.43 H	245	22.2	13.2
7	#17325.00	50.9 PK	68.2	-17.3	3.07 H	360	32.8	18.1

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.

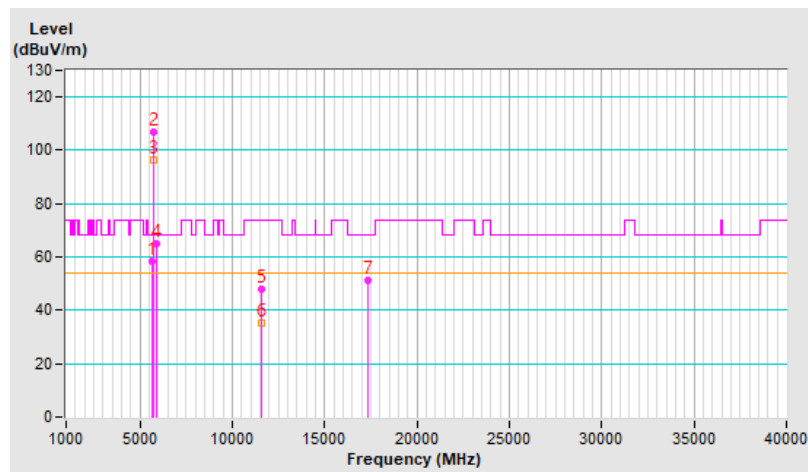


RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5635.60	58.4 PK	68.2	-9.8	3.93 V	65	55.7	2.7
2	*5775.00	107.0 PK			3.93 V	65	103.9	3.1
3	*5775.00	96.2 AV			3.93 V	65	93.1	3.1
4	#5929.80	65.1 PK	68.2	-3.1	3.93 V	65	61.9	3.2
5	11550.00	48.1 PK	74.0	-25.9	1.47 V	255	34.9	13.2
6	11550.00	35.2 AV	54.0	-18.8	1.47 V	255	22.0	13.2
7	#17325.00	51.0 PK	68.2	-17.2	3.12 V	360	32.9	18.1

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.

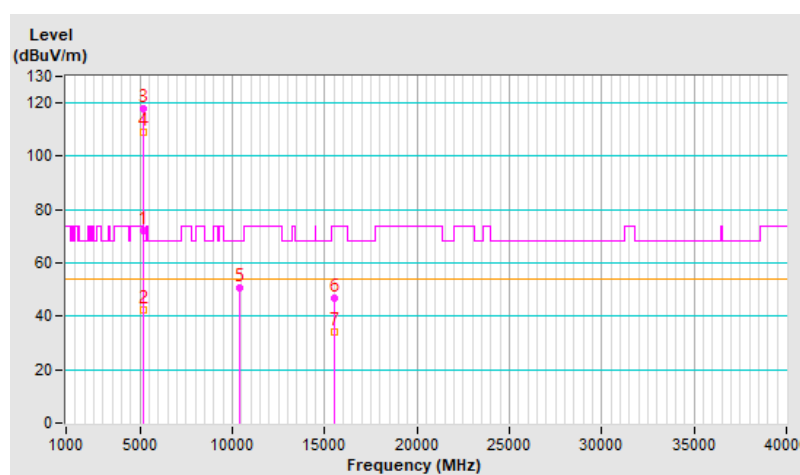


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	71.9 PK	74.0	-2.1	1.00 H	157	68.5	3.4
2	5150.00	42.3 AV	54.0	-11.7	1.00 H	157	38.9	3.4
3	*5180.00	118.1 PK			1.00 H	157	115.0	3.1
4	*5180.00	108.9 AV			1.00 H	157	105.8	3.1
5	#10360.00	50.9 PK	68.2	-17.3	1.07 H	136	38.1	12.8
6	15540.00	46.8 PK	74.0	-27.2	1.08 H	186	35.5	11.3
7	15540.00	34.1 AV	54.0	-19.9	1.08 H	186	22.8	11.3

Remarks:

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

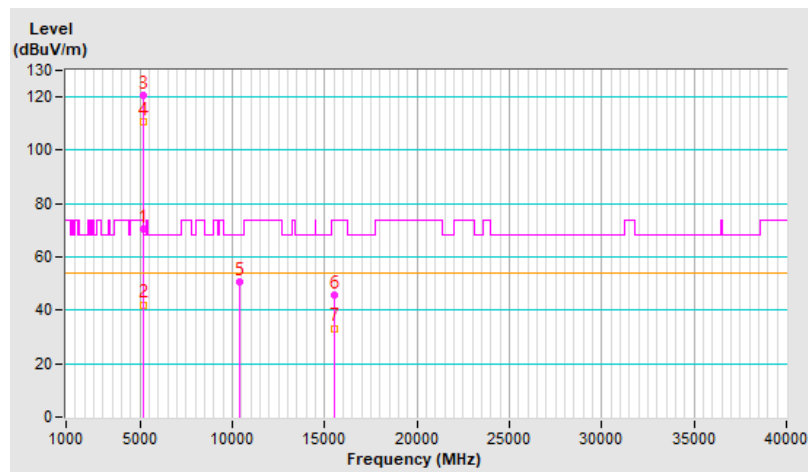


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	70.4 PK	74.0	-3.6	3.90 V	51	67.0	3.4
2	5150.00	42.1 AV	54.0	-11.9	3.90 V	51	38.7	3.4
3	*5180.00	120.6 PK			3.90 V	51	117.5	3.1
4	*5180.00	110.5 AV			3.90 V	51	107.4	3.1
5	#10360.00	50.6 PK	68.2	-17.6	1.04 V	69	37.8	12.8
6	15540.00	45.9 PK	74.0	-28.1	1.00 V	360	34.6	11.3
7	15540.00	33.3 AV	54.0	-20.7	1.00 V	360	22.0	11.3

Remarks:

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

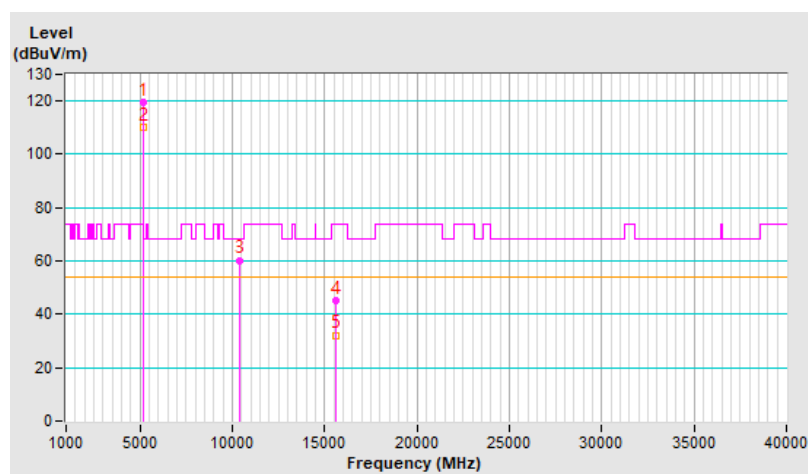


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	119.6 PK			1.16 H	165	116.6	3.0
2	*5200.00	110.1 AV			1.16 H	165	107.1	3.0
3	#10400.00	60.3 PK	68.2	-7.9	1.04 H	52	47.2	13.1
4	15600.00	45.1 PK	74.0	-28.9	1.78 H	360	34.4	10.7
5	15600.00	32.2 AV	54.0	-21.8	1.78 H	360	21.5	10.7

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.

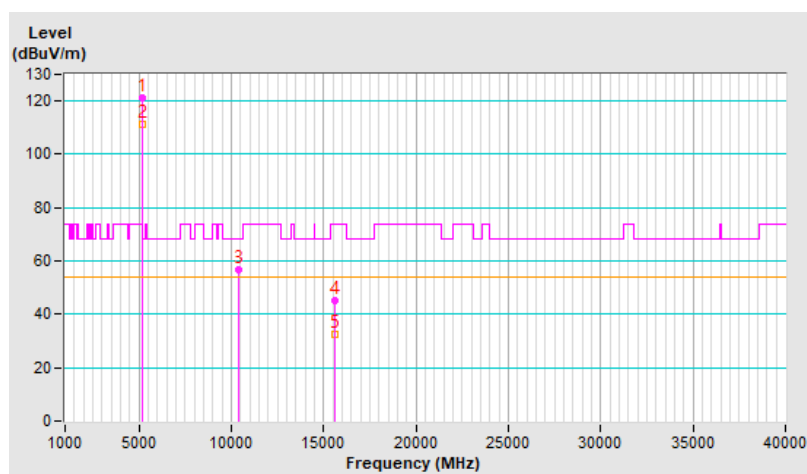


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	121.3 PK			3.76 V	53	118.3	3.0
2	*5200.00	111.4 AV			3.76 V	53	108.4	3.0
3	#10400.00	56.7 PK	68.2	-11.5	1.13 V	81	43.6	13.1
4	15600.00	45.2 PK	74.0	-28.8	1.17 V	354	34.5	10.7
5	15600.00	32.3 AV	54.0	-21.7	1.17 V	354	21.6	10.7

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.

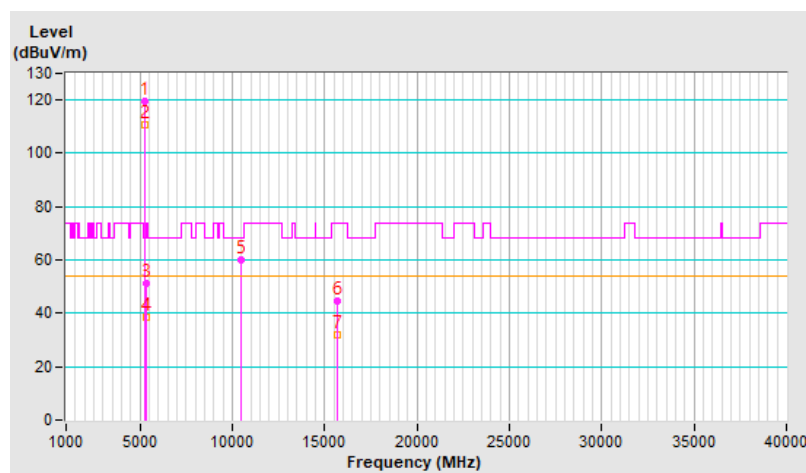


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	119.5 PK			1.14 H	167	116.8	2.7
2	*5240.00	110.8 AV			1.14 H	167	108.1	2.7
3	5350.00	51.4 PK	74.0	-22.6	1.14 H	167	48.6	2.8
4	5350.00	38.7 AV	54.0	-15.3	1.14 H	167	35.9	2.8
5	#10480.00	60.2 PK	68.2	-8.0	1.08 H	47	47.4	12.8
6	15720.00	44.6 PK	74.0	-29.4	1.82 H	360	33.2	11.4
7	15720.00	31.9 AV	54.0	-22.1	1.82 H	360	20.5	11.4

Remarks:

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

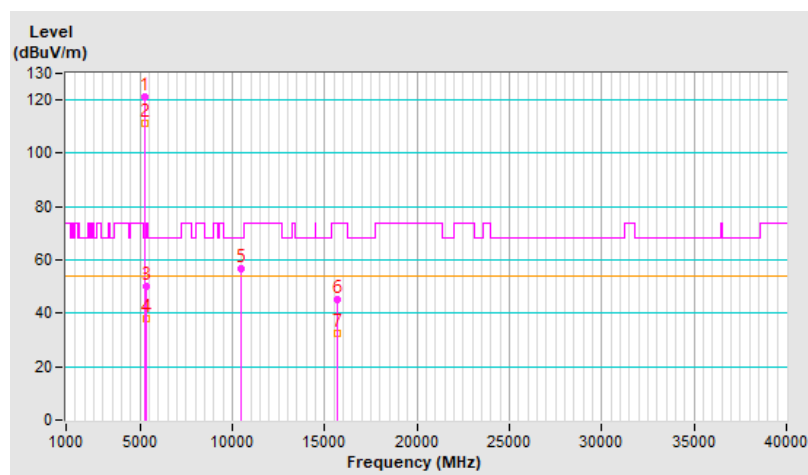


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	121.4 PK			3.77 V	56	118.7	2.7
2	*5240.00	111.2 AV			3.77 V	56	108.5	2.7
3	5350.00	50.3 PK	74.0	-23.7	3.77 V	56	47.5	2.8
4	5350.00	38.1 AV	54.0	-15.9	3.77 V	56	35.3	2.8
5	#10480.00	56.7 PK	68.2	-11.5	1.06 V	72	43.9	12.8
6	15720.00	45.1 PK	74.0	-28.9	1.13 V	355	33.7	11.4
7	15720.00	32.4 AV	54.0	-21.6	1.13 V	355	21.0	11.4

Remarks:

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

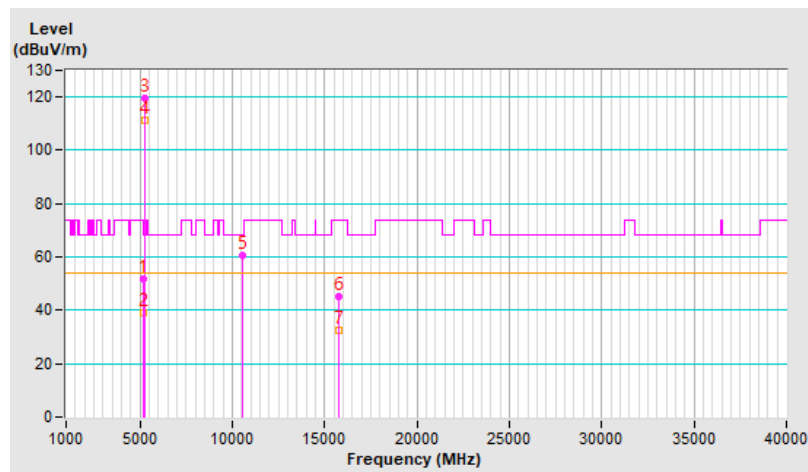


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	51.7 PK	74.0	-22.3	1.11 H	163	48.3	3.4
2	5150.00	39.1 AV	54.0	-14.9	1.11 H	163	35.7	3.4
3	*5260.00	119.7 PK			1.11 H	163	117.1	2.6
4	*5260.00	111.0 AV			1.11 H	163	108.4	2.6
5	#10520.00	60.4 PK	68.2	-7.8	1.06 H	48	47.8	12.6
6	15780.00	45.1 PK	74.0	-28.9	1.83 H	360	33.3	11.8
7	15780.00	32.3 AV	54.0	-21.7	1.83 H	360	20.5	11.8

Remarks:

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

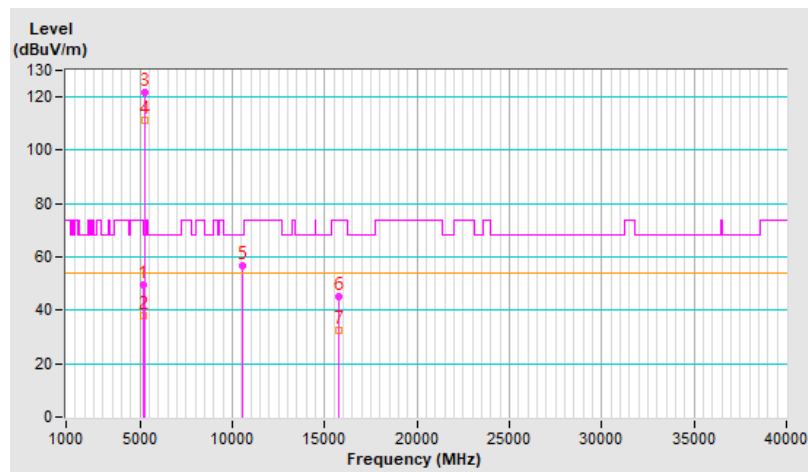


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.8 PK	74.0	-24.2	3.80 V	59	46.4	3.4
2	5150.00	37.8 AV	54.0	-16.2	3.80 V	59	34.4	3.4
3	*5260.00	121.6 PK			3.80 V	59	119.0	2.6
4	*5260.00	111.2 AV			3.80 V	59	108.6	2.6
5	#10520.00	56.5 PK	68.2	-11.7	1.21 V	63	43.9	12.6
6	15780.00	45.3 PK	74.0	-28.7	1.12 V	350	33.5	11.8
7	15780.00	32.6 AV	54.0	-21.4	1.12 V	350	20.8	11.8

Remarks:

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

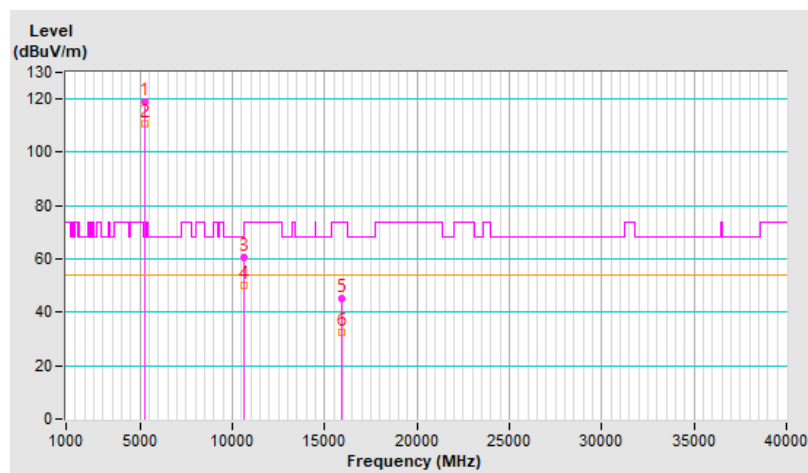


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	119.2 PK			1.16 H	160	116.8	2.4
2	*5300.00	110.7 AV			1.16 H	160	108.3	2.4
3	10600.00	60.6 PK	74.0	-13.4	1.05 H	48	47.7	12.9
4	10600.00	50.1 AV	54.0	-3.9	1.05 H	48	37.2	12.9
5	15900.00	45.1 PK	74.0	-28.9	1.85 H	360	33.0	12.1
6	15900.00	32.5 AV	54.0	-21.5	1.85 H	360	20.4	12.1

Remarks:

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

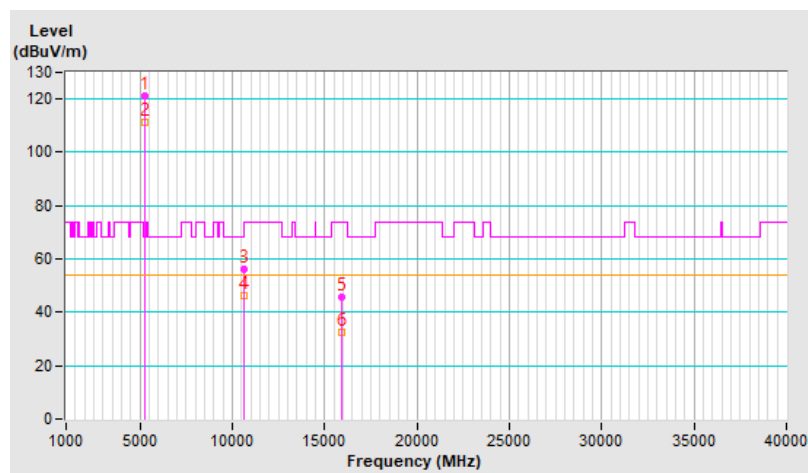


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	121.1 PK			3.76 V	52	118.7	2.4
2	*5300.00	111.0 AV			3.76 V	52	108.6	2.4
3	10600.00	56.2 PK	74.0	-17.8	1.35 V	71	43.3	12.9
4	10600.00	46.1 AV	54.0	-7.9	1.35 V	71	33.2	12.9
5	15900.00	45.5 PK	74.0	-28.5	1.09 V	357	33.4	12.1
6	15900.00	32.7 AV	54.0	-21.3	1.09 V	357	20.6	12.1

Remarks:

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

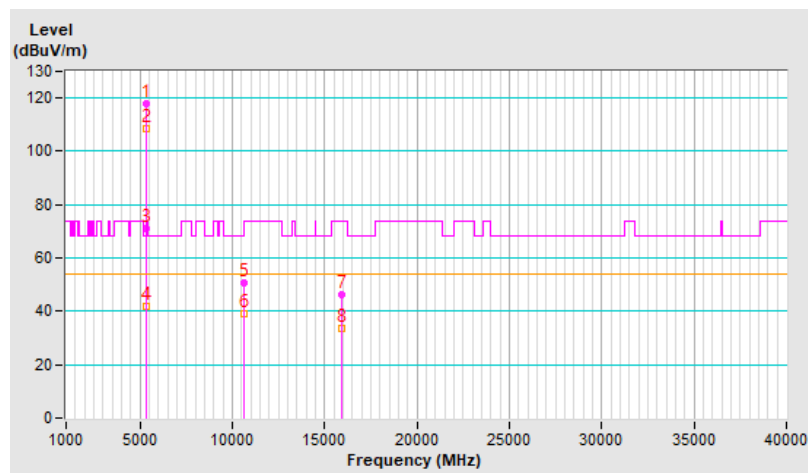


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	117.7 PK			1.04 H	162	115.1	2.6
2	*5320.00	108.4 AV			1.04 H	162	105.8	2.6
3	5350.00	71.0 PK	74.0	-3.0	1.04 H	162	68.2	2.8
4	5350.00	41.7 AV	54.0	-12.3	1.04 H	162	38.9	2.8
5	10640.00	50.9 PK	74.0	-23.1	1.02 H	150	37.8	13.1
6	10640.00	39.2 AV	54.0	-14.8	1.02 H	150	26.1	13.1
7	15960.00	46.4 PK	74.0	-27.6	1.03 H	202	34.0	12.4
8	15960.00	33.8 AV	54.0	-20.2	1.03 H	202	21.4	12.4

Remarks:

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

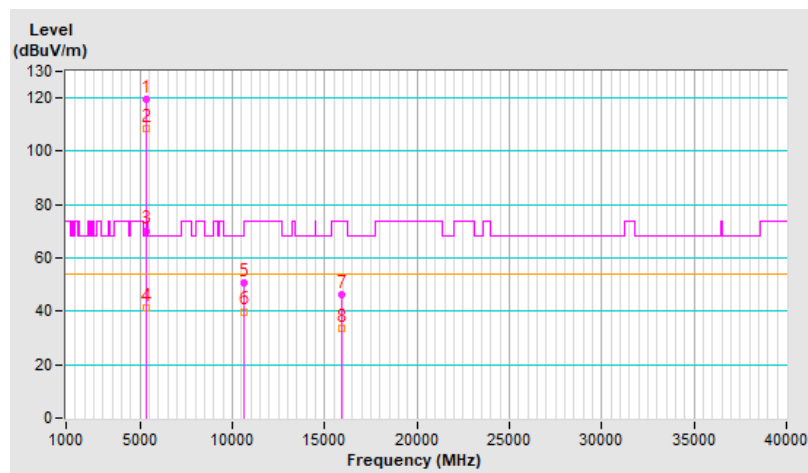


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	119.7 PK			4.00 V	54	117.1	2.6
2	*5320.00	108.7 AV			4.00 V	54	106.1	2.6
3	5350.00	70.2 PK	74.0	-3.8	4.00 V	54	67.4	2.8
4	5350.00	41.2 AV	54.0	-12.8	4.00 V	54	38.4	2.8
5	10640.00	50.6 PK	74.0	-23.4	1.04 V	53	37.5	13.1
6	10640.00	39.9 AV	54.0	-14.1	1.04 V	53	26.8	13.1
7	15960.00	46.5 PK	74.0	-27.5	1.02 V	360	34.1	12.4
8	15960.00	33.7 AV	54.0	-20.3	1.02 V	360	21.3	12.4

Remarks:

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

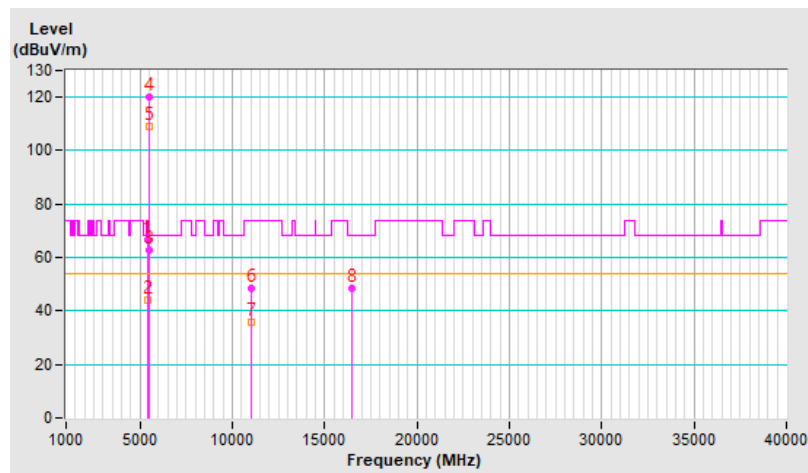


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	66.8 PK	74.0	-7.2	1.07 H	166	63.9	2.9
2	5460.00	44.2 AV	54.0	-9.8	1.07 H	166	41.3	2.9
3	#5470.00	63.0 PK	68.2	-5.2	1.07 H	166	60.1	2.9
4	*5500.00	120.1 PK			1.07 H	166	117.2	2.9
5	*5500.00	109.1 AV			1.07 H	166	106.2	2.9
6	11000.00	48.6 PK	74.0	-25.4	1.83 H	295	34.8	13.8
7	11000.00	35.7 AV	54.0	-18.3	1.83 H	295	21.9	13.8
8	#16500.00	48.6 PK	68.2	-19.6	1.25 H	192	33.9	14.7

Remarks:

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

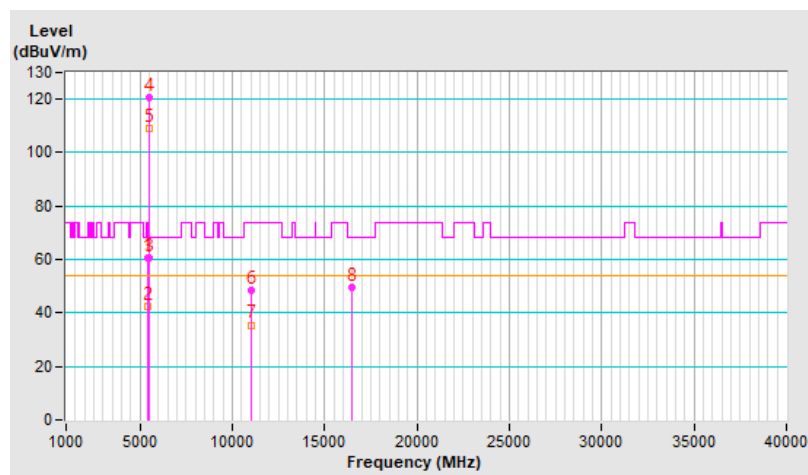


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	60.7 PK	74.0	-13.3	3.98 V	53	57.8	2.9
2	5460.00	42.4 AV	54.0	-11.6	3.98 V	53	39.5	2.9
3	#5470.00	60.5 PK	68.2	-7.7	3.98 V	53	57.6	2.9
4	*5500.00	120.6 PK			3.98 V	53	117.7	2.9
5	*5500.00	109.1 AV			3.98 V	53	106.2	2.9
6	11000.00	48.5 PK	74.0	-25.5	1.79 V	287	34.7	13.8
7	11000.00	35.5 AV	54.0	-18.5	1.79 V	287	21.7	13.8
8	#16500.00	49.7 PK	68.2	-18.5	1.17 V	204	35.0	14.7

Remarks:

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

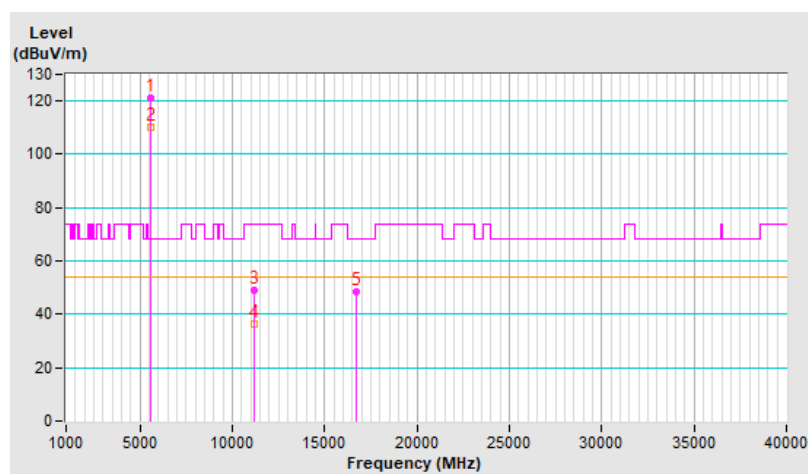


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	121.3 PK			1.08 H	176	118.6	2.7
2	*5580.00	110.3 AV			1.08 H	176	107.6	2.7
3	11160.00	49.1 PK	74.0	-24.9	1.78 H	290	35.9	13.2
4	11160.00	36.1 AV	54.0	-17.9	1.78 H	290	22.9	13.2
5	#16740.00	48.7 PK	68.2	-19.5	1.24 H	204	32.8	15.9

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.

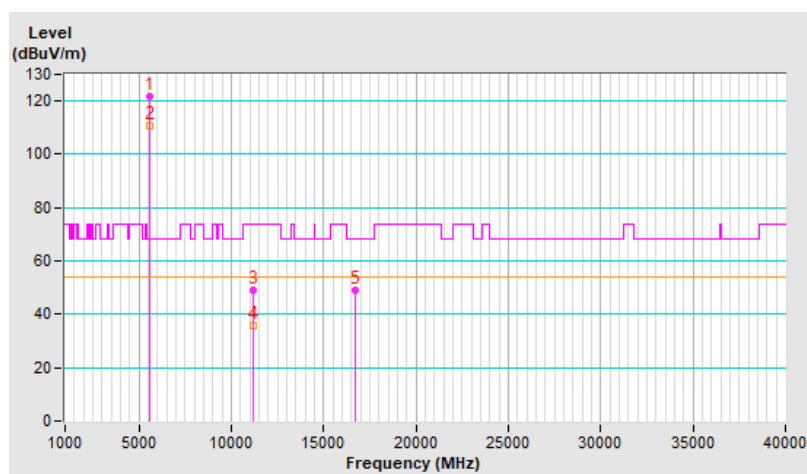


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	121.8 PK			3.96 V	56	119.1	2.7
2	*5580.00	110.9 AV			3.96 V	56	108.2	2.7
3	11160.00	48.9 PK	74.0	-25.1	1.74 V	289	35.7	13.2
4	11160.00	36.0 AV	54.0	-18.0	1.74 V	289	22.8	13.2
5	#16740.00	49.2 PK	68.2	-19.0	1.22 V	198	33.3	15.9

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.

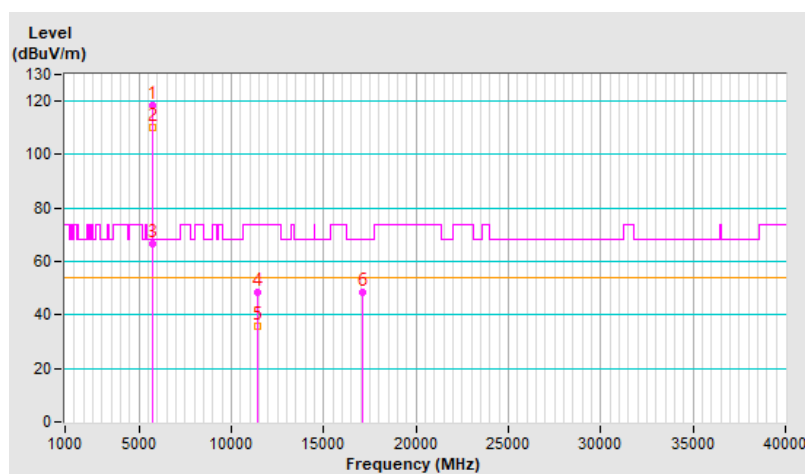


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	118.5 PK			1.10 H	169	115.6	2.9
2	*5700.00	110.4 AV			1.10 H	169	107.5	2.9
3	#5725.00	66.4 PK	68.2	-1.8	1.10 H	169	63.5	2.9
4	11400.00	48.4 PK	74.0	-25.6	1.83 H	305	35.1	13.3
5	11400.00	35.7 AV	54.0	-18.3	1.83 H	305	22.4	13.3
6	#17100.00	48.3 PK	68.2	-19.9	1.25 H	205	31.9	16.4

Remarks:

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

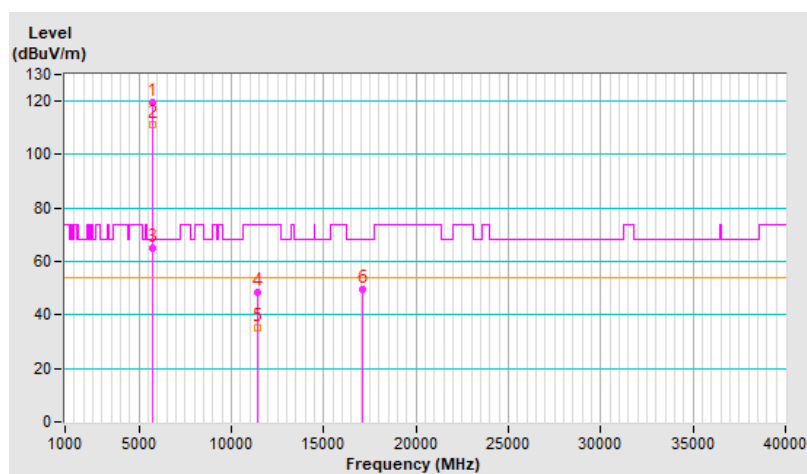


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	119.7 PK			3.79 V	64	116.8	2.9
2	*5700.00	111.2 AV			3.79 V	64	108.3	2.9
3	#5725.00	64.8 PK	68.2	-3.4	3.79 V	64	61.9	2.9
4	11400.00	48.3 PK	74.0	-25.7	1.78 V	303	35.0	13.3
5	11400.00	35.2 AV	54.0	-18.8	1.78 V	303	21.9	13.3
6	#17100.00	49.7 PK	68.2	-18.5	1.22 V	211	33.3	16.4

Remarks:

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

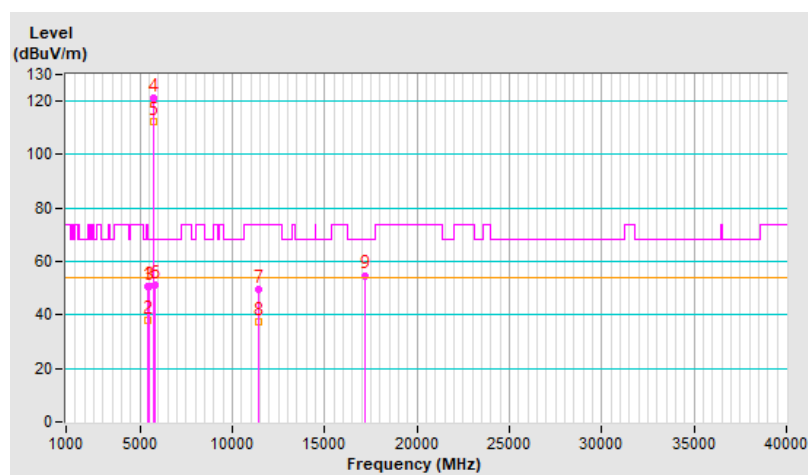


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	50.7 PK	74.0	-23.3	3.94 H	142	47.8	2.9
2	5460.00	38.2 AV	54.0	-15.8	3.94 H	142	35.3	2.9
3	#5470.00	50.8 PK	68.2	-17.4	3.94 H	142	47.9	2.9
4	*5720.00	121.3 PK			3.94 H	142	118.4	2.9
5	*5720.00	112.4 AV			3.94 H	142	109.5	2.9
6	#5850.00	51.4 PK	68.2	-16.8	3.94 H	142	48.1	3.3
7	11440.00	49.4 PK	74.0	-24.6	1.08 H	71	36.2	13.2
8	11440.00	37.4 AV	54.0	-16.6	1.08 H	71	24.2	13.2
9	#17160.00	54.8 PK	68.2	-13.4	1.18 H	109	38.0	16.8

Remarks:

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

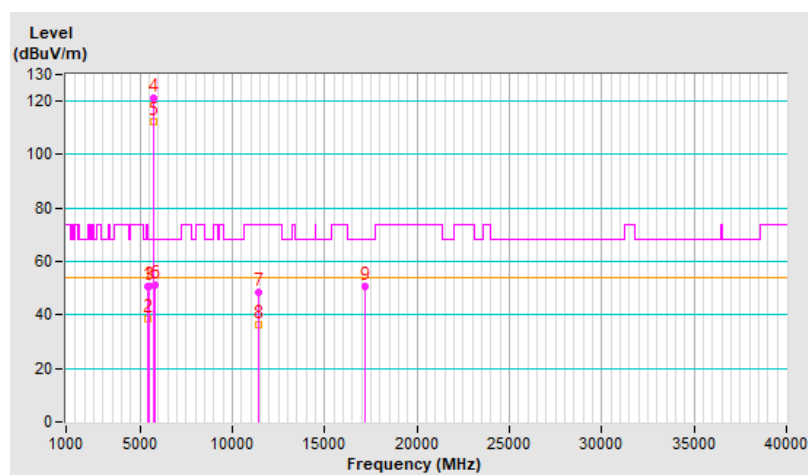


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	50.5 PK	74.0	-23.5	3.85 V	66	47.6	2.9
2	5460.00	38.3 AV	54.0	-15.7	3.85 V	66	35.4	2.9
3	#5470.00	50.6 PK	68.2	-17.6	3.85 V	66	47.7	2.9
4	*5720.00	121.2 PK			3.85 V	66	118.3	2.9
5	*5720.00	112.1 AV			3.85 V	66	109.2	2.9
6	#5850.00	51.2 PK	68.2	-17.0	3.85 V	66	47.9	3.3
7	11440.00	48.7 PK	74.0	-25.3	1.03 V	100	35.5	13.2
8	11440.00	36.5 AV	54.0	-17.5	1.03 V	100	23.3	13.2
9	#17160.00	50.7 PK	68.2	-17.5	1.29 V	262	33.9	16.8

Remarks:

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

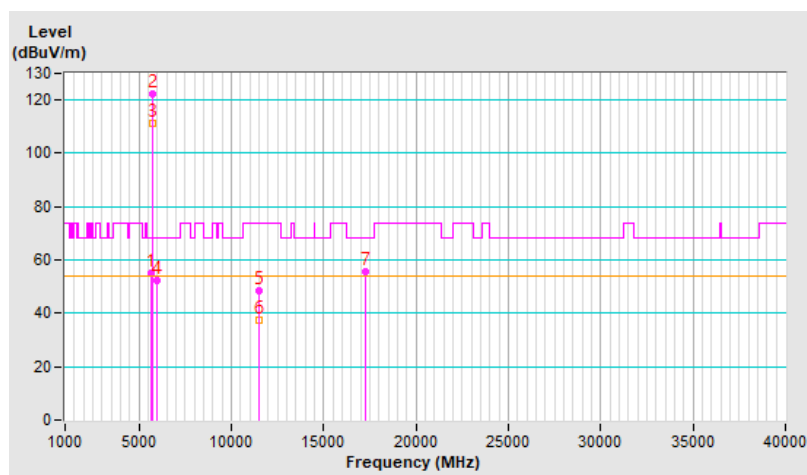


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5640.60	55.3 PK	68.2	-12.9	1.21 H	163	52.6	2.7
2	*5745.00	122.1 PK			1.21 H	163	119.1	3.0
3	*5745.00	111.1 AV			1.21 H	163	108.1	3.0
4	#5947.90	52.5 PK	68.2	-15.7	1.21 H	163	49.3	3.2
5	11490.00	48.3 PK	74.0	-25.7	1.22 H	34	35.3	13.0
6	11490.00	37.4 AV	54.0	-16.6	1.22 H	34	24.4	13.0
7	#17235.00	55.8 PK	68.2	-12.4	1.06 H	115	38.5	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.

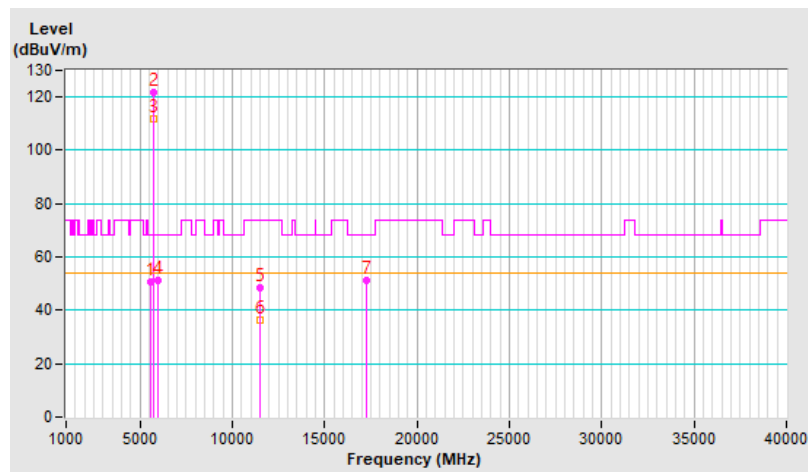


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5600.10	50.5 PK	68.2	-17.7	3.34 V	71	47.8	2.7
2	*5745.00	121.5 PK			3.34 V	71	118.5	3.0
3	*5745.00	111.6 AV			3.34 V	71	108.6	3.0
4	#5969.50	51.0 PK	68.2	-17.2	3.34 V	71	47.8	3.2
5	11490.00	48.2 PK	74.0	-25.8	1.13 V	92	35.2	13.0
6	11490.00	36.1 AV	54.0	-17.9	1.13 V	92	23.1	13.0
7	#17235.00	51.2 PK	68.2	-17.0	1.22 V	360	33.9	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.

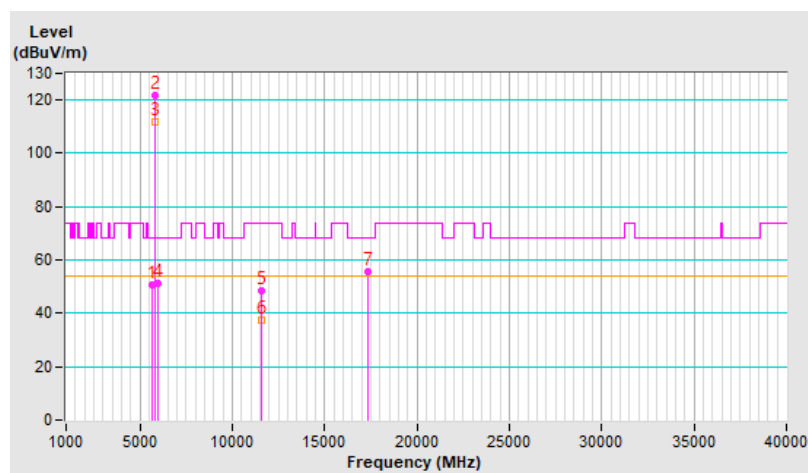


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5638.90	50.6 PK	68.2	-17.6	2.85 H	147	47.9	2.7
2	*5785.00	121.9 PK			2.85 H	147	118.7	3.2
3	*5785.00	111.6 AV			2.85 H	147	108.4	3.2
4	#5972.50	51.2 PK	68.2	-17.0	2.85 H	147	47.9	3.3
5	11570.00	48.2 PK	74.0	-25.8	1.19 H	26	35.0	13.2
6	11570.00	37.2 AV	54.0	-16.8	1.19 H	26	24.0	13.2
7	#17355.00	55.8 PK	68.2	-12.4	1.01 H	120	37.3	18.5

Remarks:

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

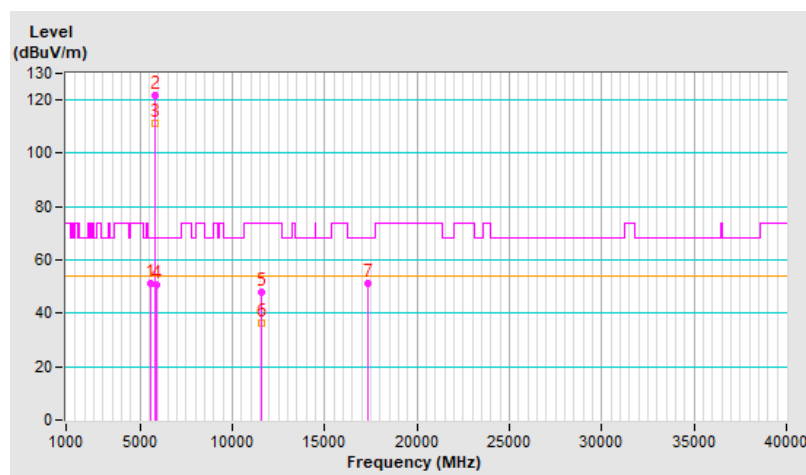


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5596.00	51.4 PK	68.2	-16.8	4.00 V	70	48.7	2.7
2	*5785.00	121.7 PK			4.00 V	70	118.5	3.2
3	*5785.00	111.5 AV			4.00 V	70	108.3	3.2
4	#5930.50	50.8 PK	68.2	-17.4	4.00 V	70	47.6	3.2
5	11570.00	48.1 PK	74.0	-25.9	1.17 V	97	34.9	13.2
6	11570.00	36.2 AV	54.0	-17.8	1.17 V	97	23.0	13.2
7	#17355.00	51.4 PK	68.2	-16.8	1.18 V	360	32.9	18.5

Remarks:

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

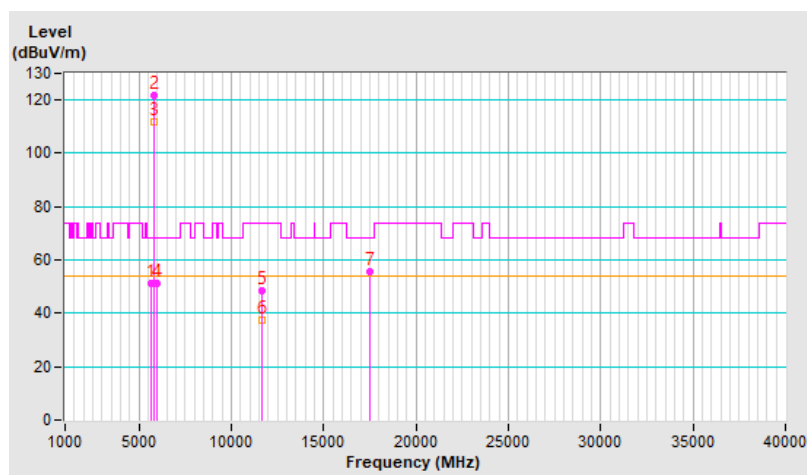


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5631.10	51.0 PK	68.2	-17.2	1.27 H	152	48.3	2.7
2	*5825.00	121.8 PK			1.27 H	152	118.5	3.3
3	*5825.00	111.6 AV			1.27 H	152	108.3	3.3
4	#5971.90	51.4 PK	68.2	-16.8	1.27 H	152	48.1	3.3
5	11650.00	48.2 PK	74.0	-25.8	1.17 H	44	35.1	13.1
6	11650.00	37.2 AV	54.0	-16.8	1.17 H	44	24.1	13.1
7	#17475.00	55.7 PK	68.2	-12.5	1.05 H	109	35.6	20.1

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.

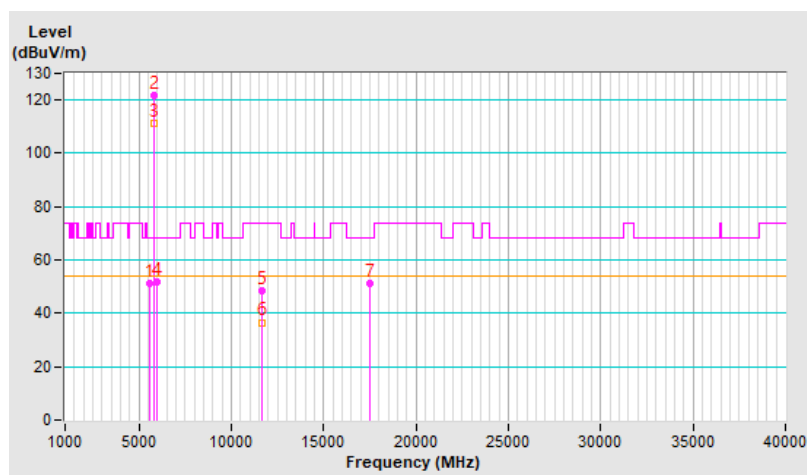


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5597.60	51.3 PK	68.2	-16.9	3.87 V	69	48.6	2.7
2	*5825.00	121.5 PK			3.87 V	69	118.2	3.3
3	*5825.00	111.4 AV			3.87 V	69	108.1	3.3
4	#5950.20	51.6 PK	68.2	-16.6	3.87 V	69	48.4	3.2
5	11650.00	48.4 PK	74.0	-25.6	1.10 V	94	35.3	13.1
6	11650.00	36.6 AV	54.0	-17.4	1.10 V	94	23.5	13.1
7	#17475.00	51.2 PK	68.2	-17.0	1.21 V	360	31.1	20.1

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.

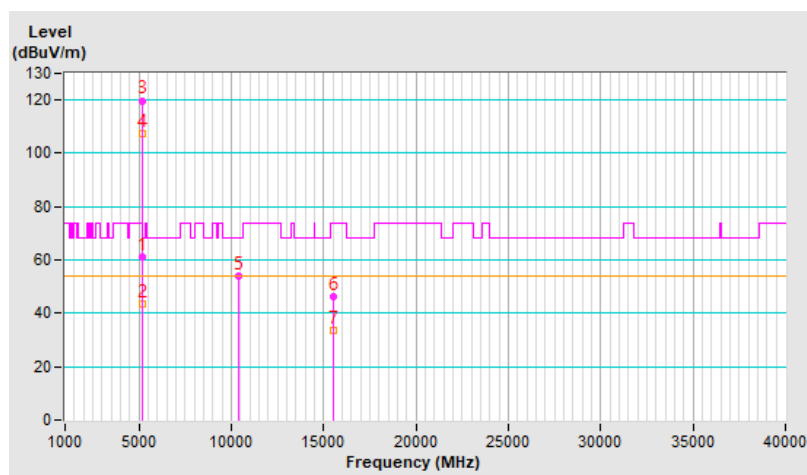


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	61.0 PK	74.0	-13.0	1.01 H	156	57.6	3.4
2	5150.00	43.5 AV	54.0	-10.5	1.01 H	156	40.1	3.4
3	*5180.00	119.8 PK			1.01 H	156	116.7	3.1
4	*5180.00	107.3 AV			1.01 H	156	104.2	3.1
5	#10360.00	53.8 PK	68.2	-14.4	1.13 H	44	41.0	12.8
6	15540.00	46.4 PK	74.0	-27.6	1.12 H	138	35.1	11.3
7	15540.00	33.4 AV	54.0	-20.6	1.12 H	138	22.1	11.3

Remarks:

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

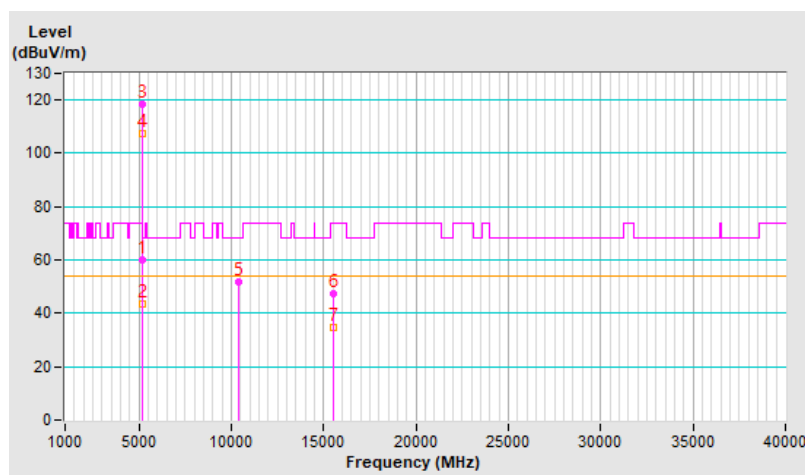


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	59.9 PK	74.0	-14.1	3.83 V	55	56.5	3.4
2	5150.00	43.4 AV	54.0	-10.6	3.83 V	55	40.0	3.4
3	*5180.00	118.2 PK			3.83 V	55	115.1	3.1
4	*5180.00	107.2 AV			3.83 V	55	104.1	3.1
5	#10360.00	51.7 PK	68.2	-16.5	1.12 V	75	38.9	12.8
6	15540.00	47.1 PK	74.0	-26.9	1.08 V	107	35.8	11.3
7	15540.00	34.8 AV	54.0	-19.2	1.08 V	107	23.5	11.3

Remarks:

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

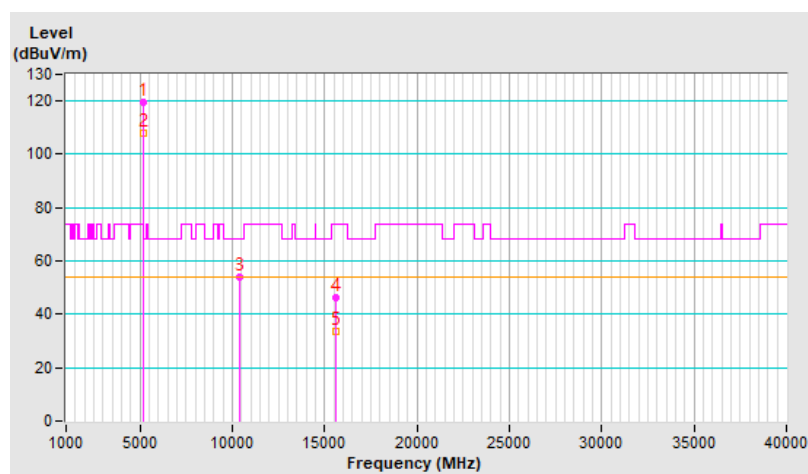


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	119.3 PK			1.07 H	153	116.3	3.0
2	*5200.00	107.9 AV			1.07 H	153	104.9	3.0
3	#10400.00	53.9 PK	68.2	-14.3	1.21 H	61	40.8	13.1
4	15600.00	46.4 PK	74.0	-27.6	1.13 H	148	35.7	10.7
5	15600.00	33.8 AV	54.0	-20.2	1.13 H	148	23.1	10.7

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.

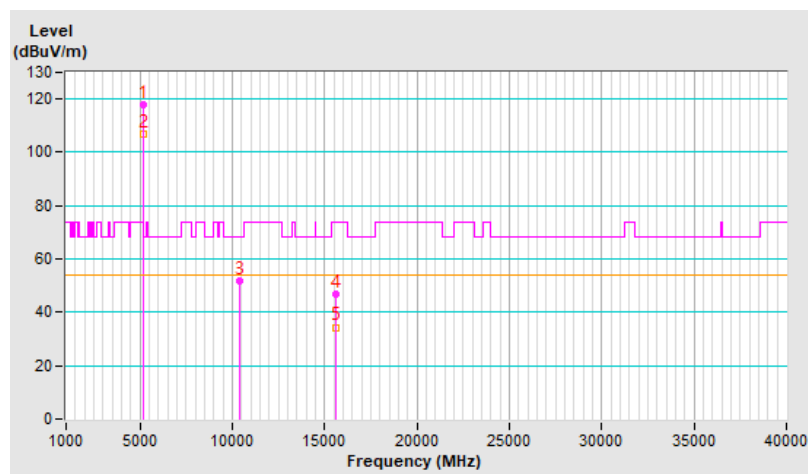


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	117.8 PK			3.84 V	54	114.8	3.0
2	*5200.00	106.9 AV			3.84 V	54	103.9	3.0
3	#10400.00	51.6 PK	68.2	-16.6	1.18 V	79	38.5	13.1
4	15600.00	46.8 PK	74.0	-27.2	1.16 V	125	36.1	10.7
5	15600.00	34.4 AV	54.0	-19.6	1.16 V	125	23.7	10.7

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.

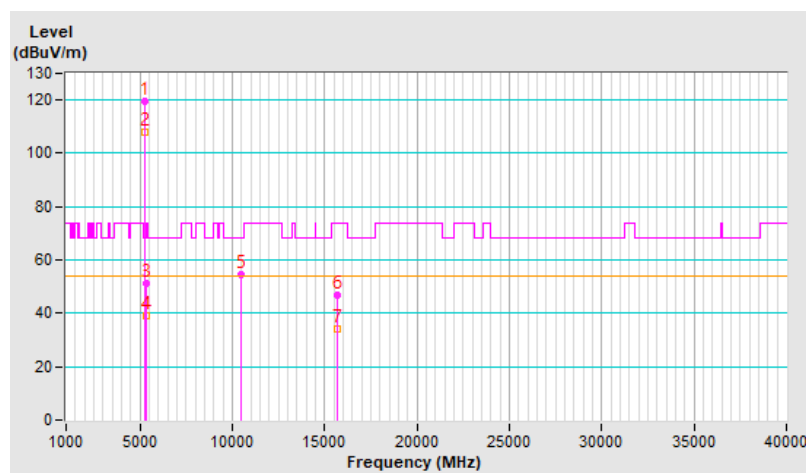


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	119.7 PK			1.05 H	158	117.0	2.7
2	*5240.00	107.8 AV			1.05 H	158	105.1	2.7
3	5350.00	51.4 PK	74.0	-22.6	1.05 H	158	48.6	2.8
4	5350.00	39.1 AV	54.0	-14.9	1.05 H	158	36.3	2.8
5	#10480.00	54.6 PK	68.2	-13.6	1.15 H	56	41.8	12.8
6	15720.00	46.8 PK	74.0	-27.2	1.14 H	147	35.4	11.4
7	15720.00	34.2 AV	54.0	-19.8	1.14 H	147	22.8	11.4

Remarks:

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

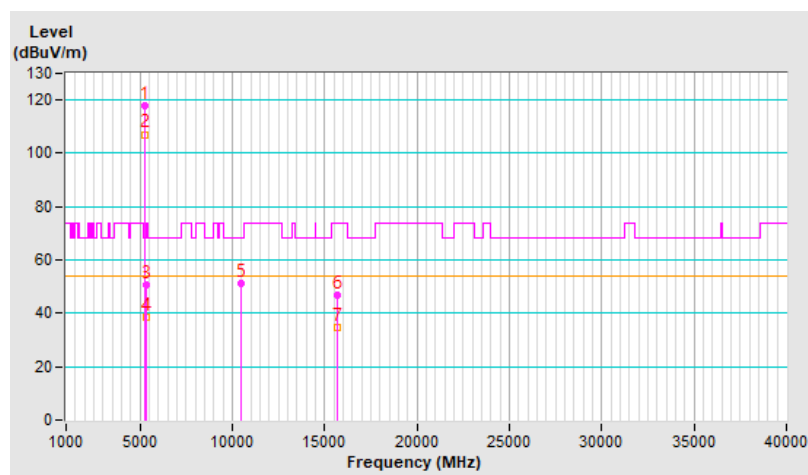


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	117.9 PK			3.85 V	52	115.2	2.7
2	*5240.00	107.1 AV			3.85 V	52	104.4	2.7
3	5350.00	50.6 PK	74.0	-23.4	3.85 V	52	47.8	2.8
4	5350.00	38.7 AV	54.0	-15.3	3.85 V	52	35.9	2.8
5	#10480.00	51.3 PK	68.2	-16.9	1.21 V	79	38.5	12.8
6	15720.00	46.8 PK	74.0	-27.2	1.12 V	126	35.4	11.4
7	15720.00	34.5 AV	54.0	-19.5	1.12 V	126	23.1	11.4

Remarks:

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

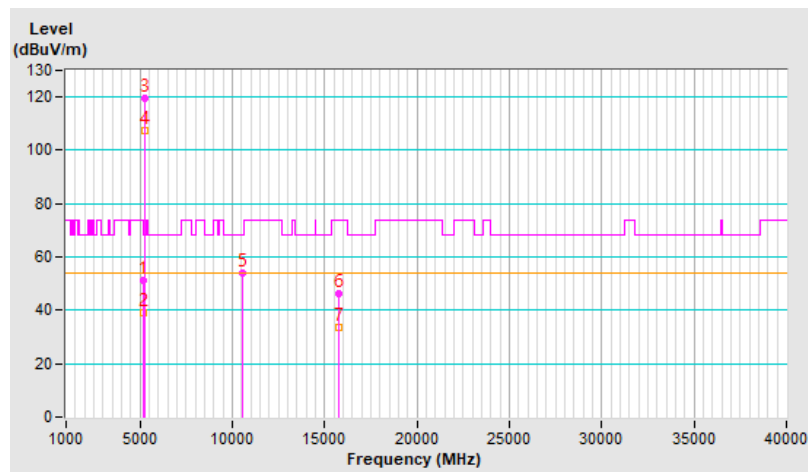


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	51.3 PK	74.0	-22.7	1.10 H	162	47.9	3.4
2	5150.00	39.3 AV	54.0	-14.7	1.10 H	162	35.9	3.4
3	*5260.00	119.5 PK			1.10 H	162	116.9	2.6
4	*5260.00	107.6 AV			1.10 H	162	105.0	2.6
5	#10520.00	54.0 PK	68.2	-14.2	1.00 H	53	41.4	12.6
6	15780.00	46.5 PK	74.0	-27.5	1.09 H	144	34.7	11.8
7	15780.00	33.7 AV	54.0	-20.3	1.09 H	144	21.9	11.8

Remarks:

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

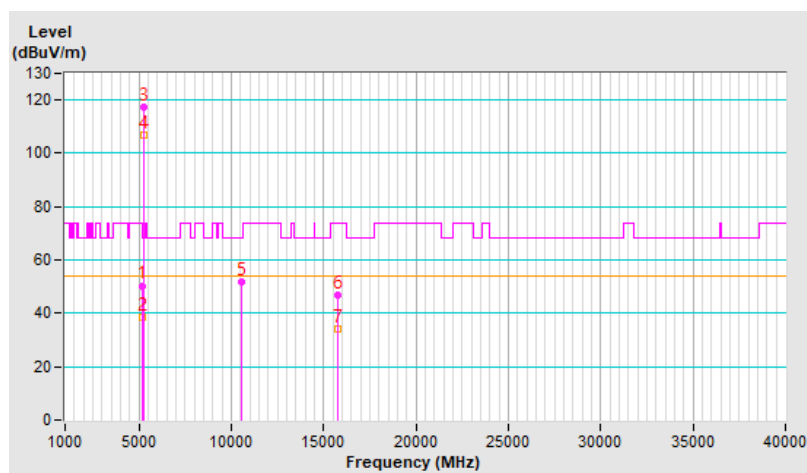


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	50.4 PK	74.0	-23.6	3.75 V	46	47.0	3.4
2	5150.00	38.5 AV	54.0	-15.5	3.75 V	46	35.1	3.4
3	*5260.00	117.5 PK			3.75 V	46	114.9	2.6
4	*5260.00	106.7 AV			3.75 V	46	104.1	2.6
5	#10520.00	51.7 PK	68.2	-16.5	1.17 V	77	39.1	12.6
6	15780.00	46.8 PK	74.0	-27.2	1.12 V	111	35.0	11.8
7	15780.00	34.3 AV	54.0	-19.7	1.12 V	111	22.5	11.8

Remarks:

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

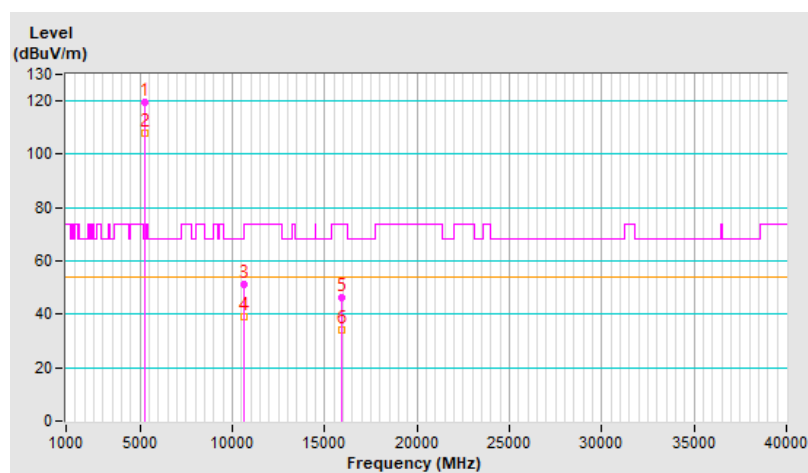


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	119.3 PK			1.18 H	169	116.9	2.4
2	*5300.00	107.7 AV			1.18 H	169	105.3	2.4
3	10600.00	51.4 PK	74.0	-22.6	1.02 H	65	38.5	12.9
4	10600.00	38.9 AV	54.0	-15.1	1.02 H	65	26.0	12.9
5	15900.00	46.4 PK	74.0	-27.6	1.10 H	76	34.3	12.1
6	15900.00	33.9 AV	54.0	-20.1	1.10 H	76	21.8	12.1

Remarks:

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

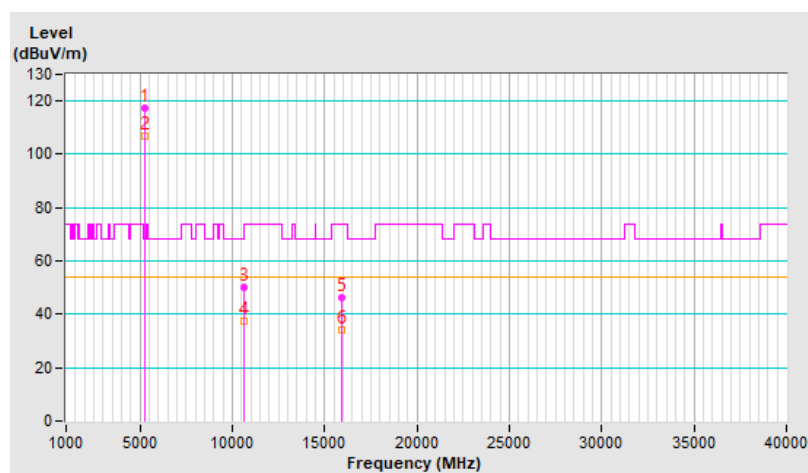


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	117.3 PK			3.95 V	49	114.9	2.4
2	*5300.00	106.7 AV			3.95 V	49	104.3	2.4
3	10600.00	50.0 PK	74.0	-24.0	1.05 V	146	37.1	12.9
4	10600.00	37.5 AV	54.0	-16.5	1.05 V	146	24.6	12.9
5	15900.00	46.5 PK	74.0	-27.5	1.04 V	60	34.4	12.1
6	15900.00	34.0 AV	54.0	-20.0	1.04 V	60	21.9	12.1

Remarks:

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

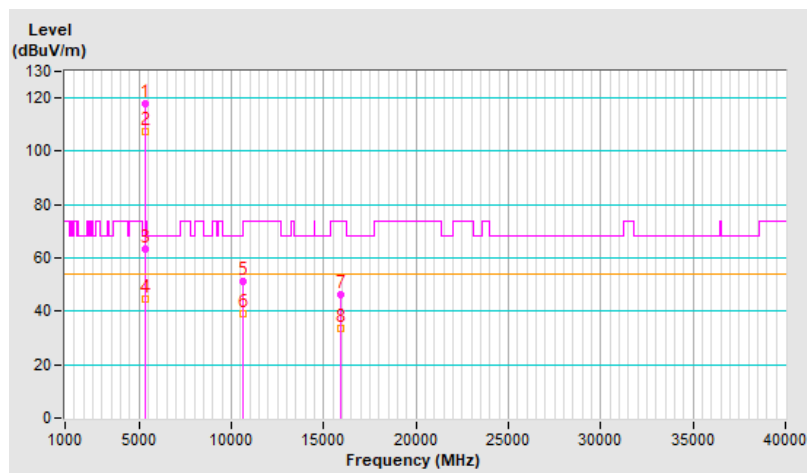


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	117.9 PK			1.09 H	169	115.3	2.6
2	*5320.00	107.6 AV			1.09 H	169	105.0	2.6
3	5350.00	63.4 PK	74.0	-10.6	1.09 H	169	60.6	2.8
4	5350.00	44.6 AV	54.0	-9.4	1.09 H	169	41.8	2.8
5	10640.00	51.2 PK	74.0	-22.8	1.02 H	50	38.1	13.1
6	10640.00	38.9 AV	54.0	-15.1	1.02 H	50	25.8	13.1
7	15960.00	46.3 PK	74.0	-27.7	1.15 H	90	33.9	12.4
8	15960.00	33.6 AV	54.0	-20.4	1.15 H	90	21.2	12.4

Remarks:

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

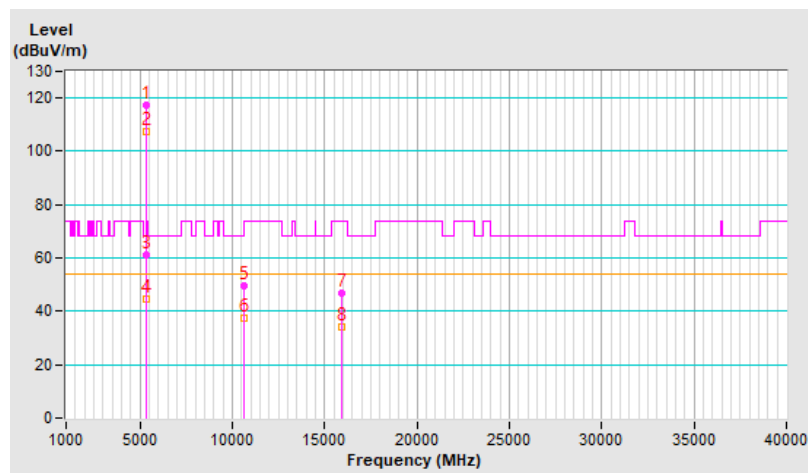


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	117.1 PK			4.00 V	54	114.5	2.6
2	*5320.00	107.5 AV			4.00 V	54	104.9	2.6
3	5350.00	61.1 PK	74.0	-12.9	4.00 V	54	58.3	2.8
4	5350.00	44.6 AV	54.0	-9.4	4.00 V	54	41.8	2.8
5	10640.00	49.6 PK	74.0	-24.4	1.06 V	143	36.5	13.1
6	10640.00	37.3 AV	54.0	-16.7	1.06 V	143	24.2	13.1
7	15960.00	46.7 PK	74.0	-27.3	1.00 V	73	34.3	12.4
8	15960.00	34.3 AV	54.0	-19.7	1.00 V	73	21.9	12.4

Remarks:

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

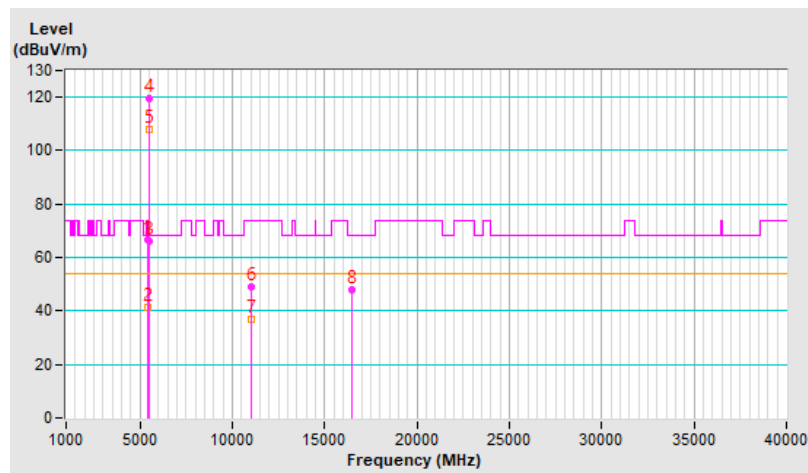


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	66.8 PK	74.0	-7.2	1.00 H	173	63.9	2.9
2	5460.00	41.4 AV	54.0	-12.6	1.00 H	173	38.5	2.9
3	#5470.00	66.1 PK	68.2	-2.1	1.00 H	173	63.2	2.9
4	*5500.00	119.4 PK			1.00 H	173	116.5	2.9
5	*5500.00	107.7 AV			1.00 H	173	104.8	2.9
6	11000.00	48.8 PK	74.0	-25.2	1.11 H	20	35.0	13.8
7	11000.00	37.1 AV	54.0	-16.9	1.11 H	20	23.3	13.8
8	#16500.00	48.1 PK	68.2	-20.1	1.08 H	360	33.4	14.7

Remarks:

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

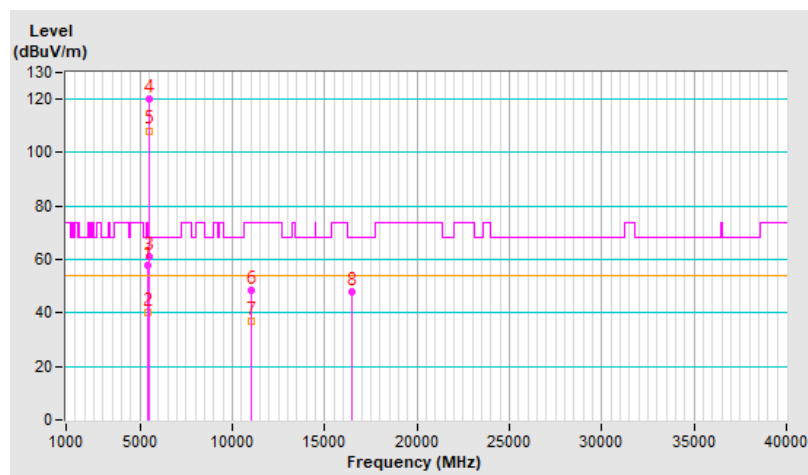


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	57.9 PK	74.0	-16.1	4.00 V	54	55.0	2.9
2	5460.00	40.2 AV	54.0	-13.8	4.00 V	54	37.3	2.9
3	#5470.00	61.0 PK	68.2	-7.2	4.00 V	54	58.1	2.9
4	*5500.00	120.1 PK			4.00 V	54	117.2	2.9
5	*5500.00	108.2 AV			4.00 V	54	105.3	2.9
6	11000.00	48.5 PK	74.0	-25.5	3.87 V	188	34.7	13.8
7	11000.00	36.7 AV	54.0	-17.3	3.87 V	188	22.9	13.8
8	#16500.00	47.9 PK	68.2	-20.3	1.52 V	357	33.2	14.7

Remarks:

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

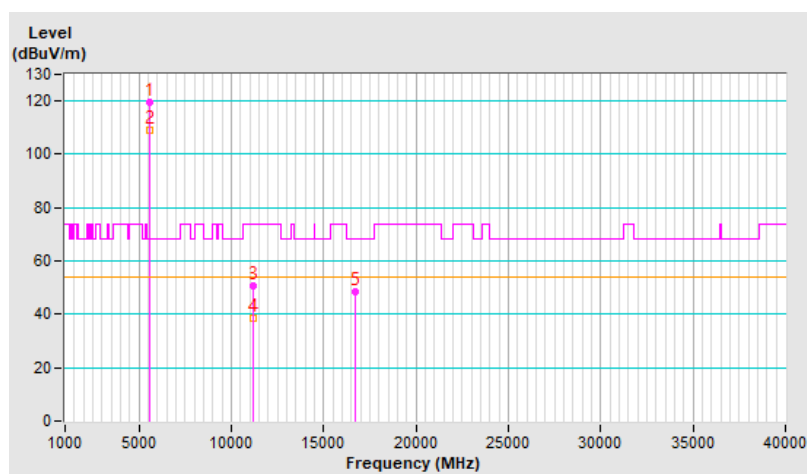


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	119.3 PK			2.66 H	162	116.6	2.7
2	*5580.00	109.2 AV			2.66 H	162	106.5	2.7
3	11160.00	50.5 PK	74.0	-23.5	1.16 H	8	37.3	13.2
4	11160.00	38.5 AV	54.0	-15.5	1.16 H	8	25.3	13.2
5	#16740.00	48.5 PK	68.2	-19.7	1.07 H	357	32.6	15.9

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.

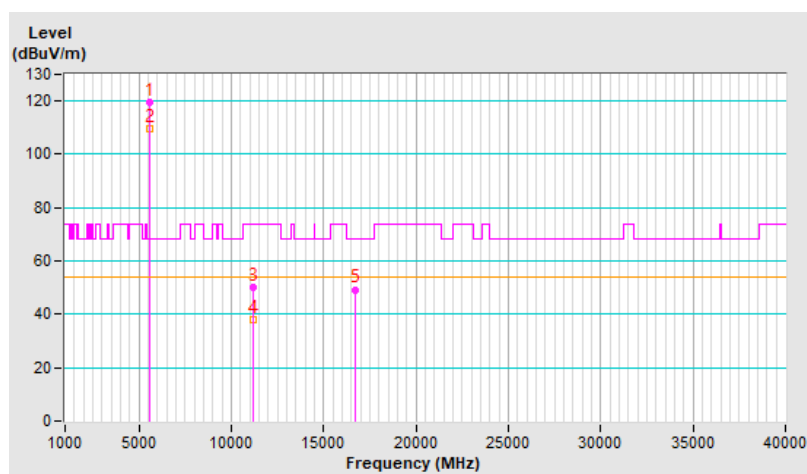


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	119.5 PK			4.00 V	52	116.8	2.7
2	*5580.00	109.7 AV			4.00 V	52	107.0	2.7
3	11160.00	50.0 PK	74.0	-24.0	3.86 V	199	36.8	13.2
4	11160.00	38.2 AV	54.0	-15.8	3.86 V	199	25.0	13.2
5	#16740.00	49.3 PK	68.2	-18.9	1.48 V	355	33.4	15.9

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.

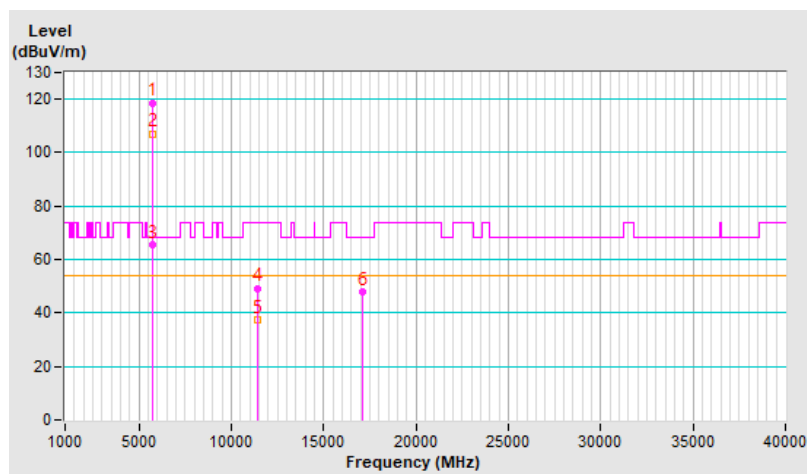


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	118.7 PK			1.00 H	154	115.8	2.9
2	*5700.00	107.1 AV			1.00 H	154	104.2	2.9
3	#5725.00	65.3 PK	68.2	-2.9	1.00 H	154	62.4	2.9
4	11400.00	49.3 PK	74.0	-24.7	1.18 H	15	36.0	13.3
5	11400.00	37.5 AV	54.0	-16.5	1.18 H	15	24.2	13.3
6	#17100.00	47.8 PK	68.2	-20.4	1.06 H	343	31.4	16.4

Remarks:

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

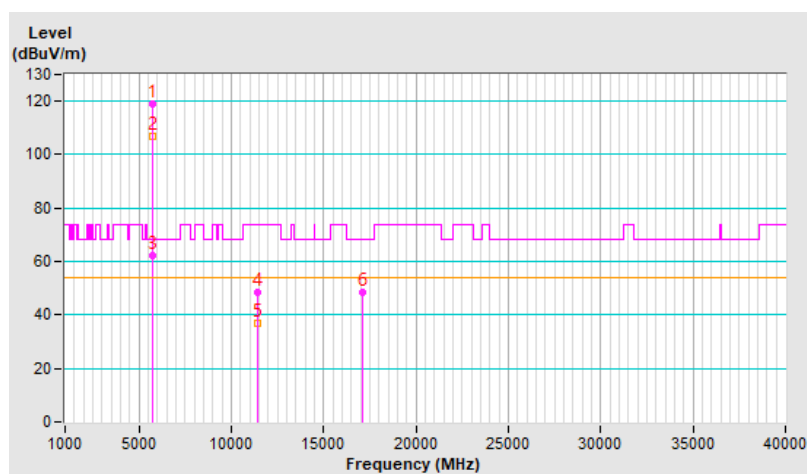


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	118.8 PK			3.75 V	51	115.9	2.9
2	*5700.00	106.8 AV			3.75 V	51	103.9	2.9
3	#5725.00	62.1 PK	68.2	-6.1	3.75 V	51	59.2	2.9
4	11400.00	48.6 PK	74.0	-25.4	3.91 V	203	35.3	13.3
5	11400.00	36.7 AV	54.0	-17.3	3.91 V	203	23.4	13.3
6	#17100.00	48.4 PK	68.2	-19.8	1.51 V	360	32.0	16.4

Remarks:

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

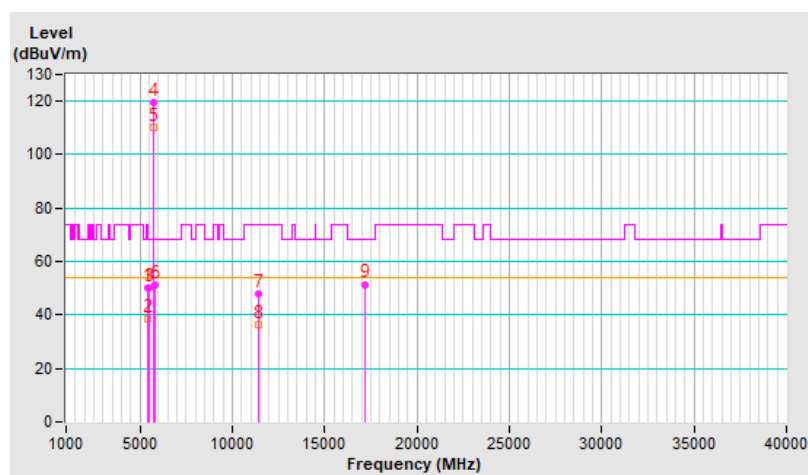


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	50.0 PK	74.0	-24.0	3.98 H	141	47.1	2.9
2	5460.00	38.3 AV	54.0	-15.7	3.98 H	141	35.4	2.9
3	#5470.00	50.2 PK	68.2	-18.0	3.98 H	141	47.3	2.9
4	*5720.00	119.7 PK			3.98 H	141	116.8	2.9
5	*5720.00	109.9 AV			3.98 H	141	107.0	2.9
6	#5850.00	51.3 PK	68.2	-16.9	3.98 H	141	48.0	3.3
7	11440.00	47.8 PK	74.0	-26.2	3.80 H	314	34.6	13.2
8	11440.00	36.2 AV	54.0	-17.8	3.80 H	314	23.0	13.2
9	#17160.00	51.5 PK	68.2	-16.7	1.10 H	113	34.7	16.8

Remarks:

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

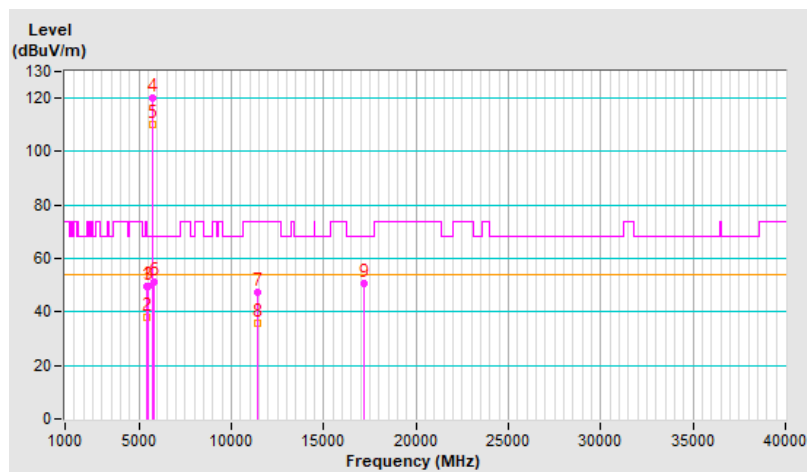


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.6 PK	74.0	-24.4	3.82 V	54	46.7	2.9
2	5460.00	38.1 AV	54.0	-15.9	3.82 V	54	35.2	2.9
3	#5470.00	49.8 PK	68.2	-18.4	3.82 V	54	46.9	2.9
4	*5720.00	120.1 PK			3.82 V	54	117.2	2.9
5	*5720.00	110.1 AV			3.82 V	54	107.2	2.9
6	#5850.00	51.1 PK	68.2	-17.1	3.82 V	54	47.8	3.3
7	11440.00	47.5 PK	74.0	-26.5	1.07 V	360	34.3	13.2
8	11440.00	36.0 AV	54.0	-18.0	1.07 V	360	22.8	13.2
9	#17160.00	50.6 PK	68.2	-17.6	1.97 V	153	33.8	16.8

Remarks:

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

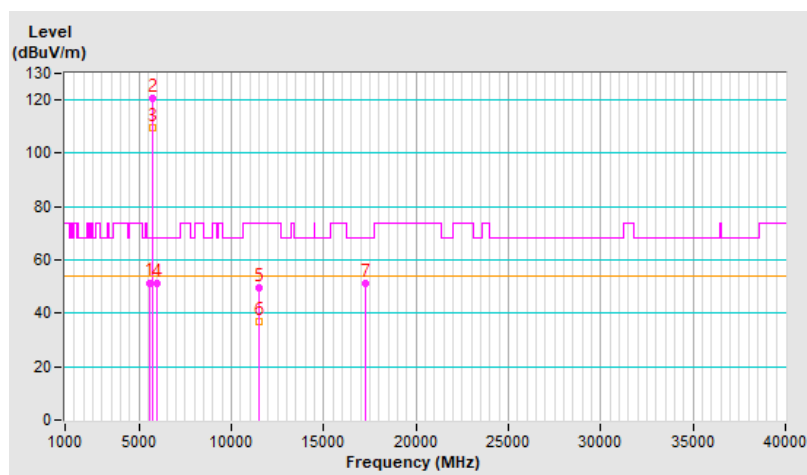


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5597.00	51.5 PK	68.2	-16.7	1.17 H	162	48.8	2.7
2	*5745.00	120.4 PK			1.17 H	162	117.4	3.0
3	*5745.00	109.7 AV			1.17 H	162	106.7	3.0
4	#5961.40	51.4 PK	68.2	-16.8	1.17 H	162	48.2	3.2
5	11490.00	49.5 PK	74.0	-24.5	1.15 H	80	36.5	13.0
6	11490.00	37.1 AV	54.0	-16.9	1.15 H	80	24.1	13.0
7	#17235.00	51.4 PK	68.2	-16.8	3.92 H	27	34.1	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.

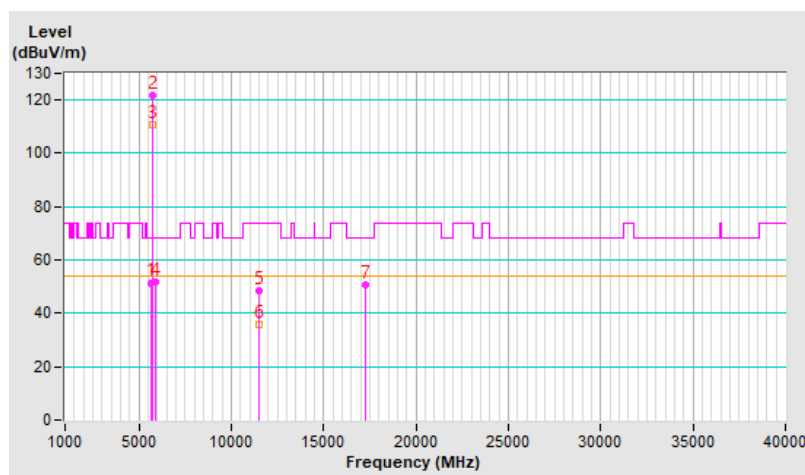


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5626.60	51.5 PK	68.2	-16.7	4.00 V	55	48.8	2.7
2	*5745.00	121.7 PK			4.00 V	55	118.7	3.0
3	*5745.00	110.5 AV			4.00 V	55	107.5	3.0
4	#5925.50	51.6 PK	68.2	-16.6	4.00 V	55	48.4	3.2
5	11490.00	48.6 PK	74.0	-25.4	1.22 V	333	35.6	13.0
6	11490.00	36.0 AV	54.0	-18.0	1.22 V	333	23.0	13.0
7	#17235.00	50.6 PK	68.2	-17.6	1.53 V	145	33.3	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.

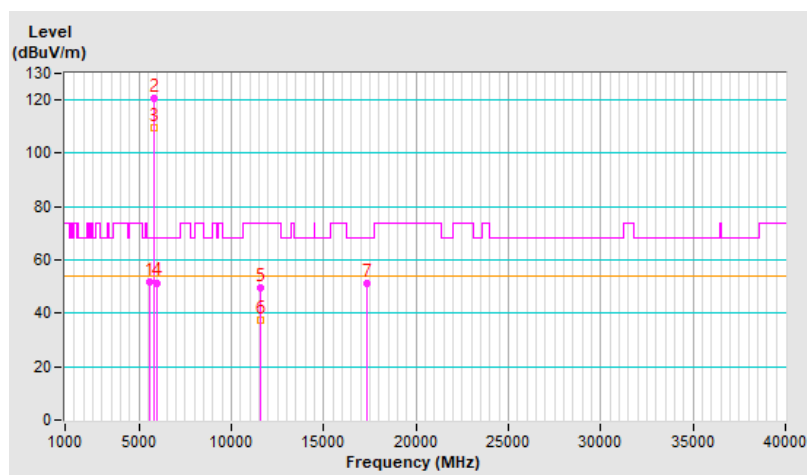


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5582.60	51.7 PK	68.2	-16.5	1.03 H	145	49.0	2.7
2	*5785.00	120.4 PK			1.03 H	145	117.2	3.2
3	*5785.00	109.4 AV			1.03 H	145	106.2	3.2
4	#5970.20	51.5 PK	68.2	-16.7	1.03 H	145	48.3	3.2
5	11570.00	49.8 PK	74.0	-24.2	1.20 H	70	36.6	13.2
6	11570.00	37.4 AV	54.0	-16.6	1.20 H	70	24.2	13.2
7	#17355.00	51.1 PK	68.2	-17.1	3.87 H	35	32.6	18.5

Remarks:

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

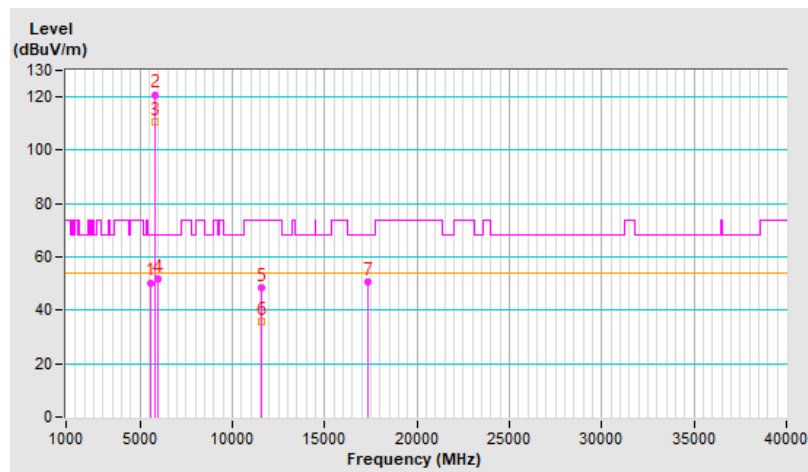


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5597.10	50.4 PK	68.2	-17.8	4.00 V	70	47.7	2.7
2	*5785.00	120.9 PK			4.00 V	70	117.7	3.2
3	*5785.00	110.5 AV			4.00 V	70	107.3	3.2
4	#5943.40	51.8 PK	68.2	-16.4	4.00 V	70	48.6	3.2
5	11570.00	48.3 PK	74.0	-25.7	1.20 V	329	35.1	13.2
6	11570.00	35.6 AV	54.0	-18.4	1.20 V	329	22.4	13.2
7	#17355.00	50.7 PK	68.2	-17.5	1.48 V	140	32.2	18.5

Remarks:

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

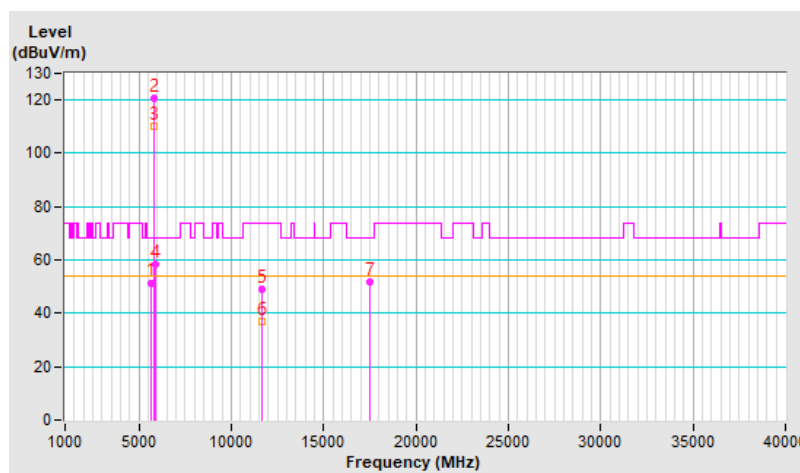


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5631.70	51.5 PK	68.2	-16.7	3.53 H	155	48.8	2.7
2	*5825.00	120.6 PK			3.53 H	155	117.3	3.3
3	*5825.00	110.3 AV			3.53 H	155	107.0	3.3
4	#5925.20	58.3 PK	68.2	-9.9	3.53 H	155	55.1	3.2
5	11650.00	49.2 PK	74.0	-24.8	1.21 H	66	36.1	13.1
6	11650.00	36.7 AV	54.0	-17.3	1.21 H	66	23.6	13.1
7	#17475.00	51.7 PK	68.2	-16.5	3.90 H	32	31.6	20.1

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.

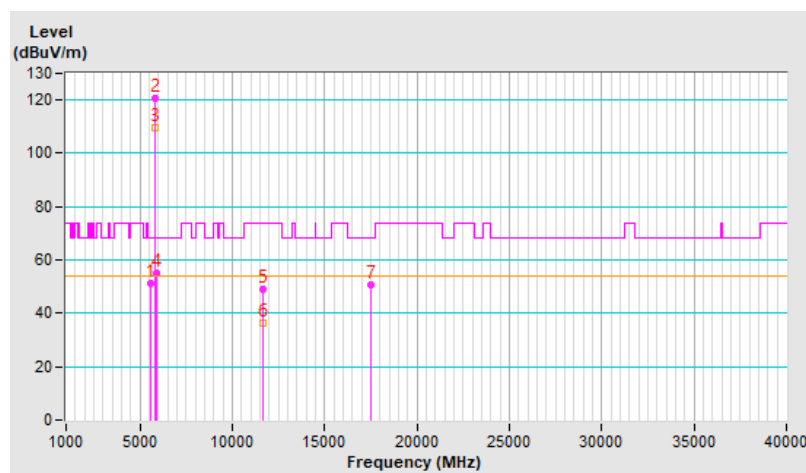


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5577.50	51.0 PK	68.2	-17.2	3.94 V	66	48.3	2.7
2	*5825.00	120.4 PK			3.94 V	66	117.1	3.3
3	*5825.00	109.6 AV			3.94 V	66	106.3	3.3
4	#5927.20	54.9 PK	68.2	-13.3	3.94 V	66	51.7	3.2
5	11650.00	48.9 PK	74.0	-25.1	1.24 V	338	35.8	13.1
6	11650.00	36.4 AV	54.0	-17.6	1.24 V	338	23.3	13.1
7	#17475.00	50.8 PK	68.2	-17.4	1.56 V	142	30.7	20.1

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.

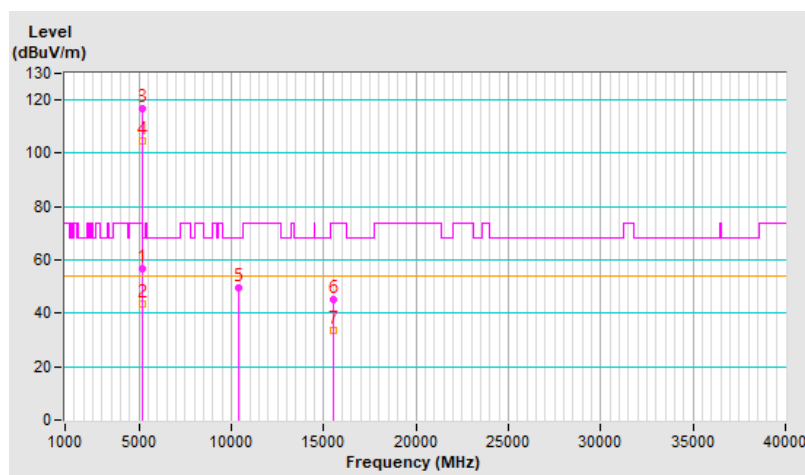


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	56.7 PK	74.0	-17.3	1.00 H	170	53.3	3.4
2	5150.00	43.5 AV	54.0	-10.5	1.00 H	170	40.1	3.4
3	*5180.00	116.7 PK			1.00 H	170	113.6	3.1
4	*5180.00	104.6 AV			1.00 H	170	101.5	3.1
5	#10360.00	49.5 PK	68.2	-18.7	1.04 H	31	36.7	12.8
6	15540.00	45.4 PK	74.0	-28.6	1.25 H	82	34.1	11.3
7	15540.00	33.8 AV	54.0	-20.2	1.25 H	82	22.5	11.3

Remarks:

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

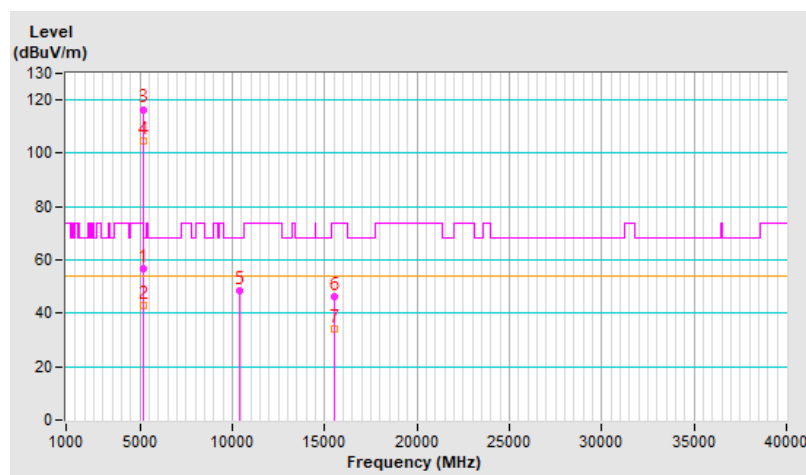


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	56.5 PK	74.0	-17.5	3.44 V	51	53.1	3.4
2	5150.00	43.1 AV	54.0	-10.9	3.44 V	51	39.7	3.4
3	*5180.00	116.5 PK			3.44 V	51	113.4	3.1
4	*5180.00	104.5 AV			3.44 V	51	101.4	3.1
5	#10360.00	48.7 PK	68.2	-19.5	1.02 V	88	35.9	12.8
6	15540.00	46.3 PK	74.0	-27.7	1.57 V	360	35.0	11.3
7	15540.00	34.3 AV	54.0	-19.7	1.57 V	360	23.0	11.3

Remarks:

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

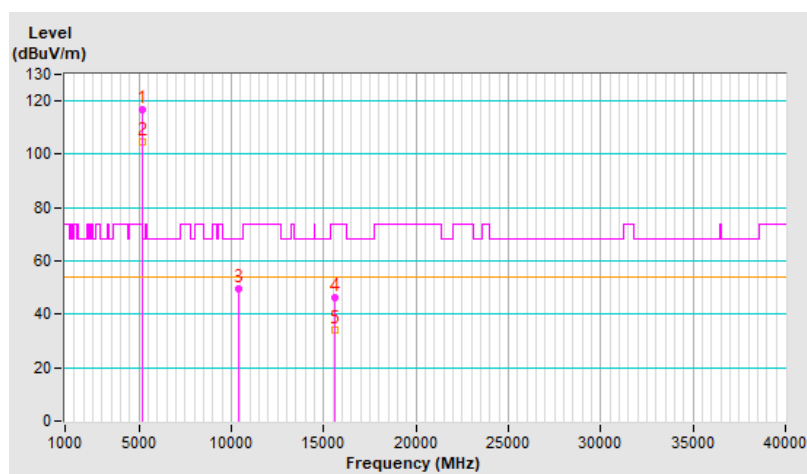


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	116.6 PK			1.13 H	160	113.6	3.0
2	*5200.00	104.5 AV			1.13 H	160	101.5	3.0
3	#10400.00	49.7 PK	68.2	-18.5	1.04 H	60	36.6	13.1
4	15600.00	46.0 PK	74.0	-28.0	1.18 H	64	35.3	10.7
5	15600.00	34.0 AV	54.0	-20.0	1.18 H	64	23.3	10.7

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.

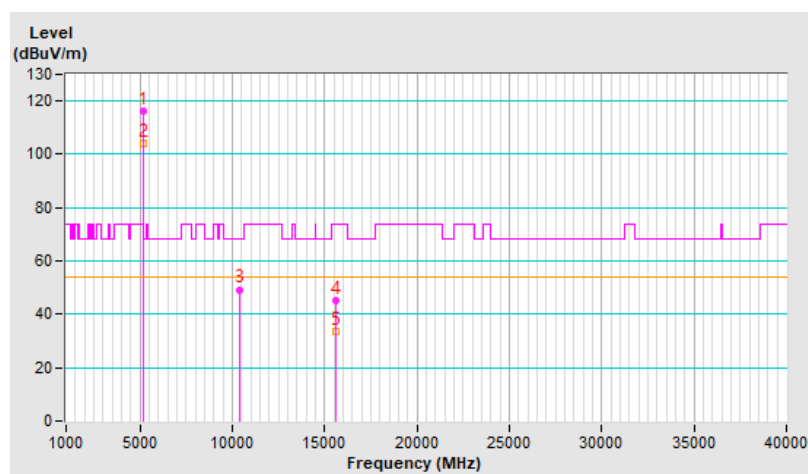


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	116.3 PK			3.87 V	65	113.3	3.0
2	*5200.00	104.1 AV			3.87 V	65	101.1	3.0
3	#10400.00	49.3 PK	68.2	-18.9	1.07 V	81	36.2	13.1
4	15600.00	45.4 PK	74.0	-28.6	1.53 V	360	34.7	10.7
5	15600.00	33.7 AV	54.0	-20.3	1.53 V	360	23.0	10.7

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.

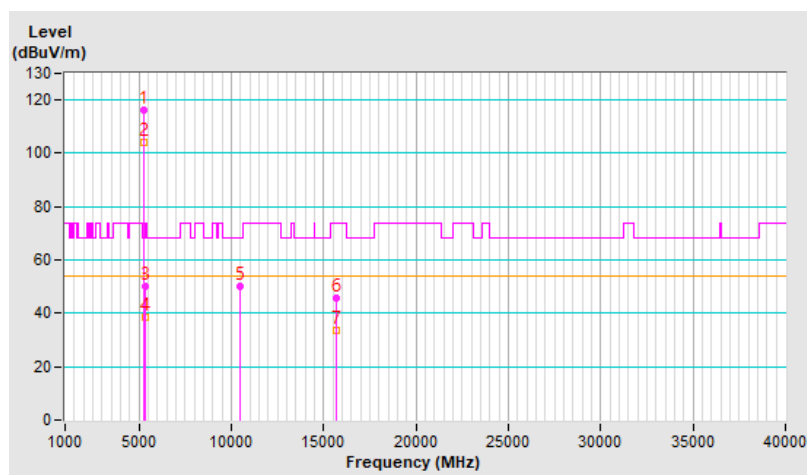


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	116.4 PK			1.08 H	167	113.7	2.7
2	*5240.00	104.2 AV			1.08 H	167	101.5	2.7
3	5350.00	50.1 PK	74.0	-23.9	1.08 H	167	47.3	2.8
4	5350.00	38.5 AV	54.0	-15.5	1.08 H	167	35.7	2.8
5	#10480.00	49.9 PK	68.2	-18.3	1.04 H	49	37.1	12.8
6	15720.00	45.9 PK	74.0	-28.1	1.26 H	69	34.5	11.4
7	15720.00	33.8 AV	54.0	-20.2	1.26 H	69	22.4	11.4

Remarks:

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

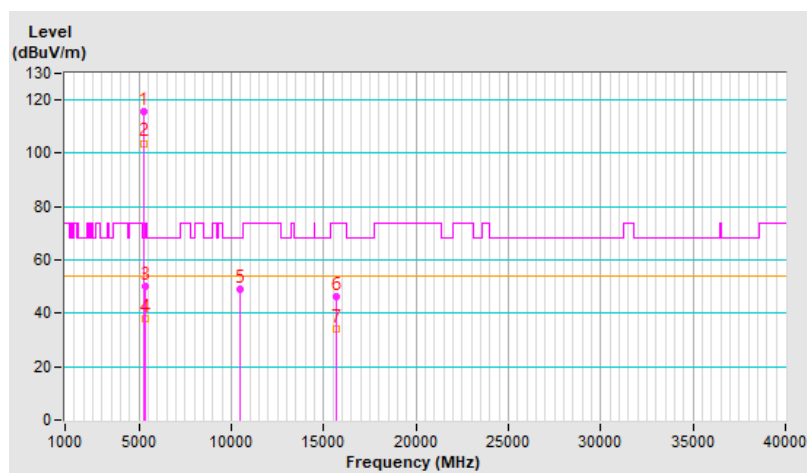


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	115.9 PK			3.85 V	72	113.2	2.7
2	*5240.00	103.8 AV			3.85 V	72	101.1	2.7
3	5350.00	49.9 PK	74.0	-24.1	3.85 V	72	47.1	2.8
4	5350.00	38.2 AV	54.0	-15.8	3.85 V	72	35.4	2.8
5	#10480.00	49.2 PK	68.2	-19.0	1.06 V	90	36.4	12.8
6	15720.00	46.2 PK	74.0	-27.8	1.63 V	360	34.8	11.4
7	15720.00	34.2 AV	54.0	-19.8	1.63 V	360	22.8	11.4

Remarks:

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

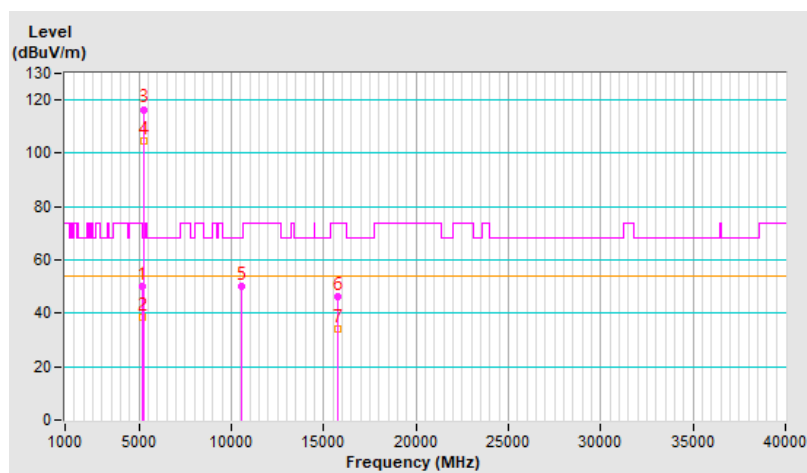


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	50.2 PK	74.0	-23.8	1.14 H	169	46.8	3.4
2	5150.00	38.4 AV	54.0	-15.6	1.14 H	169	35.0	3.4
3	*5260.00	116.5 PK			1.14 H	169	113.9	2.6
4	*5260.00	104.4 AV			1.14 H	169	101.8	2.6
5	#10520.00	50.1 PK	68.2	-18.1	1.03 H	45	37.5	12.6
6	15780.00	46.1 PK	74.0	-27.9	1.23 H	73	34.3	11.8
7	15780.00	34.3 AV	54.0	-19.7	1.23 H	73	22.5	11.8

Remarks:

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

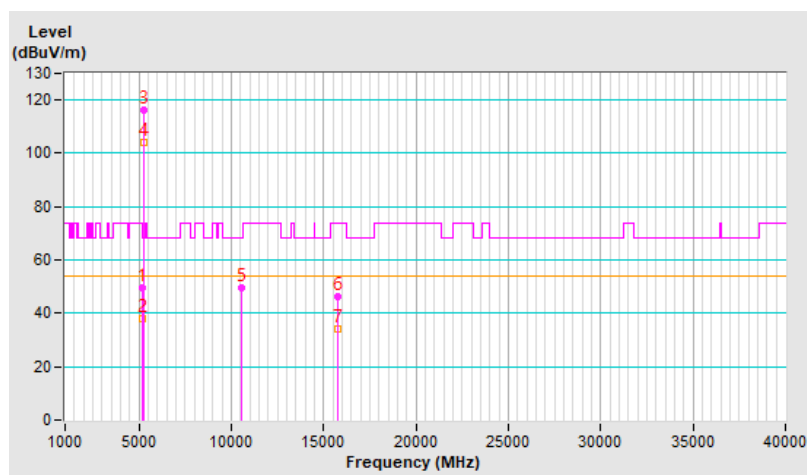


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.6 PK	74.0	-24.4	3.77 V	54	46.2	3.4
2	5150.00	38.1 AV	54.0	-15.9	3.77 V	54	34.7	3.4
3	*5260.00	116.1 PK			3.77 V	54	113.5	2.6
4	*5260.00	104.0 AV			3.77 V	54	101.4	2.6
5	#10520.00	49.5 PK	68.2	-18.7	1.12 V	69	36.9	12.6
6	15780.00	46.1 PK	74.0	-27.9	1.52 V	360	34.3	11.8
7	15780.00	34.2 AV	54.0	-19.8	1.52 V	360	22.4	11.8

Remarks:

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

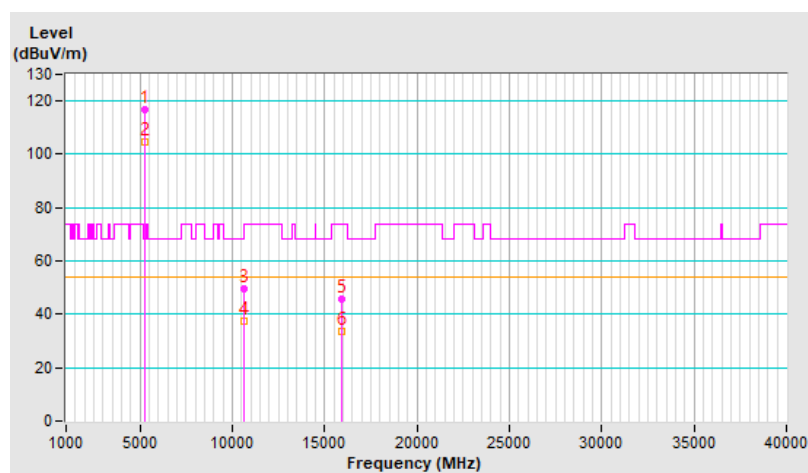


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	116.8 PK			1.11 H	175	114.4	2.4
2	*5300.00	104.7 AV			1.11 H	175	102.3	2.4
3	10600.00	49.6 PK	74.0	-24.4	1.13 H	52	36.7	12.9
4	10600.00	37.3 AV	54.0	-16.7	1.13 H	52	24.4	12.9
5	15900.00	45.9 PK	74.0	-28.1	1.19 H	79	33.8	12.1
6	15900.00	33.6 AV	54.0	-20.4	1.19 H	79	21.5	12.1

Remarks:

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

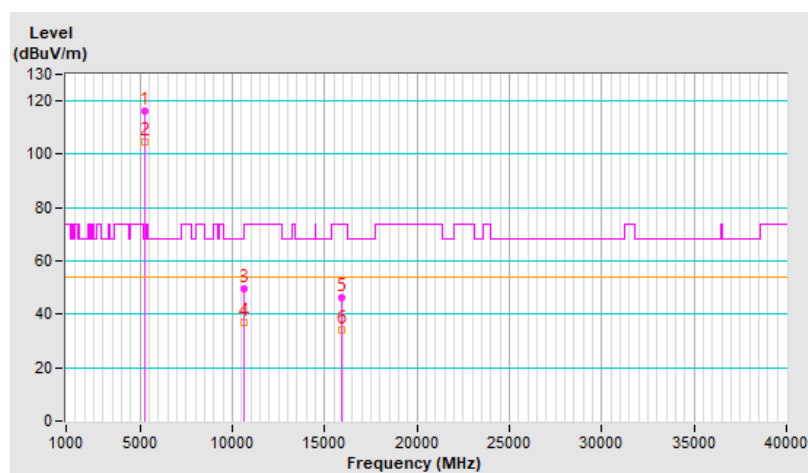


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	116.4 PK			3.92 V	78	114.0	2.4
2	*5300.00	104.5 AV			3.92 V	78	102.1	2.4
3	10600.00	49.4 PK	74.0	-24.6	1.21 V	71	36.5	12.9
4	10600.00	37.1 AV	54.0	-16.9	1.21 V	71	24.2	12.9
5	15900.00	46.0 PK	74.0	-28.0	1.52 V	360	33.9	12.1
6	15900.00	34.3 AV	54.0	-19.7	1.52 V	360	22.2	12.1

Remarks:

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

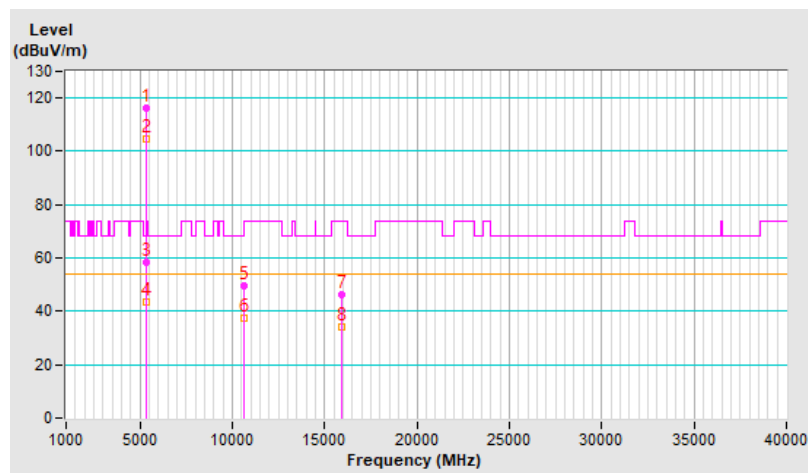


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	116.3 PK			1.03 H	166	113.7	2.6
2	*5320.00	104.7 AV			1.03 H	166	102.1	2.6
3	5350.00	58.4 PK	74.0	-15.6	1.03 H	166	55.6	2.8
4	5350.00	43.6 AV	54.0	-10.4	1.03 H	166	40.8	2.8
5	10640.00	49.7 PK	74.0	-24.3	1.09 H	57	36.6	13.1
6	10640.00	37.6 AV	54.0	-16.4	1.09 H	57	24.5	13.1
7	15960.00	46.1 PK	74.0	-27.9	1.21 H	68	33.7	12.4
8	15960.00	34.0 AV	54.0	-20.0	1.21 H	68	21.6	12.4

Remarks:

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

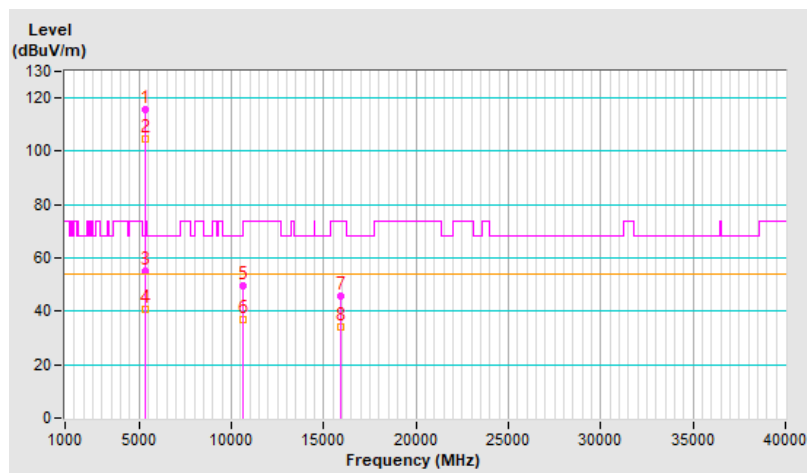


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	115.9 PK			3.92 V	70	113.3	2.6
2	*5320.00	104.5 AV			3.92 V	70	101.9	2.6
3	5350.00	54.9 PK	74.0	-19.1	3.92 V	70	52.1	2.8
4	5350.00	40.9 AV	54.0	-13.1	3.92 V	70	38.1	2.8
5	10640.00	49.5 PK	74.0	-24.5	1.01 V	77	36.4	13.1
6	10640.00	37.1 AV	54.0	-16.9	1.01 V	77	24.0	13.1
7	15960.00	45.8 PK	74.0	-28.2	1.57 V	360	33.4	12.4
8	15960.00	33.9 AV	54.0	-20.1	1.57 V	360	21.5	12.4

Remarks:

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

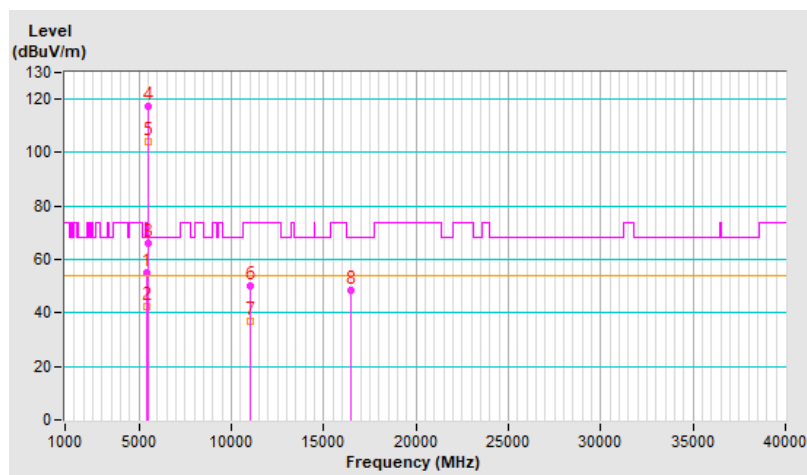


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	55.1 PK	74.0	-18.9	1.09 H	154	52.2	2.9
2	5460.00	42.3 AV	54.0	-11.7	1.09 H	154	39.4	2.9
3	#5470.00	66.0 PK	68.2	-2.2	1.09 H	154	63.1	2.9
4	*5500.00	117.4 PK			1.09 H	154	114.5	2.9
5	*5500.00	104.2 AV			1.09 H	154	101.3	2.9
6	11000.00	50.3 PK	74.0	-23.7	1.23 H	41	36.5	13.8
7	11000.00	37.1 AV	54.0	-16.9	1.23 H	41	23.3	13.8
8	#16500.00	48.4 PK	68.2	-19.8	3.85 H	360	33.7	14.7

Remarks:

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

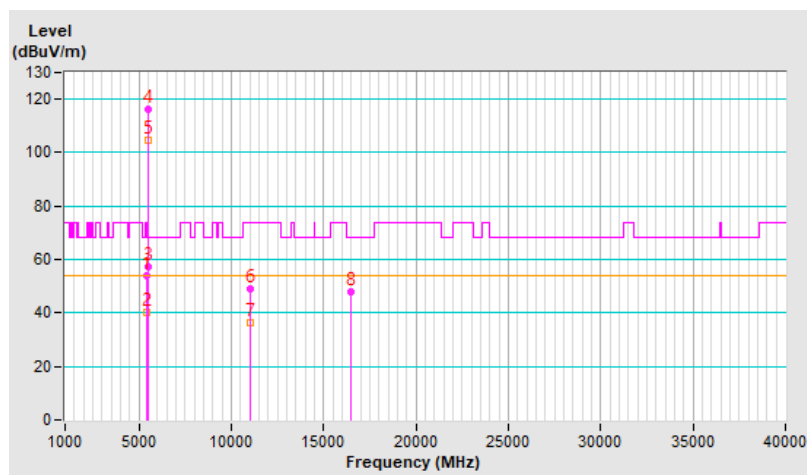


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	53.9 PK	74.0	-20.1	4.00 V	53	51.0	2.9
2	5460.00	40.1 AV	54.0	-13.9	4.00 V	53	37.2	2.9
3	#5470.00	57.5 PK	68.2	-10.7	4.00 V	53	54.6	2.9
4	*5500.00	116.4 PK			4.00 V	53	113.5	2.9
5	*5500.00	104.7 AV			4.00 V	53	101.8	2.9
6	11000.00	48.9 PK	74.0	-25.1	1.13 V	360	35.1	13.8
7	11000.00	36.5 AV	54.0	-17.5	1.13 V	360	22.7	13.8
8	#16500.00	47.8 PK	68.2	-20.4	1.31 V	280	33.1	14.7

Remarks:

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

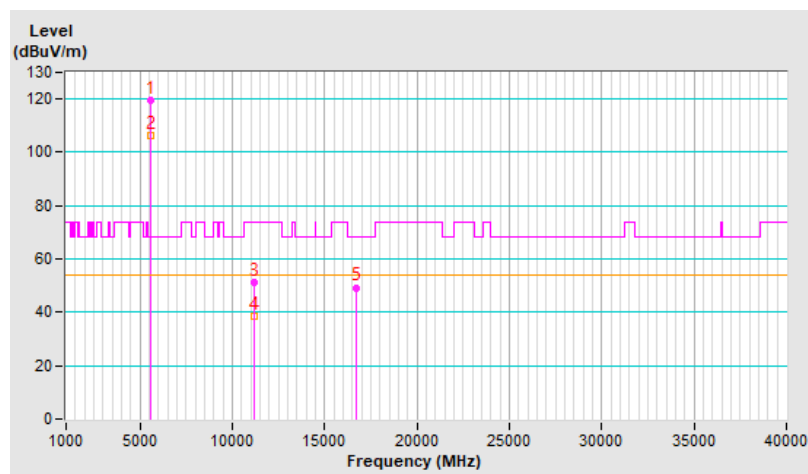


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	119.6 PK			1.10 H	158	116.9	2.7
2	*5580.00	106.3 AV			1.10 H	158	103.6	2.7
3	11160.00	51.4 PK	74.0	-22.6	1.29 H	40	38.2	13.2
4	11160.00	38.4 AV	54.0	-15.6	1.29 H	40	25.2	13.2
5	#16740.00	49.3 PK	68.2	-18.9	3.88 H	360	33.4	15.9

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.

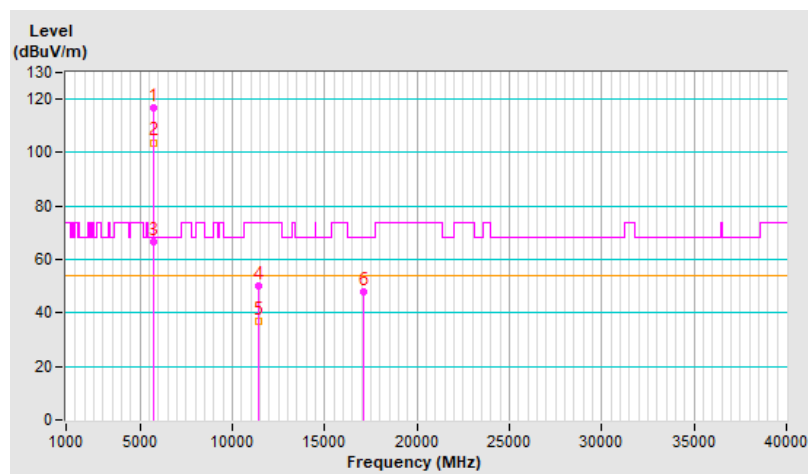


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	116.8 PK			1.04 H	158	113.9	2.9
2	*5700.00	103.8 AV			1.04 H	158	100.9	2.9
3	#5725.00	66.4 PK	68.2	-1.8	1.04 H	158	63.5	2.9
4	11400.00	49.9 PK	74.0	-24.1	1.26 H	56	36.6	13.3
5	11400.00	36.9 AV	54.0	-17.1	1.26 H	56	23.6	13.3
6	#17100.00	48.0 PK	68.2	-20.2	3.83 H	351	31.6	16.4

Remarks:

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

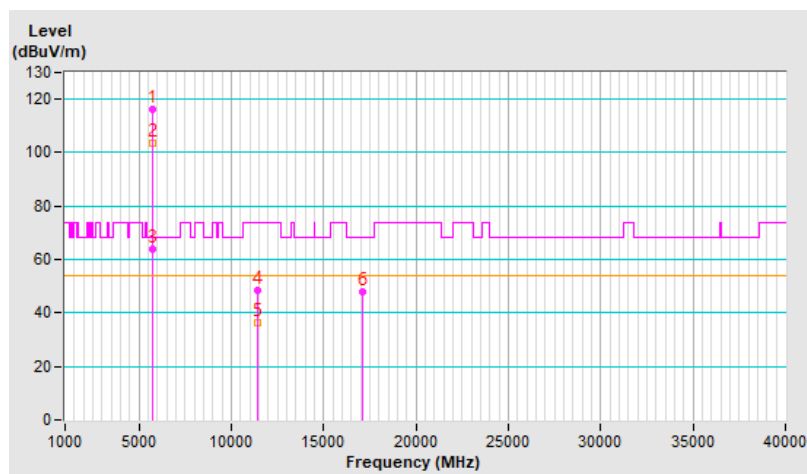


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	116.3 PK			3.85 V	51	113.4	2.9
2	*5700.00	103.7 AV			3.85 V	51	100.8	2.9
3	#5725.00	63.8 PK	68.2	-4.4	3.85 V	51	60.9	2.9
4	11400.00	48.5 PK	74.0	-25.5	1.09 V	360	35.2	13.3
5	11400.00	36.2 AV	54.0	-17.8	1.09 V	360	22.9	13.3
6	#17100.00	48.1 PK	68.2	-20.1	1.31 V	291	31.7	16.4

Remarks:

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

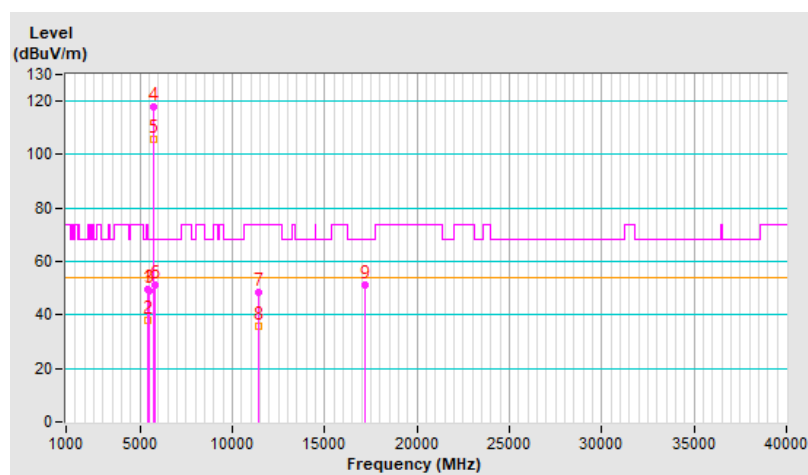


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.6 PK	74.0	-24.4	4.00 H	140	46.7	2.9
2	5460.00	38.1 AV	54.0	-15.9	4.00 H	140	35.2	2.9
3	#5470.00	49.3 PK	68.2	-18.9	4.00 H	140	46.4	2.9
4	*5720.00	117.9 PK			4.00 H	140	115.0	2.9
5	*5720.00	105.8 AV			4.00 H	140	102.9	2.9
6	#5850.00	51.3 PK	68.2	-16.9	4.00 H	140	48.0	3.3
7	11440.00	48.5 PK	74.0	-25.5	2.07 H	182	35.3	13.2
8	11440.00	35.7 AV	54.0	-18.3	2.07 H	182	22.5	13.2
9	#17160.00	51.2 PK	68.2	-17.0	1.58 H	357	34.4	16.8

Remarks:

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

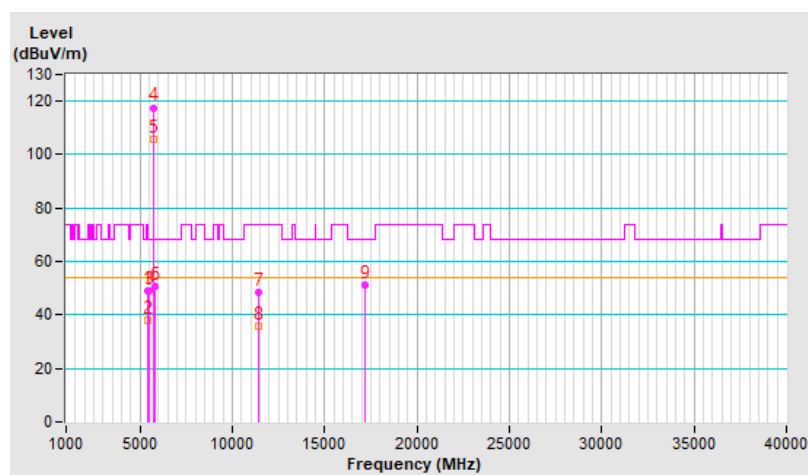


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	49.2 PK	74.0	-24.8	3.81 V	64	46.3	2.9
2	5460.00	37.8 AV	54.0	-16.2	3.81 V	64	34.9	2.9
3	#5470.00	49.1 PK	68.2	-19.1	3.81 V	64	46.2	2.9
4	*5720.00	117.6 PK			3.81 V	64	114.7	2.9
5	*5720.00	105.6 AV			3.81 V	64	102.7	2.9
6	#5850.00	50.9 PK	68.2	-17.3	3.81 V	64	47.6	3.3
7	11440.00	48.2 PK	74.0	-25.8	1.16 V	239	35.0	13.2
8	11440.00	35.9 AV	54.0	-18.1	1.16 V	239	22.7	13.2
9	#17160.00	51.1 PK	68.2	-17.1	1.02 V	134	34.3	16.8

Remarks:

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

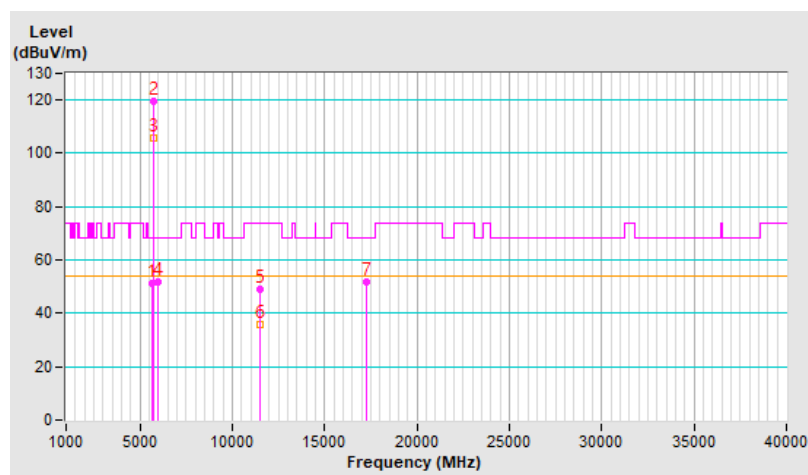


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5624.30	51.0 PK	68.2	-17.2	1.30 H	162	48.3	2.7
2	*5745.00	119.4 PK			1.30 H	162	116.4	3.0
3	*5745.00	105.8 AV			1.30 H	162	102.8	3.0
4	#5954.00	52.0 PK	68.2	-16.2	1.30 H	162	48.8	3.2
5	11490.00	48.9 PK	74.0	-25.1	1.27 H	358	35.9	13.0
6	11490.00	35.9 AV	54.0	-18.1	1.27 H	358	22.9	13.0
7	#17235.00	51.9 PK	68.2	-16.3	1.13 H	122	34.6	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.

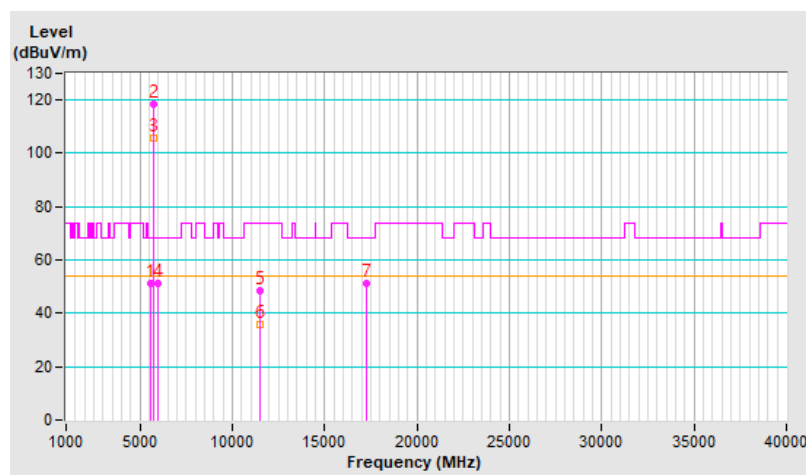


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5601.10	51.4 PK	68.2	-16.8	4.00 V	54	48.7	2.7
2	*5745.00	118.4 PK			4.00 V	54	115.4	3.0
3	*5745.00	105.7 AV			4.00 V	54	102.7	3.0
4	#5978.50	51.3 PK	68.2	-16.9	4.00 V	54	48.0	3.3
5	11490.00	48.3 PK	74.0	-25.7	1.26 V	358	35.3	13.0
6	11490.00	36.0 AV	54.0	-18.0	1.26 V	358	23.0	13.0
7	#17235.00	51.2 PK	68.2	-17.0	1.18 V	69	33.9	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.

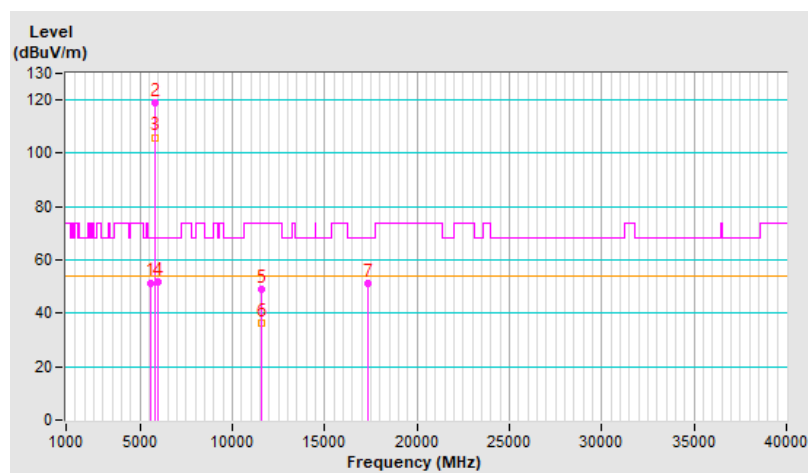


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5593.80	51.5 PK	68.2	-16.7	1.18 H	145	48.8	2.7
2	*5785.00	119.1 PK			1.18 H	145	115.9	3.2
3	*5785.00	106.0 AV			1.18 H	145	102.8	3.2
4	#5972.30	51.7 PK	68.2	-16.5	1.18 H	145	48.4	3.3
5	11570.00	49.1 PK	74.0	-24.9	1.25 H	360	35.9	13.2
6	11570.00	36.3 AV	54.0	-17.7	1.25 H	360	23.1	13.2
7	#17355.00	51.4 PK	68.2	-16.8	1.15 H	108	32.9	18.5

Remarks:

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

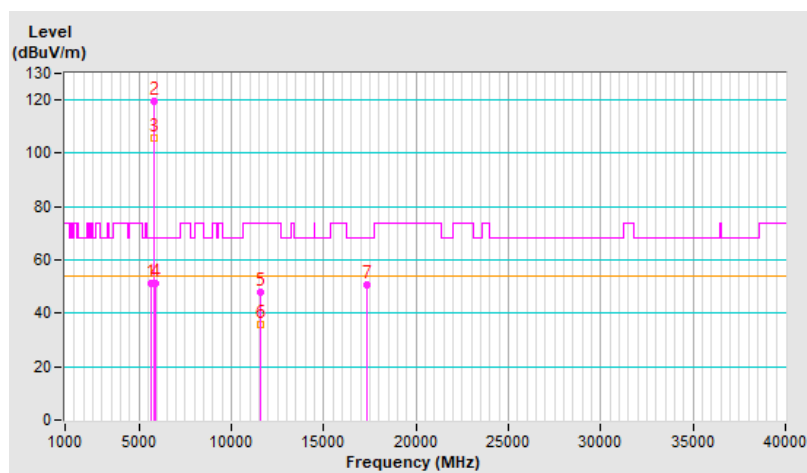


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5637.60	51.0 PK	68.2	-17.2	4.00 V	70	48.3	2.7
2	*5785.00	119.3 PK			4.00 V	70	116.1	3.2
3	*5785.00	105.7 AV			4.00 V	70	102.5	3.2
4	#5925.10	51.0 PK	68.2	-17.2	4.00 V	70	47.8	3.2
5	11570.00	47.8 PK	74.0	-26.2	1.30 V	360	34.6	13.2
6	11570.00	35.8 AV	54.0	-18.2	1.30 V	360	22.6	13.2
7	#17355.00	50.8 PK	68.2	-17.4	1.23 V	79	32.3	18.5

Remarks:

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

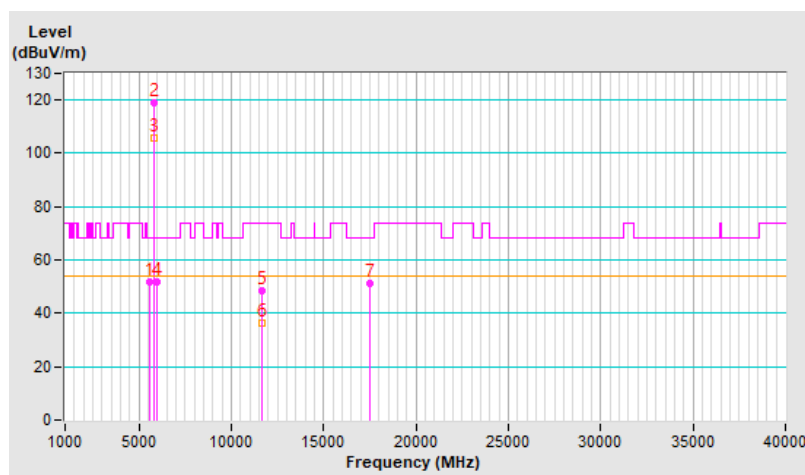


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5604.80	51.9 PK	68.2	-16.3	3.52 H	156	49.2	2.7
2	*5825.00	118.9 PK			3.52 H	156	115.6	3.3
3	*5825.00	105.7 AV			3.52 H	156	102.4	3.3
4	#5934.70	51.7 PK	68.2	-16.5	3.52 H	156	48.5	3.2
5	11650.00	48.7 PK	74.0	-25.3	1.28 H	360	35.6	13.1
6	11650.00	36.1 AV	54.0	-17.9	1.28 H	360	23.0	13.1
7	#17475.00	51.2 PK	68.2	-17.0	1.13 H	117	31.1	20.1

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.

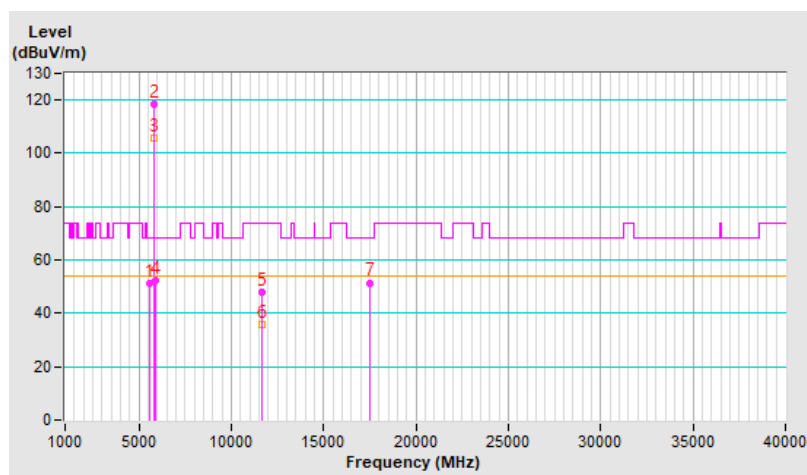


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21°C, 69% RH
Tested By	Louis Yang		

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	#5596.40	51.2 PK	68.2	-17.0	3.70 V	63	48.5	2.7
2	*5825.00	118.3 PK			3.70 V	63	115.0	3.3
3	*5825.00	105.9 AV			3.70 V	63	102.6	3.3
4	#5930.60	52.3 PK	68.2	-15.9	3.70 V	63	49.1	3.2
5	11650.00	47.9 PK	74.0	-26.1	1.22 V	348	34.8	13.1
6	11650.00	35.7 AV	54.0	-18.3	1.22 V	348	22.6	13.1
7	#17475.00	51.5 PK	68.2	-16.7	1.24 V	77	31.4	20.1

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.



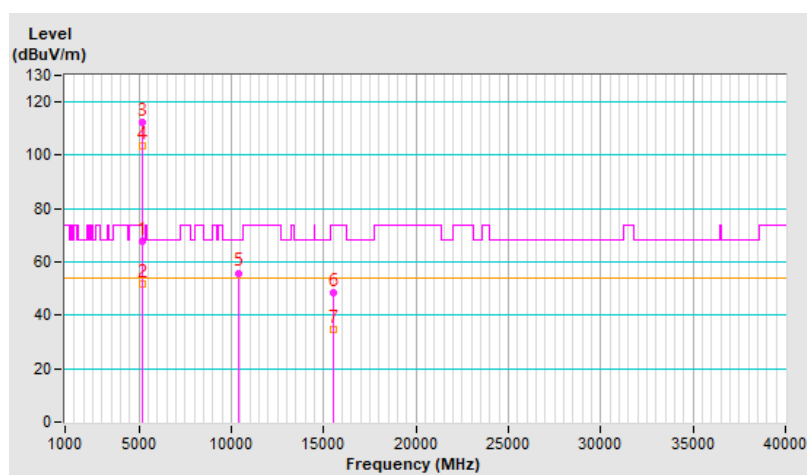
Mode D (USB interface using external antenna)

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, 69% 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	67.5 PK	74.0	-6.5	1.05 H	58	64.1	3.4
2	5150.00	51.8 AV	54.0	-2.2	1.05 H	58	48.4	3.4
3	*5180.00	112.2 PK			1.05 H	58	109.1	3.1
4	*5180.00	103.5 AV			1.05 H	58	100.4	3.1
5	#10360.00	55.9 PK	68.2	-12.3	3.90 H	311	43.1	12.8
6	15540.00	48.6 PK	74.0	-25.4	1.15 H	103	37.3	11.3
7	15540.00	34.7 AV	54.0	-19.3	1.15 H	103	23.4	11.3

Remarks:

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

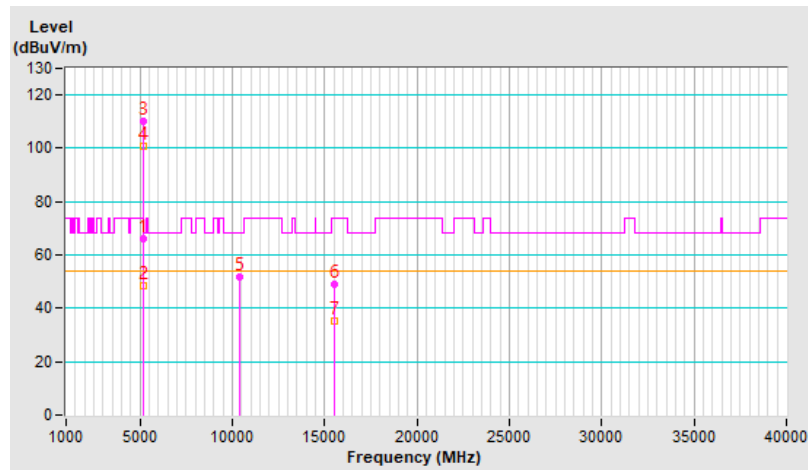


RF Mode	802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	66.0 PK	74.0	-8.0	3.98 V	360	62.6	3.4
2	5150.00	48.5 AV	54.0	-5.5	3.98 V	360	45.1	3.4
3	*5180.00	110.4 PK			3.98 V	360	107.3	3.1
4	*5180.00	100.6 AV			3.98 V	360	97.5	3.1
5	#10360.00	51.8 PK	68.2	-16.4	1.02 V	224	39.0	12.8
6	15540.00	49.1 PK	74.0	-24.9	1.03 V	44	37.8	11.3
7	15540.00	35.1 AV	54.0	-18.9	1.03 V	44	23.8	11.3

Remarks:

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

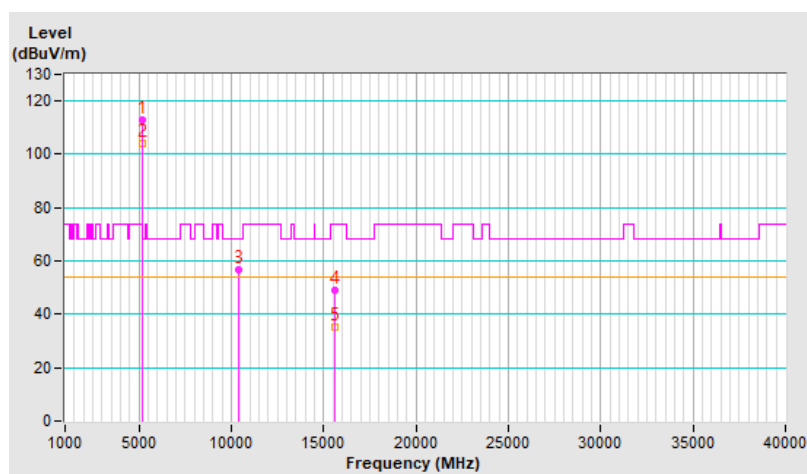


RF Mode	802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	112.8 PK			1.23 H	61	109.8	3.0
2	*5200.00	103.9 AV			1.23 H	61	100.9	3.0
3	#10400.00	56.7 PK	68.2	-11.5	3.92 H	307	43.6	13.1
4	15600.00	48.8 PK	74.0	-25.2	1.16 H	115	38.1	10.7
5	15600.00	35.1 AV	54.0	-18.9	1.16 H	115	24.4	10.7

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.

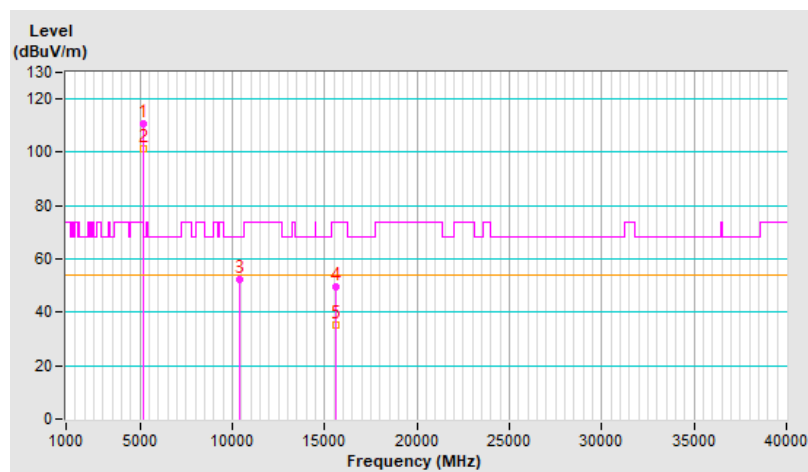


RF Mode	802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	110.8 PK			3.89 V	360	107.8	3.0
2	*5200.00	101.3 AV			3.89 V	360	98.3	3.0
3	#10400.00	52.4 PK	68.2	-15.8	1.02 V	231	39.3	13.1
4	15600.00	49.4 PK	74.0	-24.6	1.02 V	35	38.7	10.7
5	15600.00	35.3 AV	54.0	-18.7	1.02 V	35	24.6	10.7

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.

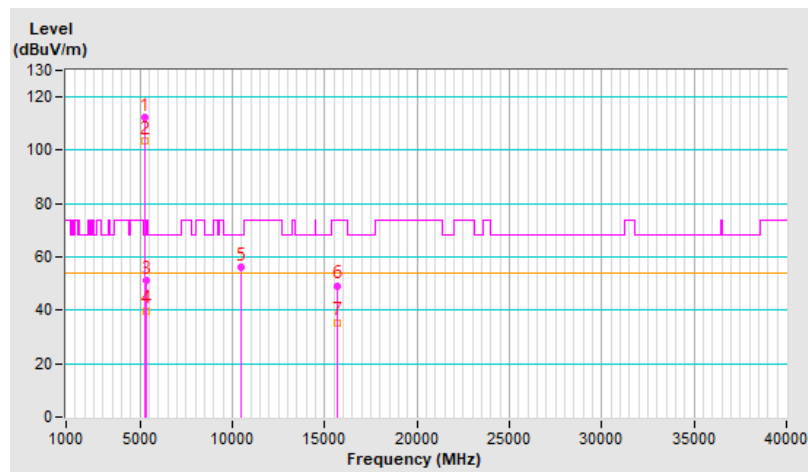


RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	112.4 PK			1.02 H	56	109.7	2.7
2	*5240.00	103.6 AV			1.02 H	56	100.9	2.7
3	5350.00	51.1 PK	74.0	-22.9	1.02 H	56	48.3	2.8
4	5350.00	39.9 AV	54.0	-14.1	1.02 H	56	37.1	2.8
5	#10480.00	56.3 PK	68.2	-11.9	3.96 H	314	43.5	12.8
6	15720.00	49.3 PK	74.0	-24.7	1.13 H	100	37.9	11.4
7	15720.00	35.5 AV	54.0	-18.5	1.13 H	100	24.1	11.4

Remarks:

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

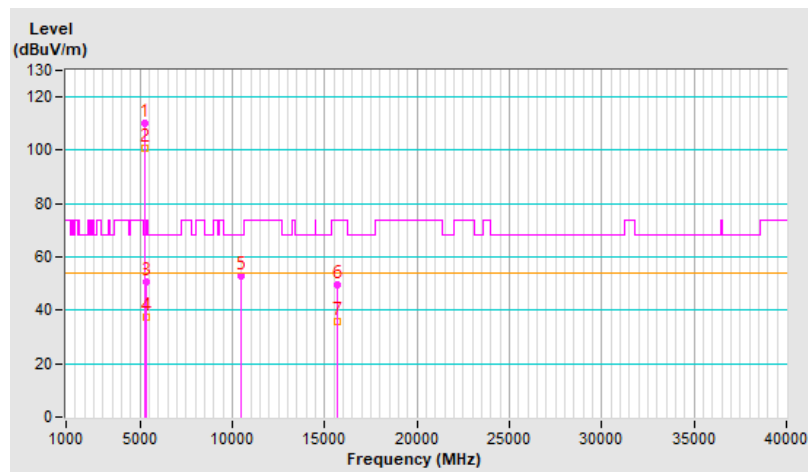


RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	110.2 PK			3.78 V	360	107.5	2.7
2	*5240.00	100.9 AV			3.78 V	360	98.2	2.7
3	5350.00	50.5 PK	74.0	-23.5	3.78 V	360	47.7	2.8
4	5350.00	37.6 AV	54.0	-16.4	3.78 V	360	34.8	2.8
5	#10480.00	52.7 PK	68.2	-15.5	1.00 V	242	39.9	12.8
6	15720.00	49.8 PK	74.0	-24.2	1.03 V	28	38.4	11.4
7	15720.00	35.6 AV	54.0	-18.4	1.03 V	28	24.2	11.4

Remarks:

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

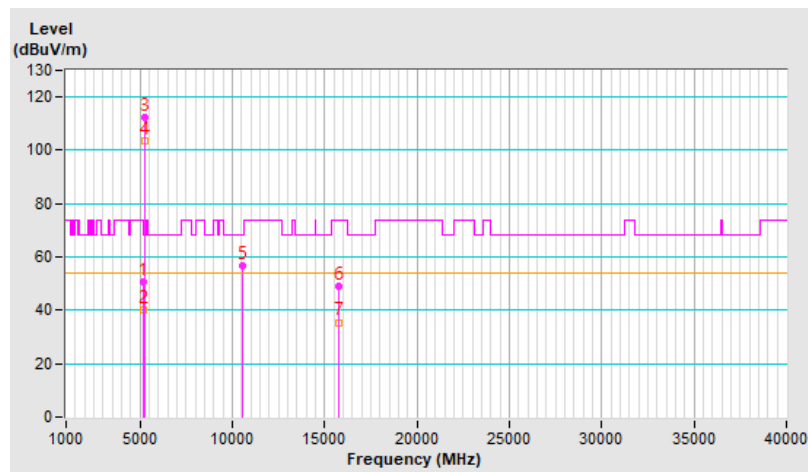


RF Mode	802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	50.8 PK	74.0	-23.2	1.13 H	59	47.4	3.4
2	5150.00	40.2 AV	54.0	-13.8	1.13 H	59	36.8	3.4
3	*5260.00	112.5 PK			1.13 H	59	109.9	2.6
4	*5260.00	103.7 AV			1.13 H	59	101.1	2.6
5	#10520.00	56.6 PK	68.2	-11.6	3.95 H	305	44.0	12.6
6	15780.00	49.1 PK	74.0	-24.9	1.13 H	111	37.3	11.8
7	15780.00	35.5 AV	54.0	-18.5	1.13 H	111	23.7	11.8

Remarks:

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

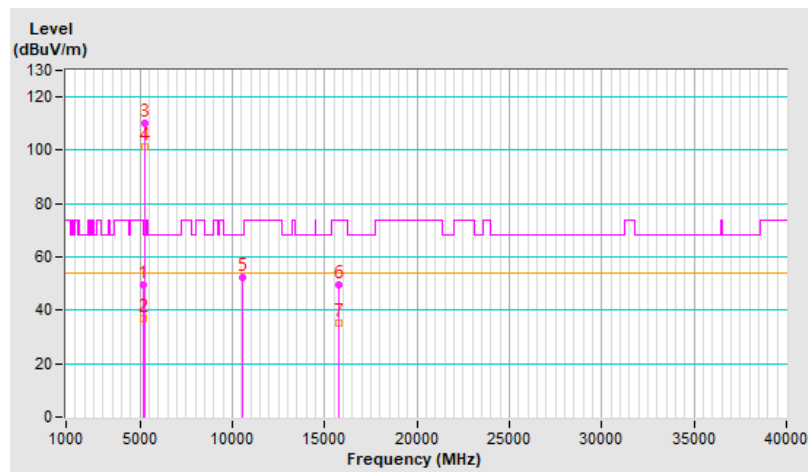


RF Mode	802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	49.4 PK	74.0	-24.6	3.57 V	360	46.0	3.4
2	5150.00	37.1 AV	54.0	-16.9	3.57 V	360	33.7	3.4
3	*5260.00	110.4 PK			3.57 V	360	107.8	2.6
4	*5260.00	101.4 AV			3.57 V	360	98.8	2.6
5	#10520.00	52.5 PK	68.2	-15.7	1.11 V	222	39.9	12.6
6	15780.00	49.4 PK	74.0	-24.6	1.05 V	39	37.6	11.8
7	15780.00	35.3 AV	54.0	-18.7	1.05 V	39	23.5	11.8

Remarks:

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

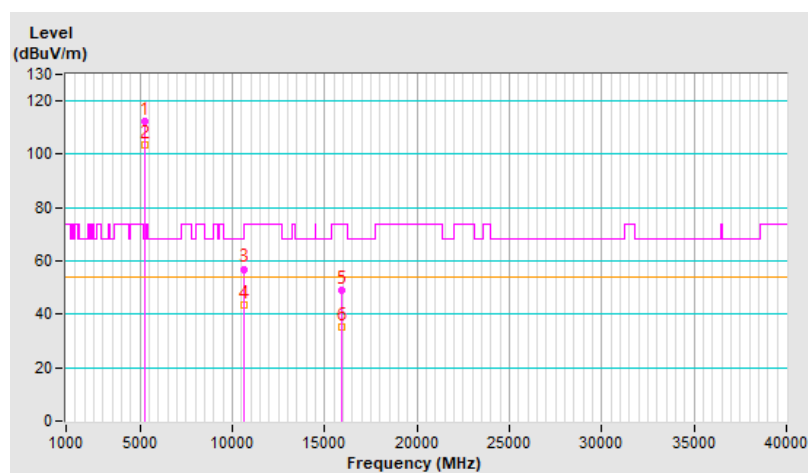


RF Mode	802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	112.6 PK			1.08 H	62	110.2	2.4
2	*5300.00	103.5 AV			1.08 H	62	101.1	2.4
3	10600.00	57.0 PK	74.0	-17.0	3.96 H	322	44.1	12.9
4	10600.00	43.5 AV	54.0	-10.5	3.96 H	322	30.6	12.9
5	15900.00	49.2 PK	74.0	-24.8	1.19 H	123	37.1	12.1
6	15900.00	35.3 AV	54.0	-18.7	1.19 H	123	23.2	12.1

Remarks:

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

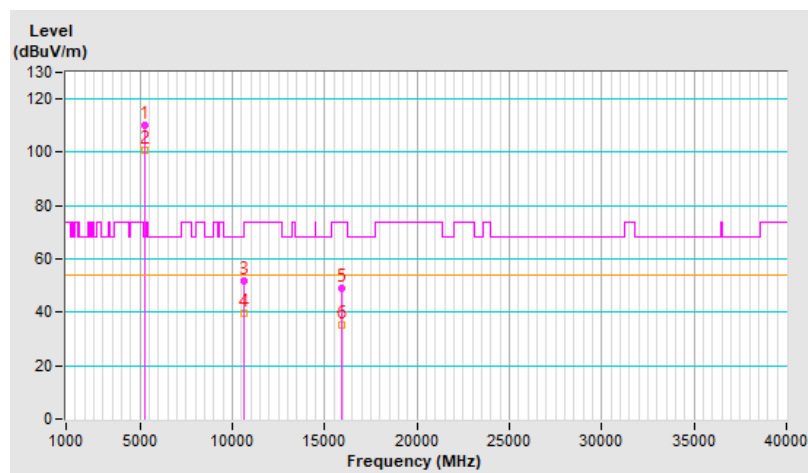


RF Mode	802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	109.9 PK			3.65 V	360	107.5	2.4
2	*5300.00	100.7 AV			3.65 V	360	98.3	2.4
3	10600.00	51.9 PK	74.0	-22.1	1.04 V	217	39.0	12.9
4	10600.00	39.4 AV	54.0	-14.6	1.04 V	217	26.5	12.9
5	15900.00	49.1 PK	74.0	-24.9	1.01 V	27	37.0	12.1
6	15900.00	35.3 AV	54.0	-18.7	1.01 V	27	23.2	12.1

Remarks:

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

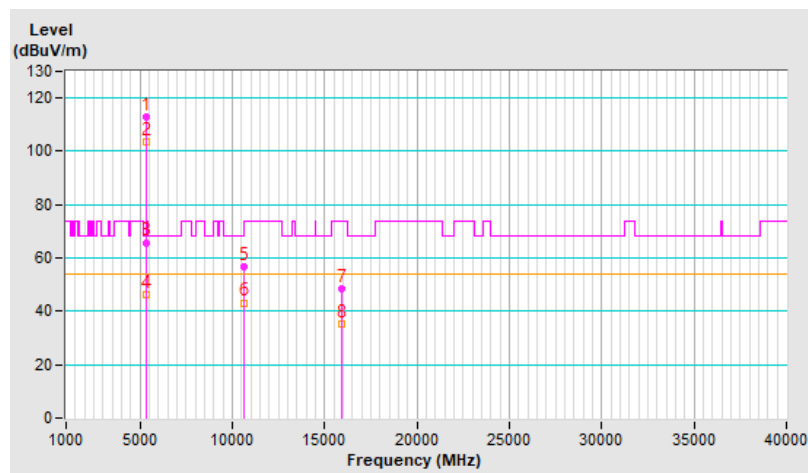


RF Mode	802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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			1.20 H	57	110.1	2.6
2	*5320.00	103.4 AV			1.20 H	57	100.8	2.6
3	5350.00	65.8 PK	74.0	-8.2	1.20 H	57	63.0	2.8
4	5350.00	46.3 AV	54.0	-7.7	1.20 H	57	43.5	2.8
5	10640.00	56.7 PK	74.0	-17.3	3.87 H	298	43.6	13.1
6	10640.00	43.2 AV	54.0	-10.8	3.87 H	298	30.1	13.1
7	15960.00	48.6 PK	74.0	-25.4	1.15 H	112	36.2	12.4
8	15960.00	35.1 AV	54.0	-18.9	1.15 H	112	22.7	12.4

Remarks:

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

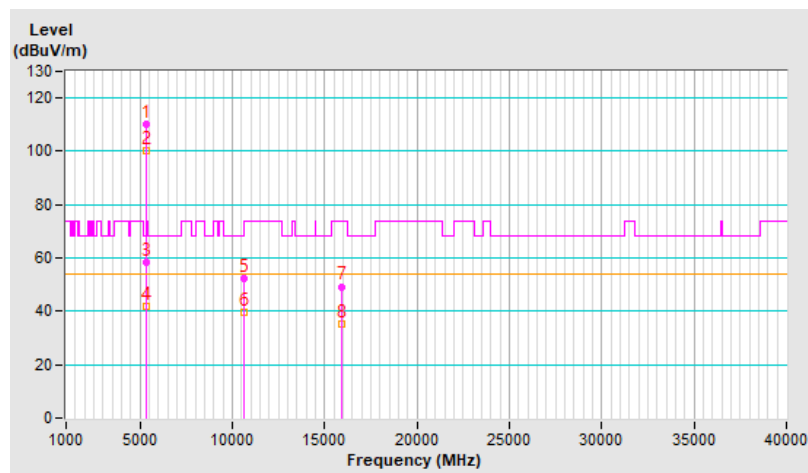


RF Mode	802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	110.1 PK			3.96 V	301	107.5	2.6
2	*5320.00	100.1 AV			3.96 V	301	97.5	2.6
3	5350.00	58.5 PK	74.0	-15.5	3.96 V	301	55.7	2.8
4	5350.00	41.8 AV	54.0	-12.2	3.96 V	301	39.0	2.8
5	10640.00	52.5 PK	74.0	-21.5	1.03 V	226	39.4	13.1
6	10640.00	39.6 AV	54.0	-14.4	1.03 V	226	26.5	13.1
7	15960.00	49.3 PK	74.0	-24.7	1.04 V	22	36.9	12.4
8	15960.00	35.4 AV	54.0	-18.6	1.04 V	22	23.0	12.4

Remarks:

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

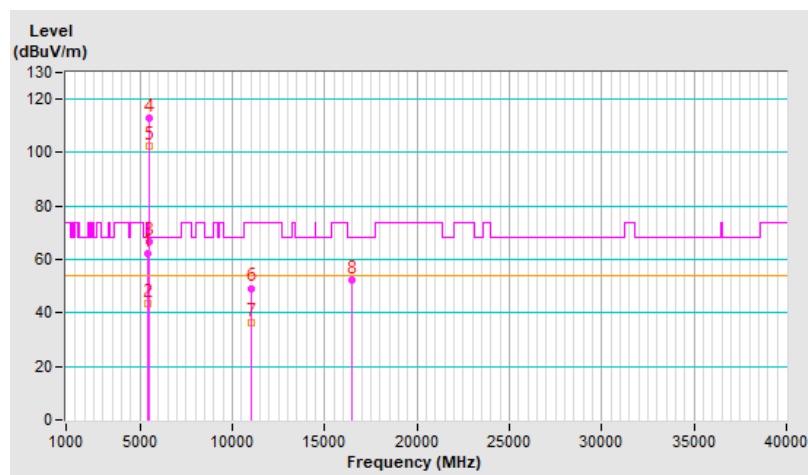


RF Mode	802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	62.1 PK	74.0	-11.9	1.00 H	161	59.2	2.9
2	5460.00	43.3 AV	54.0	-10.7	1.00 H	161	40.4	2.9
3	#5470.00	66.4 PK	68.2	-1.8	1.00 H	161	63.5	2.9
4	*5500.00	112.7 PK			1.00 H	161	109.8	2.9
5	*5500.00	102.5 AV			1.00 H	161	99.6	2.9
6	11000.00	49.3 PK	74.0	-24.7	1.11 H	153	35.5	13.8
7	11000.00	36.1 AV	54.0	-17.9	1.11 H	153	22.3	13.8
8	#16500.00	52.3 PK	68.2	-15.9	1.05 H	152	37.6	14.7

Remarks:

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

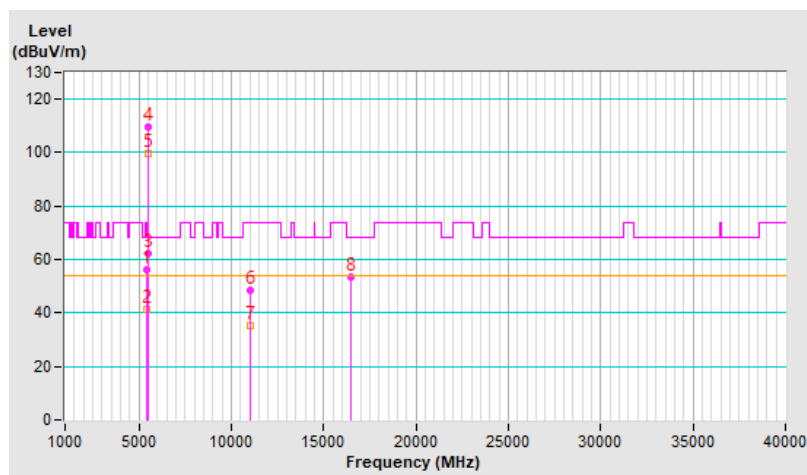


RF Mode	802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	56.4 PK	74.0	-17.6	3.68 V	294	53.5	2.9
2	5460.00	41.1 AV	54.0	-12.9	3.68 V	294	38.2	2.9
3	#5470.00	62.0 PK	68.2	-6.2	3.68 V	294	59.1	2.9
4	*5500.00	109.5 PK			3.68 V	294	106.6	2.9
5	*5500.00	99.8 AV			3.68 V	294	96.9	2.9
6	11000.00	48.3 PK	74.0	-25.7	1.09 V	42	34.5	13.8
7	11000.00	35.4 AV	54.0	-18.6	1.09 V	42	21.6	13.8
8	#16500.00	53.2 PK	68.2	-15.0	1.25 V	173	38.5	14.7

Remarks:

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

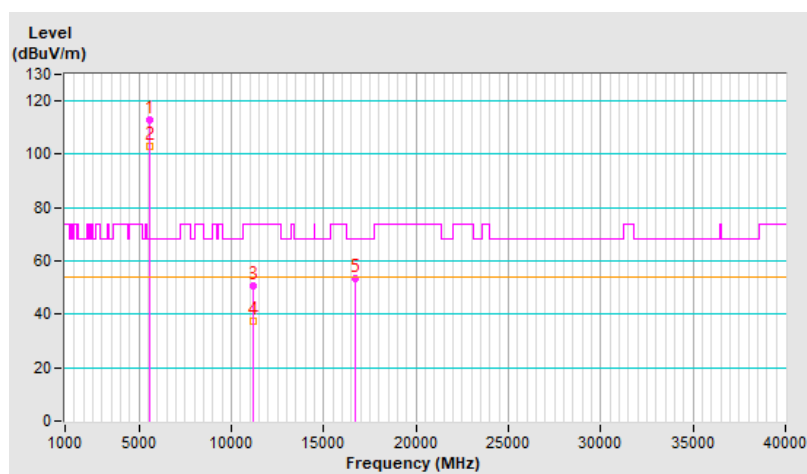


RF Mode	802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	113.1 PK			1.21 H	48	110.4	2.7
2	*5580.00	102.9 AV			1.21 H	48	100.2	2.7
3	11160.00	50.8 PK	74.0	-23.2	1.10 H	157	37.6	13.2
4	11160.00	37.5 AV	54.0	-16.5	1.10 H	157	24.3	13.2
5	#16740.00	53.5 PK	68.2	-14.7	1.06 H	162	37.6	15.9

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.

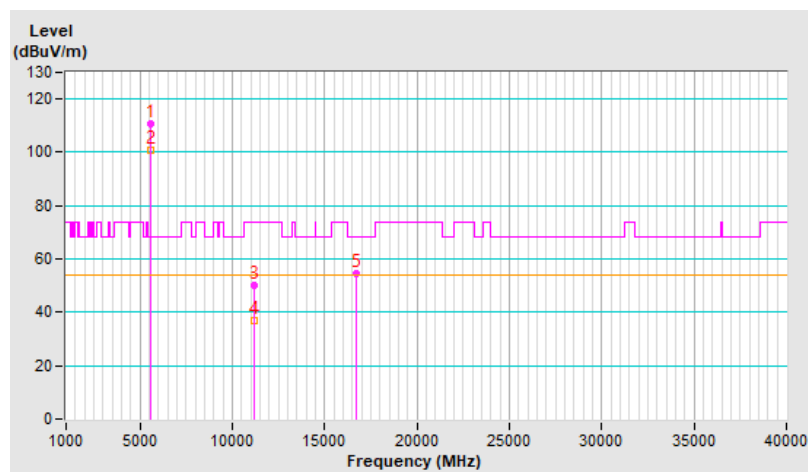


RF Mode	802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	110.9 PK			3.75 V	287	108.2	2.7
2	*5580.00	100.6 AV			3.75 V	287	97.9	2.7
3	11160.00	49.9 PK	74.0	-24.1	1.16 V	38	36.7	13.2
4	11160.00	36.8 AV	54.0	-17.2	1.16 V	38	23.6	13.2
5	#16740.00	54.5 PK	68.2	-13.7	1.26 V	165	38.6	15.9

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.

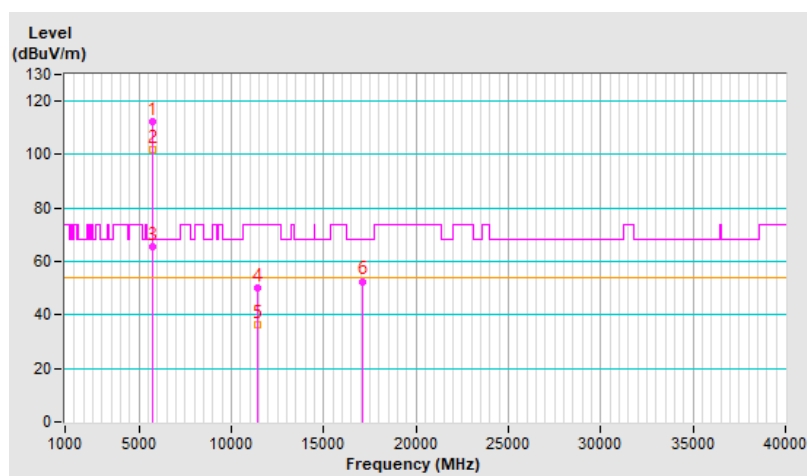


RF Mode	802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	112.2 PK			1.07 H	45	109.3	2.9
2	*5700.00	101.9 AV			1.07 H	45	99.0	2.9
3	#5725.00	65.3 PK	68.2	-2.9	1.07 H	45	62.4	2.9
4	11400.00	49.9 PK	74.0	-24.1	1.13 H	145	36.6	13.3
5	11400.00	36.3 AV	54.0	-17.7	1.13 H	145	23.0	13.3
6	#17100.00	52.6 PK	68.2	-15.6	1.07 H	167	36.2	16.4

Remarks:

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

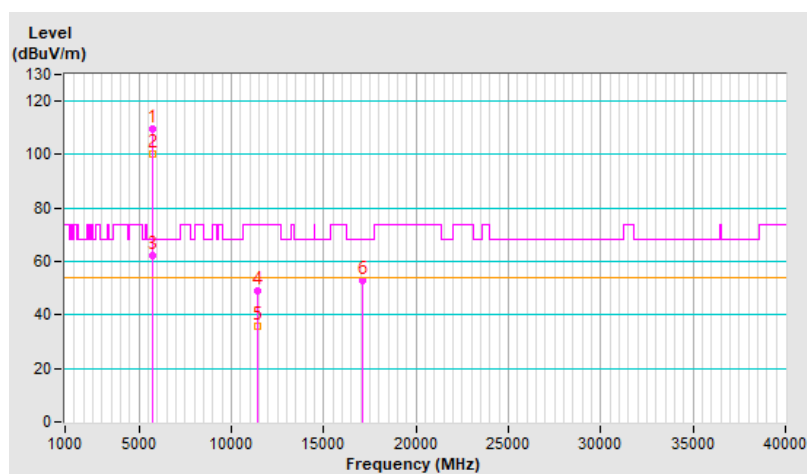


RF Mode	802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	109.4 PK			3.45 V	256	106.5	2.9
2	*5700.00	100.2 AV			3.45 V	256	97.3	2.9
3	#5725.00	62.1 PK	68.2	-6.1	3.45 V	256	59.2	2.9
4	11400.00	49.1 PK	74.0	-24.9	1.09 V	24	35.8	13.3
5	11400.00	35.9 AV	54.0	-18.1	1.09 V	24	22.6	13.3
6	#17100.00	53.1 PK	68.2	-15.1	1.27 V	171	36.7	16.4

Remarks:

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

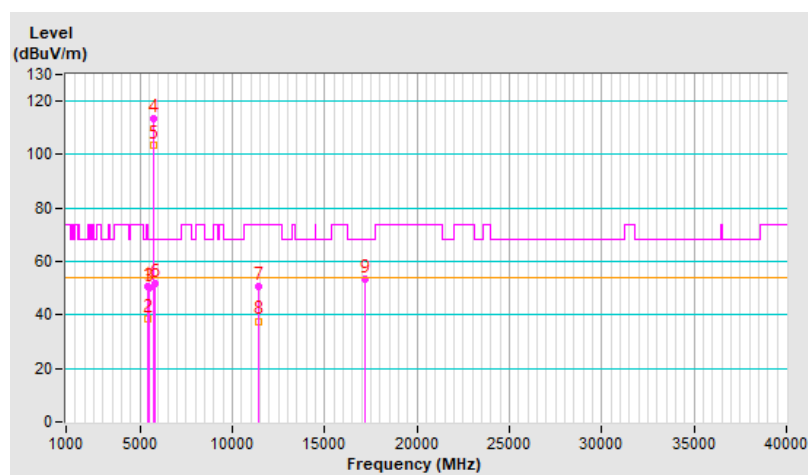


RF Mode	802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	50.6 PK	74.0	-23.4	1.06 H	46	47.7	2.9
2	5460.00	38.3 AV	54.0	-15.7	1.06 H	46	35.4	2.9
3	#5470.00	50.0 PK	68.2	-18.2	1.06 H	46	47.1	2.9
4	*5720.00	113.6 PK			1.06 H	46	110.7	2.9
5	*5720.00	103.4 AV			1.06 H	46	100.5	2.9
6	#5850.00	51.9 PK	68.2	-16.3	1.06 H	46	48.6	3.3
7	11440.00	50.7 PK	74.0	-23.3	1.12 H	143	37.5	13.2
8	11440.00	37.7 AV	54.0	-16.3	1.12 H	143	24.5	13.2
9	#17160.00	53.3 PK	68.2	-14.9	1.07 H	164	36.5	16.8

Remarks:

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

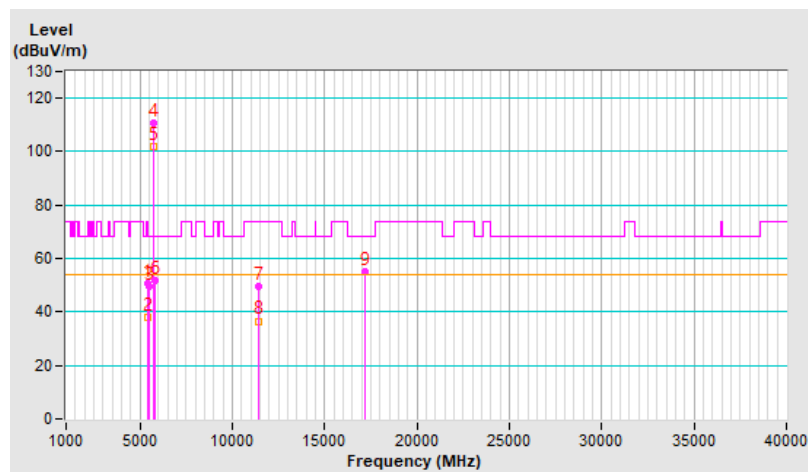


RF Mode	802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	50.5 PK	74.0	-23.5	3.85 V	295	47.6	2.9
2	5460.00	38.2 AV	54.0	-15.8	3.85 V	295	35.3	2.9
3	#5470.00	49.7 PK	68.2	-18.5	3.85 V	295	46.8	2.9
4	*5720.00	110.8 PK			3.85 V	295	107.9	2.9
5	*5720.00	101.7 AV			3.85 V	295	98.8	2.9
6	#5850.00	51.7 PK	68.2	-16.5	3.85 V	295	48.4	3.3
7	11440.00	49.7 PK	74.0	-24.3	1.22 V	47	36.5	13.2
8	11440.00	36.6 AV	54.0	-17.4	1.22 V	47	23.4	13.2
9	#17160.00	54.9 PK	68.2	-13.3	1.23 V	159	38.1	16.8

Remarks:

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

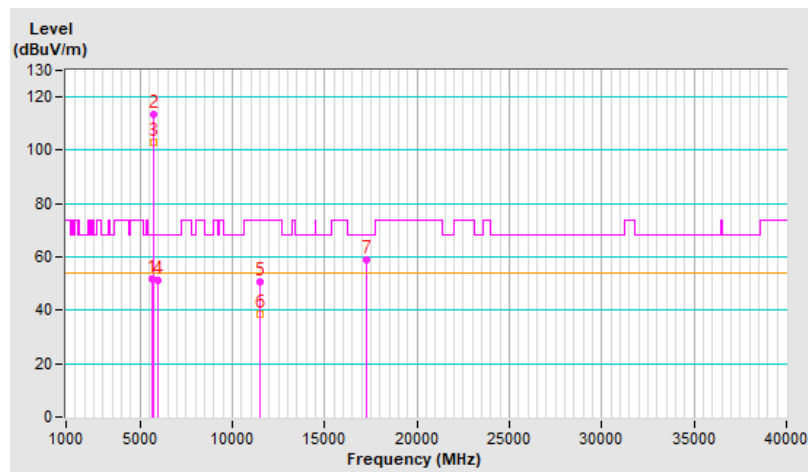


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5638.60	51.8 PK	68.2	-16.4	1.03 H	42	49.1	2.7
2	*5745.00	113.2 PK			1.03 H	42	110.2	3.0
3	*5745.00	103.1 AV			1.03 H	42	100.1	3.0
4	#5963.90	51.3 PK	68.2	-16.9	1.03 H	42	48.1	3.2
5	11490.00	50.5 PK	74.0	-23.5	1.09 H	158	37.5	13.0
6	11490.00	38.5 AV	54.0	-15.5	1.09 H	158	25.5	13.0
7	#17235.00	58.7 PK	68.2	-9.5	1.32 H	132	41.4	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.

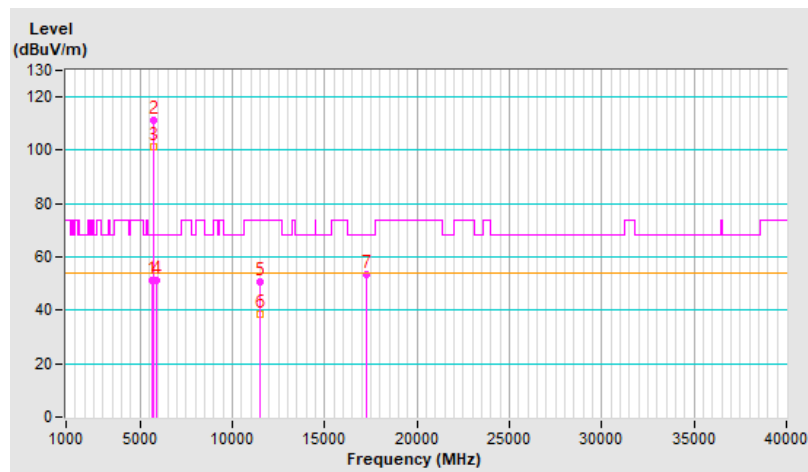


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5632.80	51.1 PK	68.2	-17.1	3.88 V	277	48.4	2.7
2	*5745.00	111.1 PK			3.88 V	277	108.1	3.0
3	*5745.00	101.3 AV			3.88 V	277	98.3	3.0
4	#5930.70	51.1 PK	68.2	-17.1	3.88 V	277	47.9	3.2
5	11490.00	50.7 PK	74.0	-23.3	1.18 V	54	37.7	13.0
6	11490.00	38.5 AV	54.0	-15.5	1.18 V	54	25.5	13.0
7	#17235.00	53.6 PK	68.2	-14.6	1.06 V	183	36.3	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.

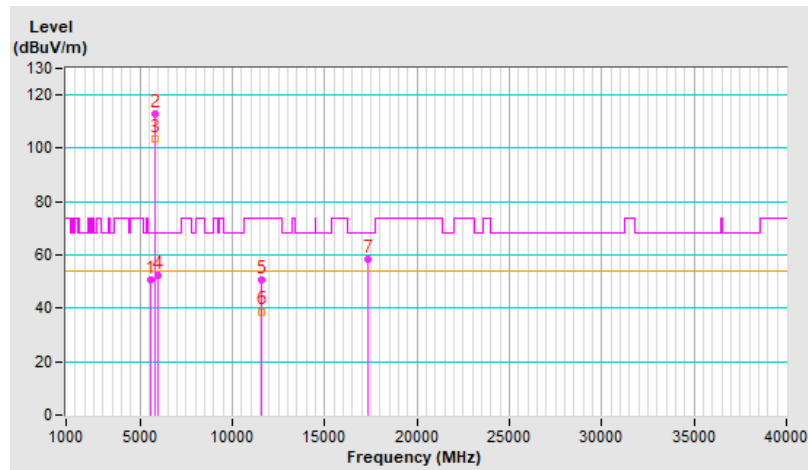


RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5608.10	50.7 PK	68.2	-17.5	1.18 H	41	48.0	2.7
2	*5785.00	113.1 PK			1.18 H	41	109.9	3.2
3	*5785.00	103.3 AV			1.18 H	41	100.1	3.2
4	#5955.20	52.2 PK	68.2	-16.0	1.18 H	41	49.0	3.2
5	11570.00	50.8 PK	74.0	-23.2	1.09 H	141	37.6	13.2
6	11570.00	38.8 AV	54.0	-15.2	1.09 H	141	25.6	13.2
7	#17355.00	58.6 PK	68.2	-9.6	1.25 H	105	40.1	18.5

Remarks:

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

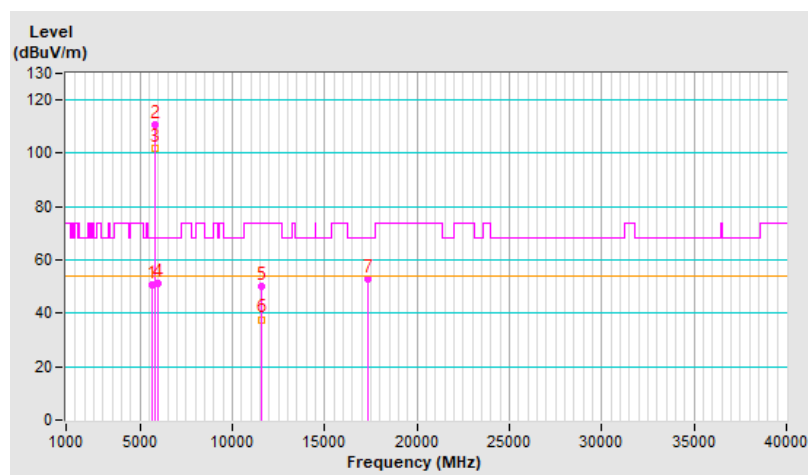


RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5637.30	50.8 PK	68.2	-17.4	3.25 V	360	48.1	2.7
2	*5785.00	110.7 PK			3.25 V	360	107.5	3.2
3	*5785.00	101.8 AV			3.25 V	360	98.6	3.2
4	#5965.70	51.3 PK	68.2	-16.9	3.25 V	360	48.1	3.2
5	11570.00	50.3 PK	74.0	-23.7	1.28 V	50	37.1	13.2
6	11570.00	37.7 AV	54.0	-16.3	1.28 V	50	24.5	13.2
7	#17355.00	52.9 PK	68.2	-15.3	1.04 V	178	34.4	18.5

Remarks:

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

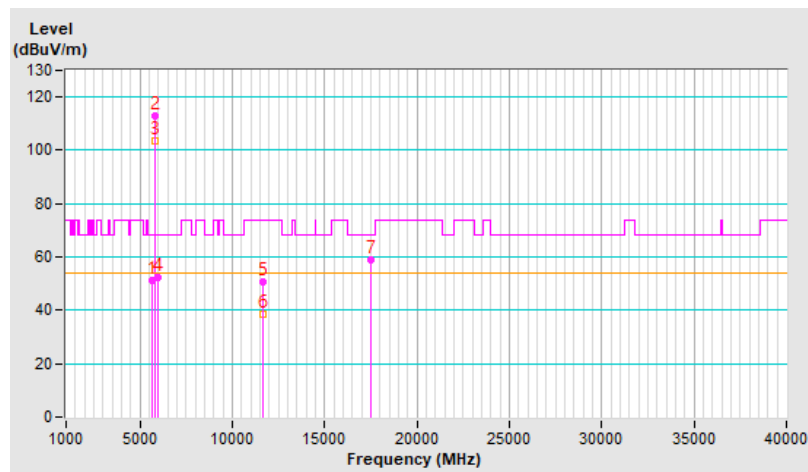


RF Mode	802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5631.70	51.0 PK	68.2	-17.2	1.10 H	40	48.3	2.7
2	*5825.00	112.9 PK			1.10 H	40	109.6	3.3
3	*5825.00	103.7 AV			1.10 H	40	100.4	3.3
4	#5975.40	52.5 PK	68.2	-15.7	1.10 H	40	49.2	3.3
5	11650.00	50.6 PK	74.0	-23.4	1.09 H	155	37.5	13.1
6	11650.00	38.3 AV	54.0	-15.7	1.09 H	155	25.2	13.1
7	#17475.00	58.8 PK	68.2	-9.4	1.28 H	117	38.7	20.1

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.

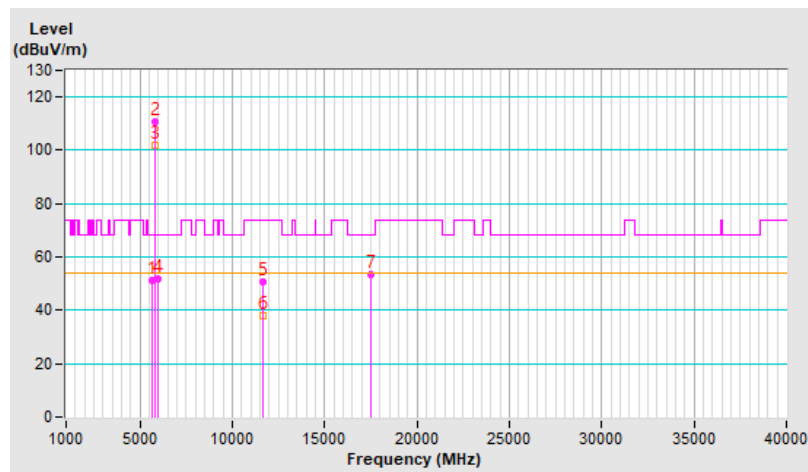


RF Mode	802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5640.90	51.0 PK	68.2	-17.2	3.59 V	18	48.3	2.7
2	*5825.00	110.5 PK			3.59 V	18	107.2	3.3
3	*5825.00	101.8 AV			3.59 V	18	98.5	3.3
4	#5942.50	51.6 PK	68.2	-16.6	3.59 V	18	48.4	3.2
5	11650.00	50.5 PK	74.0	-23.5	1.23 V	54	37.4	13.1
6	11650.00	38.1 AV	54.0	-15.9	1.23 V	54	25.0	13.1
7	#17475.00	53.5 PK	68.2	-14.7	1.09 V	178	33.4	20.1

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.

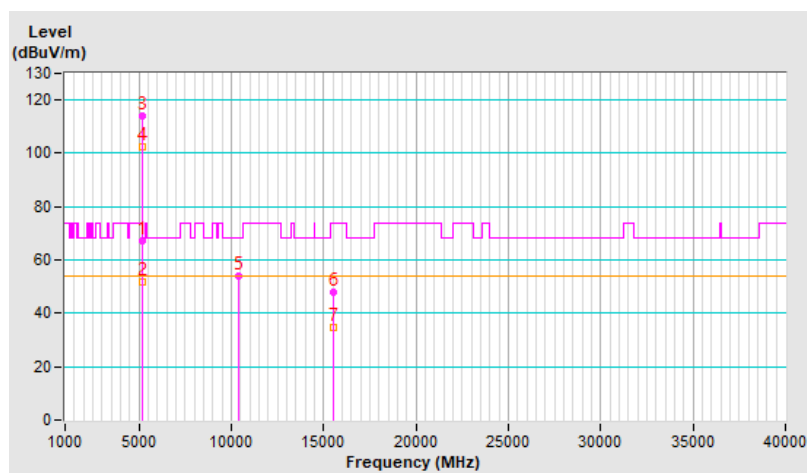


RF Mode	802.11ac (VHT20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	67.4 PK	74.0	-6.6	1.45 H	224	64.0	3.4
2	5150.00	51.8 AV	54.0	-2.2	1.45 H	224	48.4	3.4
3	*5180.00	114.0 PK			1.45 H	224	110.9	3.1
4	*5180.00	102.2 AV			1.45 H	224	99.1	3.1
5	#10360.00	54.1 PK	68.2	-14.1	1.38 H	138	41.3	12.8
6	15540.00	47.7 PK	74.0	-26.3	1.34 H	125	36.4	11.3
7	15540.00	34.8 AV	54.0	-19.2	1.34 H	125	23.5	11.3

Remarks:

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

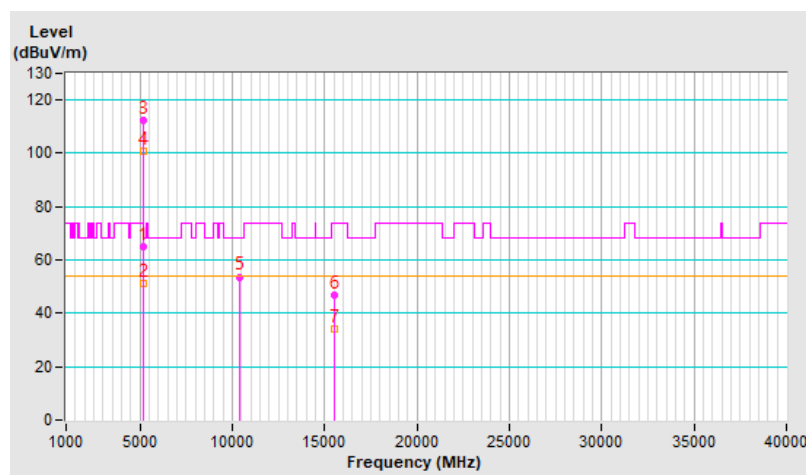


RF Mode	802.11ac (VHT20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	65.0 PK	74.0	-9.0	3.93 V	20	61.6	3.4
2	5150.00	51.4 AV	54.0	-2.6	3.93 V	20	48.0	3.4
3	*5180.00	112.5 PK			3.93 V	20	109.4	3.1
4	*5180.00	100.8 AV			3.93 V	20	97.7	3.1
5	#10360.00	53.7 PK	68.2	-14.5	2.55 V	238	40.9	12.8
6	15540.00	46.9 PK	74.0	-27.1	1.17 V	36	35.6	11.3
7	15540.00	34.2 AV	54.0	-19.8	1.17 V	36	22.9	11.3

Remarks:

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

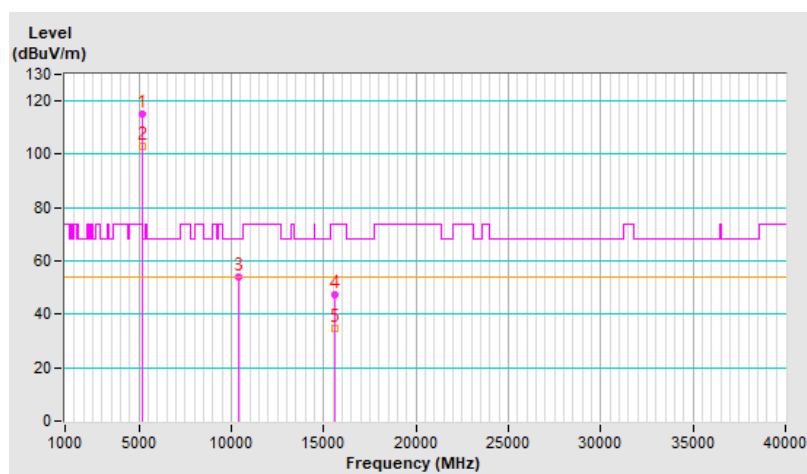


RF Mode	802.11ac (VHT20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	115.0 PK			1.19 H	68	112.0	3.0
2	*5200.00	103.2 AV			1.19 H	68	100.2	3.0
3	#10400.00	53.8 PK	68.2	-14.4	1.33 H	130	40.7	13.1
4	15600.00	47.6 PK	74.0	-26.4	1.29 H	131	36.9	10.7
5	15600.00	34.5 AV	54.0	-19.5	1.29 H	131	23.8	10.7

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.

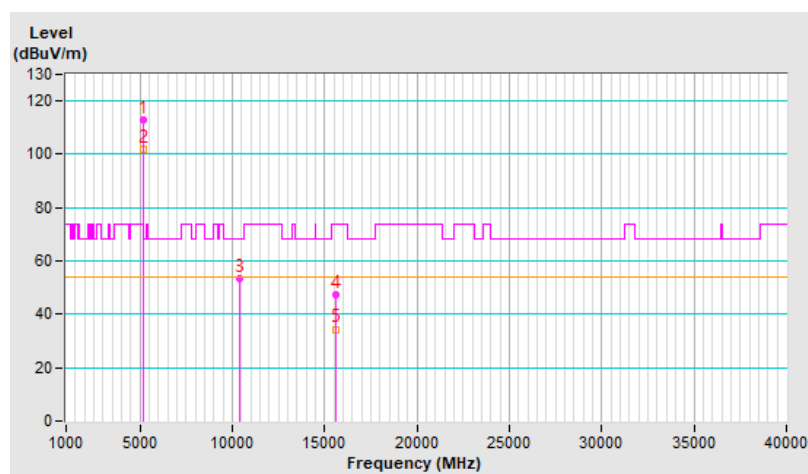


RF Mode	802.11ac (VHT20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	113.0 PK			3.92 V	20	110.0	3.0
2	*5200.00	101.9 AV			3.92 V	20	98.9	3.0
3	#10400.00	53.6 PK	68.2	-14.6	2.57 V	233	40.5	13.1
4	15600.00	47.3 PK	74.0	-26.7	1.24 V	50	36.6	10.7
5	15600.00	34.4 AV	54.0	-19.6	1.24 V	50	23.7	10.7

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.

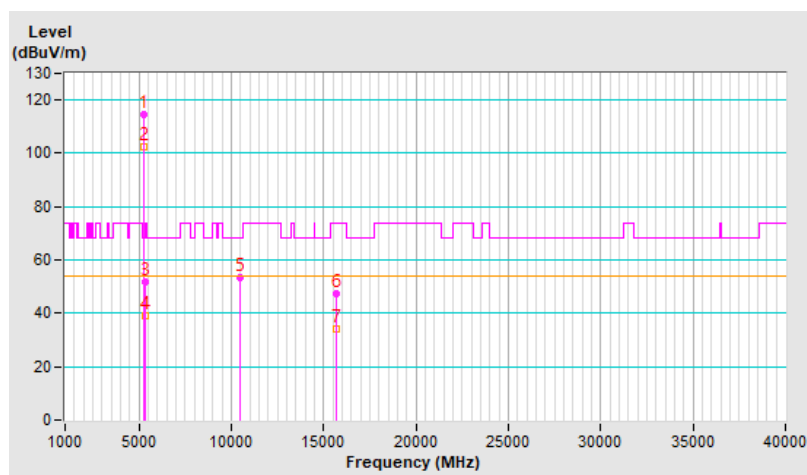


RF Mode	802.11ac (VHT20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	114.4 PK			1.63 H	216	111.7	2.7
2	*5240.00	102.6 AV			1.63 H	216	99.9	2.7
3	5350.00	51.6 PK	74.0	-22.4	1.63 H	216	48.8	2.8
4	5350.00	39.0 AV	54.0	-15.0	1.63 H	216	36.2	2.8
5	#10480.00	53.4 PK	68.2	-14.8	1.38 H	158	40.6	12.8
6	15720.00	47.5 PK	74.0	-26.5	1.35 H	113	36.1	11.4
7	15720.00	34.3 AV	54.0	-19.7	1.35 H	113	22.9	11.4

Remarks:

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

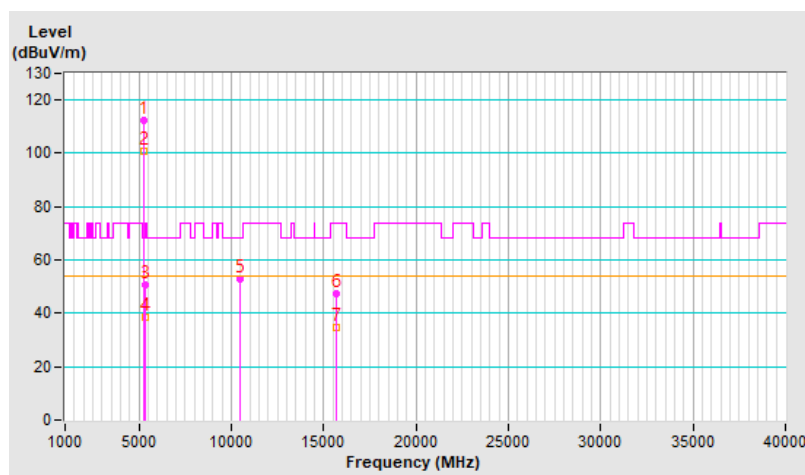


RF Mode	802.11ac (VHT20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	112.3 PK			3.51 V	43	109.6	2.7
2	*5240.00	100.6 AV			3.51 V	43	97.9	2.7
3	5350.00	50.8 PK	74.0	-23.2	3.51 V	43	48.0	2.8
4	5350.00	38.7 AV	54.0	-15.3	3.51 V	43	35.9	2.8
5	#10480.00	52.9 PK	68.2	-15.3	2.54 V	253	40.1	12.8
6	15720.00	47.2 PK	74.0	-26.8	1.11 V	58	35.8	11.4
7	15720.00	34.8 AV	54.0	-19.2	1.11 V	58	23.4	11.4

Remarks:

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

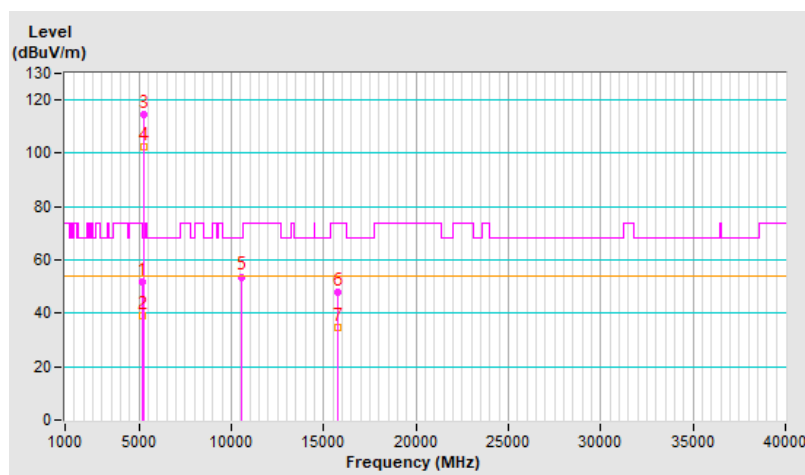


RF Mode	802.11ac (VHT20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	51.8 PK	74.0	-22.2	1.30 H	95	48.4	3.4
2	5150.00	39.1 AV	54.0	-14.9	1.30 H	95	35.7	3.4
3	*5260.00	114.6 PK			1.30 H	95	112.0	2.6
4	*5260.00	102.5 AV			1.30 H	95	99.9	2.6
5	#10520.00	53.7 PK	68.2	-14.5	1.28 H	128	41.1	12.6
6	15780.00	48.0 PK	74.0	-26.0	1.35 H	119	36.2	11.8
7	15780.00	34.9 AV	54.0	-19.1	1.35 H	119	23.1	11.8

Remarks:

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

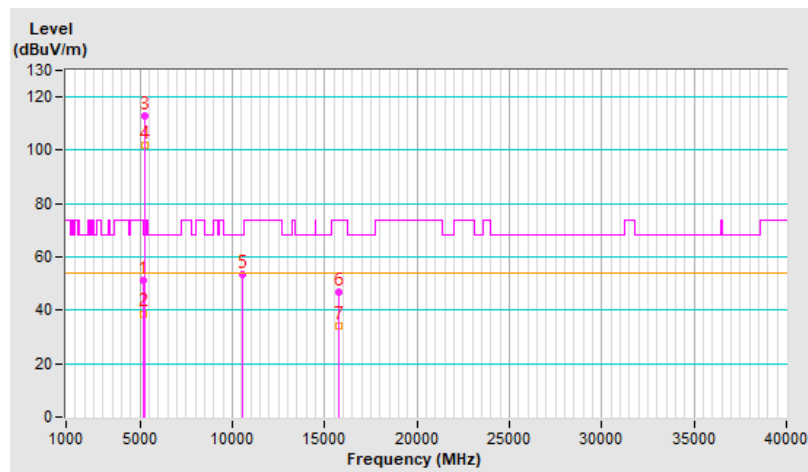


RF Mode	802.11ac (VHT20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	51.3 PK	74.0	-22.7	3.73 V	30	47.9	3.4
2	5150.00	38.8 AV	54.0	-15.2	3.73 V	30	35.4	3.4
3	*5260.00	112.8 PK			3.73 V	30	110.2	2.6
4	*5260.00	102.1 AV			3.73 V	30	99.5	2.6
5	#10520.00	53.2 PK	68.2	-15.0	2.54 V	245	40.6	12.6
6	15780.00	46.7 PK	74.0	-27.3	1.16 V	50	34.9	11.8
7	15780.00	34.3 AV	54.0	-19.7	1.16 V	50	22.5	11.8

Remarks:

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

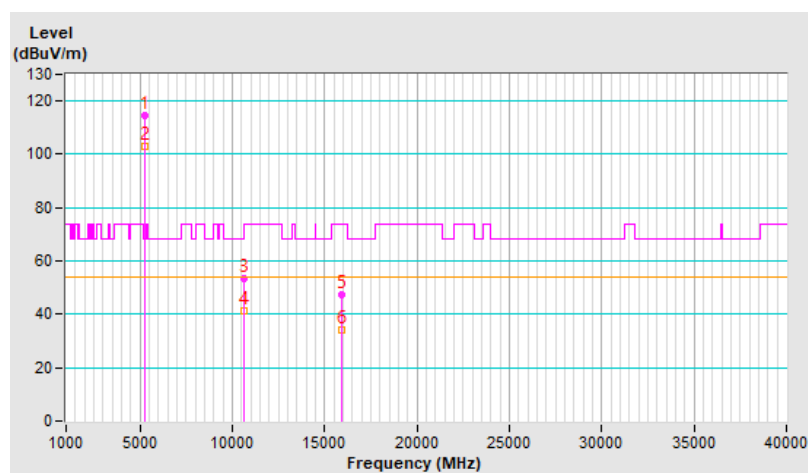


RF Mode	802.11ac (VHT20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	114.8 PK			1.51 H	57	112.4	2.4
2	*5300.00	103.0 AV			1.51 H	57	100.6	2.4
3	10600.00	53.5 PK	74.0	-20.5	1.41 H	151	40.6	12.9
4	10600.00	41.2 AV	54.0	-12.8	1.41 H	151	28.3	12.9
5	15900.00	47.1 PK	74.0	-26.9	1.38 H	115	35.0	12.1
6	15900.00	33.9 AV	54.0	-20.1	1.38 H	115	21.8	12.1

Remarks:

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

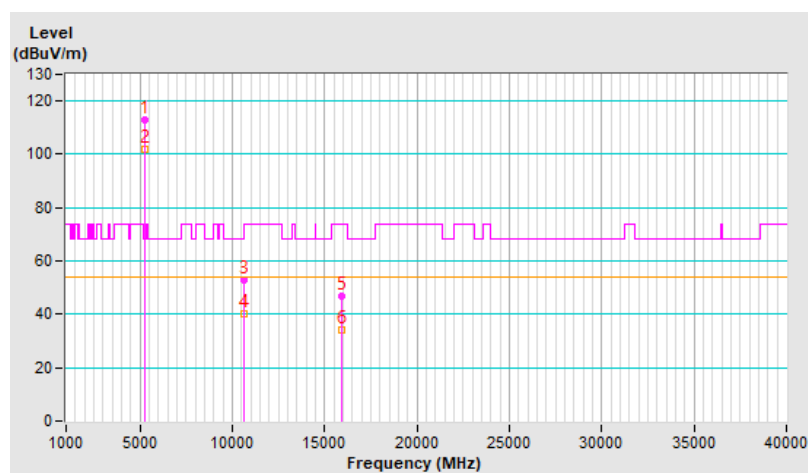


RF Mode	802.11ac (VHT20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	112.7 PK			3.51 V	26	110.3	2.4
2	*5300.00	102.1 AV			3.51 V	26	99.7	2.4
3	10600.00	53.1 PK	74.0	-20.9	2.59 V	234	40.2	12.9
4	10600.00	40.1 AV	54.0	-13.9	2.59 V	234	27.2	12.9
5	15900.00	47.0 PK	74.0	-27.0	1.15 V	37	34.9	12.1
6	15900.00	34.2 AV	54.0	-19.8	1.15 V	37	22.1	12.1

Remarks:

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

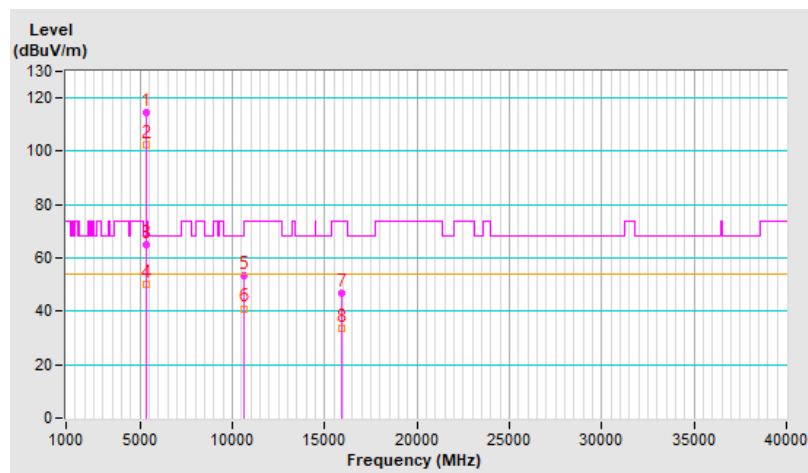


RF Mode	802.11ac (VHT20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	114.4 PK			1.25 H	50	111.8	2.6
2	*5320.00	102.3 AV			1.25 H	50	99.7	2.6
3	5350.00	64.8 PK	74.0	-9.2	1.25 H	50	62.0	2.8
4	5350.00	49.9 AV	54.0	-4.1	1.25 H	50	47.1	2.8
5	10640.00	53.2 PK	74.0	-20.8	1.36 H	166	40.1	13.1
6	10640.00	41.0 AV	54.0	-13.0	1.36 H	166	27.9	13.1
7	15960.00	46.8 PK	74.0	-27.2	1.34 H	121	34.4	12.4
8	15960.00	33.5 AV	54.0	-20.5	1.34 H	121	21.1	12.4

Remarks:

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

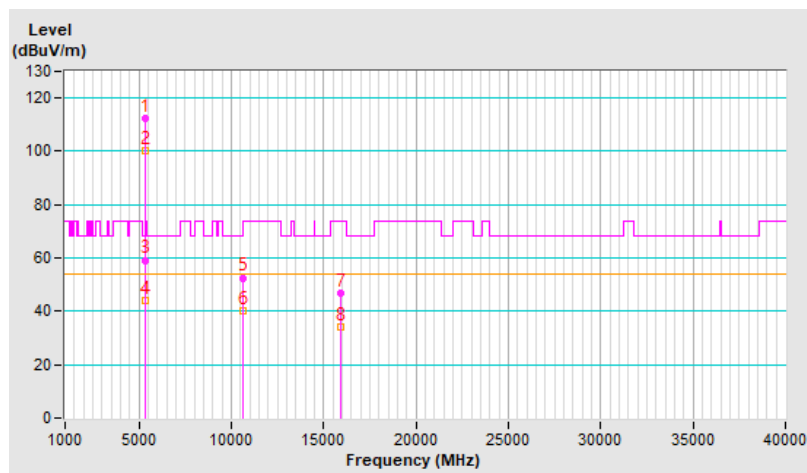


RF Mode	802.11ac (VHT20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	112.2 PK			3.89 V	309	109.6	2.6
2	*5320.00	100.1 AV			3.89 V	309	97.5	2.6
3	5350.00	59.2 PK	74.0	-14.8	3.89 V	309	56.4	2.8
4	5350.00	43.9 AV	54.0	-10.1	3.89 V	309	41.1	2.8
5	10640.00	52.6 PK	74.0	-21.4	2.48 V	230	39.5	13.1
6	10640.00	40.2 AV	54.0	-13.8	2.48 V	230	27.1	13.1
7	15960.00	46.6 PK	74.0	-27.4	1.11 V	43	34.2	12.4
8	15960.00	34.2 AV	54.0	-19.8	1.11 V	43	21.8	12.4

Remarks:

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

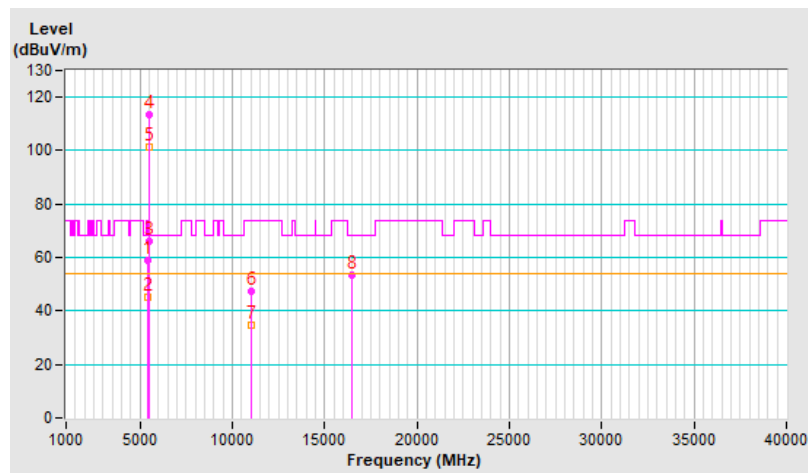


RF Mode	802.11ac (VHT20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	59.0 PK	74.0	-15.0	1.07 H	61	56.1	2.9
2	5460.00	45.0 AV	54.0	-9.0	1.07 H	61	42.1	2.9
3	#5470.00	66.3 PK	68.2	-1.9	1.07 H	61	63.4	2.9
4	*5500.00	113.6 PK			1.07 H	61	110.7	2.9
5	*5500.00	101.4 AV			1.07 H	61	98.5	2.9
6	11000.00	47.2 PK	74.0	-26.8	1.64 H	26	33.4	13.8
7	11000.00	34.5 AV	54.0	-19.5	1.64 H	26	20.7	13.8
8	#16500.00	53.2 PK	68.2	-15.0	1.10 H	148	38.5	14.7

Remarks:

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

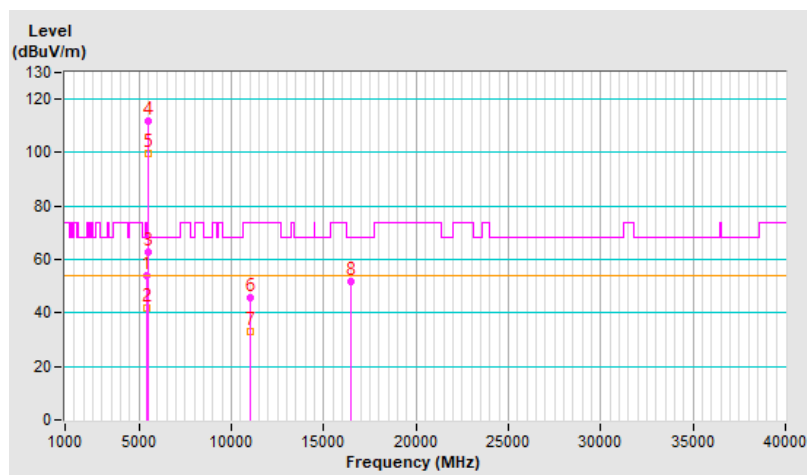


RF Mode	802.11ac (VHT20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	54.2 PK	74.0	-19.8	3.83 V	288	51.3	2.9
2	5460.00	41.6 AV	54.0	-12.4	3.83 V	288	38.7	2.9
3	#5470.00	63.0 PK	68.2	-5.2	3.83 V	288	60.1	2.9
4	*5500.00	111.9 PK			3.83 V	288	109.0	2.9
5	*5500.00	99.9 AV			3.83 V	288	97.0	2.9
6	11000.00	45.9 PK	74.0	-28.1	2.23 V	235	32.1	13.8
7	11000.00	33.2 AV	54.0	-20.8	2.23 V	235	19.4	13.8
8	#16500.00	51.6 PK	68.2	-16.6	1.29 V	53	36.9	14.7

Remarks:

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

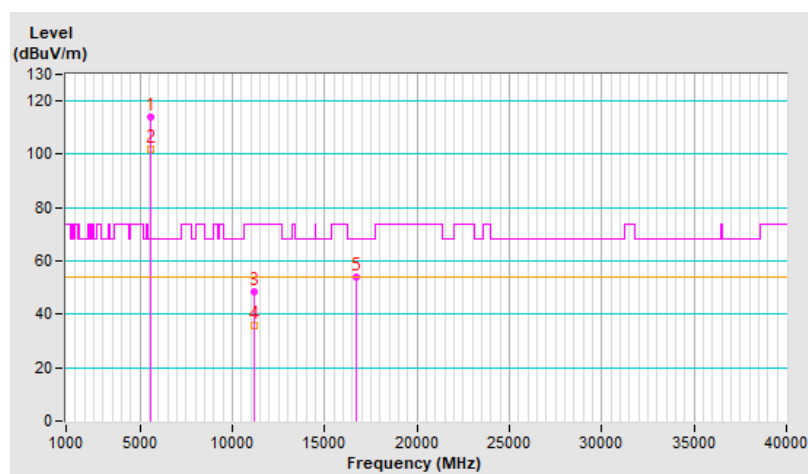


RF Mode	802.11ac (VHT20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	113.8 PK			1.08 H	56	111.1	2.7
2	*5580.00	102.1 AV			1.08 H	56	99.4	2.7
3	11160.00	48.4 PK	74.0	-25.6	1.60 H	16	35.2	13.2
4	11160.00	35.7 AV	54.0	-18.3	1.60 H	16	22.5	13.2
5	#16740.00	54.0 PK	68.2	-14.2	1.14 H	157	38.1	15.9

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.

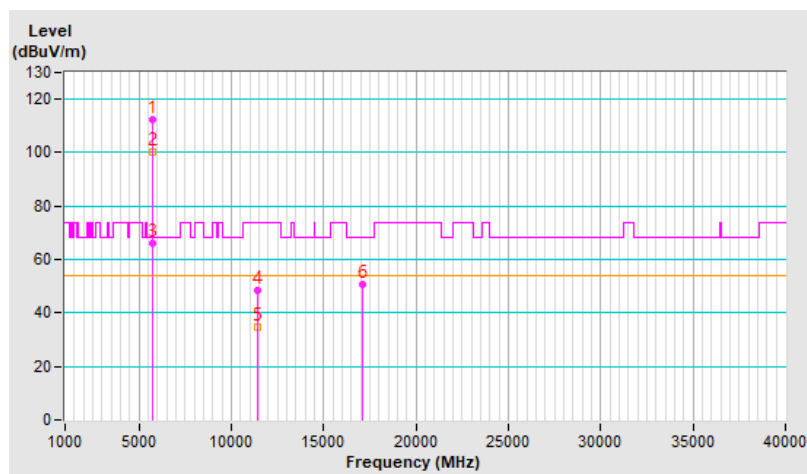


RF Mode	802.11ac (VHT20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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			1.13 H	38	109.6	2.9
2	*5700.00	100.2 AV			1.13 H	38	97.3	2.9
3	#5725.00	66.2 PK	68.2	-2.0	1.13 H	38	63.3	2.9
4	11400.00	48.2 PK	74.0	-25.8	1.64 H	35	34.9	13.3
5	11400.00	34.9 AV	54.0	-19.1	1.64 H	35	21.6	13.3
6	#17100.00	50.9 PK	68.2	-17.3	1.26 H	182	34.5	16.4

Remarks:

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

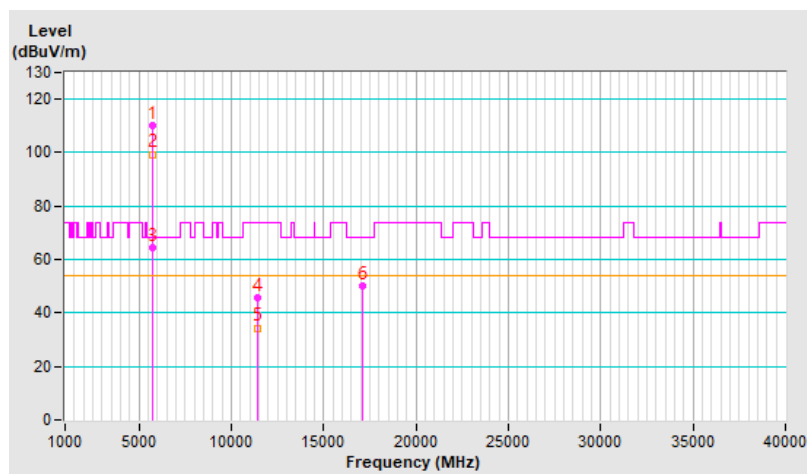


RF Mode	802.11ac (VHT20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	110.1 PK			3.26 V	23	107.2	2.9
2	*5700.00	99.4 AV			3.26 V	23	96.5	2.9
3	#5725.00	64.4 PK	68.2	-3.8	3.26 V	23	61.5	2.9
4	11400.00	45.5 PK	74.0	-28.5	2.50 V	257	32.2	13.3
5	11400.00	34.4 AV	54.0	-19.6	2.50 V	257	21.1	13.3
6	#17100.00	50.3 PK	68.2	-17.9	1.49 V	83	33.9	16.4

Remarks:

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

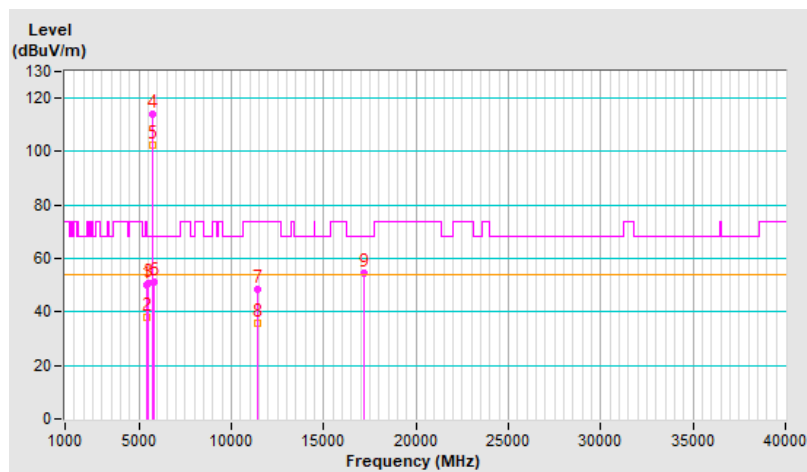


RF Mode	802.11ac (VHT20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	50.2 PK	74.0	-23.8	1.13 H	39	47.3	2.9
2	5460.00	37.9 AV	54.0	-16.1	1.13 H	39	35.0	2.9
3	#5470.00	50.6 PK	68.2	-17.6	1.13 H	39	47.7	2.9
4	*5720.00	114.2 PK			1.13 H	39	111.3	2.9
5	*5720.00	102.4 AV			1.13 H	39	99.5	2.9
6	#5850.00	51.3 PK	68.2	-16.9	1.13 H	39	48.0	3.3
7	11440.00	48.5 PK	74.0	-25.5	1.59 H	39	35.3	13.2
8	11440.00	35.8 AV	54.0	-18.2	1.59 H	39	22.6	13.2
9	#17160.00	54.6 PK	68.2	-13.6	1.16 H	138	37.8	16.8

Remarks:

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

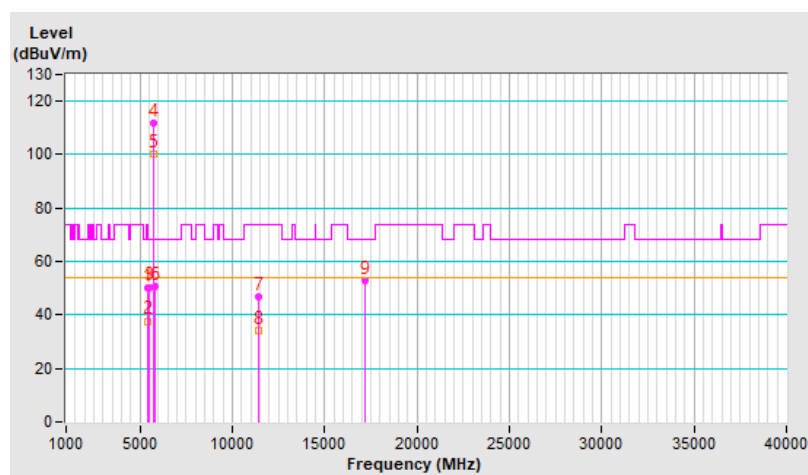


RF Mode	802.11ac (VHT20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	49.9 PK	74.0	-24.1	3.77 V	265	47.0	2.9
2	5460.00	37.7 AV	54.0	-16.3	3.77 V	265	34.8	2.9
3	#5470.00	50.4 PK	68.2	-17.8	3.77 V	265	47.5	2.9
4	*5720.00	112.0 PK			3.77 V	265	109.1	2.9
5	*5720.00	100.3 AV			3.77 V	265	97.4	2.9
6	#5850.00	50.9 PK	68.2	-17.3	3.77 V	265	47.6	3.3
7	11440.00	46.8 PK	74.0	-27.2	2.34 V	246	33.6	13.2
8	11440.00	34.3 AV	54.0	-19.7	2.34 V	246	21.1	13.2
9	#17160.00	53.0 PK	68.2	-15.2	1.29 V	70	36.2	16.8

Remarks:

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

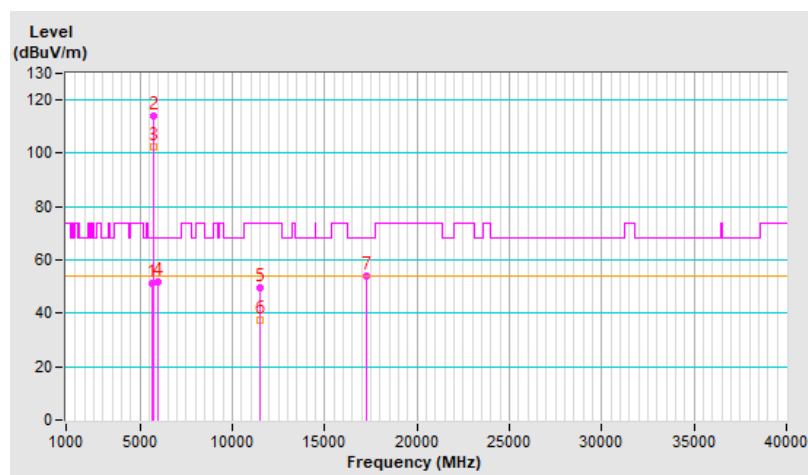


RF Mode	802.11ac (VHT20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5636.50	51.3 PK	68.2	-16.9	1.09 H	35	48.6	2.7
2	*5745.00	114.1 PK			1.09 H	35	111.1	3.0
3	*5745.00	102.2 AV			1.09 H	35	99.2	3.0
4	#5940.80	51.7 PK	68.2	-16.5	1.09 H	35	48.5	3.2
5	11490.00	49.4 PK	74.0	-24.6	1.83 H	29	36.4	13.0
6	11490.00	37.4 AV	54.0	-16.6	1.83 H	29	24.4	13.0
7	#17235.00	53.9 PK	68.2	-14.3	1.23 H	150	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.

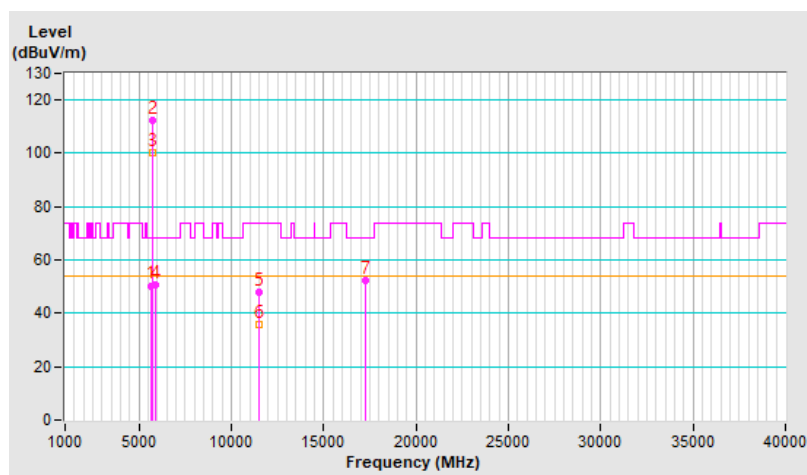


RF Mode	802.11ac (VHT20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5626.30	50.4 PK	68.2	-17.8	3.93 V	272	47.7	2.7
2	*5745.00	112.4 PK			3.93 V	272	109.4	3.0
3	*5745.00	100.1 AV			3.93 V	272	97.1	3.0
4	#5928.10	50.5 PK	68.2	-17.7	3.93 V	272	47.3	3.2
5	11490.00	48.1 PK	74.0	-25.9	1.27 V	37	35.1	13.0
6	11490.00	35.8 AV	54.0	-18.2	1.27 V	37	22.8	13.0
7	#17235.00	52.3 PK	68.2	-15.9	1.22 V	85	35.0	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.

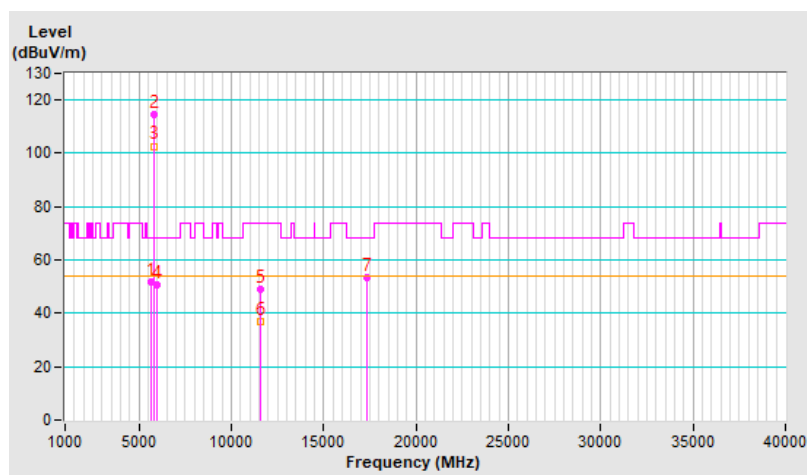


RF Mode	802.11ac (VHT20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5640.20	51.9 PK	68.2	-16.3	1.23 H	34	49.2	2.7
2	*5785.00	114.4 PK			1.23 H	34	111.2	3.2
3	*5785.00	102.7 AV			1.23 H	34	99.5	3.2
4	#5954.70	50.9 PK	68.2	-17.3	1.23 H	34	47.7	3.2
5	11570.00	49.1 PK	74.0	-24.9	1.77 H	42	35.9	13.2
6	11570.00	37.1 AV	54.0	-16.9	1.77 H	42	23.9	13.2
7	#17355.00	53.4 PK	68.2	-14.8	1.23 H	153	34.9	18.5

Remarks:

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

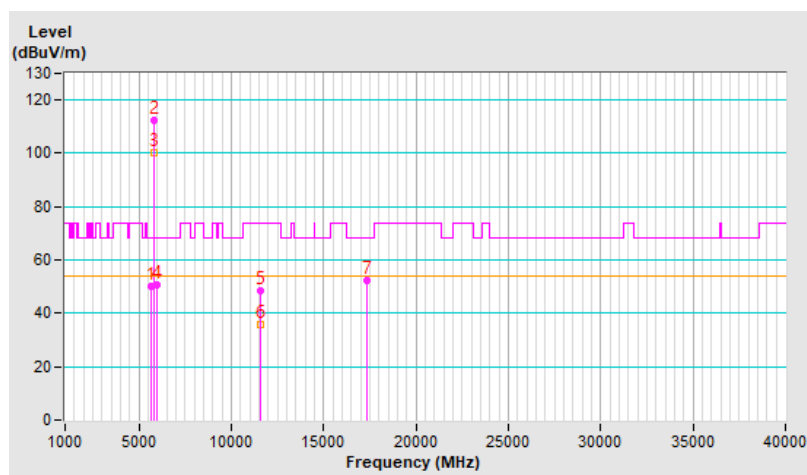


RF Mode	802.11ac (VHT20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5637.20	50.2 PK	68.2	-18.0	3.66 V	360	47.5	2.7
2	*5785.00	112.6 PK			3.66 V	360	109.4	3.2
3	*5785.00	100.4 AV			3.66 V	360	97.2	3.2
4	#5955.70	50.7 PK	68.2	-17.5	3.66 V	360	47.5	3.2
5	11570.00	48.6 PK	74.0	-25.4	1.23 V	50	35.4	13.2
6	11570.00	36.0 AV	54.0	-18.0	1.23 V	50	22.8	13.2
7	#17355.00	52.5 PK	68.2	-15.7	1.26 V	73	34.0	18.5

Remarks:

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

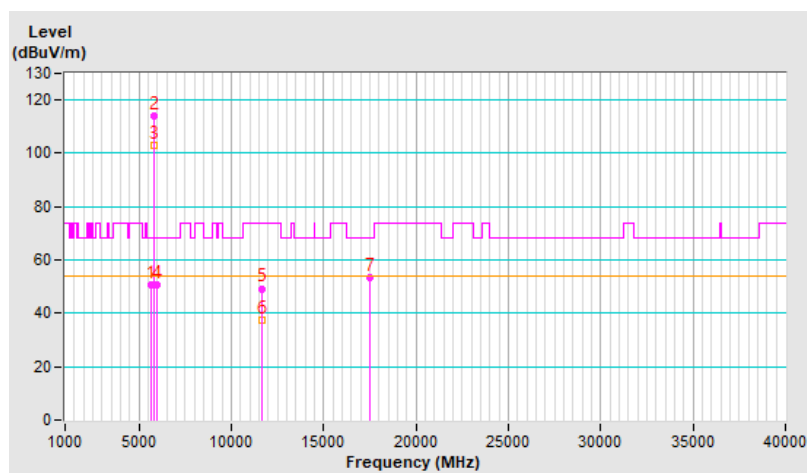


RF Mode	802.11ac (VHT20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5623.70	50.7 PK	68.2	-17.5	1.15 H	33	48.0	2.7
2	*5825.00	113.9 PK			1.15 H	33	110.6	3.3
3	*5825.00	102.8 AV			1.15 H	33	99.5	3.3
4	#5949.10	50.9 PK	68.2	-17.3	1.15 H	33	47.7	3.2
5	11650.00	49.3 PK	74.0	-24.7	1.78 H	50	36.2	13.1
6	11650.00	37.3 AV	54.0	-16.7	1.78 H	50	24.2	13.1
7	#17475.00	53.2 PK	68.2	-15.0	1.24 H	164	33.1	20.1

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.

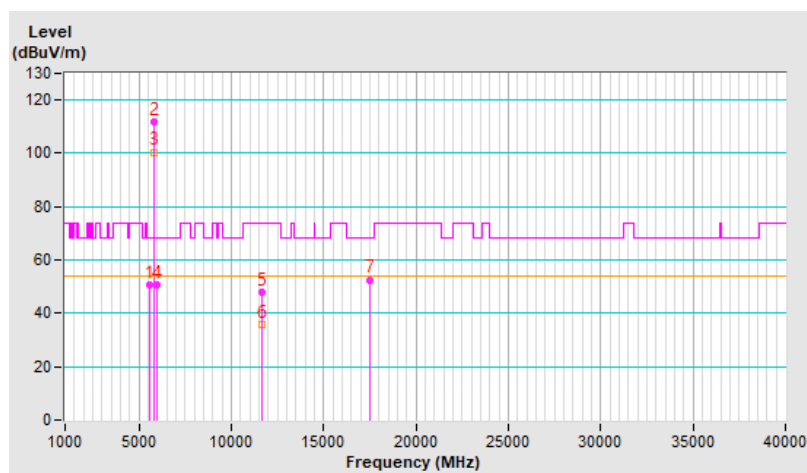


RF Mode	802.11ac (VHT20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5613.80	50.5 PK	68.2	-17.7	3.15 V	25	47.8	2.7
2	*5825.00	112.0 PK			3.15 V	25	108.7	3.3
3	*5825.00	100.5 AV			3.15 V	25	97.2	3.3
4	#5949.70	50.5 PK	68.2	-17.7	3.15 V	25	47.3	3.2
5	11650.00	48.1 PK	74.0	-25.9	1.24 V	42	35.0	13.1
6	11650.00	35.6 AV	54.0	-18.4	1.24 V	42	22.5	13.1
7	#17475.00	52.6 PK	68.2	-15.6	1.23 V	87	32.5	20.1

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.

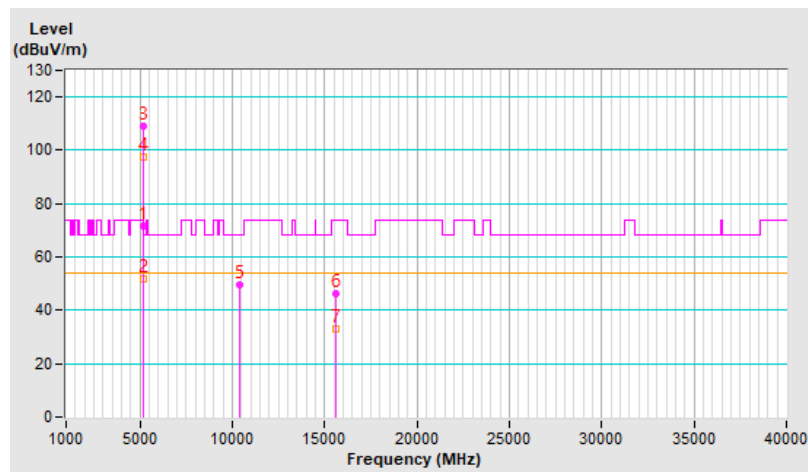


RF Mode	802.11ac (VHT40)	Channel	CH 38 : 5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	71.6 PK	74.0	-2.4	1.32 H	52	68.2	3.4
2	5150.00	51.8 AV	54.0	-2.2	1.32 H	52	48.4	3.4
3	*5190.00	109.3 PK			1.32 H	52	106.3	3.0
4	*5190.00	97.4 AV			1.32 H	52	94.4	3.0
5	#10380.00	49.5 PK	68.2	-18.7	1.24 H	130	36.5	13.0
6	15570.00	46.3 PK	74.0	-27.7	1.46 H	149	35.3	11.0
7	15570.00	33.0 AV	54.0	-21.0	1.46 H	149	22.0	11.0

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.

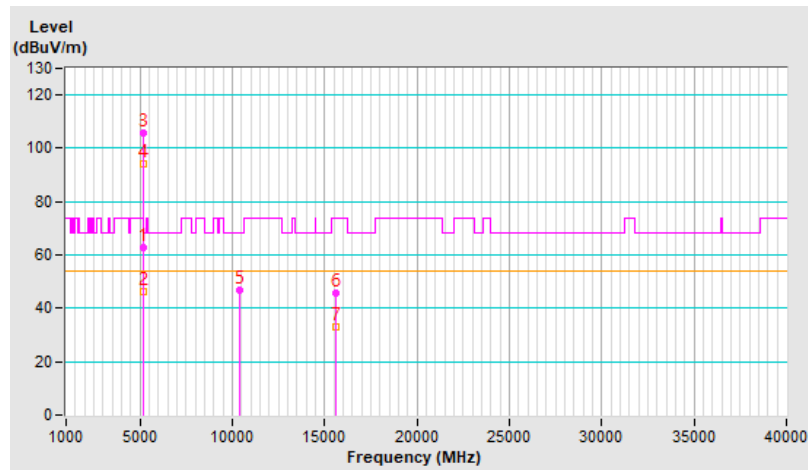


RF Mode	802.11ac (VHT40)	Channel	CH 38 : 5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	62.9 PK	74.0	-11.1	3.87 V	281	59.5	3.4
2	5150.00	46.1 AV	54.0	-7.9	3.87 V	281	42.7	3.4
3	*5190.00	105.5 PK			3.87 V	281	102.5	3.0
4	*5190.00	94.3 AV			3.87 V	281	91.3	3.0
5	#10380.00	46.6 PK	68.2	-21.6	1.30 V	279	33.6	13.0
6	15570.00	45.9 PK	74.0	-28.1	1.33 V	93	34.9	11.0
7	15570.00	32.8 AV	54.0	-21.2	1.33 V	93	21.8	11.0

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.

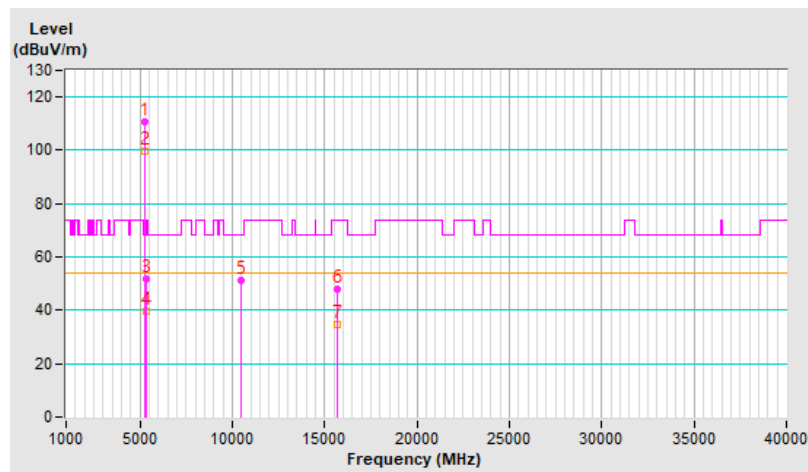


RF Mode	802.11ac (VHT40)	Channel	CH 46 : 5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5230.00	110.9 PK			1.23 H	69	108.1	2.8
2	*5230.00	99.6 AV			1.23 H	69	96.8	2.8
3	5350.00	51.8 PK	74.0	-22.2	1.23 H	69	49.0	2.8
4	5350.00	39.6 AV	54.0	-14.4	1.23 H	69	36.8	2.8
5	#10460.00	51.0 PK	68.2	-17.2	1.25 H	106	38.2	12.8
6	15690.00	47.7 PK	74.0	-26.3	1.17 H	158	36.5	11.2
7	15690.00	34.6 AV	54.0	-19.4	1.17 H	158	23.4	11.2

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.

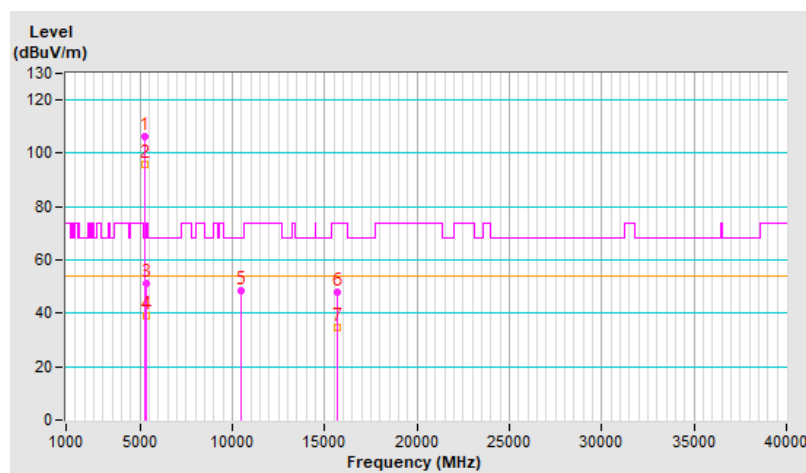


RF Mode	802.11ac (VHT40)	Channel	CH 46 : 5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5230.00	106.1 PK			3.82 V	273	103.3	2.8
2	*5230.00	95.6 AV			3.82 V	273	92.8	2.8
3	5350.00	51.4 PK	74.0	-22.6	3.82 V	273	48.6	2.8
4	5350.00	39.2 AV	54.0	-14.8	3.82 V	273	36.4	2.8
5	#10460.00	48.5 PK	68.2	-19.7	1.17 V	274	35.7	12.8
6	15690.00	47.9 PK	74.0	-26.1	1.16 V	73	36.7	11.2
7	15690.00	34.9 AV	54.0	-19.1	1.16 V	73	23.7	11.2

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.

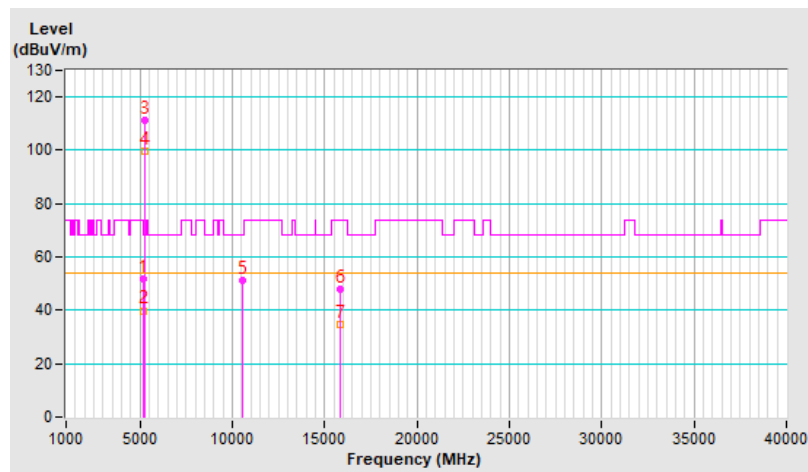


RF Mode	802.11ac (VHT40)	Channel	CH 54 : 5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	1.01 H	65	48.6	3.4
2	5150.00	39.9 AV	54.0	-14.1	1.01 H	65	36.5	3.4
3	*5270.00	111.0 PK			1.01 H	65	108.4	2.6
4	*5270.00	99.5 AV			1.01 H	65	96.9	2.6
5	#10540.00	51.3 PK	68.2	-16.9	1.30 H	91	38.5	12.8
6	15810.00	47.8 PK	74.0	-26.2	1.18 H	149	35.9	11.9
7	15810.00	34.9 AV	54.0	-19.1	1.18 H	149	23.0	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.

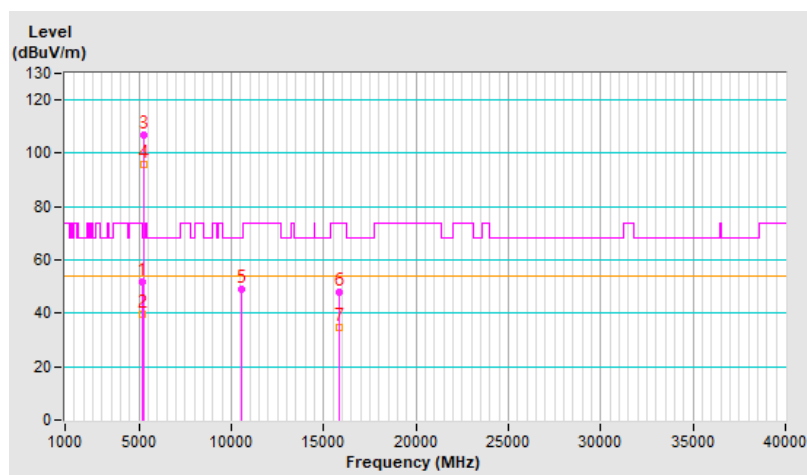


RF Mode	802.11ac (VHT40)	Channel	CH 54 : 5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	52.0 PK	74.0	-22.0	3.96 V	273	48.6	3.4
2	5150.00	39.8 AV	54.0	-14.2	3.96 V	273	36.4	3.4
3	*5270.00	106.6 PK			3.96 V	273	104.0	2.6
4	*5270.00	95.9 AV			3.96 V	273	93.3	2.6
5	#10540.00	48.8 PK	68.2	-19.4	1.16 V	278	36.0	12.8
6	15810.00	47.7 PK	74.0	-26.3	1.19 V	78	35.8	11.9
7	15810.00	34.5 AV	54.0	-19.5	1.19 V	78	22.6	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.

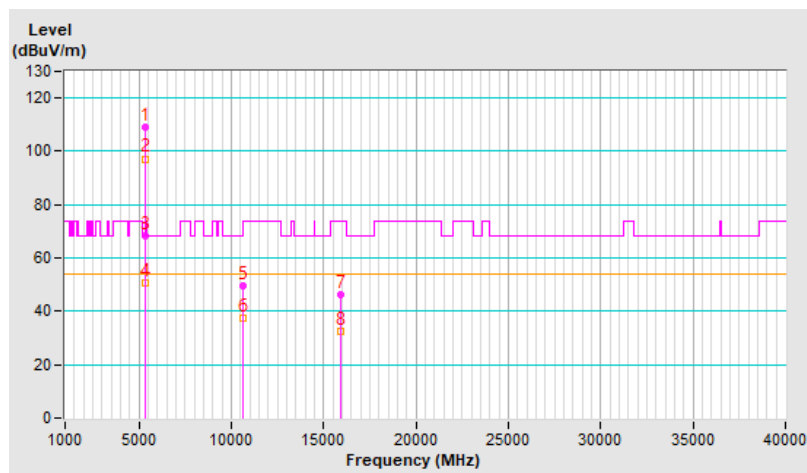


RF Mode	802.11ac (VHT40)	Channel	CH 62 : 5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5310.00	109.3 PK			1.24 H	49	106.7	2.6
2	*5310.00	97.2 AV			1.24 H	49	94.6	2.6
3	5350.00	68.2 PK	74.0	-5.8	1.24 H	49	65.4	2.8
4	5350.00	50.9 AV	54.0	-3.1	1.24 H	49	48.1	2.8
5	10620.00	49.4 PK	74.0	-24.6	1.27 H	138	36.3	13.1
6	10620.00	37.2 AV	54.0	-16.8	1.27 H	138	24.1	13.1
7	15930.00	46.1 PK	74.0	-27.9	1.44 H	149	33.8	12.3
8	15930.00	32.6 AV	54.0	-21.4	1.44 H	149	20.3	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.

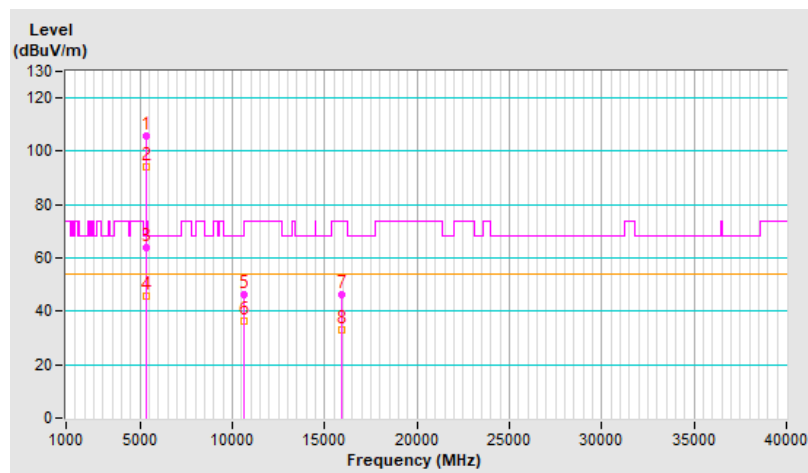


RF Mode	802.11ac (VHT40)	Channel	CH 62 : 5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5310.00	105.6 PK			3.90 V	308	103.0	2.6
2	*5310.00	94.1 AV			3.90 V	308	91.5	2.6
3	5350.00	63.9 PK	74.0	-10.1	3.90 V	308	61.1	2.8
4	5350.00	45.7 AV	54.0	-8.3	3.90 V	308	42.9	2.8
5	10620.00	46.1 PK	74.0	-27.9	1.28 V	265	33.0	13.1
6	10620.00	36.4 AV	54.0	-17.6	1.28 V	265	23.3	13.1
7	15930.00	46.3 PK	74.0	-27.7	1.26 V	77	34.0	12.3
8	15930.00	33.2 AV	54.0	-20.8	1.26 V	77	20.9	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.

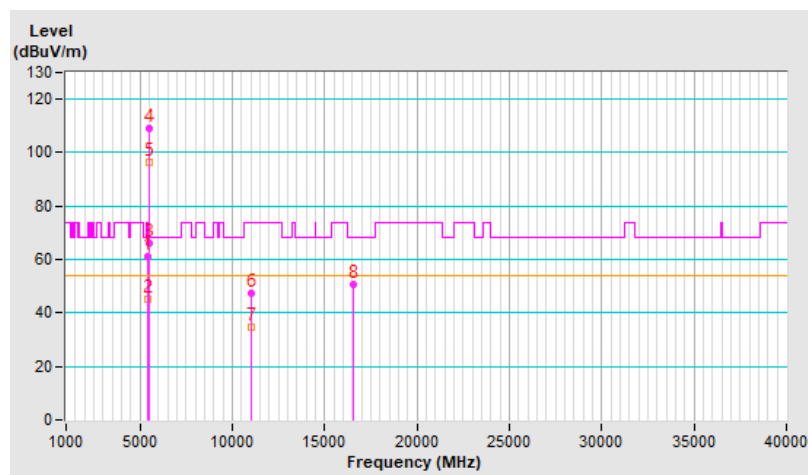


RF Mode	802.11ac (VHT40)	Channel	CH 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	61.0 PK	74.0	-13.0	1.36 H	153	58.1	2.9
2	5460.00	44.9 AV	54.0	-9.1	1.36 H	153	42.0	2.9
3	#5470.00	66.1 PK	68.2	-2.1	1.36 H	153	63.2	2.9
4	*5510.00	108.9 PK			1.36 H	153	106.0	2.9
5	*5510.00	96.3 AV			1.36 H	153	93.4	2.9
6	11020.00	47.1 PK	74.0	-26.9	1.76 H	360	33.3	13.8
7	11020.00	34.7 AV	54.0	-19.3	1.76 H	360	20.9	13.8
8	#16530.00	50.9 PK	68.2	-17.3	1.27 H	360	36.2	14.7

Remarks:

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

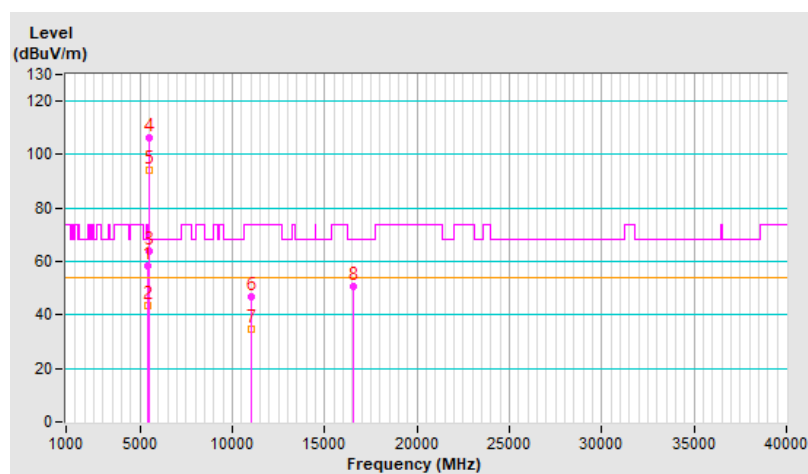


RF Mode	802.11ac (VHT40)	Channel	CH 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	58.3 PK	74.0	-15.7	3.93 V	360	55.4	2.9
2	5460.00	43.4 AV	54.0	-10.6	3.93 V	360	40.5	2.9
3	#5470.00	63.8 PK	68.2	-4.4	3.93 V	360	60.9	2.9
4	*5510.00	106.2 PK			3.93 V	360	103.3	2.9
5	*5510.00	94.3 AV			3.93 V	360	91.4	2.9
6	11020.00	46.7 PK	74.0	-27.3	1.50 V	360	32.9	13.8
7	11020.00	34.5 AV	54.0	-19.5	1.50 V	360	20.7	13.8
8	#16530.00	50.5 PK	68.2	-17.7	1.13 V	360	35.8	14.7

Remarks:

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

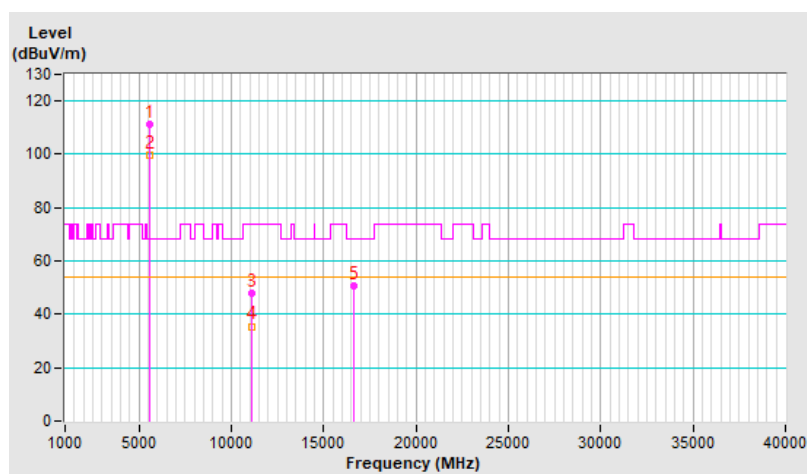


RF Mode	802.11ac (VHT40)	Channel	CH 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5550.00	111.0 PK			1.02 H	73	108.1	2.9
2	*5550.00	99.5 AV			1.02 H	73	96.6	2.9
3	11100.00	47.7 PK	74.0	-26.3	1.66 H	360	34.0	13.7
4	11100.00	35.5 AV	54.0	-18.5	1.66 H	360	21.8	13.7
5	#16650.00	50.5 PK	68.2	-17.7	1.19 H	356	35.1	15.4

Remarks:

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

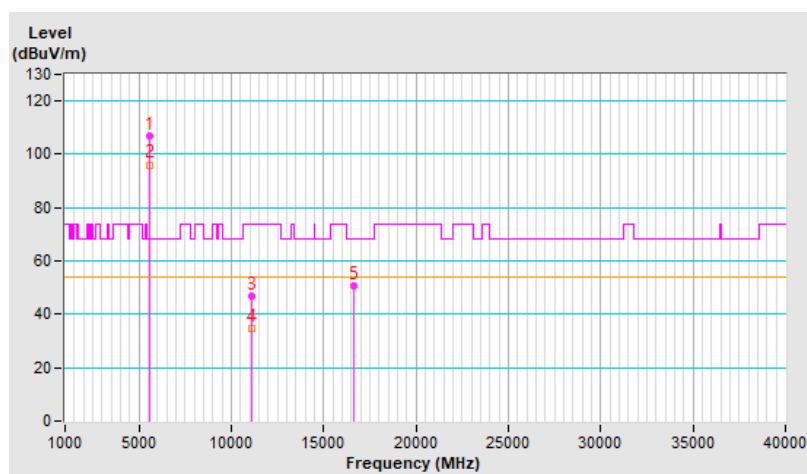


RF Mode	802.11ac (VHT40)	Channel	CH 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5550.00	106.9 PK			3.88 V	268	104.0	2.9
2	*5550.00	96.1 AV			3.88 V	268	93.2	2.9
3	11100.00	47.0 PK	74.0	-27.0	1.53 V	360	33.3	13.7
4	11100.00	34.9 AV	54.0	-19.1	1.53 V	360	21.2	13.7
5	#16650.00	50.6 PK	68.2	-17.6	1.10 V	360	35.2	15.4

Remarks:

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

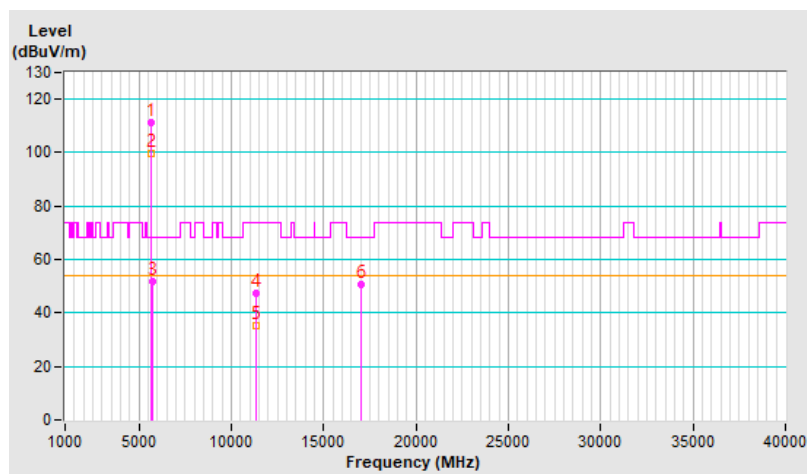


RF Mode	802.11ac (VHT40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5670.00	111.1 PK			1.03 H	67	108.3	2.8
2	*5670.00	99.8 AV			1.03 H	67	97.0	2.8
3	#5725.00	51.7 PK	68.2	-16.5	1.03 H	67	48.8	2.9
4	11340.00	47.5 PK	74.0	-26.5	1.71 H	360	34.2	13.3
5	11340.00	35.1 AV	54.0	-18.9	1.71 H	360	21.8	13.3
6	#17010.00	50.8 PK	68.2	-17.4	1.20 H	360	33.9	16.9

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.

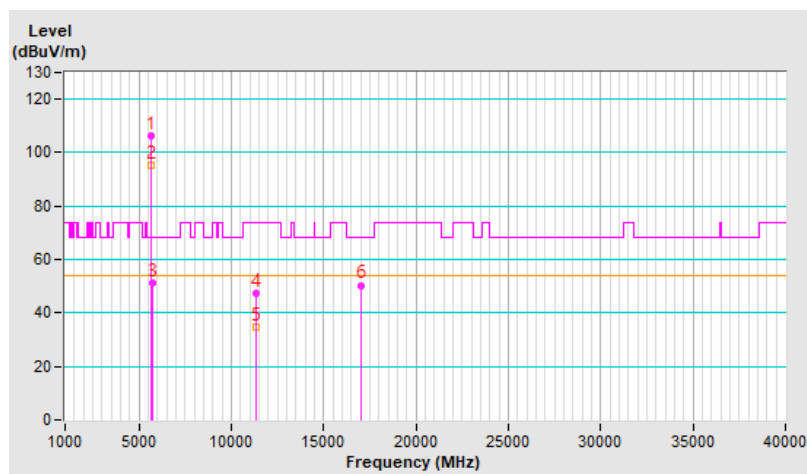


RF Mode	802.11ac (VHT40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5670.00	106.5 PK			3.93 V	273	103.7	2.8
2	*5670.00	95.5 AV			3.93 V	273	92.7	2.8
3	#5725.00	51.1 PK	68.2	-17.1	3.93 V	273	48.2	2.9
4	11340.00	47.4 PK	74.0	-26.6	1.51 V	360	34.1	13.3
5	11340.00	34.9 AV	54.0	-19.1	1.51 V	360	21.6	13.3
6	#17010.00	50.4 PK	68.2	-17.8	1.17 V	360	33.5	16.9

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.

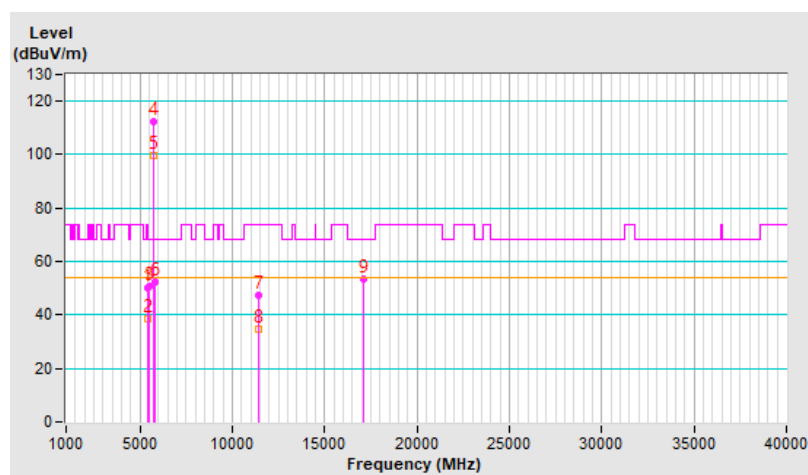


RF Mode	802.11ac (VHT40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	50.1 PK	74.0	-23.9	1.16 H	39	47.2	2.9
2	5460.00	38.4 AV	54.0	-15.6	1.16 H	39	35.5	2.9
3	#5470.00	50.7 PK	68.2	-17.5	1.16 H	39	47.8	2.9
4	*5710.00	112.2 PK			1.16 H	39	109.3	2.9
5	*5710.00	99.6 AV			1.16 H	39	96.7	2.9
6	#5850.00	52.2 PK	68.2	-16.0	1.16 H	39	48.9	3.3
7	11420.00	47.2 PK	74.0	-26.8	1.81 H	356	33.9	13.3
8	11420.00	34.7 AV	54.0	-19.3	1.81 H	356	21.4	13.3
9	#17130.00	53.4 PK	68.2	-14.8	1.30 H	74	36.8	16.6

Remarks:

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

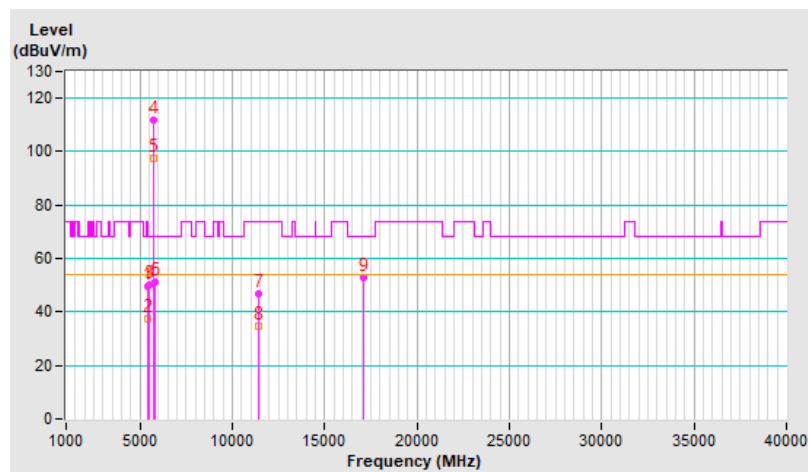


RF Mode	802.11ac (VHT40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	3.81 V	16	46.9	2.9
2	5460.00	37.4 AV	54.0	-16.6	3.81 V	16	34.5	2.9
3	#5470.00	50.2 PK	68.2	-18.0	3.81 V	16	47.3	2.9
4	*5710.00	111.6 PK			3.81 V	16	108.7	2.9
5	*5710.00	97.6 AV			3.81 V	16	94.7	2.9
6	#5850.00	51.0 PK	68.2	-17.2	3.81 V	16	47.7	3.3
7	11420.00	46.9 PK	74.0	-27.1	1.70 V	360	33.6	13.3
8	11420.00	34.5 AV	54.0	-19.5	1.70 V	360	21.2	13.3
9	#17130.00	52.7 PK	68.2	-15.5	1.41 V	360	36.1	16.6

Remarks:

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

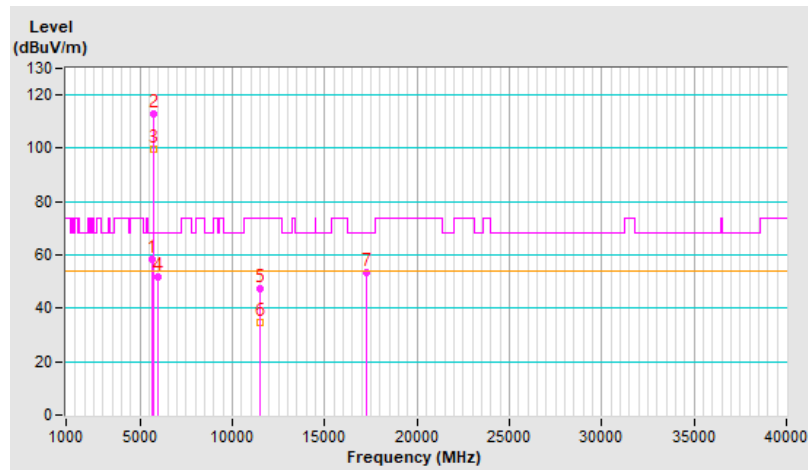


RF Mode	802.11ac (VHT40)	Channel	CH 151 : 5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5649.90	58.6 PK	68.2	-9.6	1.06 H	35	55.9	2.7
2	*5755.00	113.1 PK			1.06 H	35	110.0	3.1
3	*5755.00	99.5 AV			1.06 H	35	96.4	3.1
4	#5959.70	51.7 PK	68.2	-16.5	1.06 H	35	48.5	3.2
5	11510.00	47.2 PK	74.0	-26.8	1.80 H	359	34.2	13.0
6	11510.00	34.9 AV	54.0	-19.1	1.80 H	359	21.9	13.0
7	#17265.00	53.2 PK	68.2	-15.0	1.31 H	71	35.7	17.5

Remarks:

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

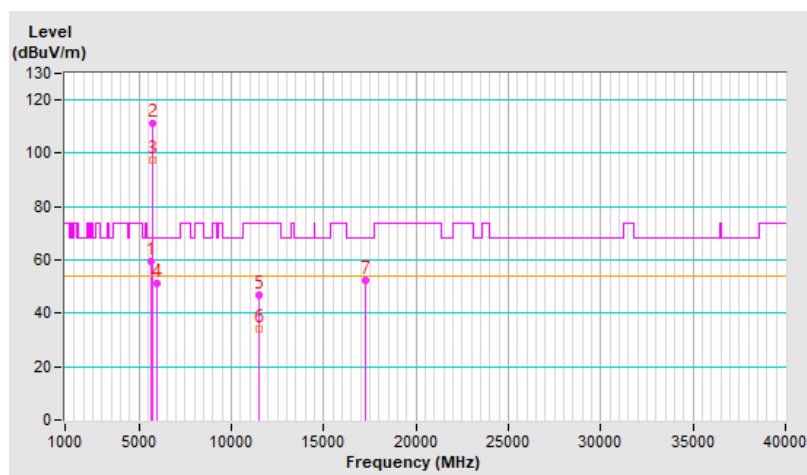


RF Mode	802.11ac (VHT40)	Channel	CH 151 : 5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5647.90	59.4 PK	68.2	-8.8	4.00 V	349	56.7	2.7
2	*5755.00	111.3 PK			4.00 V	349	108.2	3.1
3	*5755.00	97.3 AV			4.00 V	349	94.2	3.1
4	#5948.80	51.2 PK	68.2	-17.0	4.00 V	349	48.0	3.2
5	11510.00	46.7 PK	74.0	-27.3	1.70 V	360	33.7	13.0
6	11510.00	34.3 AV	54.0	-19.7	1.70 V	360	21.3	13.0
7	#17265.00	52.2 PK	68.2	-16.0	1.41 V	360	34.7	17.5

Remarks:

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

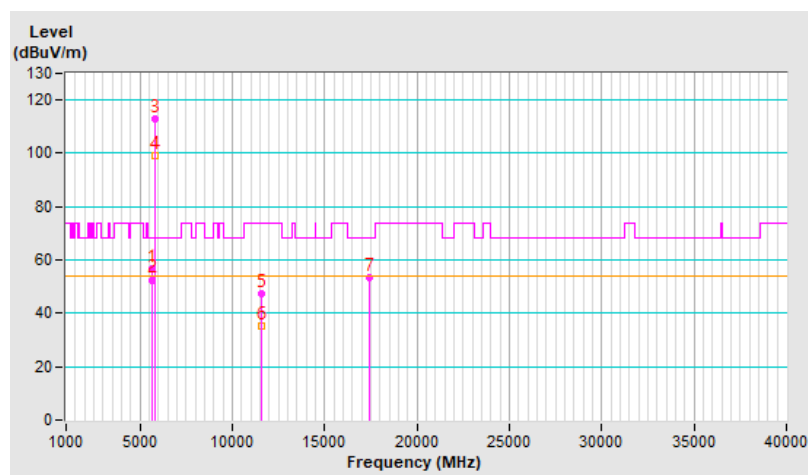


RF Mode	802.11ac (VHT40)	Channel	CH 159 : 5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5632.70	56.9 PK	68.2	-11.3	1.05 H	48	54.2	2.7
2	#5644.10	52.6 PK	68.2	-15.6	1.05 H	48	49.9	2.7
3	*5795.00	112.8 PK			1.05 H	48	109.6	3.2
4	*5795.00	99.3 AV			1.05 H	48	96.1	3.2
5	11590.00	47.4 PK	74.0	-26.6	1.74 H	330	34.2	13.2
6	11590.00	35.0 AV	54.0	-19.0	1.74 H	330	21.8	13.2
7	#17385.00	53.3 PK	68.2	-14.9	1.20 H	102	34.4	18.9

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.

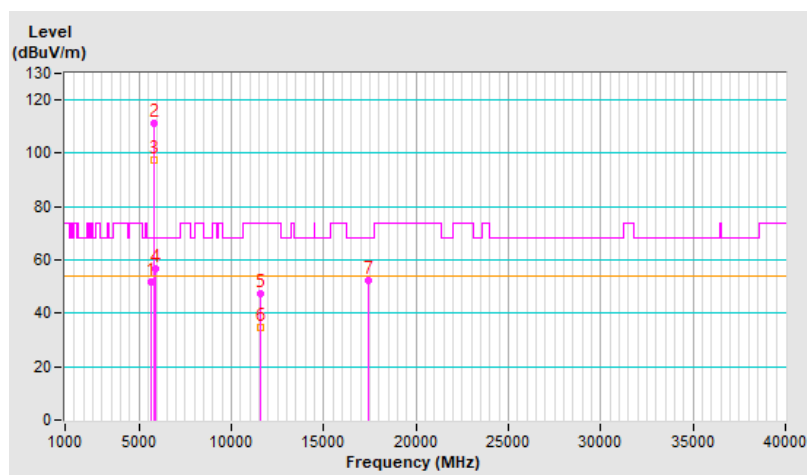


RF Mode	802.11ac (VHT40)	Channel	CH 159 : 5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5642.20	51.7 PK	68.2	-16.5	3.95 V	274	49.0	2.7
2	*5795.00	111.2 PK			3.95 V	274	108.0	3.2
3	*5795.00	97.3 AV			3.95 V	274	94.1	3.2
4	#5932.60	56.7 PK	68.2	-11.5	3.95 V	274	53.5	3.2
5	11590.00	47.2 PK	74.0	-26.8	1.65 V	360	34.0	13.2
6	11590.00	34.6 AV	54.0	-19.4	1.65 V	360	21.4	13.2
7	#17385.00	52.3 PK	68.2	-15.9	1.37 V	360	33.4	18.9

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.

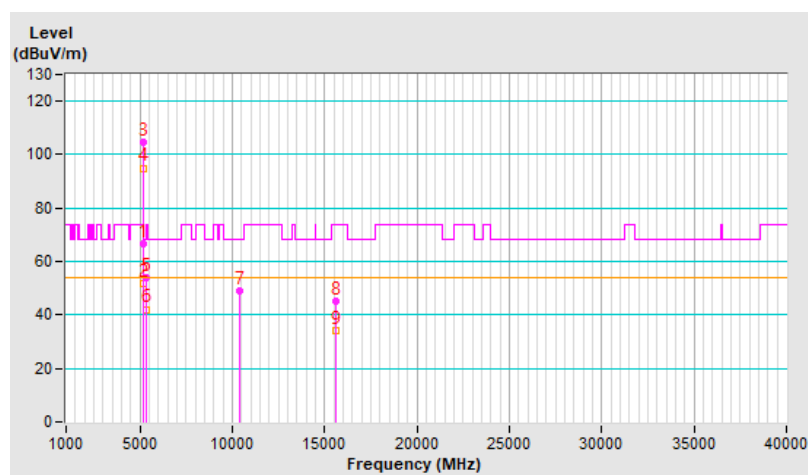


RF Mode	802.11ac (VHT80)	Channel	CH 42 : 5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	66.6 PK	74.0	-7.4	1.06 H	50	63.2	3.4
2	5150.00	51.9 AV	54.0	-2.1	1.06 H	50	48.5	3.4
3	*5210.00	104.5 PK			1.06 H	50	101.5	3.0
4	*5210.00	95.0 AV			1.06 H	50	92.0	3.0
5	5350.00	53.9 PK	74.0	-20.1	1.06 H	50	51.1	2.8
6	5350.00	42.1 AV	54.0	-11.9	1.06 H	50	39.3	2.8
7	#10420.00	48.8 PK	68.2	-19.4	1.20 H	123	35.8	13.0
8	15630.00	45.2 PK	74.0	-28.8	1.53 H	360	34.3	10.9
9	15630.00	34.1 AV	54.0	-19.9	1.53 H	360	23.2	10.9

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.

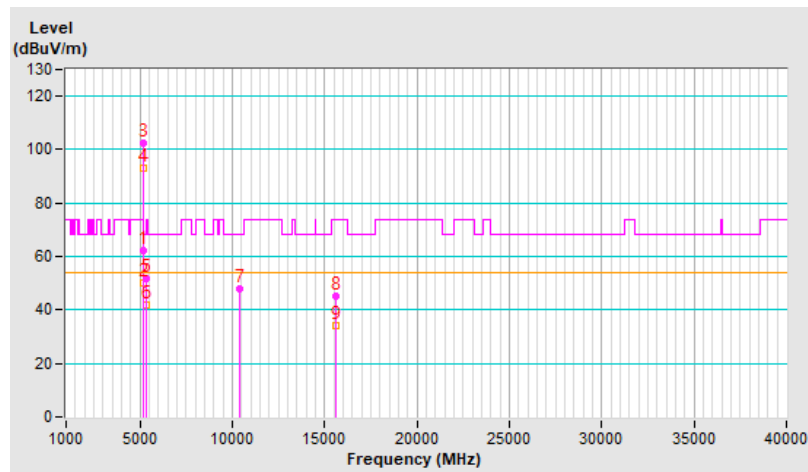


RF Mode	802.11ac (VHT80)	Channel	CH 42 : 5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	62.4 PK	74.0	-11.6	3.93 V	360	59.0	3.4
2	5150.00	50.1 AV	54.0	-3.9	3.93 V	360	46.7	3.4
3	*5210.00	102.5 PK			3.93 V	360	99.5	3.0
4	*5210.00	93.1 AV			3.93 V	360	90.1	3.0
5	5350.00	52.0 PK	74.0	-22.0	3.93 V	360	49.2	2.8
6	5350.00	41.7 AV	54.0	-12.3	3.93 V	360	38.9	2.8
7	#10420.00	48.0 PK	68.2	-20.2	1.53 V	249	35.0	13.0
8	15630.00	45.1 PK	74.0	-28.9	2.28 V	75	34.2	10.9
9	15630.00	33.9 AV	54.0	-20.1	2.28 V	75	23.0	10.9

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.

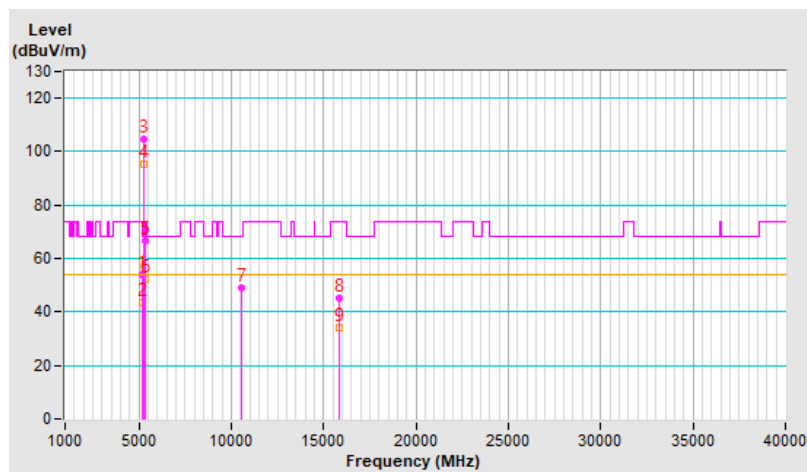


RF Mode	802.11ac (VHT80)	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	1.17 H	67	50.5	3.4
2	5150.00	43.6 AV	54.0	-10.4	1.17 H	67	40.2	3.4
3	*5290.00	104.6 PK			1.17 H	67	102.2	2.4
4	*5290.00	95.1 AV			1.17 H	67	92.7	2.4
5	5350.00	66.8 PK	74.0	-7.2	1.17 H	67	64.0	2.8
6	5350.00	52.2 AV	54.0	-1.8	1.17 H	67	49.4	2.8
7	#10580.00	49.0 PK	68.2	-19.2	1.55 H	248	36.2	12.8
8	15870.00	45.1 PK	74.0	-28.9	1.46 H	360	33.1	12.0
9	15870.00	34.1 AV	54.0	-19.9	1.46 H	360	22.1	12.0

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.

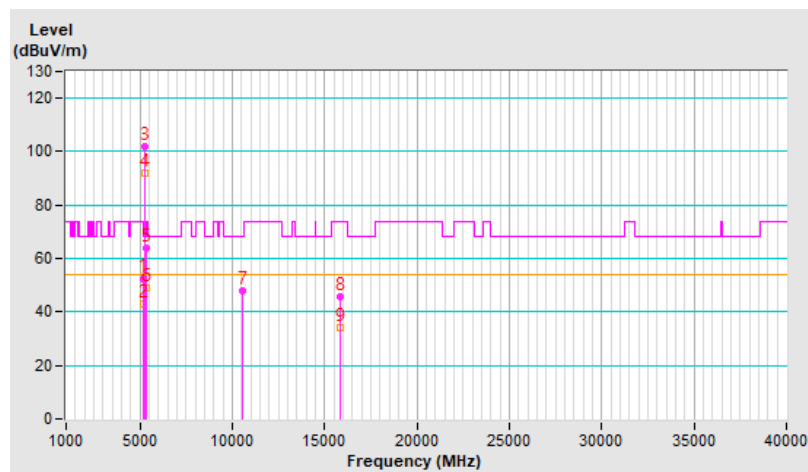


RF Mode	802.11ac (VHT80)	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	52.6 PK	74.0	-21.4	3.86 V	285	49.2	3.4
2	5150.00	43.1 AV	54.0	-10.9	3.86 V	285	39.7	3.4
3	*5290.00	101.9 PK			3.86 V	285	99.5	2.4
4	*5290.00	92.2 AV			3.86 V	285	89.8	2.4
5	5350.00	63.8 PK	74.0	-10.2	3.86 V	285	61.0	2.8
6	5350.00	49.0 AV	54.0	-5.0	3.86 V	285	46.2	2.8
7	#10580.00	47.7 PK	68.2	-20.5	1.52 V	255	34.9	12.8
8	15870.00	45.5 PK	74.0	-28.5	2.31 V	80	33.5	12.0
9	15870.00	34.1 AV	54.0	-19.9	2.31 V	80	22.1	12.0

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.

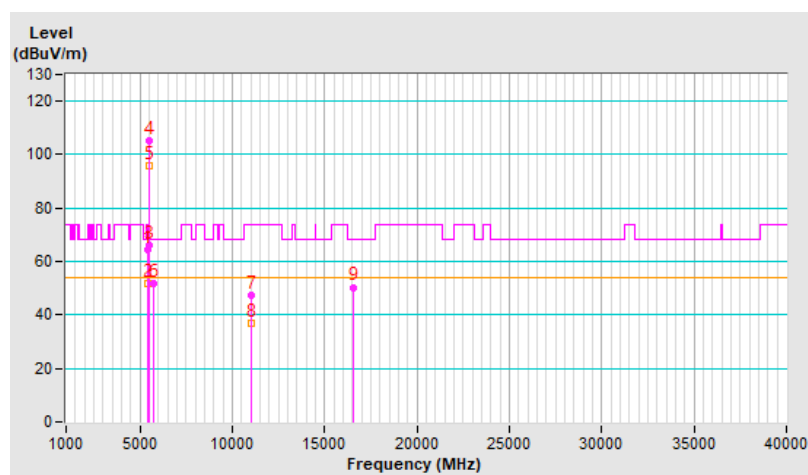


RF Mode	802.11ac (VHT80)	Channel	CH 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	64.3 PK	74.0	-9.7	1.13 H	168	61.4	2.9
2	5460.00	51.7 AV	54.0	-2.3	1.13 H	168	48.8	2.9
3	#5470.00	66.0 PK	68.2	-2.2	1.13 H	168	63.1	2.9
4	*5530.00	105.1 PK			1.13 H	168	102.2	2.9
5	*5530.00	95.6 AV			1.13 H	168	92.7	2.9
6	#5725.00	51.7 PK	68.2	-16.5	1.00 H	168	48.8	2.9
7	11060.00	47.4 PK	74.0	-26.6	1.15 H	332	33.6	13.8
8	11060.00	36.8 AV	54.0	-17.2	1.15 H	332	23.0	13.8
9	#16590.00	50.4 PK	68.2	-17.8	1.17 H	170	35.6	14.8

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.

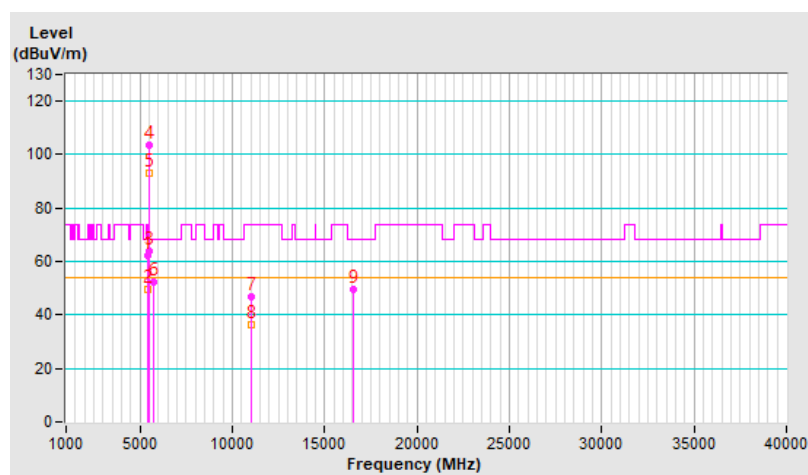


RF Mode	802.11ac (VHT80)	Channel	CH 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	62.1 PK	74.0	-11.9	3.83 V	301	59.2	2.9
2	5460.00	49.6 AV	54.0	-4.4	3.83 V	301	46.7	2.9
3	#5470.00	63.7 PK	68.2	-4.5	3.83 V	301	60.8	2.9
4	*5530.00	103.4 PK			3.83 V	301	100.5	2.9
5	*5530.00	93.0 AV			3.83 V	301	90.1	2.9
6	#5725.00	52.2 PK	68.2	-16.0	3.83 V	301	49.3	2.9
7	11060.00	47.0 PK	74.0	-27.0	1.64 V	267	33.2	13.8
8	11060.00	36.4 AV	54.0	-17.6	1.64 V	267	22.6	13.8
9	#16590.00	49.8 PK	68.2	-18.4	2.35 V	84	35.0	14.8

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.

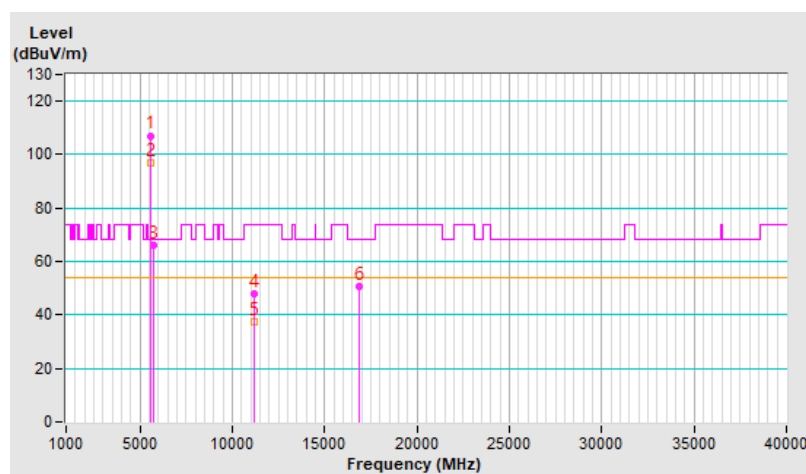


RF Mode	802.11ac (VHT80)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5610.00	107.1 PK			1.12 H	56	104.4	2.7
2	*5610.00	96.9 AV			1.12 H	56	94.2	2.7
3	#5725.00	66.1 PK	68.2	-2.1	1.12 H	56	63.2	2.9
4	11220.00	48.0 PK	74.0	-26.0	1.18 H	335	35.1	12.9
5	11220.00	37.2 AV	54.0	-16.8	1.18 H	335	24.3	12.9
6	#16830.00	50.5 PK	68.2	-17.7	1.17 H	156	34.4	16.1

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.

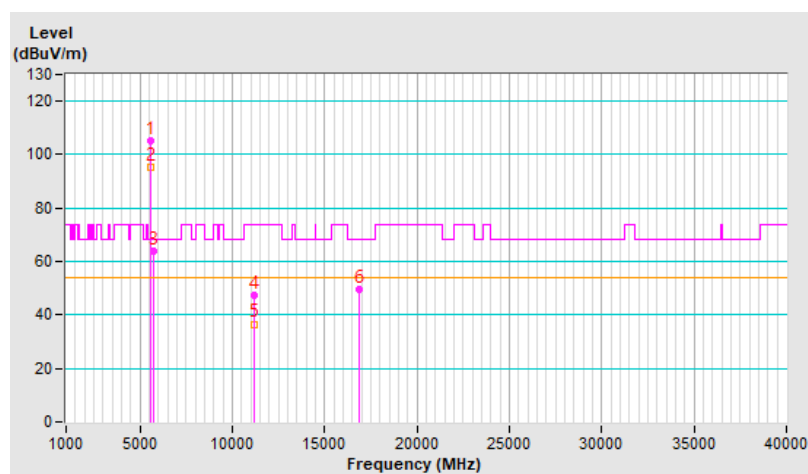


RF Mode	802.11ac (VHT80)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5610.00	105.4 PK			3.80 V	320	102.7	2.7
2	*5610.00	95.4 AV			3.80 V	320	92.7	2.7
3	#5725.00	64.0 PK	68.2	-4.2	3.80 V	320	61.1	2.9
4	11220.00	47.3 PK	74.0	-26.7	1.60 V	270	34.4	12.9
5	11220.00	36.6 AV	54.0	-17.4	1.60 V	270	23.7	12.9
6	#16830.00	49.8 PK	68.2	-18.4	2.31 V	91	33.7	16.1

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.

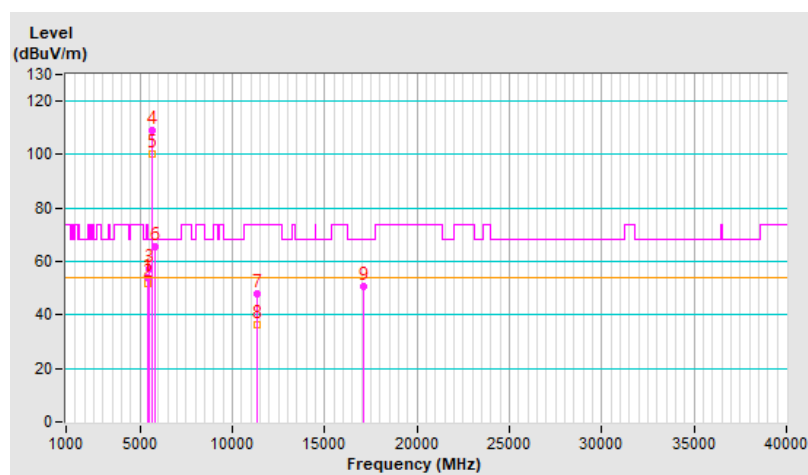


RF Mode	802.11ac (VHT80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	53.9 PK	74.0	-20.1	1.16 H	39	51.0	2.9
2	5460.00	51.9 AV	54.0	-2.1	1.16 H	39	49.0	2.9
3	#5470.00	57.1 PK	68.2	-11.1	1.16 H	39	54.2	2.9
4	*5690.00	109.3 PK			1.16 H	39	106.5	2.8
5	*5690.00	100.1 AV			1.16 H	39	97.3	2.8
6	#5850.00	65.7 PK	68.2	-2.5	1.16 H	39	62.4	3.3
7	11380.00	47.7 PK	74.0	-26.3	1.59 H	360	34.4	13.3
8	11380.00	36.3 AV	54.0	-17.7	1.59 H	360	23.0	13.3
9	#17070.00	50.7 PK	68.2	-17.5	1.70 H	91	34.0	16.7

Remarks:

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

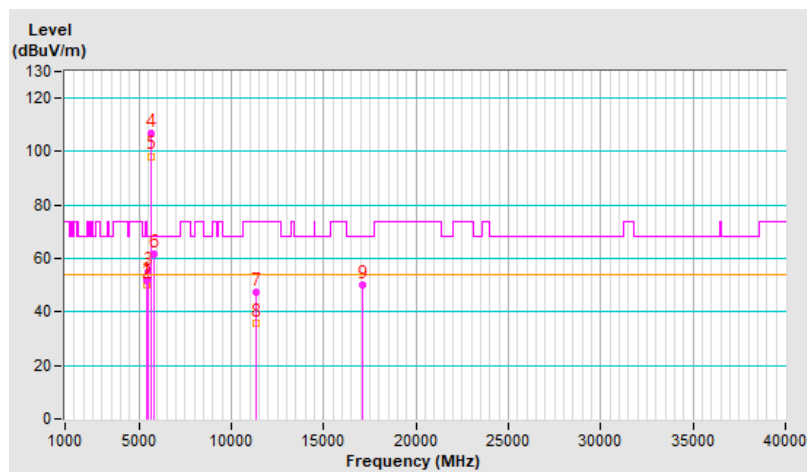


RF Mode	802.11ac (VHT80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	51.8 PK	74.0	-22.2	3.77 V	330	48.9	2.9
2	5460.00	50.2 AV	54.0	-3.8	3.77 V	330	47.3	2.9
3	#5470.00	55.2 PK	68.2	-13.0	3.77 V	330	52.3	2.9
4	*5690.00	106.9 PK			3.77 V	330	104.1	2.8
5	*5690.00	98.3 AV			3.77 V	330	95.5	2.8
6	#5850.00	61.9 PK	68.2	-6.3	3.77 V	330	58.6	3.3
7	11380.00	47.4 PK	74.0	-26.6	1.65 V	249	34.1	13.3
8	11380.00	35.9 AV	54.0	-18.1	1.65 V	249	22.6	13.3
9	#17070.00	50.2 PK	68.2	-18.0	2.51 V	111	33.5	16.7

Remarks:

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

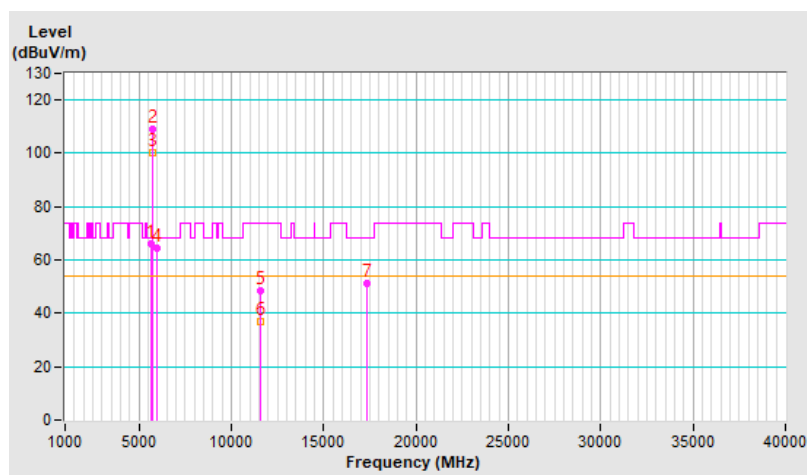


RF Mode	802.11ac (VHT80)	Channel	CH 155 : 5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5642.90	66.1 PK	68.2	-2.1	1.06 H	34	63.4	2.7
2	*5775.00	108.9 PK			1.06 H	34	105.8	3.1
3	*5775.00	100.0 AV			1.06 H	34	96.9	3.1
4	#5936.70	64.4 PK	68.2	-3.8	1.06 H	34	61.2	3.2
5	11550.00	48.3 PK	74.0	-25.7	1.53 H	360	35.1	13.2
6	11550.00	36.7 AV	54.0	-17.3	1.53 H	360	23.5	13.2
7	#17325.00	51.0 PK	68.2	-17.2	1.70 H	83	32.9	18.1

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.

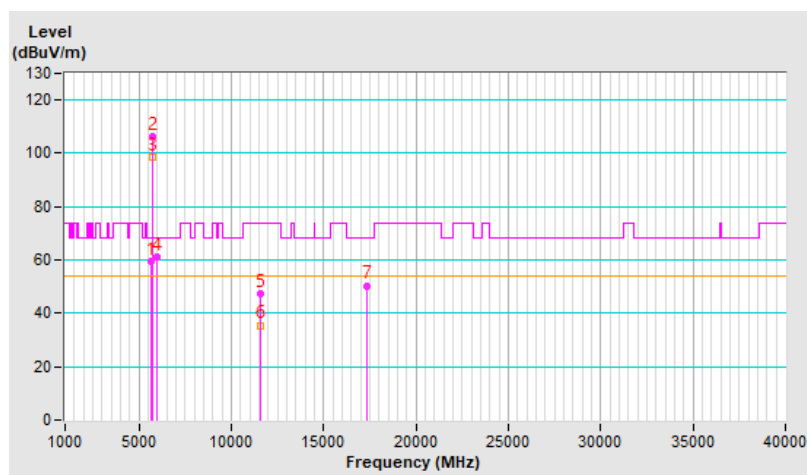


RF Mode	802.11ac (VHT80)	Channel	CH 155 : 5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5636.20	59.4 PK	68.2	-8.8	3.66 V	13	56.7	2.7
2	*5775.00	106.5 PK			3.66 V	13	103.4	3.1
3	*5775.00	98.6 AV			3.66 V	13	95.5	3.1
4	#5941.40	61.1 PK	68.2	-7.1	3.66 V	13	57.9	3.2
5	11550.00	47.3 PK	74.0	-26.7	1.70 V	258	34.1	13.2
6	11550.00	35.5 AV	54.0	-18.5	1.70 V	258	22.3	13.2
7	#17325.00	50.4 PK	68.2	-17.8	2.52 V	108	32.3	18.1

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.

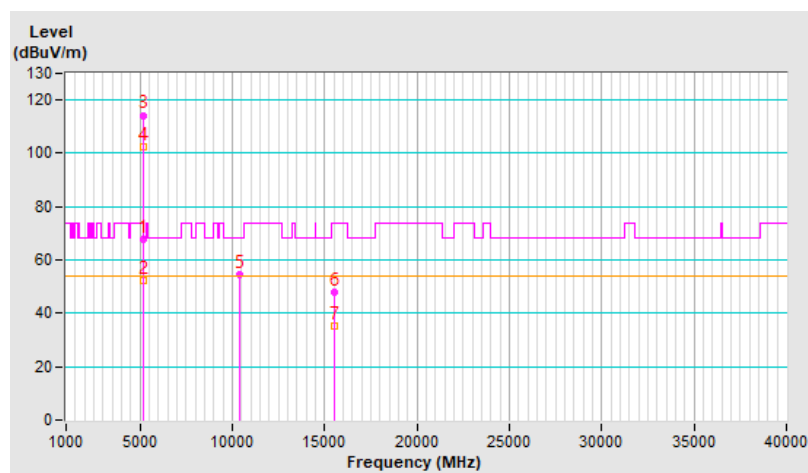


RF Mode	802.11ax (HE20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	67.7 PK	74.0	-6.3	1.50 H	216	64.3	3.4
2	5150.00	52.2 AV	54.0	-1.8	1.50 H	216	48.8	3.4
3	*5180.00	114.3 PK			1.50 H	216	111.2	3.1
4	*5180.00	102.4 AV			1.50 H	216	99.3	3.1
5	#10360.00	54.4 PK	68.2	-13.8	1.31 H	146	41.6	12.8
6	15540.00	48.1 PK	74.0	-25.9	1.26 H	112	36.8	11.3
7	15540.00	35.0 AV	54.0	-19.0	1.26 H	112	23.7	11.3

Remarks:

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

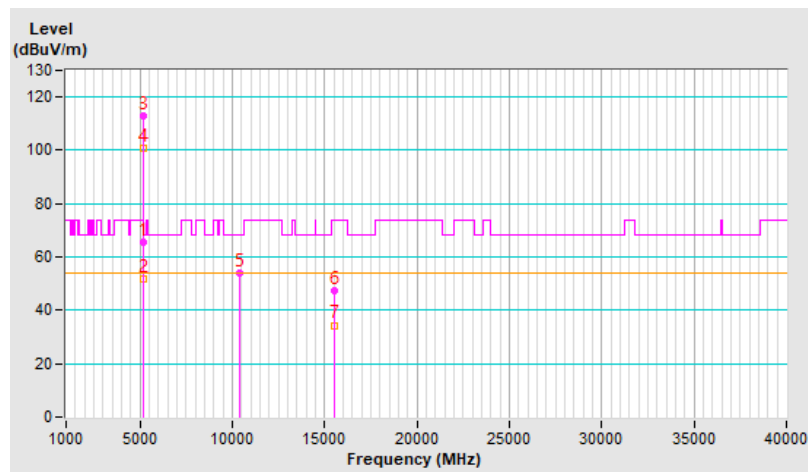


RF Mode	802.11ax (HE20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	65.3 PK	74.0	-8.7	3.98 V	12	61.9	3.4
2	5150.00	51.8 AV	54.0	-2.2	3.98 V	12	48.4	3.4
3	*5180.00	112.8 PK			3.98 V	12	109.7	3.1
4	*5180.00	101.0 AV			3.98 V	12	97.9	3.1
5	#10360.00	54.0 PK	68.2	-14.2	2.48 V	246	41.2	12.8
6	15540.00	47.3 PK	74.0	-26.7	1.09 V	23	36.0	11.3
7	15540.00	34.4 AV	54.0	-19.6	1.09 V	23	23.1	11.3

Remarks:

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

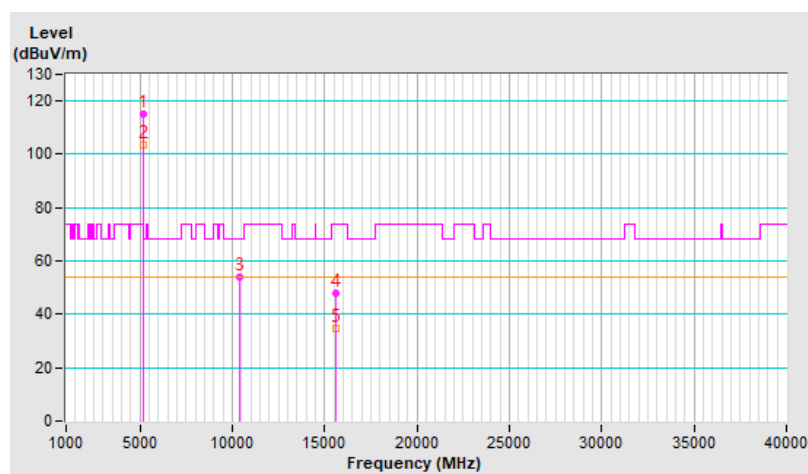


RF Mode	802.11ax (HE20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	115.3 PK			1.24 H	60	112.3	3.0
2	*5200.00	103.4 AV			1.24 H	60	100.4	3.0
3	#10400.00	54.1 PK	68.2	-14.1	1.26 H	138	41.0	13.1
4	15600.00	48.0 PK	74.0	-26.0	1.21 H	118	37.3	10.7
5	15600.00	34.7 AV	54.0	-19.3	1.21 H	118	24.0	10.7

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.

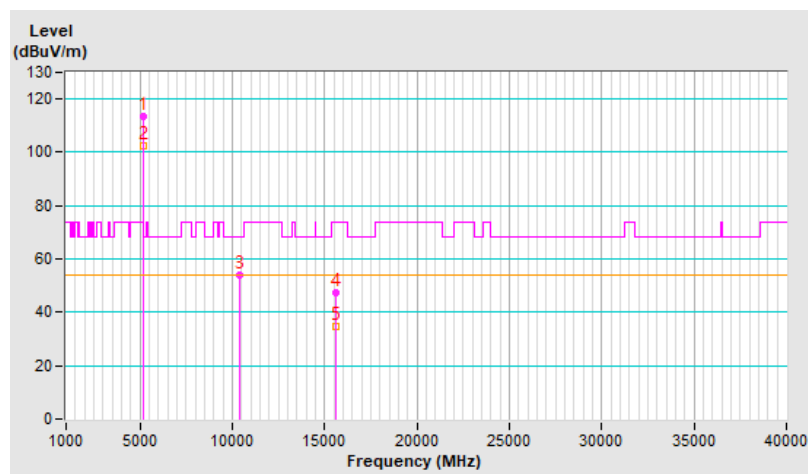


RF Mode	802.11ax (HE20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	113.2 PK			3.87 V	25	110.2	3.0
2	*5200.00	102.2 AV			3.87 V	25	99.2	3.0
3	#10400.00	53.8 PK	68.2	-14.4	2.48 V	241	40.7	13.1
4	15600.00	47.6 PK	74.0	-26.4	1.12 V	35	36.9	10.7
5	15600.00	34.7 AV	54.0	-19.3	1.12 V	35	24.0	10.7

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.

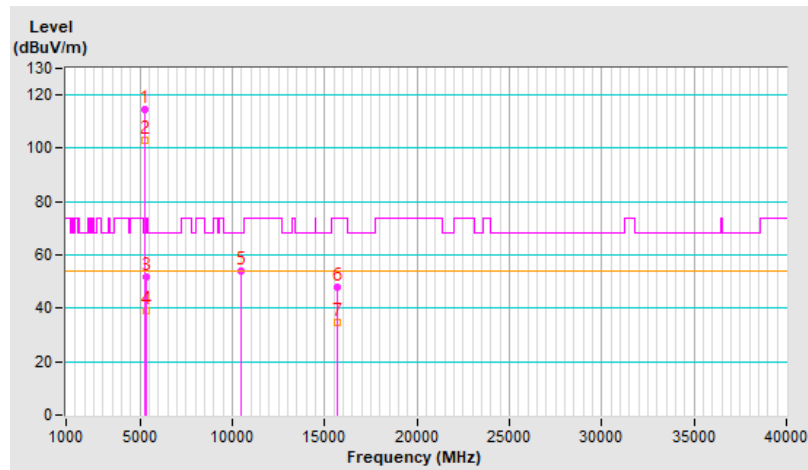


RF Mode	802.11ax (HE20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	114.7 PK			1.57 H	223	112.0	2.7
2	*5240.00	102.8 AV			1.57 H	223	100.1	2.7
3	5350.00	51.9 PK	74.0	-22.1	1.57 H	223	49.1	2.8
4	5350.00	39.3 AV	54.0	-14.7	1.57 H	223	36.5	2.8
5	#10480.00	53.8 PK	68.2	-14.4	1.27 H	149	41.0	12.8
6	15720.00	47.7 PK	74.0	-26.3	1.21 H	118	36.3	11.4
7	15720.00	34.6 AV	54.0	-19.4	1.21 H	118	23.2	11.4

Remarks:

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

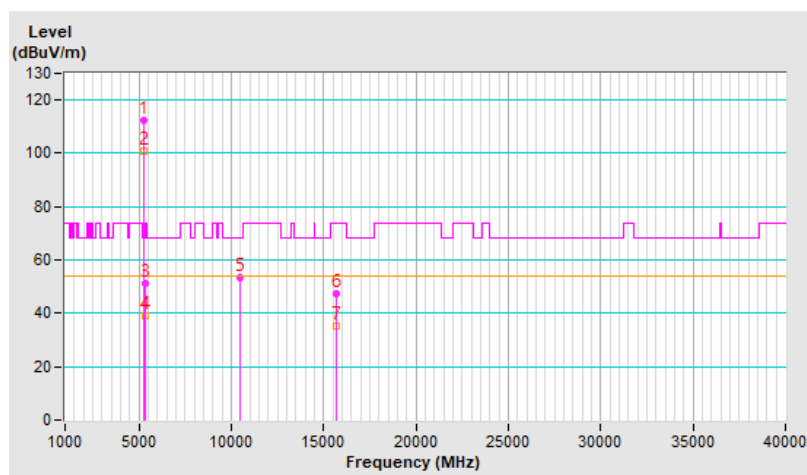


RF Mode	802.11ax (HE20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	112.6 PK			3.56 V	35	109.9	2.7
2	*5240.00	100.8 AV			3.56 V	35	98.1	2.7
3	5350.00	51.1 PK	74.0	-22.9	3.56 V	35	48.3	2.8
4	5350.00	39.1 AV	54.0	-14.9	3.56 V	35	36.3	2.8
5	#10480.00	53.2 PK	68.2	-15.0	2.47 V	261	40.4	12.8
6	15720.00	47.6 PK	74.0	-26.4	1.03 V	45	36.2	11.4
7	15720.00	35.0 AV	54.0	-19.0	1.03 V	45	23.6	11.4

Remarks:

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

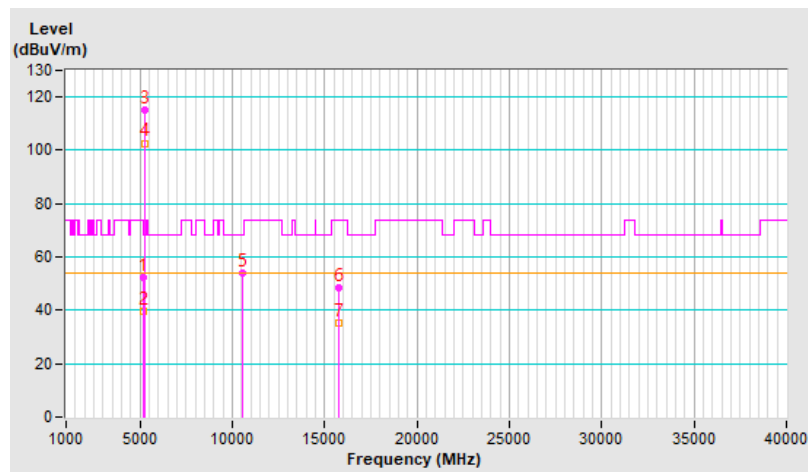


RF Mode	802.11ax (HE20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	52.1 PK	74.0	-21.9	1.35 H	87	48.7	3.4
2	5150.00	39.5 AV	54.0	-14.5	1.35 H	87	36.1	3.4
3	*5260.00	114.9 PK			1.35 H	87	112.3	2.6
4	*5260.00	102.7 AV			1.35 H	87	100.1	2.6
5	#10520.00	54.0 PK	68.2	-14.2	1.21 H	136	41.4	12.6
6	15780.00	48.4 PK	74.0	-25.6	1.27 H	106	36.6	11.8
7	15780.00	35.1 AV	54.0	-18.9	1.27 H	106	23.3	11.8

Remarks:

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

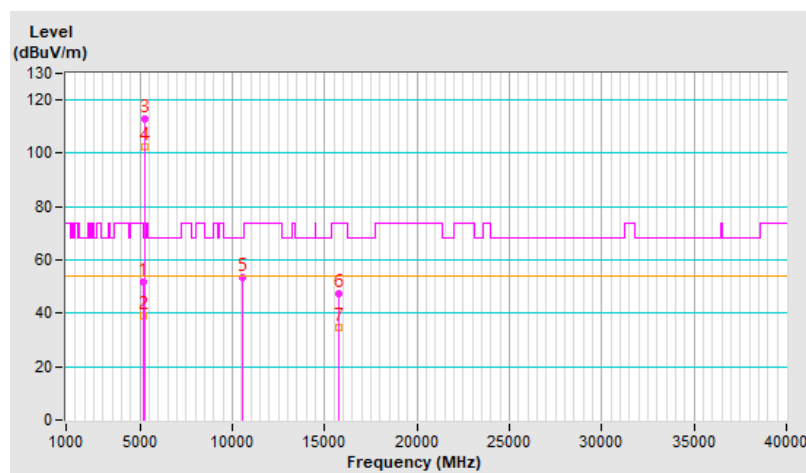


RF Mode	802.11ax (HE20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	51.6 PK	74.0	-22.4	3.78 V	22	48.2	3.4
2	5150.00	39.2 AV	54.0	-14.8	3.78 V	22	35.8	3.4
3	*5260.00	113.1 PK			3.78 V	22	110.5	2.6
4	*5260.00	102.3 AV			3.78 V	22	99.7	2.6
5	#10520.00	53.5 PK	68.2	-14.7	2.47 V	253	40.9	12.6
6	15780.00	47.1 PK	74.0	-26.9	1.08 V	37	35.3	11.8
7	15780.00	34.5 AV	54.0	-19.5	1.08 V	37	22.7	11.8

Remarks:

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

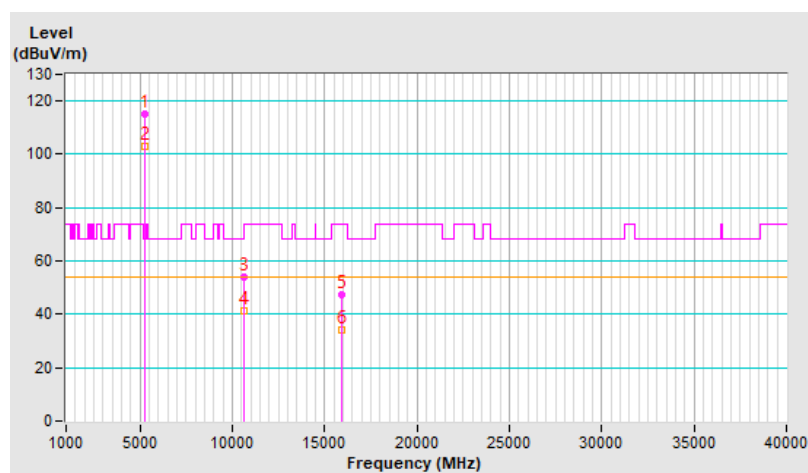


RF Mode	802.11ax (HE20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	115.1 PK			1.45 H	64	112.7	2.4
2	*5300.00	103.2 AV			1.45 H	64	100.8	2.4
3	10600.00	53.9 PK	74.0	-20.1	1.30 H	142	41.0	12.9
4	10600.00	41.4 AV	54.0	-12.6	1.30 H	142	28.5	12.9
5	15900.00	47.3 PK	74.0	-26.7	1.24 H	120	35.2	12.1
6	15900.00	34.2 AV	54.0	-19.8	1.24 H	120	22.1	12.1

Remarks:

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

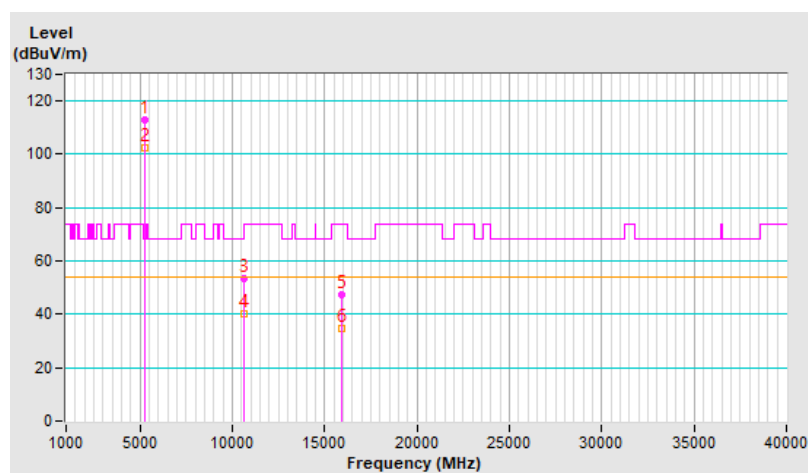


RF Mode	802.11ax (HE20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	112.9 PK			3.46 V	31	110.5	2.4
2	*5300.00	102.4 AV			3.46 V	31	100.0	2.4
3	10600.00	53.3 PK	74.0	-20.7	2.50 V	242	40.4	12.9
4	10600.00	40.3 AV	54.0	-13.7	2.50 V	242	27.4	12.9
5	15900.00	47.3 PK	74.0	-26.7	1.03 V	22	35.2	12.1
6	15900.00	34.5 AV	54.0	-19.5	1.03 V	22	22.4	12.1

Remarks:

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

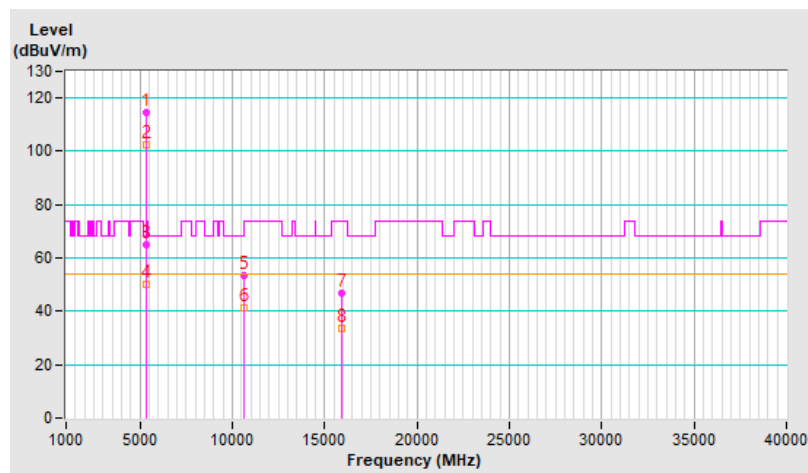


RF Mode	802.11ax (HE20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	114.7 PK			1.19 H	57	112.1	2.6
2	*5320.00	102.5 AV			1.19 H	57	99.9	2.6
3	5350.00	65.1 PK	74.0	-8.9	1.19 H	57	62.3	2.8
4	5350.00	50.2 AV	54.0	-3.8	1.19 H	57	47.4	2.8
5	10640.00	53.6 PK	74.0	-20.4	1.25 H	157	40.5	13.1
6	10640.00	41.2 AV	54.0	-12.8	1.25 H	157	28.1	13.1
7	15960.00	47.0 PK	74.0	-27.0	1.20 H	126	34.6	12.4
8	15960.00	33.8 AV	54.0	-20.2	1.20 H	126	21.4	12.4

Remarks:

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

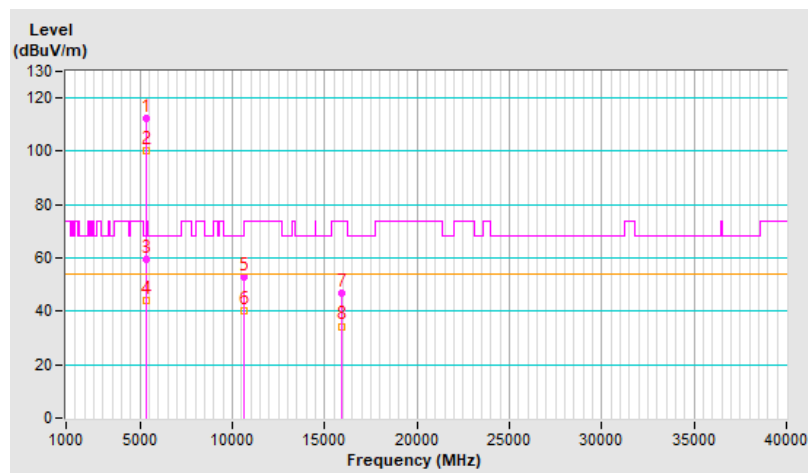


RF Mode	802.11ax (HE20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	112.5 PK			3.94 V	301	109.9	2.6
2	*5320.00	100.3 AV			3.94 V	301	97.7	2.6
3	5350.00	59.5 PK	74.0	-14.5	3.94 V	301	56.7	2.8
4	5350.00	44.3 AV	54.0	-9.7	3.94 V	301	41.5	2.8
5	10640.00	52.9 PK	74.0	-21.1	2.41 V	238	39.8	13.1
6	10640.00	40.4 AV	54.0	-13.6	2.41 V	238	27.3	13.1
7	15960.00	47.0 PK	74.0	-27.0	1.03 V	30	34.6	12.4
8	15960.00	34.4 AV	54.0	-19.6	1.03 V	30	22.0	12.4

Remarks:

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

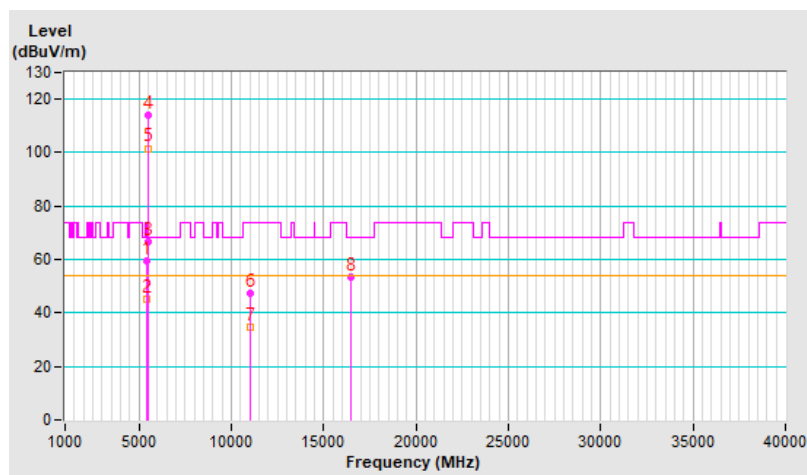


RF Mode	802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	59.3 PK	74.0	-14.7	1.02 H	53	56.4	2.9
2	5460.00	45.4 AV	54.0	-8.6	1.02 H	53	42.5	2.9
3	#5470.00	66.5 PK	68.2	-1.7	1.02 H	53	63.6	2.9
4	*5500.00	113.9 PK			1.02 H	53	111.0	2.9
5	*5500.00	101.6 AV			1.02 H	53	98.7	2.9
6	11000.00	47.5 PK	74.0	-26.5	1.57 H	34	33.7	13.8
7	11000.00	34.7 AV	54.0	-19.3	1.57 H	34	20.9	13.8
8	#16500.00	53.6 PK	68.2	-14.6	1.02 H	135	38.9	14.7

Remarks:

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

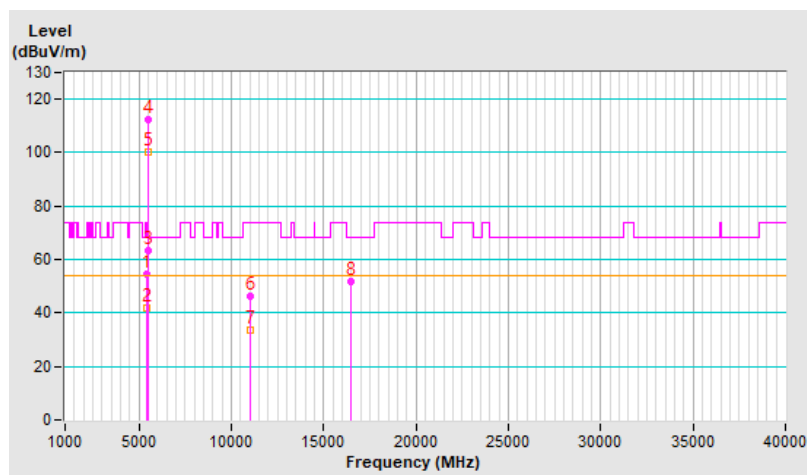


RF Mode	802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	54.5 PK	74.0	-19.5	3.88 V	280	51.6	2.9
2	5460.00	42.0 AV	54.0	-12.0	3.88 V	280	39.1	2.9
3	#5470.00	63.2 PK	68.2	-5.0	3.88 V	280	60.3	2.9
4	*5500.00	112.2 PK			3.88 V	280	109.3	2.9
5	*5500.00	100.1 AV			3.88 V	280	97.2	2.9
6	11000.00	46.2 PK	74.0	-27.8	2.16 V	243	32.4	13.8
7	11000.00	33.4 AV	54.0	-20.6	2.16 V	243	19.6	13.8
8	#16500.00	52.0 PK	68.2	-16.2	1.21 V	40	37.3	14.7

Remarks:

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

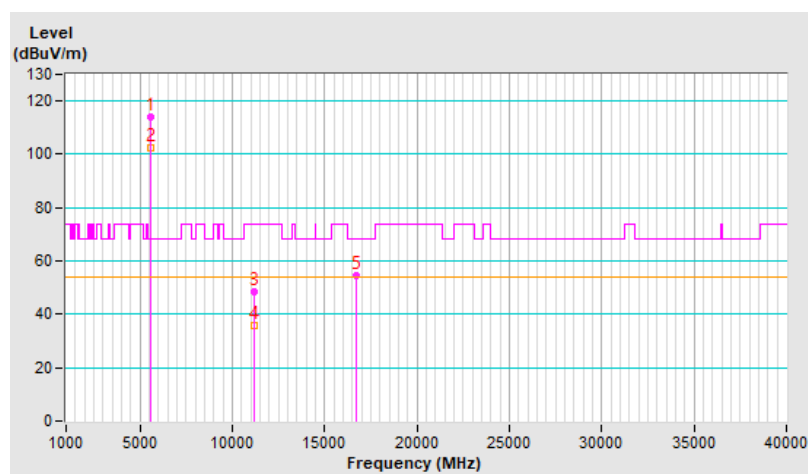


RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	114.1 PK			1.13 H	48	111.4	2.7
2	*5580.00	102.3 AV			1.13 H	48	99.6	2.7
3	11160.00	48.7 PK	74.0	-25.3	1.53 H	24	35.5	13.2
4	11160.00	35.9 AV	54.0	-18.1	1.53 H	24	22.7	13.2
5	#16740.00	54.4 PK	68.2	-13.8	1.06 H	144	38.5	15.9

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.

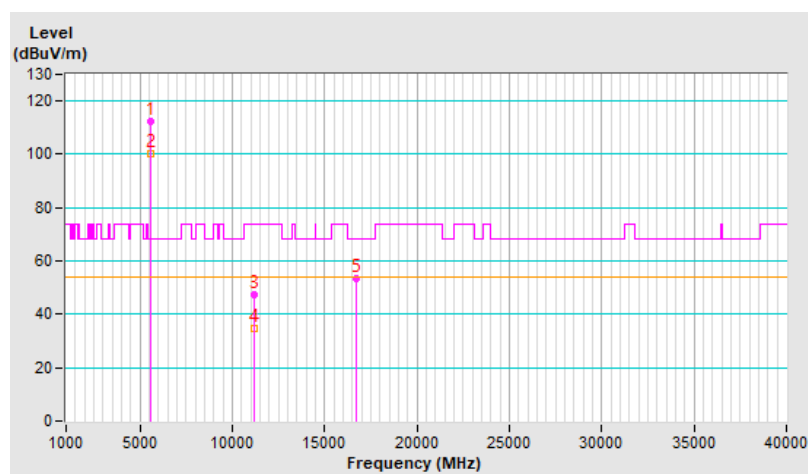


RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	112.5 PK			3.86 V	285	109.8	2.7
2	*5580.00	100.4 AV			3.86 V	285	97.7	2.7
3	11160.00	47.5 PK	74.0	-26.5	2.22 V	246	34.3	13.2
4	11160.00	34.7 AV	54.0	-19.3	2.22 V	246	21.5	13.2
5	#16740.00	53.6 PK	68.2	-14.6	1.26 V	46	37.7	15.9

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.

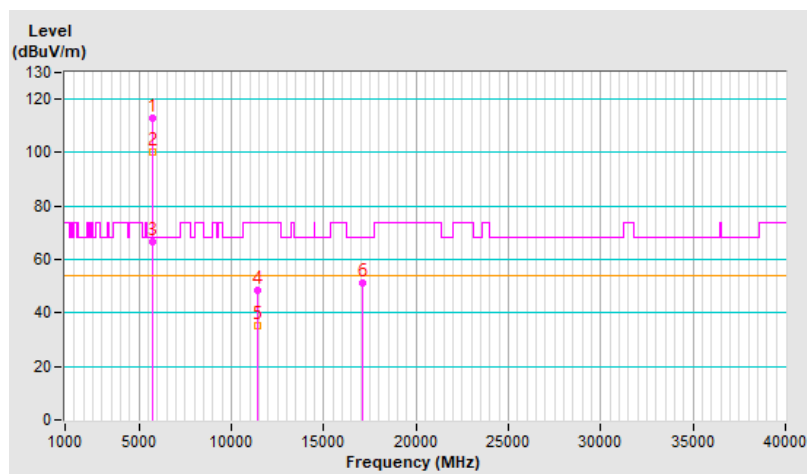


RF Mode	802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	112.8 PK			1.07 H	45	109.9	2.9
2	*5700.00	100.4 AV			1.07 H	45	97.5	2.9
3	#5725.00	66.5 PK	68.2	-1.7	1.07 H	45	63.6	2.9
4	11400.00	48.6 PK	74.0	-25.4	1.53 H	26	35.3	13.3
5	11400.00	35.1 AV	54.0	-18.9	1.53 H	26	21.8	13.3
6	#17100.00	51.1 PK	68.2	-17.1	1.12 H	187	34.7	16.4

Remarks:

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

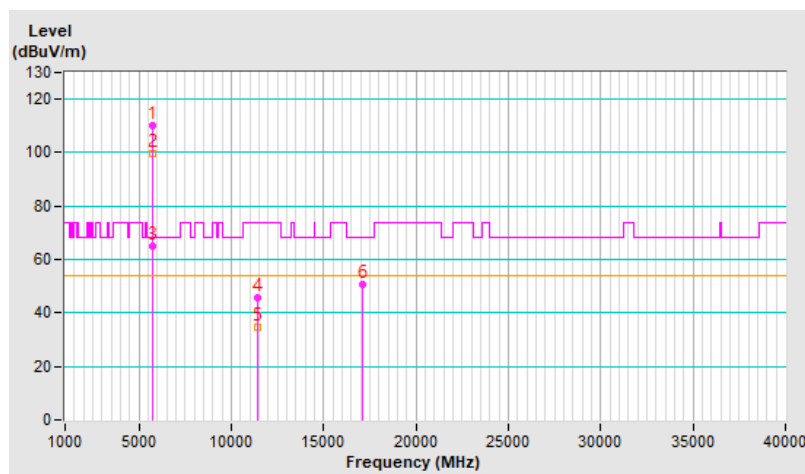


RF Mode	802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	110.3 PK			3.21 V	28	107.4	2.9
2	*5700.00	99.7 AV			3.21 V	28	96.8	2.9
3	#5725.00	64.8 PK	68.2	-3.4	3.21 V	28	61.9	2.9
4	11400.00	45.7 PK	74.0	-28.3	2.41 V	265	32.4	13.3
5	11400.00	34.6 AV	54.0	-19.4	2.41 V	265	21.3	13.3
6	#17100.00	50.6 PK	68.2	-17.6	1.37 V	68	34.2	16.4

Remarks:

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

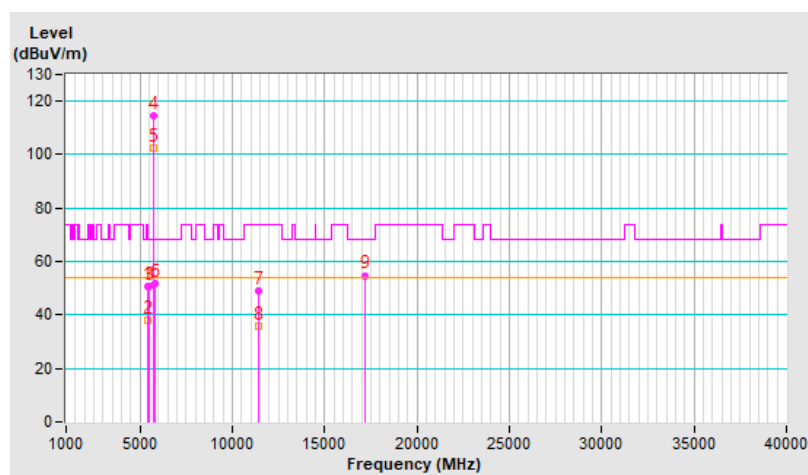


RF Mode	802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	50.5 PK	74.0	-23.5	1.07 H	46	47.6	2.9
2	5460.00	38.2 AV	54.0	-15.8	1.07 H	46	35.3	2.9
3	#5470.00	50.8 PK	68.2	-17.4	1.07 H	46	47.9	2.9
4	*5720.00	114.5 PK			1.07 H	46	111.6	2.9
5	*5720.00	102.6 AV			1.07 H	46	99.7	2.9
6	#5850.00	51.7 PK	68.2	-16.5	1.07 H	46	48.4	3.3
7	11440.00	48.9 PK	74.0	-25.1	1.48 H	30	35.7	13.2
8	11440.00	36.0 AV	54.0	-18.0	1.48 H	30	22.8	13.2
9	#17160.00	54.8 PK	68.2	-13.4	1.02 H	143	38.0	16.8

Remarks:

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

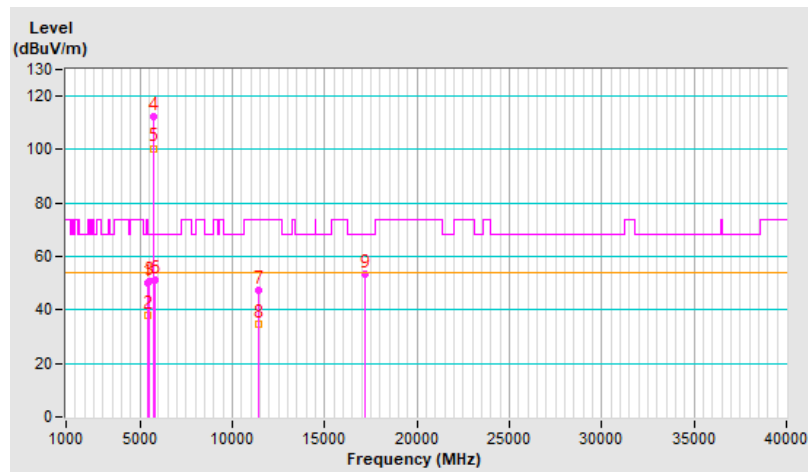


RF Mode	802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	50.2 PK	74.0	-23.8	3.82 V	257	47.3	2.9
2	5460.00	38.1 AV	54.0	-15.9	3.82 V	257	35.2	2.9
3	#5470.00	50.6 PK	68.2	-17.6	3.82 V	257	47.7	2.9
4	*5720.00	112.3 PK			3.82 V	257	109.4	2.9
5	*5720.00	100.5 AV			3.82 V	257	97.6	2.9
6	#5850.00	51.3 PK	68.2	-16.9	3.82 V	257	48.0	3.3
7	11440.00	47.1 PK	74.0	-26.9	2.27 V	254	33.9	13.2
8	11440.00	34.5 AV	54.0	-19.5	2.27 V	254	21.3	13.2
9	#17160.00	53.4 PK	68.2	-14.8	1.21 V	57	36.6	16.8

Remarks:

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

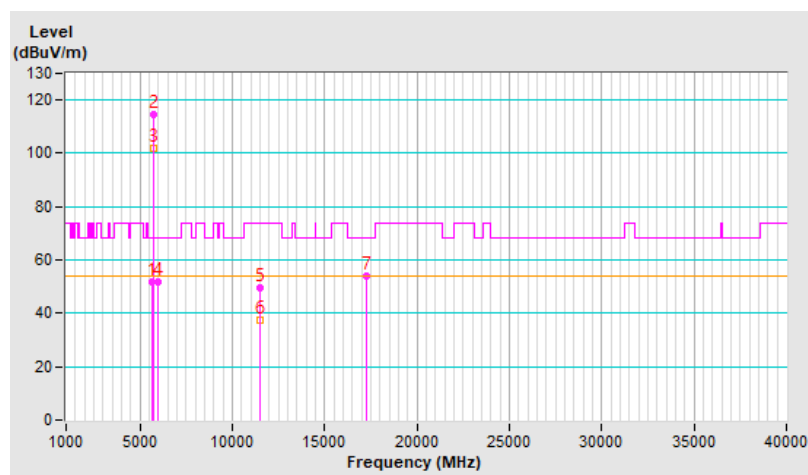


RF Mode	802.11ax (HE20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5636.30	51.6 PK	68.2	-16.6	1.03 H	42	48.9	2.7
2	*5745.00	114.4 PK			1.03 H	42	111.4	3.0
3	*5745.00	102.1 AV			1.03 H	42	99.1	3.0
4	#5941.10	51.9 PK	68.2	-16.3	1.03 H	42	48.7	3.2
5	11490.00	49.8 PK	74.0	-24.2	1.72 H	20	36.8	13.0
6	11490.00	37.6 AV	54.0	-16.4	1.72 H	20	24.6	13.0
7	#17235.00	54.1 PK	68.2	-14.1	1.09 H	155	36.8	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.

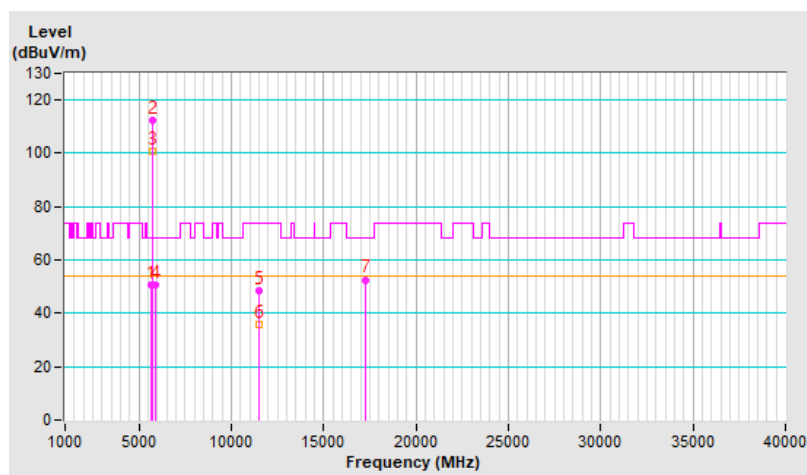


RF Mode	802.11ax (HE20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5626.10	50.8 PK	68.2	-17.4	3.88 V	277	48.1	2.7
2	*5745.00	112.6 PK			3.88 V	277	109.6	3.0
3	*5745.00	100.7 AV			3.88 V	277	97.7	3.0
4	#5928.40	50.8 PK	68.2	-17.4	3.88 V	277	47.6	3.2
5	11490.00	48.3 PK	74.0	-25.7	1.18 V	45	35.3	13.0
6	11490.00	36.0 AV	54.0	-18.0	1.18 V	45	23.0	13.0
7	#17235.00	52.6 PK	68.2	-15.6	1.10 V	70	35.3	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.

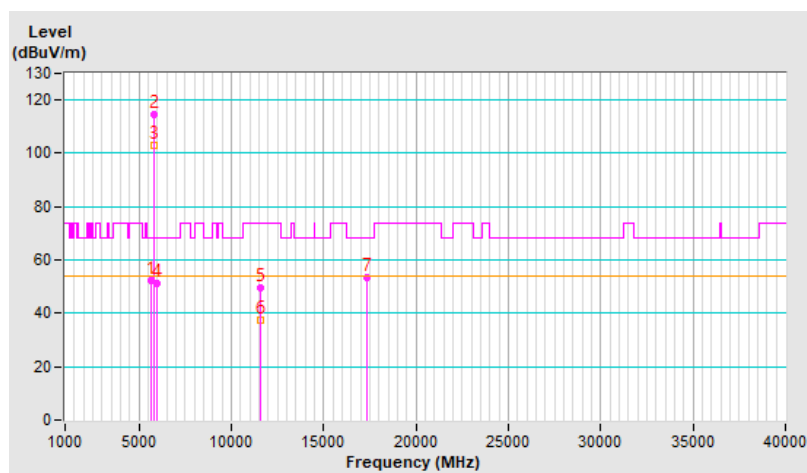


RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5640.60	52.2 PK	68.2	-16.0	1.17 H	41	49.5	2.7
2	*5785.00	114.7 PK			1.17 H	41	111.5	3.2
3	*5785.00	103.0 AV			1.17 H	41	99.8	3.2
4	#5954.60	51.1 PK	68.2	-17.1	1.17 H	41	47.9	3.2
5	11570.00	49.5 PK	74.0	-24.5	1.66 H	33	36.3	13.2
6	11570.00	37.3 AV	54.0	-16.7	1.66 H	33	24.1	13.2
7	#17355.00	53.6 PK	68.2	-14.6	1.09 H	158	35.1	18.5

Remarks:

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

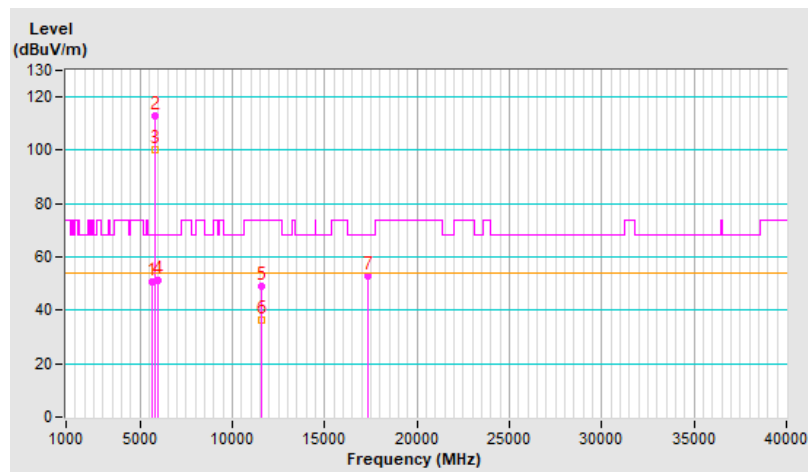


RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5636.90	50.6 PK	68.2	-17.6	3.61 V	360	47.9	2.7
2	*5785.00	112.8 PK			3.61 V	360	109.6	3.2
3	*5785.00	100.3 AV			3.61 V	360	97.1	3.2
4	#5956.10	51.0 PK	68.2	-17.2	3.61 V	360	47.8	3.2
5	11570.00	48.8 PK	74.0	-25.2	1.14 V	58	35.6	13.2
6	11570.00	36.2 AV	54.0	-17.8	1.14 V	58	23.0	13.2
7	#17355.00	52.8 PK	68.2	-15.4	1.14 V	58	34.3	18.5

Remarks:

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

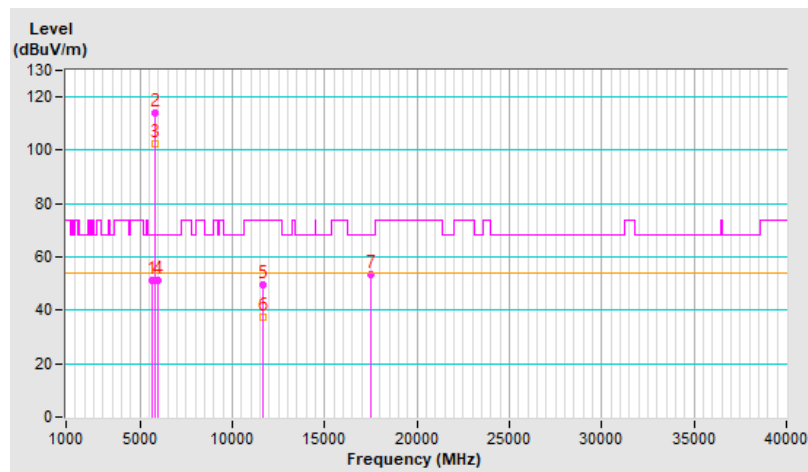


RF Mode	802.11ax (HE20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5623.80	51.0 PK	68.2	-17.2	1.09 H	40	48.3	2.7
2	*5825.00	114.2 PK			1.09 H	40	110.9	3.3
3	*5825.00	102.5 AV			1.09 H	40	99.2	3.3
4	#5949.30	51.1 PK	68.2	-17.1	1.09 H	40	47.9	3.2
5	11650.00	49.7 PK	74.0	-24.3	1.67 H	41	36.6	13.1
6	11650.00	37.5 AV	54.0	-16.5	1.67 H	41	24.4	13.1
7	#17475.00	53.4 PK	68.2	-14.8	1.10 H	169	33.3	20.1

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.

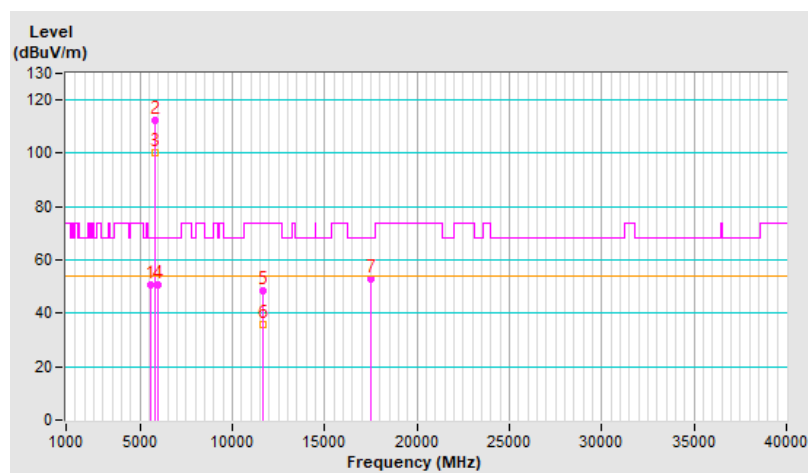


RF Mode	802.11ax (HE20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5614.20	50.8 PK	68.2	-17.4	3.20 V	17	48.1	2.7
2	*5825.00	112.3 PK			3.20 V	17	109.0	3.3
3	*5825.00	100.2 AV			3.20 V	17	96.9	3.3
4	#5950.10	50.7 PK	68.2	-17.5	3.20 V	17	47.5	3.2
5	11650.00	48.4 PK	74.0	-25.6	1.17 V	50	35.3	13.1
6	11650.00	35.8 AV	54.0	-18.2	1.17 V	50	22.7	13.1
7	#17475.00	53.0 PK	68.2	-15.2	1.15 V	74	32.9	20.1

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.

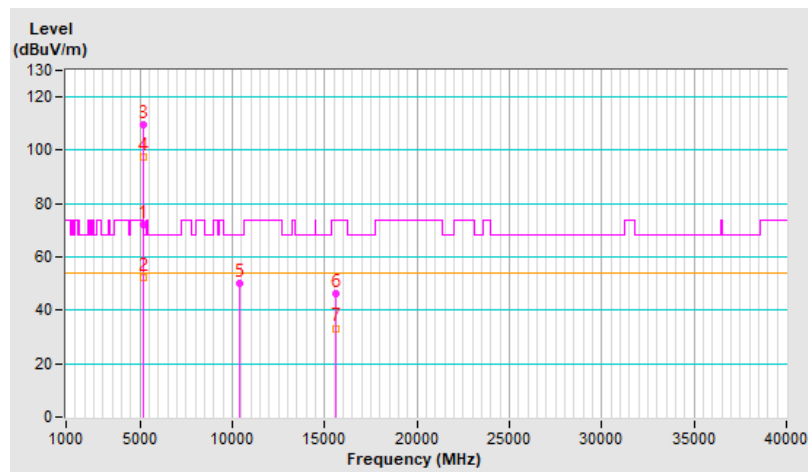


RF Mode	802.11ax (HE40)	Channel	CH 38 : 5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	71.9 PK	74.0	-2.1	1.26 H	59	68.5	3.4
2	5150.00	52.1 AV	54.0	-1.9	1.26 H	59	48.7	3.4
3	*5190.00	109.6 PK			1.26 H	59	106.6	3.0
4	*5190.00	97.6 AV			1.26 H	59	94.6	3.0
5	#10380.00	49.9 PK	68.2	-18.3	1.13 H	121	36.9	13.0
6	15570.00	46.5 PK	74.0	-27.5	1.32 H	154	35.5	11.0
7	15570.00	33.3 AV	54.0	-20.7	1.32 H	154	22.3	11.0

Remarks:

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

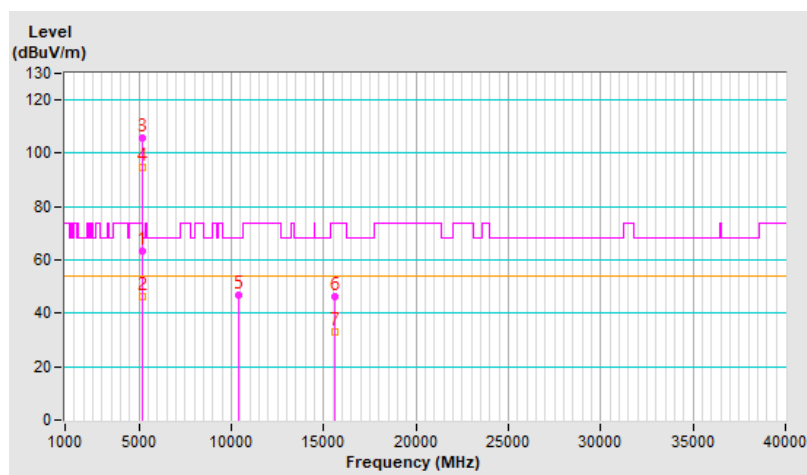


RF Mode	802.11ax (HE40)	Channel	CH 38 : 5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	63.3 PK	74.0	-10.7	3.98 V	286	59.9	3.4
2	5150.00	46.4 AV	54.0	-7.6	3.98 V	286	43.0	3.4
3	*5190.00	105.7 PK			3.98 V	286	102.7	3.0
4	*5190.00	94.6 AV			3.98 V	286	91.6	3.0
5	#10380.00	46.8 PK	68.2	-21.4	1.21 V	287	33.8	13.0
6	15570.00	46.2 PK	74.0	-27.8	1.21 V	78	35.2	11.0
7	15570.00	33.1 AV	54.0	-20.9	1.21 V	78	22.1	11.0

Remarks:

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

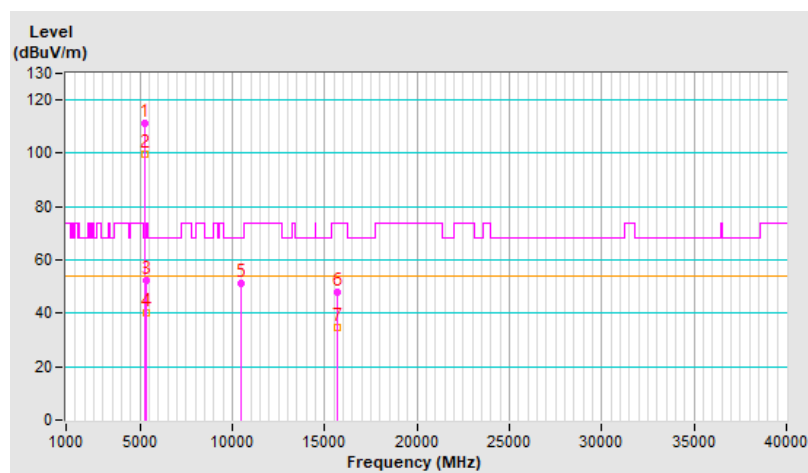


RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5230.00	111.2 PK			1.00 H	61	108.4	2.8
2	*5230.00	99.8 AV			1.00 H	61	97.0	2.8
3	5350.00	52.1 PK	74.0	-21.9	1.00 H	61	49.3	2.8
4	5350.00	40.0 AV	54.0	-14.0	1.00 H	61	37.2	2.8
5	#10460.00	51.3 PK	68.2	-16.9	1.18 H	114	38.5	12.8
6	15690.00	48.1 PK	74.0	-25.9	1.09 H	146	36.9	11.2
7	15690.00	34.8 AV	54.0	-19.2	1.09 H	146	23.6	11.2

Remarks:

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

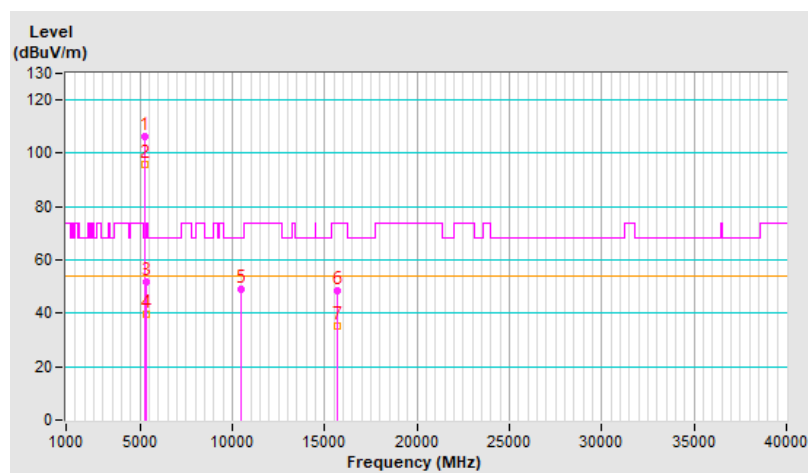


RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5230.00	106.4 PK			3.87 V	265	103.6	2.8
2	*5230.00	95.8 AV			3.87 V	265	93.0	2.8
3	5350.00	51.7 PK	74.0	-22.3	3.87 V	265	48.9	2.8
4	5350.00	39.6 AV	54.0	-14.4	3.87 V	265	36.8	2.8
5	#10460.00	48.8 PK	68.2	-19.4	1.10 V	282	36.0	12.8
6	15690.00	48.3 PK	74.0	-25.7	1.08 V	60	37.1	11.2
7	15690.00	35.1 AV	54.0	-18.9	1.08 V	60	23.9	11.2

Remarks:

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

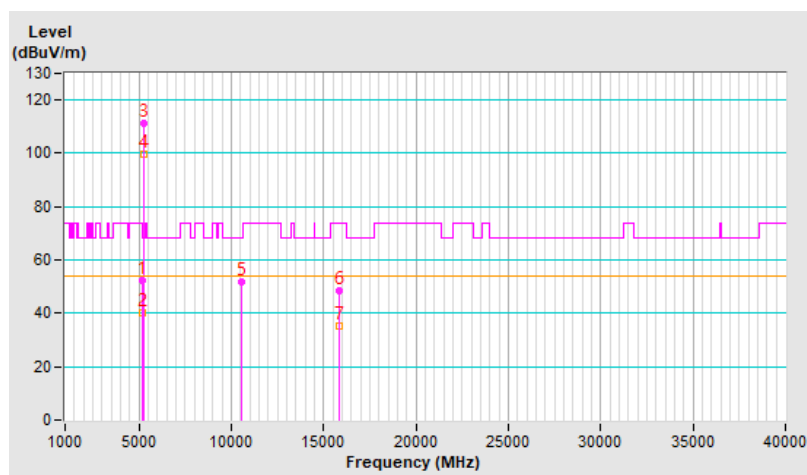


RF Mode	802.11ax (HE40)	Channel	CH 54 : 5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	52.3 PK	74.0	-21.7	1.06 H	57	48.9	3.4
2	5150.00	40.3 AV	54.0	-13.7	1.06 H	57	36.9	3.4
3	*5270.00	111.3 PK			1.06 H	57	108.7	2.6
4	*5270.00	99.7 AV			1.06 H	57	97.1	2.6
5	#10540.00	51.6 PK	68.2	-16.6	1.23 H	99	38.8	12.8
6	15810.00	48.2 PK	74.0	-25.8	1.10 H	136	36.3	11.9
7	15810.00	35.1 AV	54.0	-18.9	1.10 H	136	23.2	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.

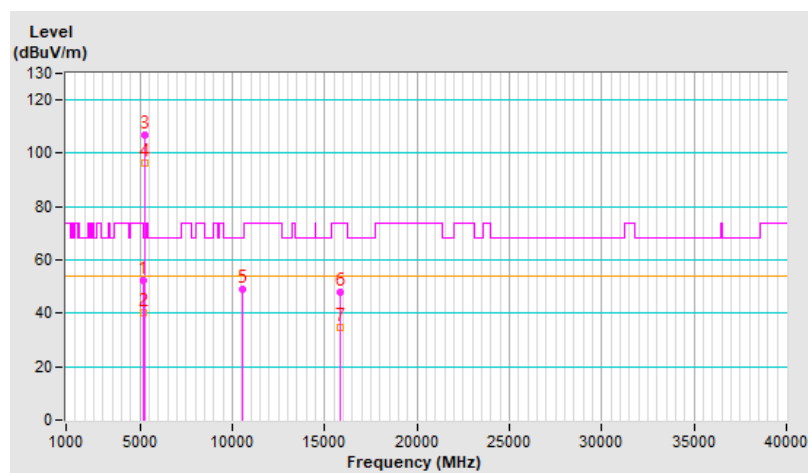


RF Mode	802.11ax (HE40)	Channel	CH 54 : 5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	52.4 PK	74.0	-21.6	3.91 V	278	49.0	3.4
2	5150.00	40.1 AV	54.0	-13.9	3.91 V	278	36.7	3.4
3	*5270.00	106.8 PK			3.91 V	278	104.2	2.6
4	*5270.00	96.2 AV			3.91 V	278	93.6	2.6
5	#10540.00	49.0 PK	68.2	-19.2	1.07 V	286	36.2	12.8
6	15810.00	48.0 PK	74.0	-26.0	1.07 V	63	36.1	11.9
7	15810.00	34.8 AV	54.0	-19.2	1.07 V	63	22.9	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.

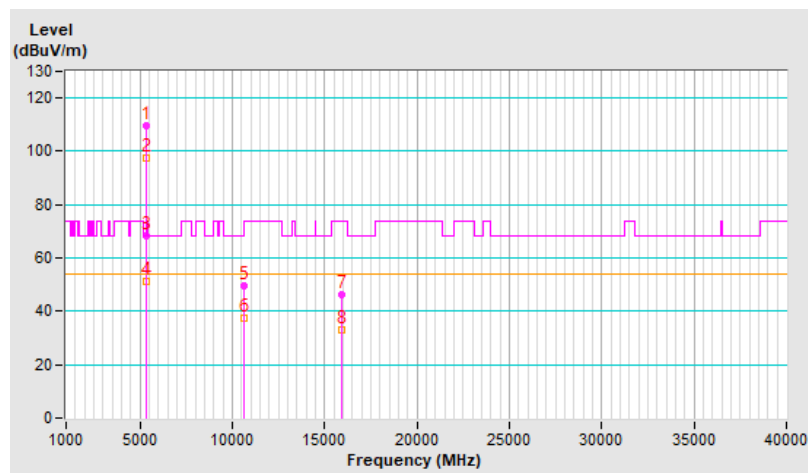


RF Mode	802.11ax (HE40)	Channel	CH 62 : 5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5310.00	109.6 PK			1.18 H	56	107.0	2.6
2	*5310.00	97.4 AV			1.18 H	56	94.8	2.6
3	5350.00	68.5 PK	74.0	-5.5	1.18 H	56	65.7	2.8
4	5350.00	51.2 AV	54.0	-2.8	1.18 H	56	48.4	2.8
5	10620.00	49.8 PK	74.0	-24.2	1.16 H	129	36.7	13.1
6	10620.00	37.4 AV	54.0	-16.6	1.16 H	129	24.3	13.1
7	15930.00	46.3 PK	74.0	-27.7	1.30 H	154	34.0	12.3
8	15930.00	32.9 AV	54.0	-21.1	1.30 H	154	20.6	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.

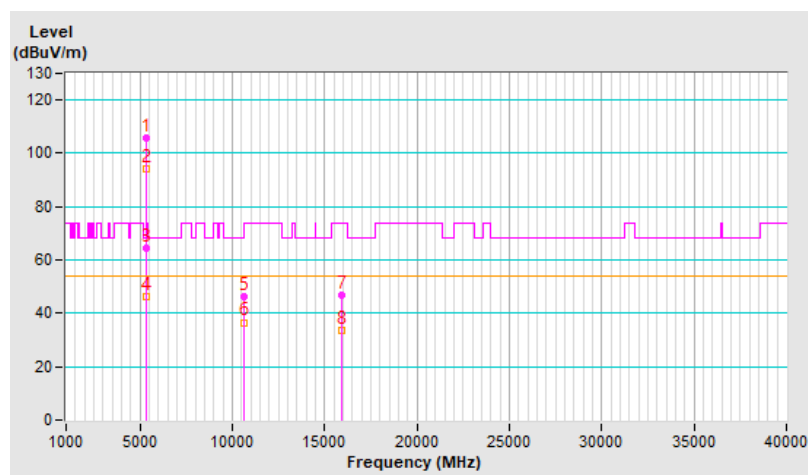


RF Mode	802.11ax (HE40)	Channel	CH 62 : 5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5310.00	105.9 PK			3.95 V	300	103.3	2.6
2	*5310.00	94.3 AV			3.95 V	300	91.7	2.6
3	5350.00	64.2 PK	74.0	-9.8	3.95 V	300	61.4	2.8
4	5350.00	46.1 AV	54.0	-7.9	3.95 V	300	43.3	2.8
5	10620.00	46.4 PK	74.0	-27.6	1.21 V	273	33.3	13.1
6	10620.00	36.6 AV	54.0	-17.4	1.21 V	273	23.5	13.1
7	15930.00	46.7 PK	74.0	-27.3	1.18 V	64	34.4	12.3
8	15930.00	33.4 AV	54.0	-20.6	1.18 V	64	21.1	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.

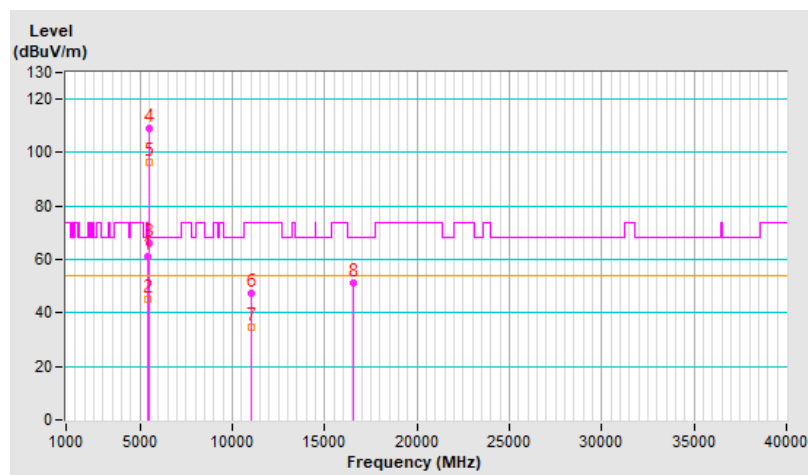


RF Mode	802.11ax (HE40)	Channel	CH 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	61.3 PK	74.0	-12.7	1.30 H	160	58.4	2.9
2	5460.00	45.2 AV	54.0	-8.8	1.30 H	160	42.3	2.9
3	#5470.00	66.3 PK	68.2	-1.9	1.30 H	160	63.4	2.9
4	*5510.00	109.2 PK			1.30 H	160	106.3	2.9
5	*5510.00	96.5 AV			1.30 H	160	93.6	2.9
6	11020.00	47.5 PK	74.0	-26.5	1.65 H	360	33.7	13.8
7	11020.00	34.9 AV	54.0	-19.1	1.65 H	360	21.1	13.8
8	#16530.00	51.1 PK	68.2	-17.1	1.13 H	360	36.4	14.7

Remarks:

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

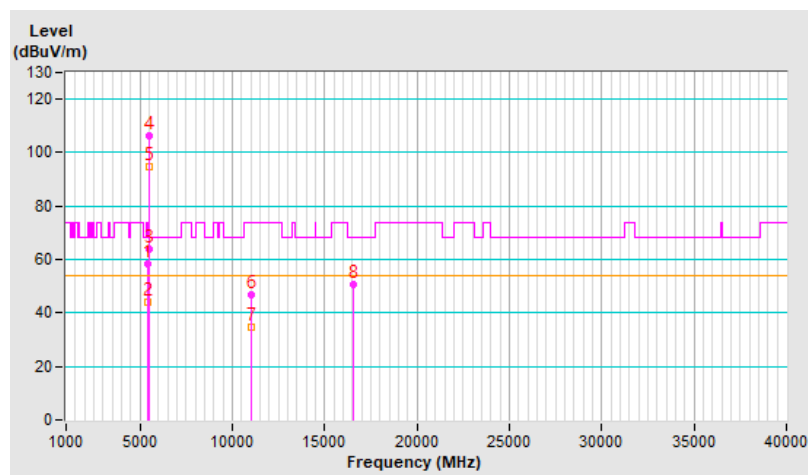


RF Mode	802.11ax (HE40)	Channel	CH 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	58.6 PK	74.0	-15.4	3.98 V	360	55.7	2.9
2	5460.00	43.8 AV	54.0	-10.2	3.98 V	360	40.9	2.9
3	#5470.00	64.0 PK	68.2	-4.2	3.98 V	360	61.1	2.9
4	*5510.00	106.5 PK			3.98 V	360	103.6	2.9
5	*5510.00	94.5 AV			3.98 V	360	91.6	2.9
6	11020.00	47.0 PK	74.0	-27.0	1.43 V	360	33.2	13.8
7	11020.00	34.7 AV	54.0	-19.3	1.43 V	360	20.9	13.8
8	#16530.00	50.9 PK	68.2	-17.3	1.05 V	360	36.2	14.7

Remarks:

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

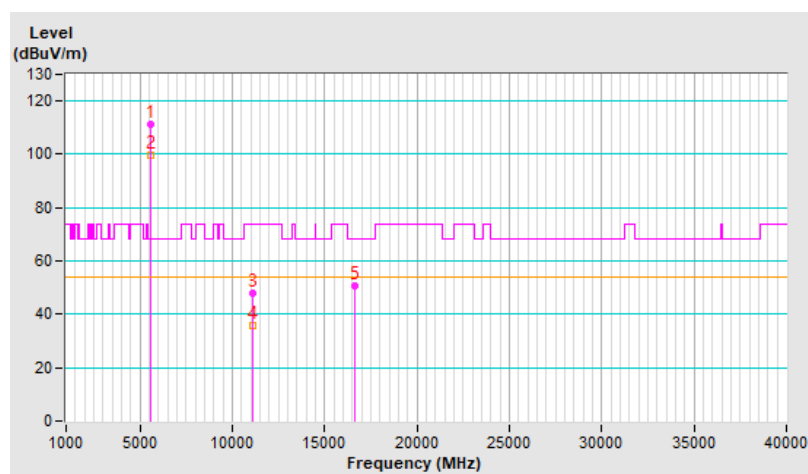


RF Mode	802.11ax (HE40)	Channel	CH 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5550.00	111.3 PK			1.21 H	65	108.4	2.9
2	*5550.00	99.7 AV			1.21 H	65	96.8	2.9
3	11100.00	48.0 PK	74.0	-26.0	1.59 H	360	34.3	13.7
4	11100.00	35.7 AV	54.0	-18.3	1.59 H	360	22.0	13.7
5	#16650.00	50.9 PK	68.2	-17.3	1.11 H	343	35.5	15.4

Remarks:

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

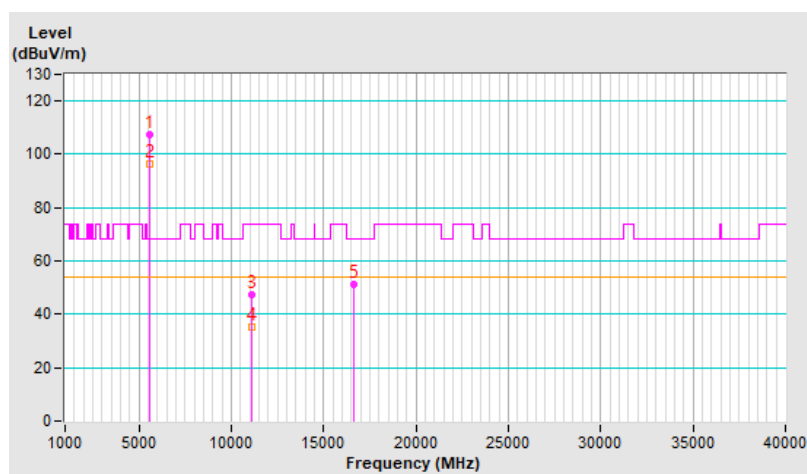


RF Mode	802.11ax (HE40)	Channel	CH 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5550.00	107.2 PK			3.93 V	260	104.3	2.9
2	*5550.00	96.3 AV			3.93 V	260	93.4	2.9
3	11100.00	47.3 PK	74.0	-26.7	1.46 V	360	33.6	13.7
4	11100.00	35.1 AV	54.0	-18.9	1.46 V	360	21.4	13.7
5	#16650.00	51.0 PK	68.2	-17.2	1.02 V	360	35.6	15.4

Remarks:

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

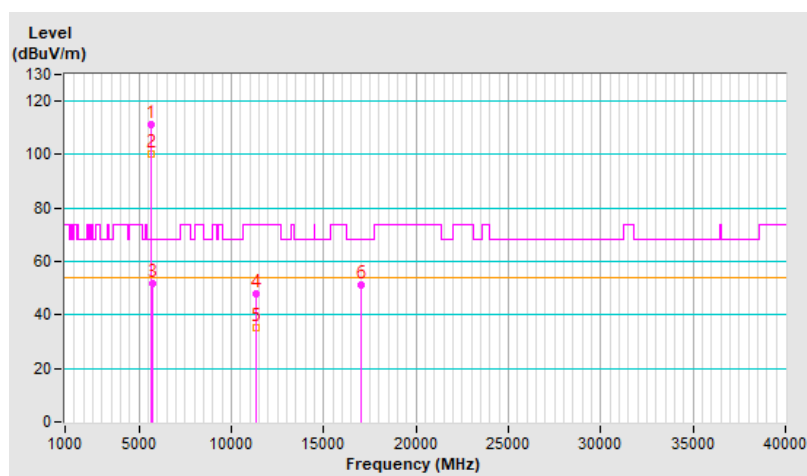


RF Mode	802.11ax (HE40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5670.00	111.4 PK			1.03 H	59	108.6	2.8
2	*5670.00	100.0 AV			1.03 H	59	97.2	2.8
3	#5725.00	52.0 PK	68.2	-16.2	1.03 H	59	49.1	2.9
4	11340.00	47.8 PK	74.0	-26.2	1.64 H	360	34.5	13.3
5	11340.00	35.3 AV	54.0	-18.7	1.64 H	360	22.0	13.3
6	#17010.00	51.2 PK	68.2	-17.0	1.12 H	357	34.3	16.9

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.

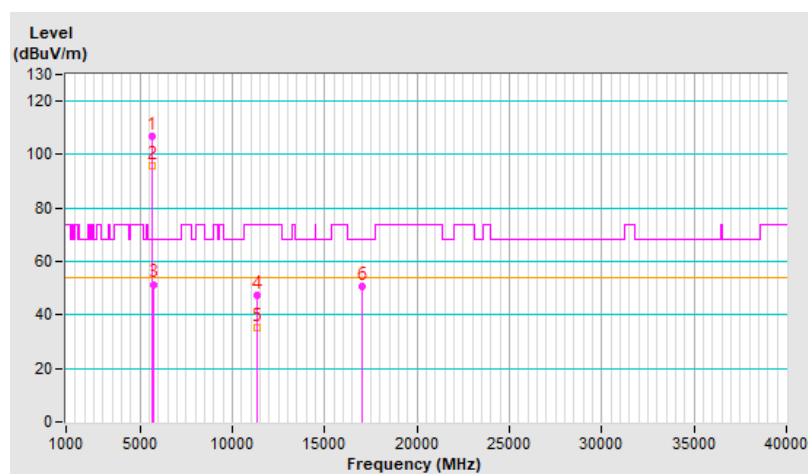


RF Mode	802.11ax (HE40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5670.00	106.7 PK			3.88 V	278	103.9	2.8
2	*5670.00	95.8 AV			3.88 V	278	93.0	2.8
3	#5725.00	51.5 PK	68.2	-16.7	3.88 V	278	48.6	2.9
4	11340.00	47.6 PK	74.0	-26.4	1.42 V	360	34.3	13.3
5	11340.00	35.1 AV	54.0	-18.9	1.42 V	360	21.8	13.3
6	#17010.00	50.7 PK	68.2	-17.5	1.05 V	360	33.8	16.9

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.

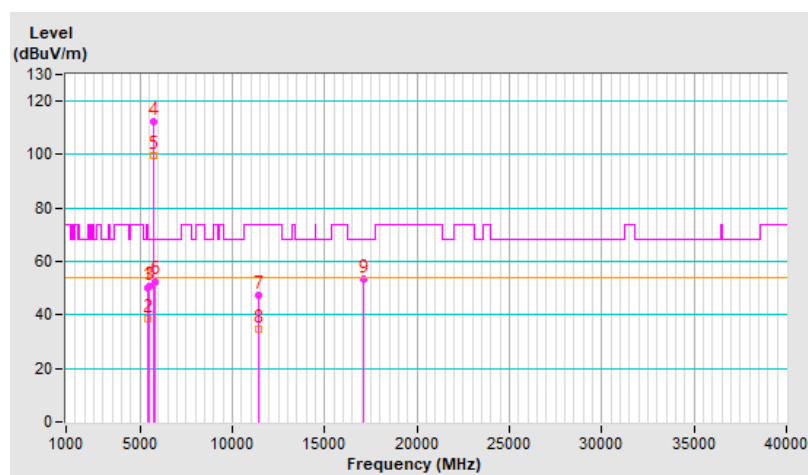


RF Mode	802.11ax (HE40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	50.4 PK	74.0	-23.6	1.10 H	46	47.5	2.9
2	5460.00	38.7 AV	54.0	-15.3	1.10 H	46	35.8	2.9
3	#5470.00	50.9 PK	68.2	-17.3	1.10 H	46	48.0	2.9
4	*5710.00	112.5 PK			1.10 H	46	109.6	2.9
5	*5710.00	99.8 AV			1.10 H	46	96.9	2.9
6	#5850.00	52.6 PK	68.2	-15.6	1.10 H	46	49.3	3.3
7	11420.00	47.6 PK	74.0	-26.4	1.70 H	347	34.3	13.3
8	11420.00	34.9 AV	54.0	-19.1	1.70 H	347	21.6	13.3
9	#17130.00	53.6 PK	68.2	-14.6	1.16 H	79	37.0	16.6

Remarks:

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

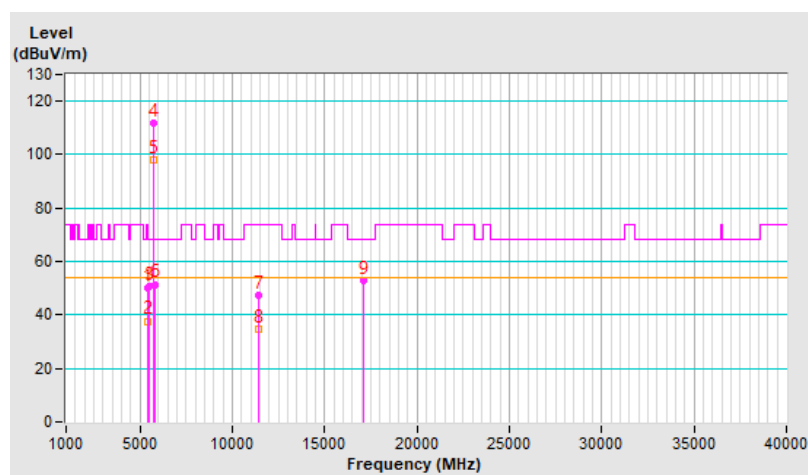


RF Mode	802.11ax (HE40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	50.2 PK	74.0	-23.8	3.76 V	21	47.3	2.9
2	5460.00	37.7 AV	54.0	-16.3	3.76 V	21	34.8	2.9
3	#5470.00	50.5 PK	68.2	-17.7	3.76 V	21	47.6	2.9
4	*5710.00	111.8 PK			3.76 V	21	108.9	2.9
5	*5710.00	97.9 AV			3.76 V	21	95.0	2.9
6	#5850.00	51.5 PK	68.2	-16.7	3.76 V	21	48.2	3.3
7	11420.00	47.1 PK	74.0	-26.9	1.61 V	360	33.8	13.3
8	11420.00	34.7 AV	54.0	-19.3	1.61 V	360	21.4	13.3
9	#17130.00	53.0 PK	68.2	-15.2	1.29 V	360	36.4	16.6

Remarks:

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

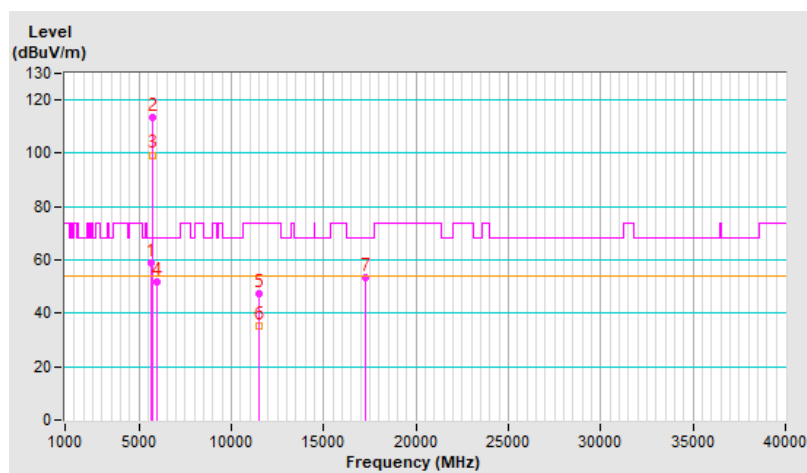


RF Mode	802.11ax (HE40)	Channel	CH 151 : 5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5649.70	58.9 PK	68.2	-9.3	1.00 H	42	56.2	2.7
2	*5755.00	113.4 PK			1.00 H	42	110.3	3.1
3	*5755.00	99.4 AV			1.00 H	42	96.3	3.1
4	#5959.40	51.9 PK	68.2	-16.3	1.00 H	42	48.7	3.2
5	11510.00	47.6 PK	74.0	-26.4	1.69 H	350	34.6	13.0
6	11510.00	35.1 AV	54.0	-18.9	1.69 H	350	22.1	13.0
7	#17265.00	53.4 PK	68.2	-14.8	1.17 H	76	35.9	17.5

Remarks:

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

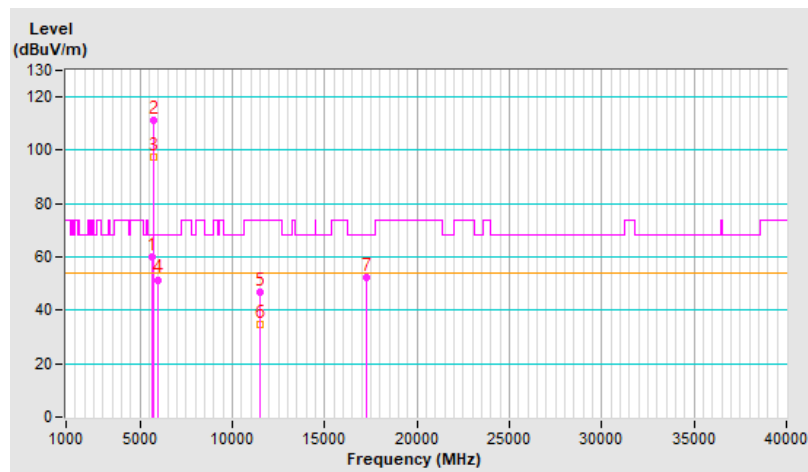


RF Mode	802.11ax (HE40)	Channel	CH 151 : 5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5648.20	59.8 PK	68.2	-8.4	4.00 V	354	57.1	2.7
2	*5755.00	111.5 PK			4.00 V	354	108.4	3.1
3	*5755.00	97.5 AV			4.00 V	354	94.4	3.1
4	#5949.10	51.5 PK	68.2	-16.7	4.00 V	354	48.3	3.2
5	11510.00	46.9 PK	74.0	-27.1	1.61 V	360	33.9	13.0
6	11510.00	34.5 AV	54.0	-19.5	1.61 V	360	21.5	13.0
7	#17265.00	52.5 PK	68.2	-15.7	1.29 V	360	35.0	17.5

Remarks:

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

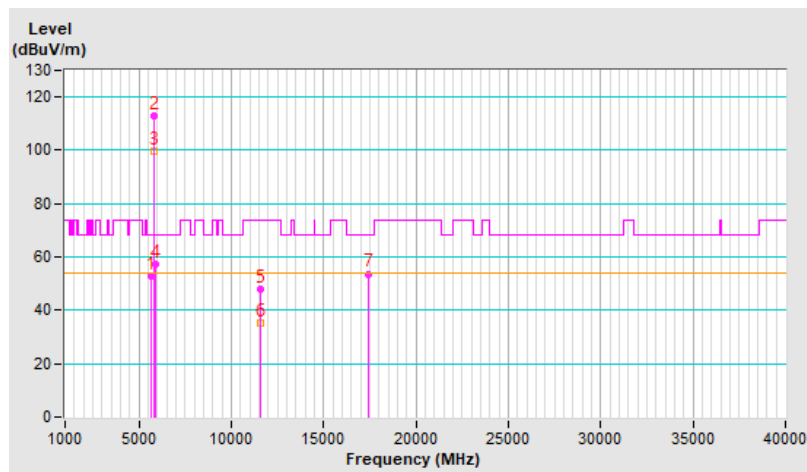


RF Mode	802.11ax (HE40)	Channel	CH 159 : 5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5644.30	52.9 PK	68.2	-15.3	1.00 H	40	50.2	2.7
2	*5795.00	113.1 PK			1.00 H	40	109.9	3.2
3	*5795.00	99.9 AV			1.00 H	40	96.7	3.2
4	#5932.90	57.1 PK	68.2	-11.1	1.00 H	40	53.9	3.2
5	11590.00	47.7 PK	74.0	-26.3	1.67 H	338	34.5	13.2
6	11590.00	35.2 AV	54.0	-18.8	1.67 H	338	22.0	13.2
7	#17385.00	53.7 PK	68.2	-14.5	1.12 H	89	34.8	18.9

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.

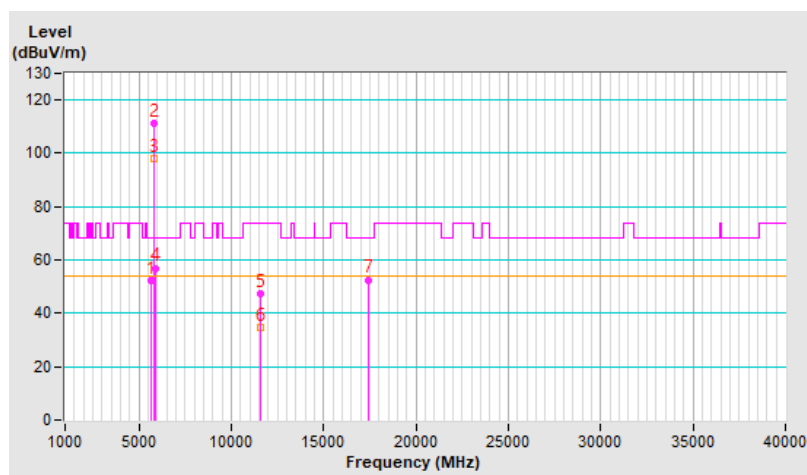


RF Mode	802.11ax (HE40)	Channel	CH 159 : 5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5642.40	52.1 PK	68.2	-16.1	4.00 V	279	49.4	2.7
2	*5795.00	111.4 PK			4.00 V	279	108.2	3.2
3	*5795.00	98.0 AV			4.00 V	279	94.8	3.2
4	#5932.50	57.0 PK	68.2	-11.2	4.00 V	279	53.8	3.2
5	11590.00	47.4 PK	74.0	-26.6	1.56 V	360	34.2	13.2
6	11590.00	34.8 AV	54.0	-19.2	1.56 V	360	21.6	13.2
7	#17385.00	52.6 PK	68.2	-15.6	1.25 V	360	33.7	18.9

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.

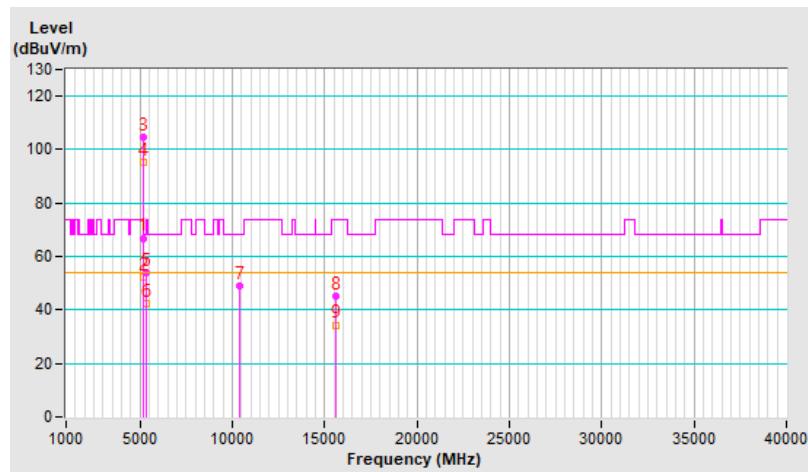


RF Mode	802.11ax (HE80)	Channel	CH 42 : 5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	66.9 PK	74.0	-7.1	1.00 H	57	63.5	3.4
2	5150.00	52.2 AV	54.0	-1.8	1.00 H	57	48.8	3.4
3	*5210.00	104.8 PK			1.00 H	57	101.8	3.0
4	*5210.00	95.2 AV			1.00 H	57	92.2	3.0
5	5350.00	54.1 PK	74.0	-19.9	1.00 H	57	51.3	2.8
6	5350.00	42.4 AV	54.0	-11.6	1.00 H	57	39.6	2.8
7	#10420.00	49.2 PK	68.2	-19.0	1.09 H	114	36.2	13.0
8	15630.00	45.4 PK	74.0	-28.6	1.39 H	360	34.5	10.9
9	15630.00	34.4 AV	54.0	-19.6	1.39 H	360	23.5	10.9

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.

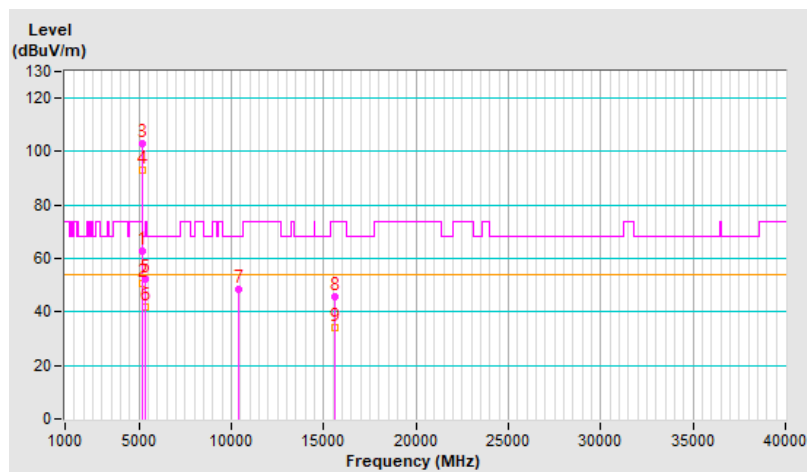


RF Mode	802.11ax (HE80)	Channel	CH 42 : 5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	62.7 PK	74.0	-11.3	3.98 V	360	59.3	3.4
2	5150.00	50.5 AV	54.0	-3.5	3.98 V	360	47.1	3.4
3	*5210.00	102.8 PK			3.98 V	360	99.8	3.0
4	*5210.00	93.3 AV			3.98 V	360	90.3	3.0
5	5350.00	52.2 PK	74.0	-21.8	3.98 V	360	49.4	2.8
6	5350.00	41.9 AV	54.0	-12.1	3.98 V	360	39.1	2.8
7	#10420.00	48.3 PK	68.2	-19.9	1.46 V	257	35.3	13.0
8	15630.00	45.5 PK	74.0	-28.5	2.20 V	62	34.6	10.9
9	15630.00	34.1 AV	54.0	-19.9	2.20 V	62	23.2	10.9

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.

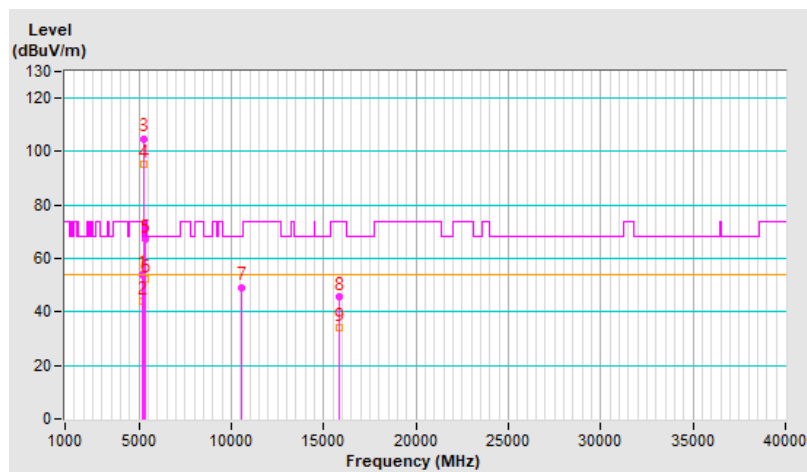


RF Mode	802.11ax (HE80)	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	54.2 PK	74.0	-19.8	1.22 H	59	50.8	3.4
2	5150.00	44.0 AV	54.0	-10.0	1.22 H	59	40.6	3.4
3	*5290.00	104.9 PK			1.22 H	59	102.5	2.4
4	*5290.00	95.3 AV			1.22 H	59	92.9	2.4
5	5350.00	67.0 PK	74.0	-7.0	1.22 H	59	64.2	2.8
6	5350.00	52.4 AV	54.0	-1.6	1.22 H	59	49.6	2.8
7	#10580.00	49.3 PK	68.2	-18.9	1.48 H	256	36.5	12.8
8	15870.00	45.5 PK	74.0	-28.5	1.38 H	360	33.5	12.0
9	15870.00	34.3 AV	54.0	-19.7	1.38 H	360	22.3	12.0

Remarks:

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

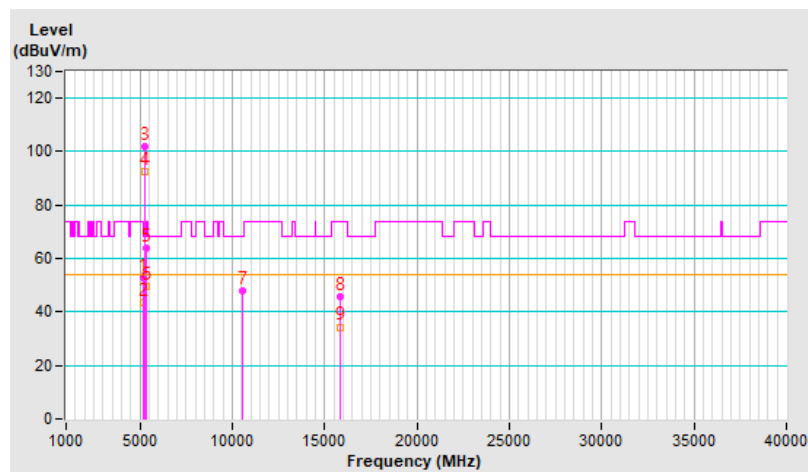


RF Mode	802.11ax (HE80)	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	53.0 PK	74.0	-21.0	3.98 V	290	49.6	3.4
2	5150.00	43.4 AV	54.0	-10.6	3.98 V	290	40.0	3.4
3	*5290.00	102.1 PK			3.98 V	290	99.7	2.4
4	*5290.00	92.5 AV			3.98 V	290	90.1	2.4
5	5350.00	64.1 PK	74.0	-9.9	3.98 V	290	61.3	2.8
6	5350.00	49.4 AV	54.0	-4.6	3.98 V	290	46.6	2.8
7	#10580.00	47.9 PK	68.2	-20.3	1.43 V	263	35.1	12.8
8	15870.00	45.8 PK	74.0	-28.2	2.19 V	65	33.8	12.0
9	15870.00	34.4 AV	54.0	-19.6	2.19 V	65	22.4	12.0

Remarks:

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

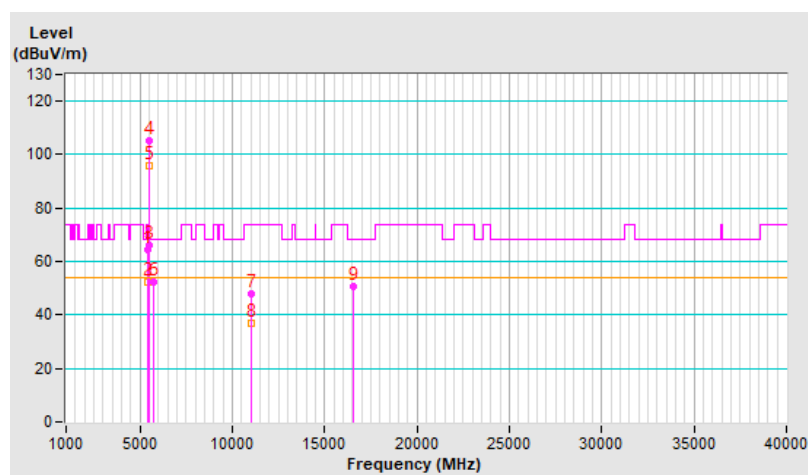


RF Mode	802.11ax (HE80)	Channel	CH 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	64.6 PK	74.0	-9.4	1.00 H	160	61.7	2.9
2	5460.00	52.1 AV	54.0	-1.9	1.00 H	160	49.2	2.9
3	#5470.00	66.2 PK	68.2	-2.0	1.00 H	160	63.3	2.9
4	*5530.00	105.4 PK			1.00 H	160	102.5	2.9
5	*5530.00	95.8 AV			1.00 H	160	92.9	2.9
6	#5725.00	52.1 PK	68.2	-16.1	1.00 H	160	49.2	2.9
7	11060.00	47.7 PK	74.0	-26.3	1.08 H	340	33.9	13.8
8	11060.00	37.0 AV	54.0	-17.0	1.08 H	340	23.2	13.8
9	#16590.00	50.8 PK	68.2	-17.4	1.09 H	157	36.0	14.8

Remarks:

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

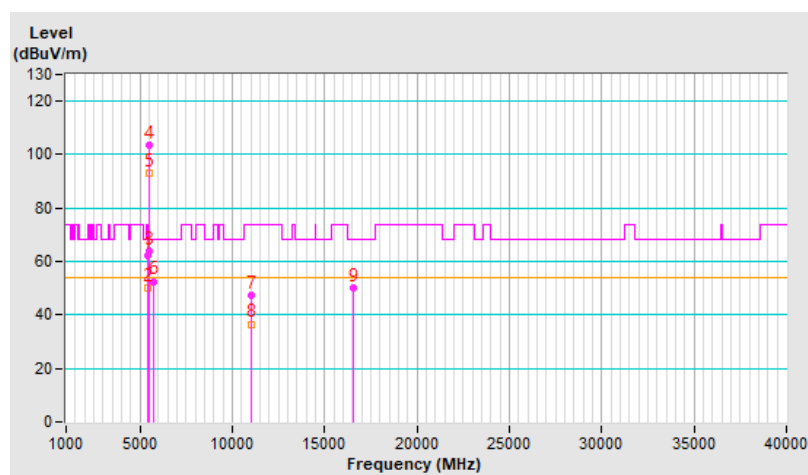


RF Mode	802.11ax (HE80)	Channel	CH 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	62.4 PK	74.0	-11.6	3.88 V	293	59.5	2.9
2	5460.00	50.0 AV	54.0	-4.0	3.88 V	293	47.1	2.9
3	#5470.00	63.9 PK	68.2	-4.3	3.88 V	293	61.0	2.9
4	*5530.00	103.7 PK			3.88 V	293	100.8	2.9
5	*5530.00	93.2 AV			3.88 V	293	90.3	2.9
6	#5725.00	52.6 PK	68.2	-15.6	3.88 V	293	49.7	2.9
7	11060.00	47.3 PK	74.0	-26.7	1.57 V	275	33.5	13.8
8	11060.00	36.6 AV	54.0	-17.4	1.57 V	275	22.8	13.8
9	#16590.00	50.2 PK	68.2	-18.0	2.27 V	71	35.4	14.8

Remarks:

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

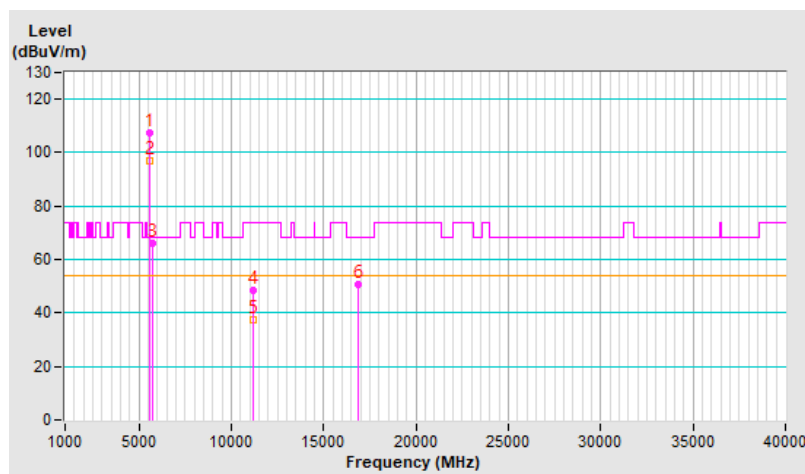


RF Mode	802.11ax (HE80)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5610.00	107.4 PK			1.17 H	48	104.7	2.7
2	*5610.00	97.1 AV			1.17 H	48	94.4	2.7
3	#5725.00	66.3 PK	68.2	-1.9	1.17 H	48	63.4	2.9
4	11220.00	48.3 PK	74.0	-25.7	1.11 H	343	35.4	12.9
5	11220.00	37.4 AV	54.0	-16.6	1.11 H	343	24.5	12.9
6	#16830.00	50.9 PK	68.2	-17.3	1.09 H	143	34.8	16.1

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.

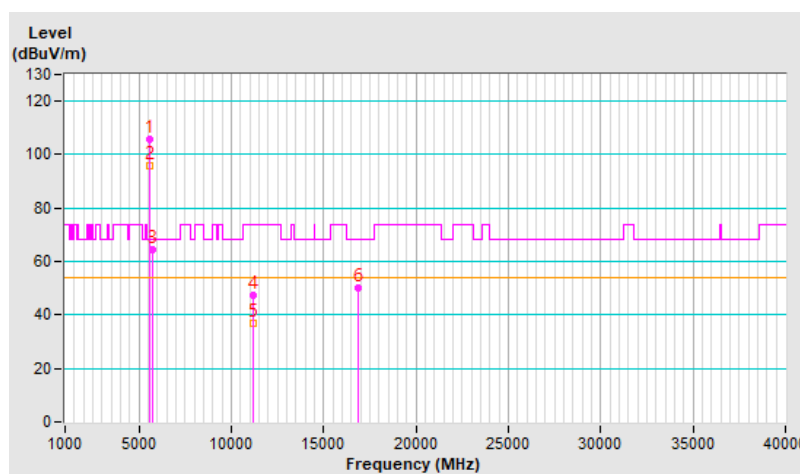


RF Mode	802.11ax (HE80)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	*5610.00	105.7 PK			3.85 V	312	103.0	2.7
2	*5610.00	95.6 AV			3.85 V	312	92.9	2.7
3	#5725.00	64.3 PK	68.2	-3.9	3.85 V	312	61.4	2.9
4	11220.00	47.6 PK	74.0	-26.4	1.53 V	278	34.7	12.9
5	11220.00	36.8 AV	54.0	-17.2	1.53 V	278	23.9	12.9
6	#16830.00	50.2 PK	68.2	-18.0	2.23 V	78	34.1	16.1

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.

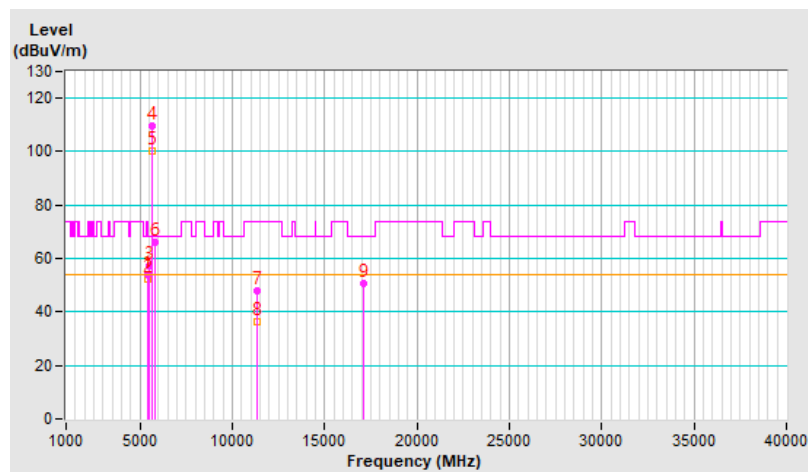


RF Mode	802.11ax (HE80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	54.2 PK	74.0	-19.8	1.10 H	46	51.3	2.9
2	5460.00	52.2 AV	54.0	-1.8	1.10 H	46	49.3	2.9
3	#5470.00	57.3 PK	68.2	-10.9	1.10 H	46	54.4	2.9
4	*5690.00	109.6 PK			1.10 H	46	106.8	2.8
5	*5690.00	100.3 AV			1.10 H	46	97.5	2.8
6	#5850.00	66.1 PK	68.2	-2.1	1.10 H	46	62.8	3.3
7	11380.00	48.1 PK	74.0	-25.9	1.48 H	360	34.8	13.3
8	11380.00	36.5 AV	54.0	-17.5	1.48 H	360	23.2	13.3
9	#17070.00	50.9 PK	68.2	-17.3	1.56 H	96	34.2	16.7

Remarks:

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

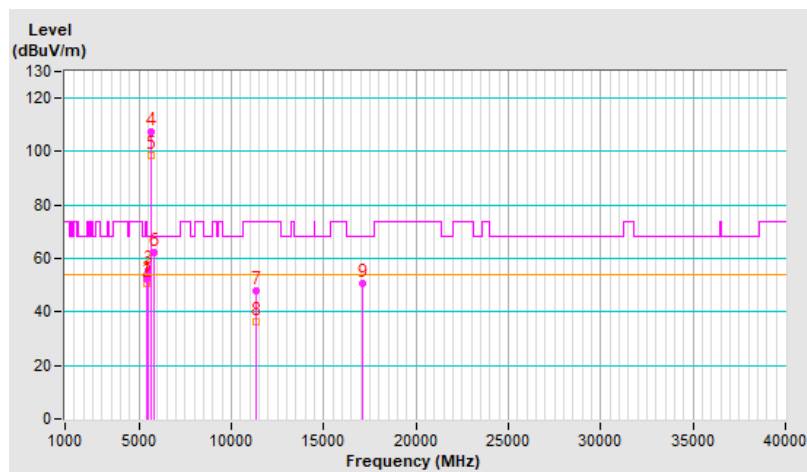


RF Mode	802.11ax (HE80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	52.1 PK	74.0	-21.9	3.82 V	322	49.2	2.9
2	5460.00	50.6 AV	54.0	-3.4	3.82 V	322	47.7	2.9
3	#5470.00	55.4 PK	68.2	-12.8	3.82 V	322	52.5	2.9
4	*5690.00	107.2 PK			3.82 V	322	104.4	2.8
5	*5690.00	98.5 AV			3.82 V	322	95.7	2.8
6	#5850.00	62.3 PK	68.2	-5.9	3.82 V	322	59.0	3.3
7	11380.00	47.7 PK	74.0	-26.3	1.58 V	257	34.4	13.3
8	11380.00	36.1 AV	54.0	-17.9	1.58 V	257	22.8	13.3
9	#17070.00	50.6 PK	68.2	-17.6	2.43 V	98	33.9	16.7

Remarks:

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

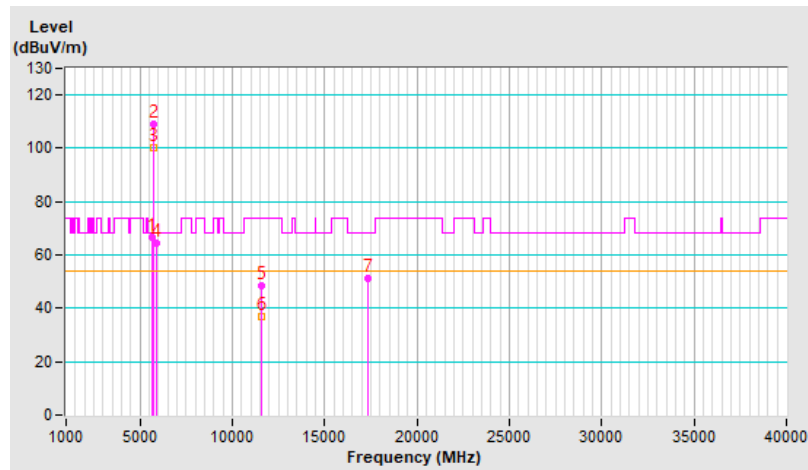


RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5648.90	66.4 PK	68.2	-1.8	1.00 H	41	63.7	2.7
2	*5775.00	109.2 PK			1.00 H	41	106.1	3.1
3	*5775.00	100.1 AV			1.00 H	41	97.0	3.1
4	#5932.90	64.6 PK	68.2	-3.6	1.00 H	41	61.4	3.2
5	11550.00	48.7 PK	74.0	-25.3	1.42 H	360	35.5	13.2
6	11550.00	36.9 AV	54.0	-17.1	1.42 H	360	23.7	13.2
7	#17325.00	51.2 PK	68.2	-17.0	1.56 H	88	33.1	18.1

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.

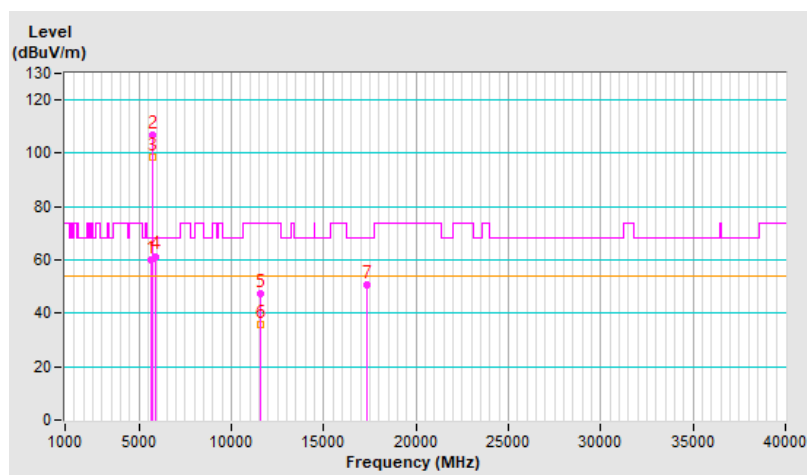


RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5649.20	59.8 PK	68.2	-8.4	3.61 V	18	57.1	2.7
2	*5775.00	106.7 PK			3.61 V	18	103.6	3.1
3	*5775.00	98.4 AV			3.61 V	18	95.3	3.1
4	#5932.70	61.4 PK	68.2	-6.8	3.61 V	18	58.2	3.2
5	11550.00	47.5 PK	74.0	-26.5	1.61 V	266	34.3	13.2
6	11550.00	35.7 AV	54.0	-18.3	1.61 V	266	22.5	13.2
7	#17325.00	50.7 PK	68.2	-17.5	2.40 V	93	32.6	18.1

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.

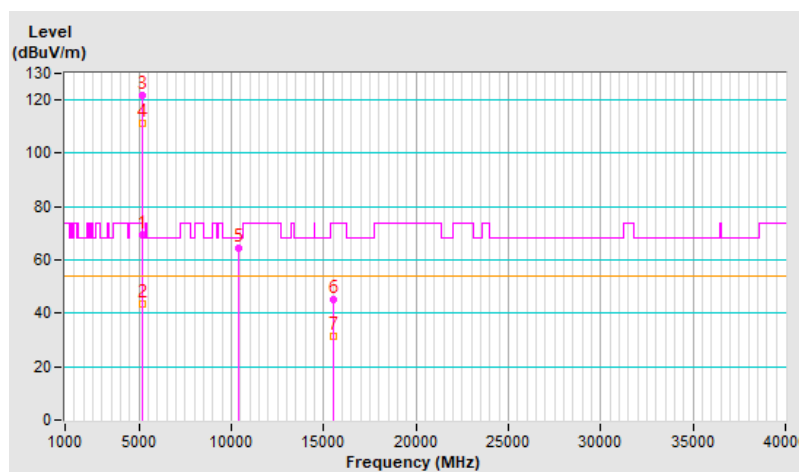


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	69.4 PK	74.0	-4.6	1.19 H	57	66.0	3.4
2	5150.00	43.7 AV	54.0	-10.3	1.19 H	57	40.3	3.4
3	*5180.00	121.5 PK			1.19 H	57	118.4	3.1
4	*5180.00	111.3 AV			1.19 H	57	108.2	3.1
5	#10360.00	64.3 PK	68.2	-3.9	1.29 H	106	51.5	12.8
6	15540.00	45.1 PK	74.0	-28.9	1.50 H	253	33.8	11.3
7	15540.00	31.3 AV	54.0	-22.7	1.50 H	253	20.0	11.3

Remarks:

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

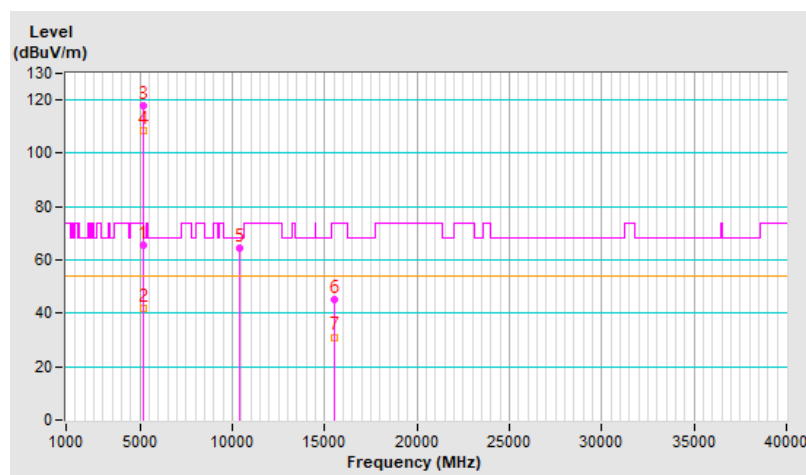


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	65.4 PK	74.0	-8.6	4.00 V	360	62.0	3.4
2	5150.00	42.0 AV	54.0	-12.0	4.00 V	360	38.6	3.4
3	*5180.00	117.9 PK			4.00 V	360	114.8	3.1
4	*5180.00	108.3 AV			4.00 V	360	105.2	3.1
5	#10360.00	64.2 PK	68.2	-4.0	3.95 V	315	51.4	12.8
6	15540.00	45.2 PK	74.0	-28.8	1.05 V	360	33.9	11.3
7	15540.00	31.1 AV	54.0	-22.9	1.05 V	360	19.8	11.3

Remarks:

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

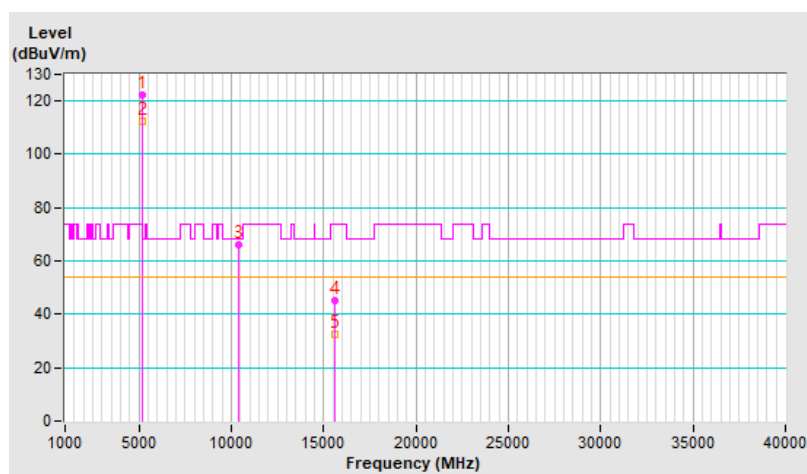


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	122.1 PK			1.10 H	60	119.1	3.0
2	*5200.00	112.1 AV			1.10 H	60	109.1	3.0
3	#10400.00	65.9 PK	68.2	-2.3	1.32 H	115	52.8	13.1
4	15600.00	45.3 PK	74.0	-28.7	1.48 H	259	34.6	10.7
5	15600.00	32.3 AV	54.0	-21.7	1.48 H	259	21.6	10.7

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.

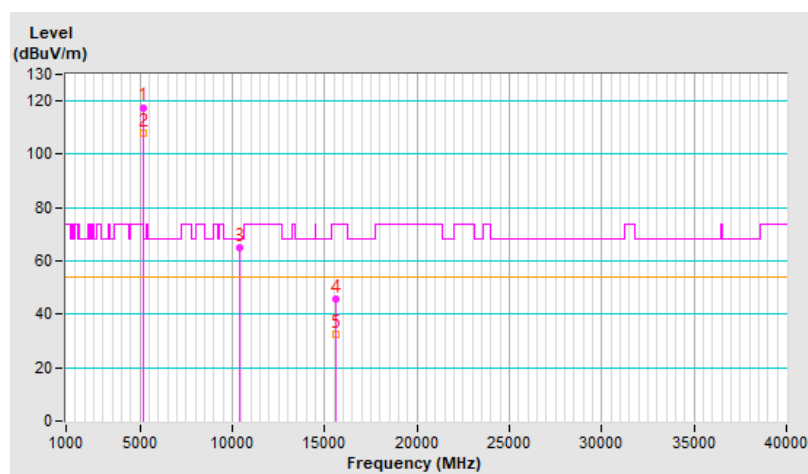


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	117.6 PK			3.89 V	360	114.6	3.0
2	*5200.00	107.7 AV			3.89 V	360	104.7	3.0
3	#10400.00	64.9 PK	68.2	-3.3	3.92 V	306	51.8	13.1
4	15600.00	45.9 PK	74.0	-28.1	1.00 V	360	35.2	10.7
5	15600.00	32.5 AV	54.0	-21.5	1.00 V	360	21.8	10.7

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.

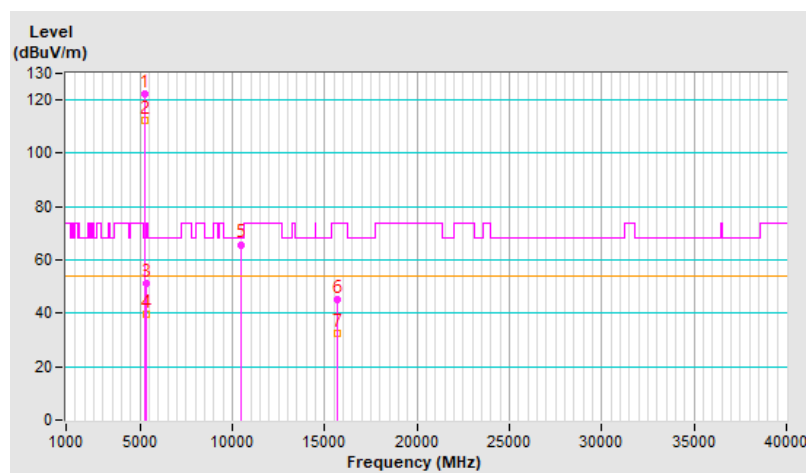


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	122.5 PK			1.08 H	57	119.8	2.7
2	*5240.00	112.4 AV			1.08 H	57	109.7	2.7
3	5350.00	51.3 PK	74.0	-22.7	1.08 H	57	48.5	2.8
4	5350.00	39.7 AV	54.0	-14.3	1.08 H	57	36.9	2.8
5	#10480.00	65.8 PK	68.2	-2.4	1.26 H	108	53.0	12.8
6	15720.00	45.4 PK	74.0	-28.6	1.51 H	237	34.0	11.4
7	15720.00	32.5 AV	54.0	-21.5	1.51 H	237	21.1	11.4

Remarks:

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

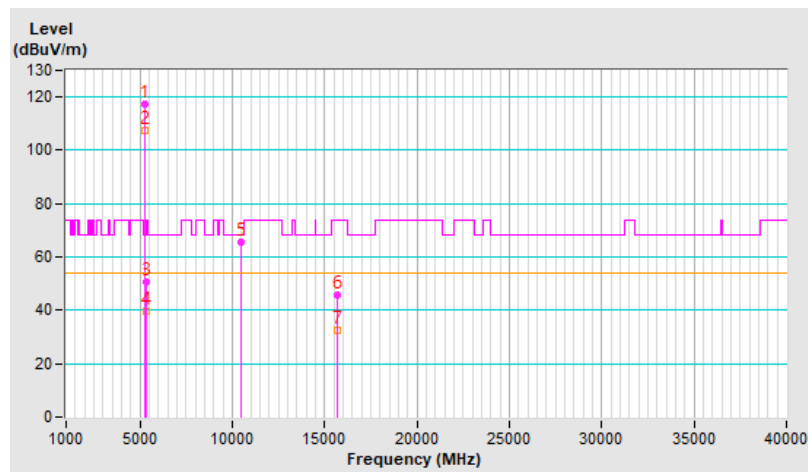


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	117.2 PK			3.86 V	360	114.5	2.7
2	*5240.00	107.3 AV			3.86 V	360	104.6	2.7
3	5350.00	50.8 PK	74.0	-23.2	3.86 V	360	48.0	2.8
4	5350.00	39.4 AV	54.0	-14.6	3.86 V	360	36.6	2.8
5	#10480.00	65.3 PK	68.2	-2.9	3.93 V	319	52.5	12.8
6	15720.00	45.9 PK	74.0	-28.1	1.06 V	360	34.5	11.4
7	15720.00	32.7 AV	54.0	-21.3	1.06 V	360	21.3	11.4

Remarks:

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

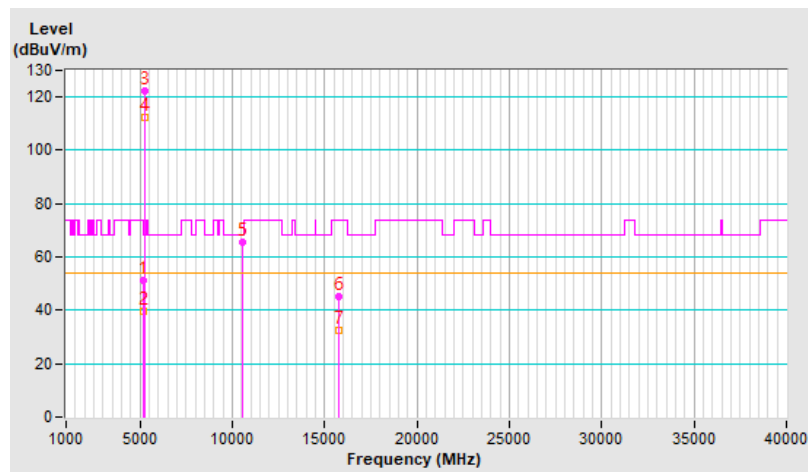


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	51.2 PK	74.0	-22.8	1.07 H	61	47.8	3.4
2	5150.00	39.5 AV	54.0	-14.5	1.07 H	61	36.1	3.4
3	*5260.00	122.3 PK			1.07 H	61	119.7	2.6
4	*5260.00	112.2 AV			1.07 H	61	109.6	2.6
5	#10520.00	65.5 PK	68.2	-2.7	1.25 H	116	52.9	12.6
6	15780.00	45.4 PK	74.0	-28.6	1.53 H	246	33.6	11.8
7	15780.00	32.6 AV	54.0	-21.4	1.53 H	246	20.8	11.8

Remarks:

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

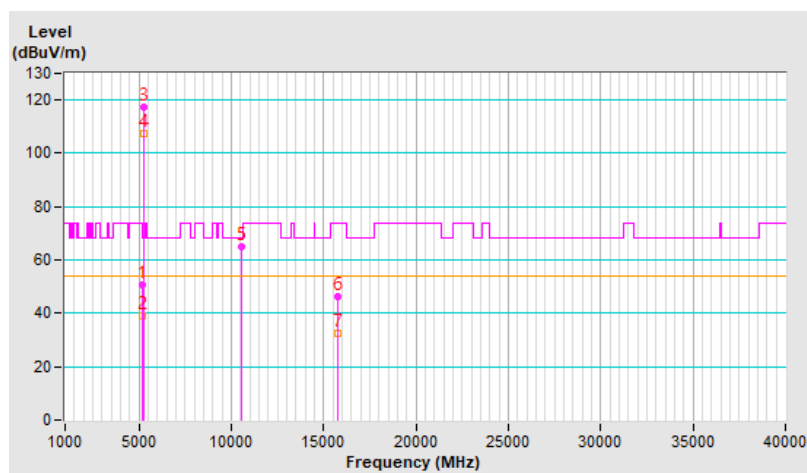


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	50.7 PK	74.0	-23.3	3.85 V	360	47.3	3.4
2	5150.00	39.1 AV	54.0	-14.9	3.85 V	360	35.7	3.4
3	*5260.00	117.5 PK			3.85 V	360	114.9	2.6
4	*5260.00	107.6 AV			3.85 V	360	105.0	2.6
5	#10520.00	64.8 PK	68.2	-3.4	3.95 V	302	52.2	12.6
6	15780.00	46.0 PK	74.0	-28.0	1.10 V	360	34.2	11.8
7	15780.00	32.3 AV	54.0	-21.7	1.10 V	360	20.5	11.8

Remarks:

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

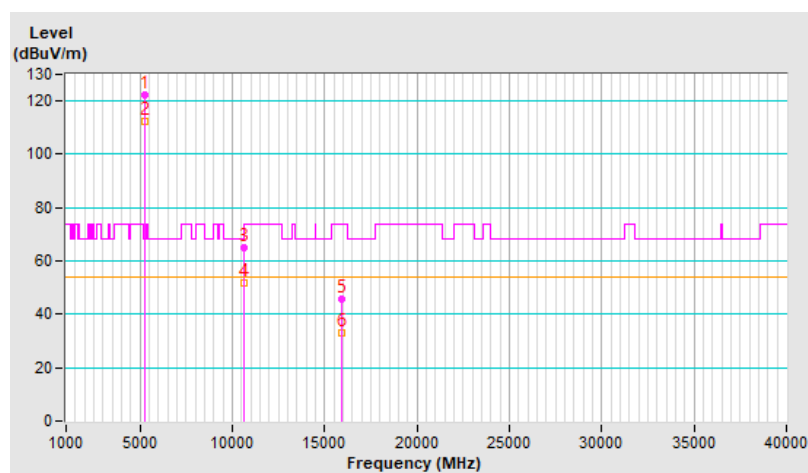


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	122.3 PK			1.10 H	56	119.9	2.4
2	*5300.00	112.2 AV			1.10 H	56	109.8	2.4
3	10600.00	65.2 PK	74.0	-8.8	1.29 H	104	52.3	12.9
4	10600.00	52.0 AV	54.0	-2.0	1.29 H	104	39.1	12.9
5	15900.00	45.8 PK	74.0	-28.2	1.55 H	253	33.7	12.1
6	15900.00	33.0 AV	54.0	-21.0	1.55 H	253	20.9	12.1

Remarks:

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

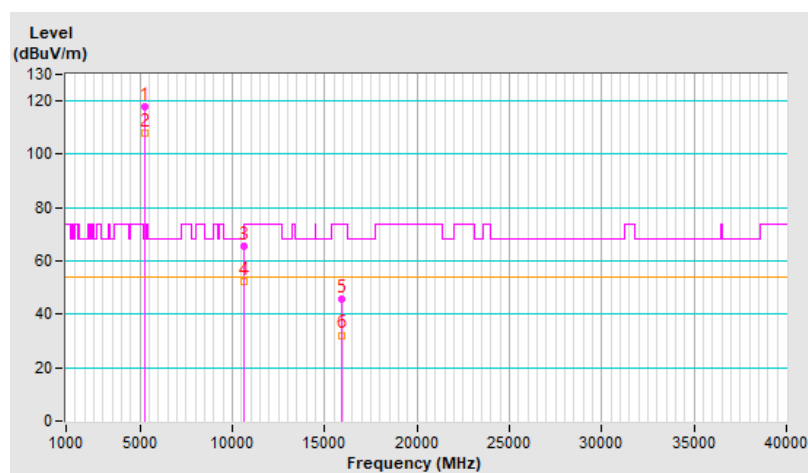


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	117.7 PK			3.87 V	360	115.3	2.4
2	*5300.00	107.8 AV			3.87 V	360	105.4	2.4
3	10600.00	65.5 PK	74.0	-8.5	3.89 V	318	52.6	12.9
4	10600.00	52.5 AV	54.0	-1.5	3.89 V	318	39.6	12.9
5	15900.00	45.6 PK	74.0	-28.4	1.11 V	360	33.5	12.1
6	15900.00	32.2 AV	54.0	-21.8	1.11 V	360	20.1	12.1

Remarks:

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

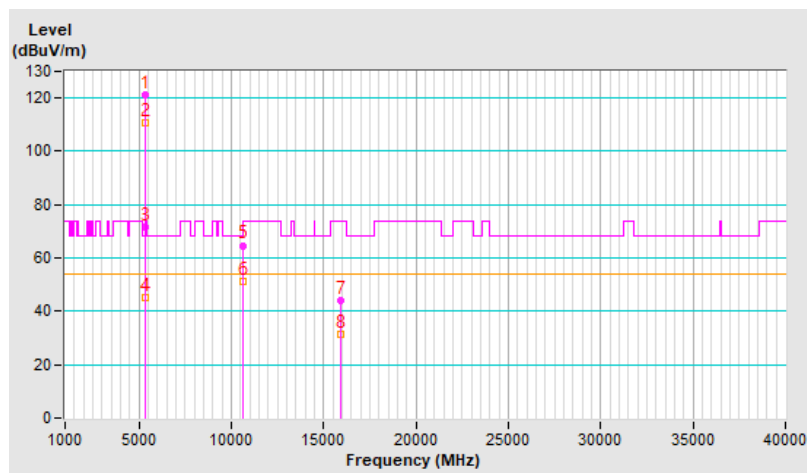


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	121.1 PK			1.00 H	56	118.5	2.6
2	*5320.00	110.8 AV			1.00 H	56	108.2	2.6
3	5350.00	71.7 PK	74.0	-2.3	1.00 H	56	68.9	2.8
4	5350.00	45.3 AV	54.0	-8.7	1.00 H	56	42.5	2.8
5	10640.00	64.7 PK	74.0	-9.3	1.33 H	112	51.6	13.1
6	10640.00	51.4 AV	54.0	-2.6	1.33 H	112	38.3	13.1
7	15960.00	44.1 PK	74.0	-29.9	1.55 H	252	31.7	12.4
8	15960.00	31.3 AV	54.0	-22.7	1.55 H	252	18.9	12.4

Remarks:

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

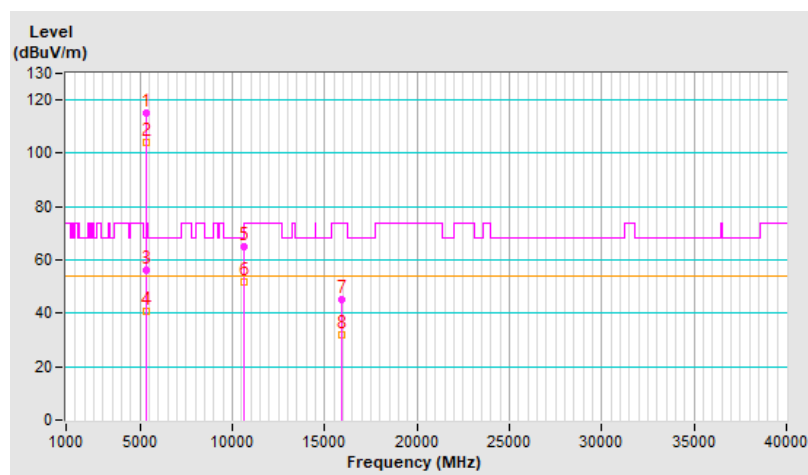


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	115.1 PK			1.17 V	304	112.5	2.6
2	*5320.00	104.3 AV			1.17 V	304	101.7	2.6
3	5350.00	56.4 PK	74.0	-17.6	1.17 V	304	53.6	2.8
4	5350.00	40.9 AV	54.0	-13.1	1.17 V	304	38.1	2.8
5	10640.00	64.8 PK	74.0	-9.2	3.89 V	320	51.7	13.1
6	10640.00	51.8 AV	54.0	-2.2	3.89 V	320	38.7	13.1
7	15960.00	45.2 PK	74.0	-28.8	1.05 V	360	32.8	12.4
8	15960.00	31.8 AV	54.0	-22.2	1.05 V	360	19.4	12.4

Remarks:

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

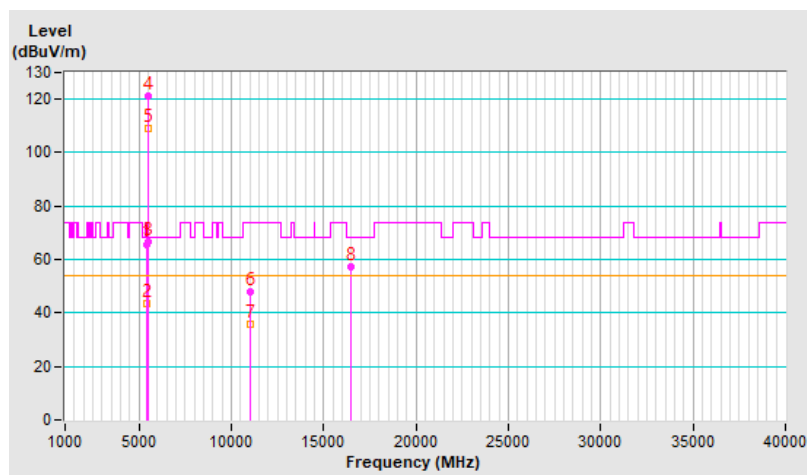


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	65.8 PK	74.0	-8.2	1.00 H	160	62.9	2.9
2	5460.00	43.7 AV	54.0	-10.3	1.00 H	160	40.8	2.9
3	#5470.00	66.5 PK	68.2	-1.7	1.00 H	160	63.6	2.9
4	*5500.00	121.1 PK			1.00 H	160	118.2	2.9
5	*5500.00	108.8 AV			1.00 H	160	105.9	2.9
6	11000.00	48.0 PK	74.0	-26.0	3.83 H	274	34.2	13.8
7	11000.00	35.8 AV	54.0	-18.2	3.83 H	274	22.0	13.8
8	#16500.00	57.3 PK	68.2	-10.9	1.21 H	163	42.6	14.7

Remarks:

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

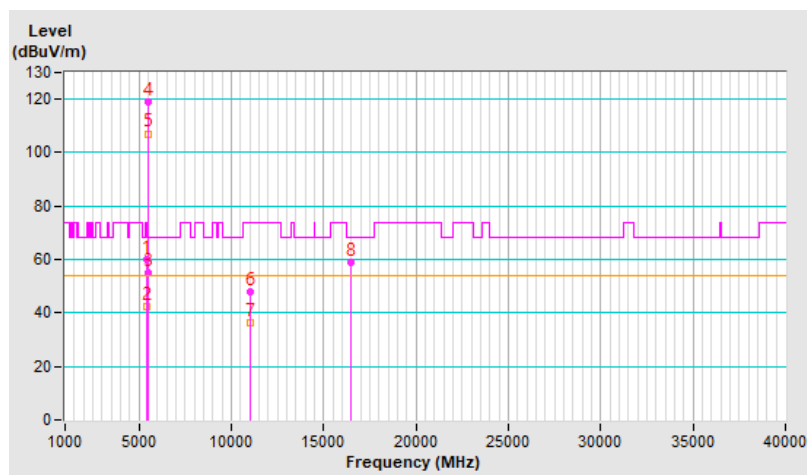


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	60.1 PK	74.0	-13.9	3.41 V	27	57.2	2.9
2	5460.00	42.4 AV	54.0	-11.6	3.41 V	27	39.5	2.9
3	#5470.00	55.0 PK	68.2	-13.2	3.41 V	27	52.1	2.9
4	*5500.00	119.1 PK			3.41 V	27	116.2	2.9
5	*5500.00	107.1 AV			3.41 V	27	104.2	2.9
6	11000.00	47.9 PK	74.0	-26.1	1.22 V	75	34.1	13.8
7	11000.00	36.1 AV	54.0	-17.9	1.22 V	75	22.3	13.8
8	#16500.00	58.7 PK	68.2	-9.5	1.29 V	117	44.0	14.7

Remarks:

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

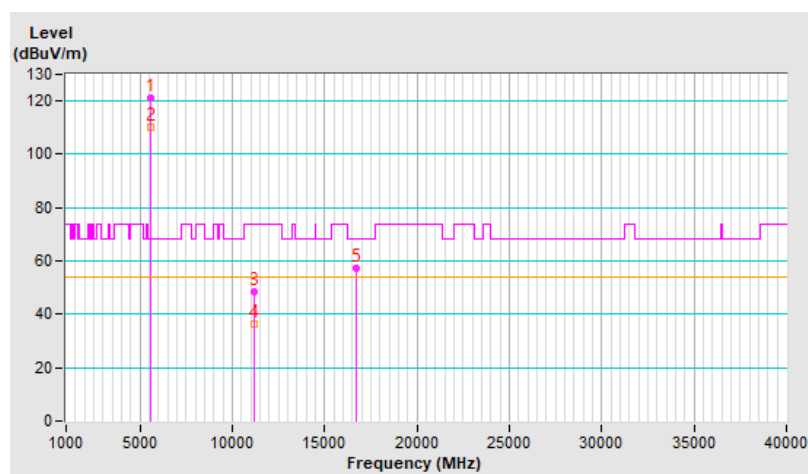


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	121.3 PK			1.05 H	161	118.6	2.7
2	*5580.00	110.3 AV			1.05 H	161	107.6	2.7
3	11160.00	48.6 PK	74.0	-25.4	3.87 H	269	35.4	13.2
4	11160.00	36.1 AV	54.0	-17.9	3.87 H	269	22.9	13.2
5	#16740.00	57.4 PK	68.2	-10.8	1.21 H	161	41.5	15.9

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.

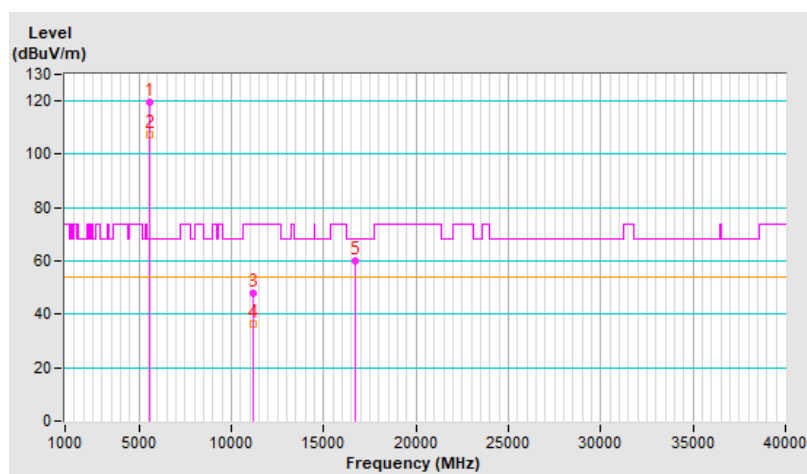


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	119.3 PK			3.46 V	38	116.6	2.7
2	*5580.00	107.4 AV			3.46 V	38	104.7	2.7
3	11160.00	48.1 PK	74.0	-25.9	1.16 V	71	34.9	13.2
4	11160.00	36.2 AV	54.0	-17.8	1.16 V	71	23.0	13.2
5	#16740.00	60.1 PK	68.2	-8.1	1.26 V	124	44.2	15.9

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.

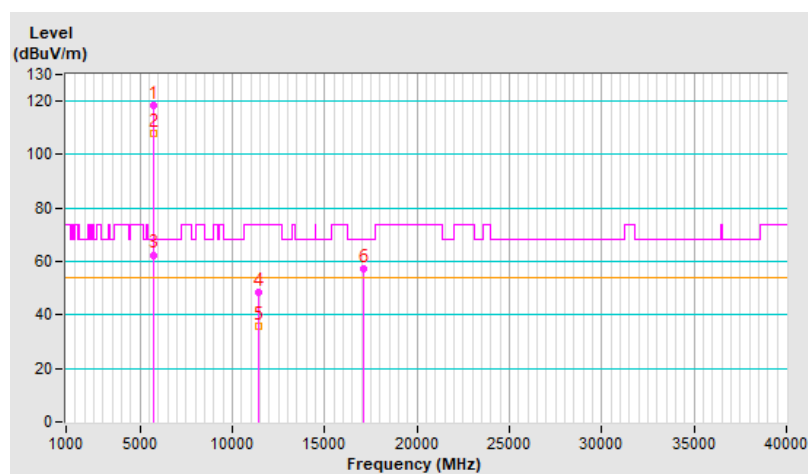


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	118.6 PK			1.08 H	161	115.7	2.9
2	*5700.00	107.9 AV			1.08 H	161	105.0	2.9
3	#5725.00	62.5 PK	68.2	-5.7	1.08 H	161	59.6	2.9
4	11400.00	48.3 PK	74.0	-25.7	3.93 H	281	35.0	13.3
5	11400.00	35.6 AV	54.0	-18.4	3.93 H	281	22.3	13.3
6	#17100.00	57.1 PK	68.2	-11.1	1.21 H	170	40.7	16.4

Remarks:

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

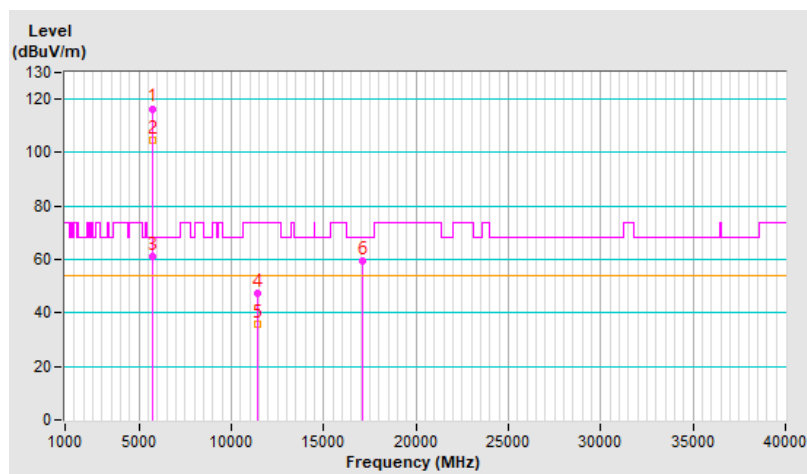


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	116.5 PK			3.54 V	42	113.6	2.9
2	*5700.00	104.6 AV			3.54 V	42	101.7	2.9
3	#5725.00	61.3 PK	68.2	-6.9	3.54 V	42	58.4	2.9
4	11400.00	47.6 PK	74.0	-26.4	1.16 V	75	34.3	13.3
5	11400.00	35.8 AV	54.0	-18.2	1.16 V	75	22.5	13.3
6	#17100.00	59.6 PK	68.2	-8.6	1.20 V	121	43.2	16.4

Remarks:

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

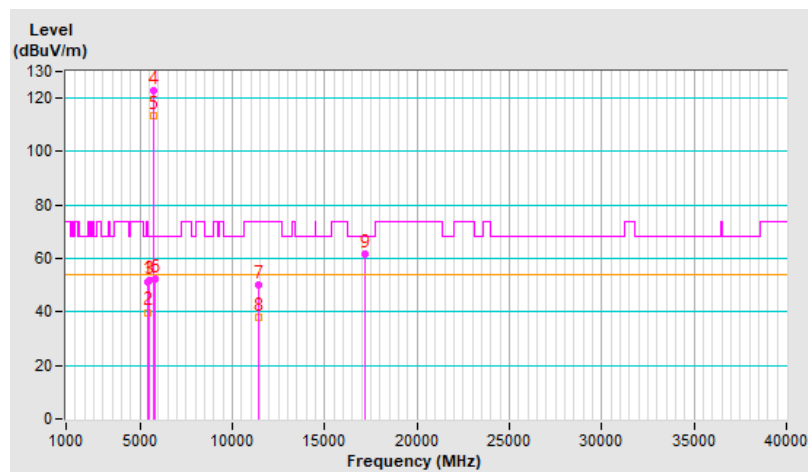


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	1.23 H	52	48.6	2.9
2	5460.00	39.9 AV	54.0	-14.1	1.23 H	52	37.0	2.9
3	#5470.00	51.7 PK	68.2	-16.5	1.23 H	52	48.8	2.9
4	*5720.00	122.8 PK			1.23 H	52	119.9	2.9
5	*5720.00	113.2 AV			1.23 H	52	110.3	2.9
6	#5850.00	52.4 PK	68.2	-15.8	1.23 H	52	49.1	3.3
7	11440.00	50.1 PK	74.0	-23.9	1.01 H	107	36.9	13.2
8	11440.00	38.1 AV	54.0	-15.9	1.01 H	107	24.9	13.2
9	#17160.00	61.5 PK	68.2	-6.7	1.03 H	90	44.7	16.8

Remarks:

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

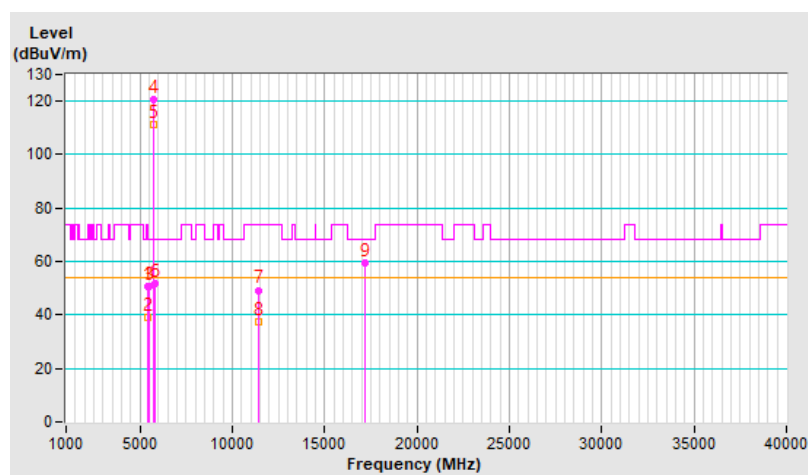


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	50.8 PK	74.0	-23.2	3.73 V	20	47.9	2.9
2	5460.00	39.3 AV	54.0	-14.7	3.73 V	20	36.4	2.9
3	#5470.00	50.9 PK	68.2	-17.3	3.73 V	20	48.0	2.9
4	*5720.00	120.5 PK			3.73 V	20	117.6	2.9
5	*5720.00	111.2 AV			3.73 V	20	108.3	2.9
6	#5850.00	51.9 PK	68.2	-16.3	3.73 V	20	48.6	3.3
7	11440.00	49.3 PK	74.0	-24.7	1.36 V	99	36.1	13.2
8	11440.00	37.5 AV	54.0	-16.5	1.36 V	99	24.3	13.2
9	#17160.00	59.4 PK	68.2	-8.8	1.14 V	130	42.6	16.8

Remarks:

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

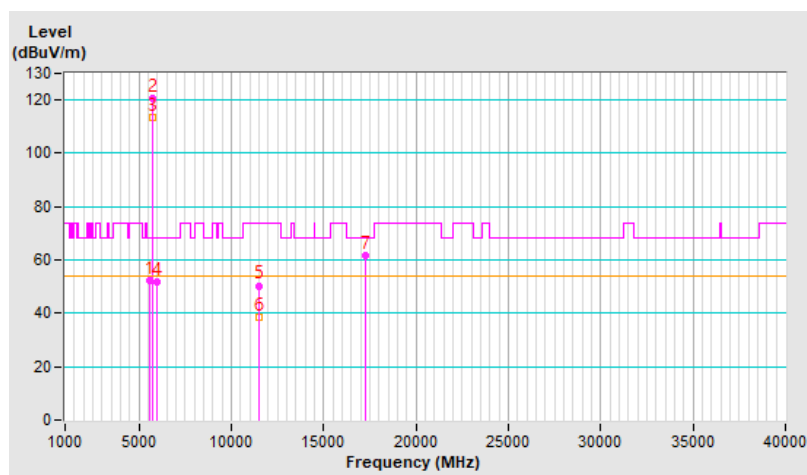


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5615.90	52.4 PK	68.2	-15.8	1.00 H	42	49.7	2.7
2	*5745.00	120.6 PK			1.00 H	42	117.6	3.0
3	*5745.00	113.2 AV			1.00 H	42	110.2	3.0
4	#5948.40	51.7 PK	68.2	-16.5	1.00 H	42	48.5	3.2
5	11490.00	50.4 PK	74.0	-23.6	1.09 H	113	37.4	13.0
6	11490.00	38.5 AV	54.0	-15.5	1.09 H	113	25.5	13.0
7	#17235.00	61.6 PK	68.2	-6.6	1.21 H	136	44.3	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.

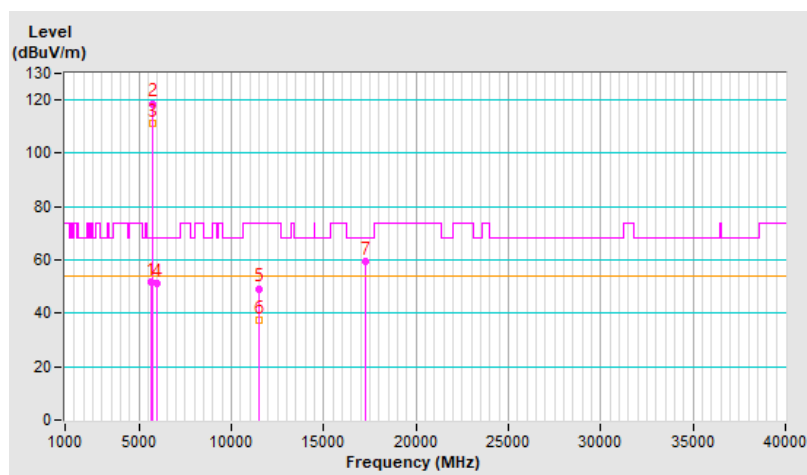


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5644.60	51.7 PK	68.2	-16.5	3.61 V	350	49.0	2.7
2	*5745.00	118.7 PK			3.61 V	350	115.7	3.0
3	*5745.00	111.2 AV			3.61 V	350	108.2	3.0
4	#5942.10	51.1 PK	68.2	-17.1	3.61 V	350	47.9	3.2
5	11490.00	49.3 PK	74.0	-24.7	1.05 V	174	36.3	13.0
6	11490.00	37.2 AV	54.0	-16.8	1.05 V	174	24.2	13.0
7	#17235.00	59.6 PK	68.2	-8.6	1.10 V	132	42.3	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.

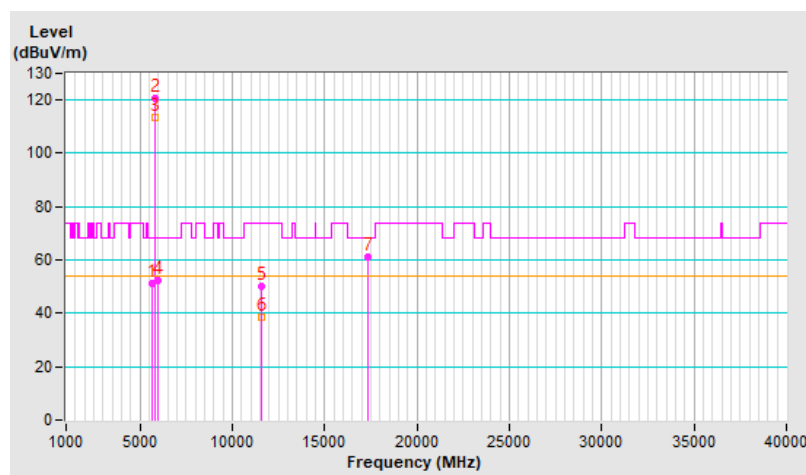


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5645.20	51.0 PK	68.2	-17.2	1.25 H	210	48.3	2.7
2	*5785.00	120.8 PK			1.25 H	210	117.6	3.2
3	*5785.00	113.4 AV			1.25 H	210	110.2	3.2
4	#5980.60	52.2 PK	68.2	-16.0	1.25 H	210	48.9	3.3
5	11570.00	50.3 PK	74.0	-23.7	1.04 H	98	37.1	13.2
6	11570.00	38.3 AV	54.0	-15.7	1.04 H	98	25.1	13.2
7	#17355.00	61.2 PK	68.2	-7.0	1.25 H	133	42.7	18.5

Remarks:

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

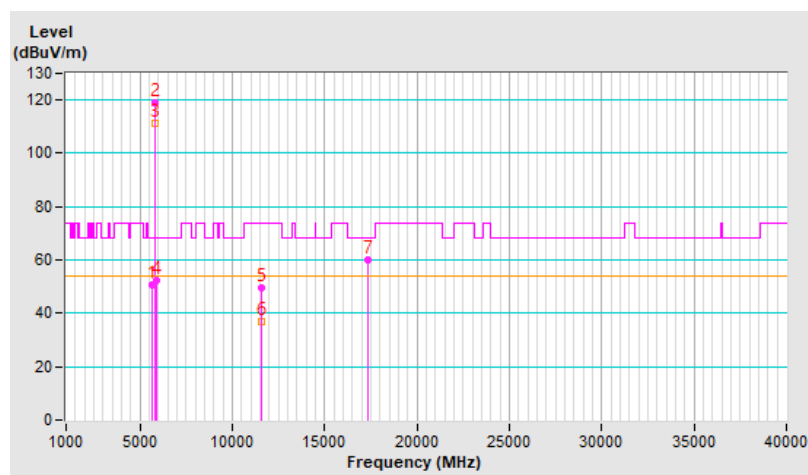


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Louis Yang		

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	#5632.30	50.9 PK	68.2	-17.3	4.00 V	281	48.2	2.7
2	*5785.00	119.2 PK			4.00 V	281	116.0	3.2
3	*5785.00	111.2 AV			4.00 V	281	108.0	3.2
4	#5928.80	52.1 PK	68.2	-16.1	4.00 V	281	48.9	3.2
5	11570.00	49.4 PK	74.0	-24.6	1.01 V	180	36.2	13.2
6	11570.00	37.0 AV	54.0	-17.0	1.01 V	180	23.8	13.2
7	#17355.00	60.1 PK	68.2	-8.1	1.15 V	126	41.6	18.5

Remarks:

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



RF Mode	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=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% 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	#5602.10	51.5 PK	68.2	-16.7	1.19 H	60	48.8	2.7
2	*5825.00	121.3 PK			1.19 H	60	118.0	3.3
3	*5825.00	113.2 AV			1.19 H	60	109.9	3.3
4	#5957.50	53.8 PK	68.2	-14.4	1.19 H	60	50.6	3.2
5	11650.00	50.1 PK	74.0	-23.9	1.13 H	118	37.0	13.1
6	11650.00	38.0 AV	54.0	-16.0	1.13 H	118	24.9	13.1
7	#17475.00	62.3 PK	68.2	-5.9	1.19 H	126	42.2	20.1

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.

