

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)

Report No.: RFBBUI-WTW-P23110204

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: 2023/12/28 ~ 2024/3/7

Issued Date: 2024/5/13

Applicant: HP Inc.

Address: 3390 East Harmony Road, Fort Collins, Colorado United States 80528

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

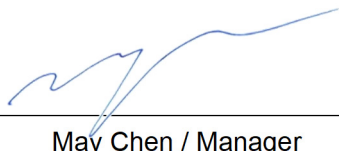
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FCC Registration / 723255 / TW2022

Designation Number:

Approved by:



May Chen / Manager

Date:

2024/5/13

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Prepared by : Vito Lung / 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	6
3 General Information	7
3.1 General Description.....	7
3.2 Antenna Description of EUT.....	8
3.3 Channel List.....	9
3.4 Test Mode Applicability and Tested Channel Detail.....	10
3.5 Duty Cycle of Test Signal.....	13
3.6 Test Program Used and Operation Descriptions.....	17
3.7 Connection Diagram of EUT and Peripheral Devices.....	17
3.8 Configuration of Peripheral Devices and Cable Connections	18
4 Test Instruments	19
4.1 RF Output Power.....	19
4.2 Power Spectral Density	19
4.3 6 dB Bandwidth	19
4.4 Conducted Out of Band Emissions	19
4.5 AC Power Conducted Emissions	19
4.6 Unwanted Emissions below 1 GHz	20
4.7 Unwanted Emissions above 1 GHz.....	21
5 Limits of Test Items.....	22
5.1 RF Output Power.....	22
5.2 Power Spectral Density	22
5.3 6 dB Bandwidth	22
5.4 Conducted Out of Band Emissions	22
5.5 AC Power Conducted Emissions	22
5.6 Unwanted Emissions below 1 GHz	22
5.7 Unwanted Emissions above 1 GHz.....	23
6 Test Arrangements.....	24
6.1 RF Output Power.....	24
6.1.1 Test Setup	24
6.1.2 Test Procedure.....	24
6.2 Power Spectral Density	24
6.2.1 Test Setup	24
6.2.2 Test Procedure.....	24
6.3 6 dB Bandwidth	25
6.3.1 Test Setup	25
6.3.2 Test Procedure.....	25
6.4 Conducted Out of Band Emissions	25
6.4.1 Test Setup	25
6.4.2 Test Procedure.....	25
6.5 AC Power Conducted Emissions	26
6.5.1 Test Setup	26
6.5.2 Test Procedure.....	26
6.6 Unwanted Emissions below 1 GHz	27
6.6.1 Test Setup	27
6.6.2 Test Procedure.....	28
6.7 Unwanted Emissions above 1 GHz.....	29
6.7.1 Test Setup	29
6.7.2 Test Procedure.....	29
7 Test Results of Test Item	30

7.1	RF Output Power.....	30
7.2	Power Spectral Density	35
7.3	6 dB Bandwidth	40
7.4	Conducted Out of Band Emissions	44
7.5	AC Power Conducted Emissions	62
7.6	Unwanted Emissions below 1 GHz	70
7.7	Unwanted Emissions above 1 GHz.....	78
8	Pictures of Test Arrangements	312
9	Information of the Testing Laboratories	313

Release Control Record

Issue No.	Description	Date Issued
RFBBUI-WTW-P23110204	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: 2023/12/28 ~ 2024/3/7

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)

Measurement ANSI C63.10-2013

procedure: KDB 558074 D01 15.247 Meas Guidance v05r02

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 C (Section 15.247)			
Standard / Clause	Test Item	Result	Remark
15.247(b)	RF Output Power	Pass	Meet the requirement of limit.
15.247(e)	Power Spectral Density	Pass	Meet the requirement of limit.
15.247(a)(2)	6 dB Bandwidth	Pass	Meet the requirement of limit.
15.247(d)	Conducted Out of Band Emissions	Pass	Meet the requirement of limit.
15.207	AC Power Conducted Emissions	Pass	Minimum passing margin is -10.18 dB at 0.58359 MHz
15.205 / 15.209 / 15.247(d)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -8.8 dB at 41.59 MHz
15.205 / 15.209 / 15.247(d)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -1.5 dB at 2390.00 MHz
15.203	Antenna Requirement	Pass	Antenna connector is I-PEX, I-PEX 1st not a standard connector.

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

2.1 Measurement Uncertainty

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

Parameter	Specification	Expanded Uncertainty (k=2) (±)
RF Output Power	-	1.1 dB
Power Spectral Density	-	1.3 dB
6 dB Bandwidth	-	1050.00 Hz
Conducted Out of Band Emissions	9 kHz ~ 40 GHz	2.6 dB
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

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	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in VHT mode 1024QAM for OFDMA in 11ax mode
Modulation Technology	DSSS, OFDM, OFDMA
Transfer Rate	802.11b: up to 11 Mbps 802.11g: up to 54 Mbps 802.11n: up to 150 Mbps VHT: up to 200 Mbps 802.11ax: up to 286.8 Mbps
Operating Frequency	2.4 GHz ~ 2.4835 GHz
Number of Channel	802.11b, 802.11g, 802.11n (HT20), VHT20, 802.11ax (HE20): 13 802.11n (HT40), VHT40, 802.11ax (HE40): 9
Resource Unit (RU)	Single RU: 26-tone, 52-tone, 106-tone, 242-tone, 484-tone
Output Power	897.429 mW (29.53 dBm)

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

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

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

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna No.	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:

2.4 GHz Band		
Modulation Mode	TX & RX Configuration	
802.11b	1Tx Diversity	2Rx
802.11g	1Tx Diversity	2Rx
802.11n (HT20)	1Tx Diversity	2Rx
802.11n (HT40)	1Tx Diversity	2Rx
VHT20	1Tx Diversity	2Rx
VHT40	1Tx Diversity	2Rx
802.11ax (HE20)	1Tx Diversity	2Rx
802.11ax (HE40)	1Tx Diversity	2Rx
802.11ax (RU26/52/106/242/484)	1Tx Diversity	2Rx

Note:

- The modulation and bandwidth are similar for 802.11n mode for 20 MHz (40 MHz), VHT mode for 20 MHz (40 MHz), 802.11ax mode for 20 MHz (40 MHz) therefore the manufacturer will control the power for 802.11n/VHT 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

13 channels are provided for 802.11b, 802.11g, 802.11n (HT20), VHT20, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency
1	2412 MHz	8	2447 MHz
2	2417 MHz	9	2452 MHz
3	2422 MHz	10	2457 MHz
4	2427 MHz	11	2462 MHz
5	2432 MHz	12	2467 MHz
6	2437 MHz	13	2472 MHz
7	2442 MHz		

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

Channel	Frequency	Channel	Frequency
3	2422 MHz	8	2447 MHz
4	2427 MHz	9	2452 MHz
5	2432 MHz	10	2457 MHz
6	2437 MHz	11	2462 MHz
7	2442 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
RF Output Power / Power Spectral Density	-	802.11b	1, 6, 11, 12, 13	DBPSK	1Mb/s	NA
		802.11g	1, 6, 11, 12, 13	BPSK	6Mb/s	NA
		VHT20	1, 6, 11, 12, 13	BPSK	MCS0	NA
		VHT40	3, 6, 9, 10, 11	BPSK	MCS0	NA
		802.11ax (HE20)	1, 6, 11, 12, 13	BPSK	MCS0	NA
		802.11ax (HE40)	3, 6, 9, 10, 11	BPSK	MCS0	NA
		802.11ax (HE20) 26-tone RU	1, 6, 11, 12, 13	BPSK	MCS0	0, 4, 8, 8, 8
		802.11ax (HE20) 52-tone RU	1, 6, 11, 12, 13	BPSK	MCS0	37, 38, 40, 40, 40
		802.11ax (HE20) 106-tone RU	1, 6, 11, 12, 13	BPSK	MCS0	53, 53, 54, 54, 54
6 dB Bandwidth / Conducted Out of Band Emissions	-	802.11b	1, 6, 11, 12, 13	DBPSK	1Mb/s	NA
		802.11g	1, 6, 11, 12, 13	BPSK	6Mb/s	NA
		VHT20	1, 6, 11, 12, 13	BPSK	MCS0	NA
		VHT40	3, 6, 9, 10, 11	BPSK	MCS0	NA
		802.11ax (HE20)	1, 6, 11, 12, 13	BPSK	MCS0	NA
		802.11ax (HE40)	3, 6, 9, 10, 11	BPSK	MCS0	NA
		802.11ax (HE20) 26-tone RU	1, 6, 11, 12, 13	BPSK	MCS0	0, 4, 8, 8, 8
		802.11ax (HE20) 52-tone RU	1, 6, 11, 12, 13	BPSK	MCS0	37, 38, 40, 40, 40
		802.11ax (HE20) 106-tone RU	1, 6, 11, 12, 13	BPSK	MCS0	53, 53, 54, 54, 54
AC Power Conducted Emissions	A, B, C, D	802.11g	6	BPSK	6Mb/s	NA
Unwanted Emissions below 1 GHz	A, B, C, D	802.11g	6	BPSK	6Mb/s	NA

Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter	RU index
Unwanted Emissions above 1 GHz	C, D	802.11b	1, 6, 11, 12, 13	DBPSK	1Mb/s	NA
		802.11g	1, 6, 11, 12, 13	BPSK	6Mb/s	NA
		VHT20	1, 6, 11, 12, 13	BPSK	MCS0	NA
		VHT40	3, 6, 9, 10, 11	BPSK	MCS0	NA
		802.11ax (HE20)	1, 6, 11, 12, 13	BPSK	MCS0	NA
		802.11ax (HE40)	3, 6, 9, 10, 11	BPSK	MCS0	NA
		802.11ax (HE20) 26-tone RU	1, 6, 11, 12, 13	BPSK	MCS0	0, 4, 8, 8, 8
		802.11ax (HE20) 52-tone RU	1, 6, 11, 12, 13	BPSK	MCS0	37, 38, 40, 40, 40
		802.11ax (HE20) 106-tone RU	1, 6, 11, 12, 13	BPSK	MCS0	53, 53, 54, 54, 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

802.11b: Duty cycle = 8.098 ms / 8.103 ms x 100% = 99.9%

802.11g: Duty cycle = 1.361 ms / 1.368 ms x 100% = 99.5%

VHT20: Duty cycle = 1.276 ms / 1.283 ms x 100% = 99.5%

VHT40: Duty cycle = 0.636 ms / 0.643 ms x 100% = 98.9%

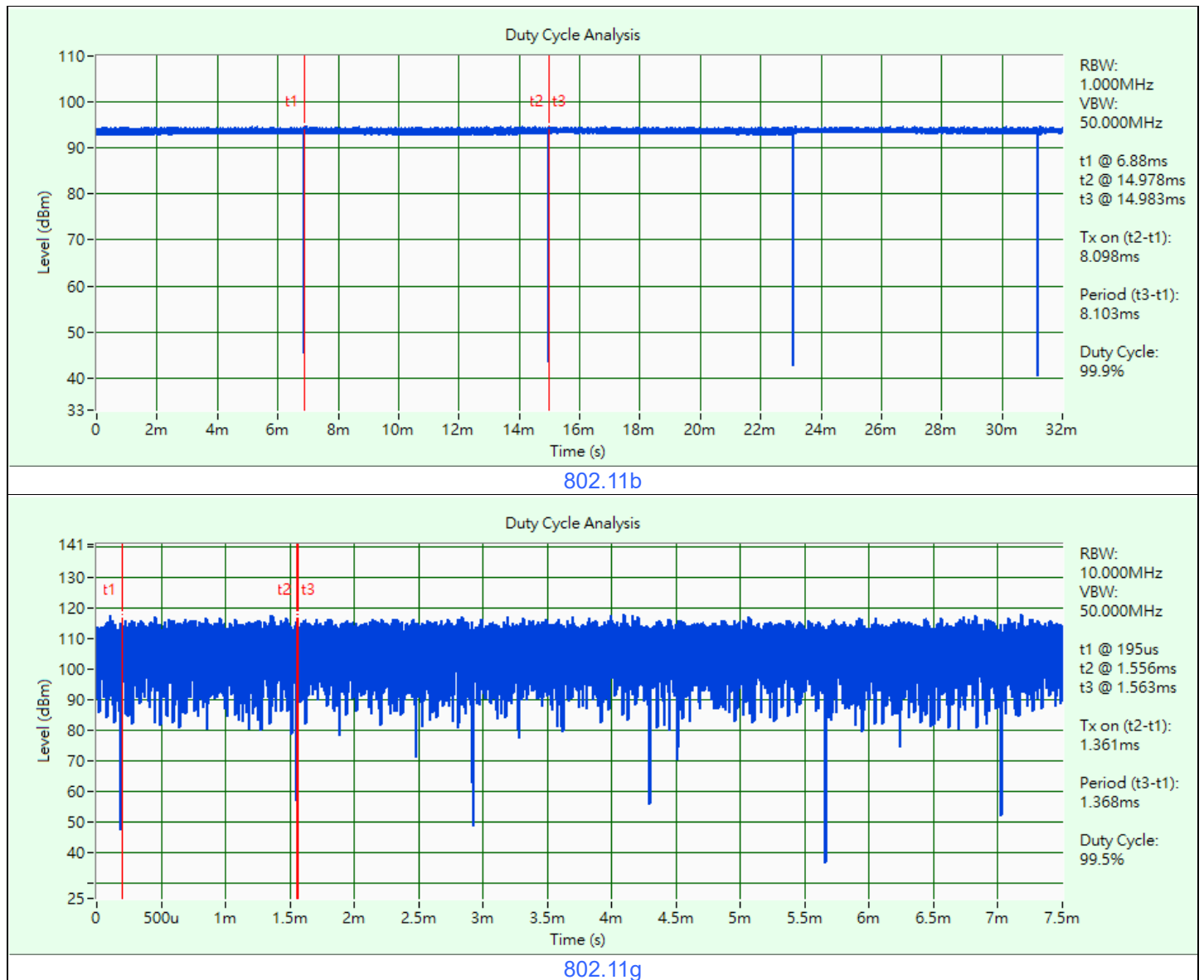
802.11ax (HE20): Duty cycle = 0.987 ms / 0.994 ms x 100% = 99.3%

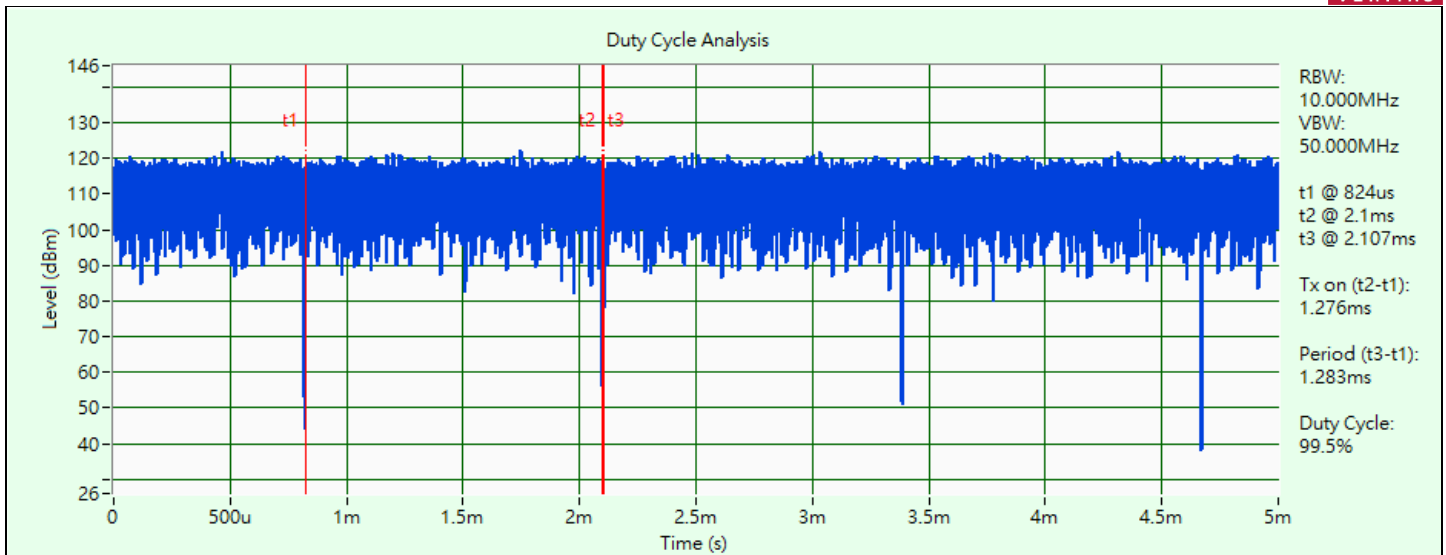
802.11ax (HE40): Duty cycle = 0.521 ms / 0.528 ms x 100% = 98.7%

802.11ax (HE20) 26-tone RU: Duty cycle = 9.152 ms / 9.169 ms x 100% = 99.8%

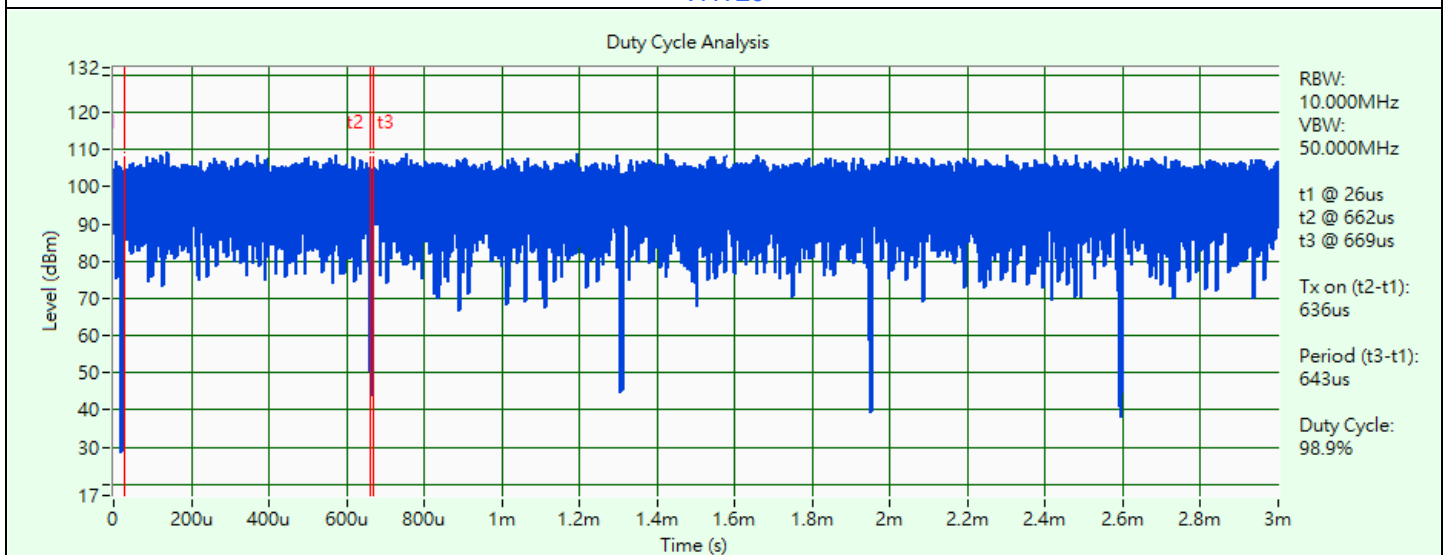
802.11ax (HE20) 52-tone RU: Duty cycle = 4.602 ms / 4.609 ms x 100% = 99.8%

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

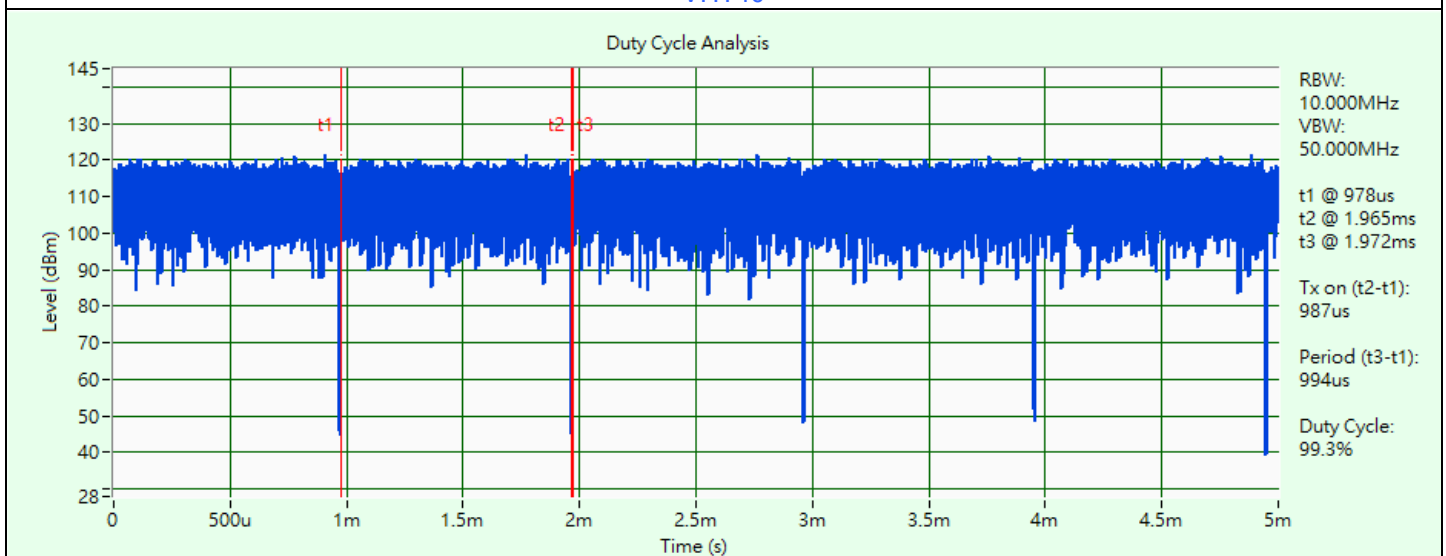




VHT20

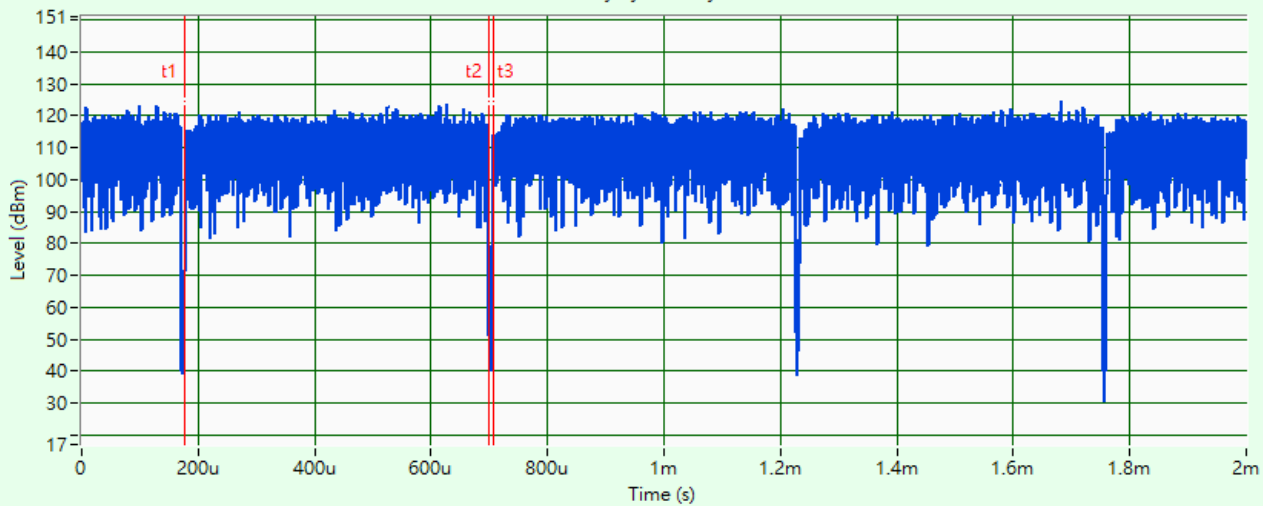


VHT40



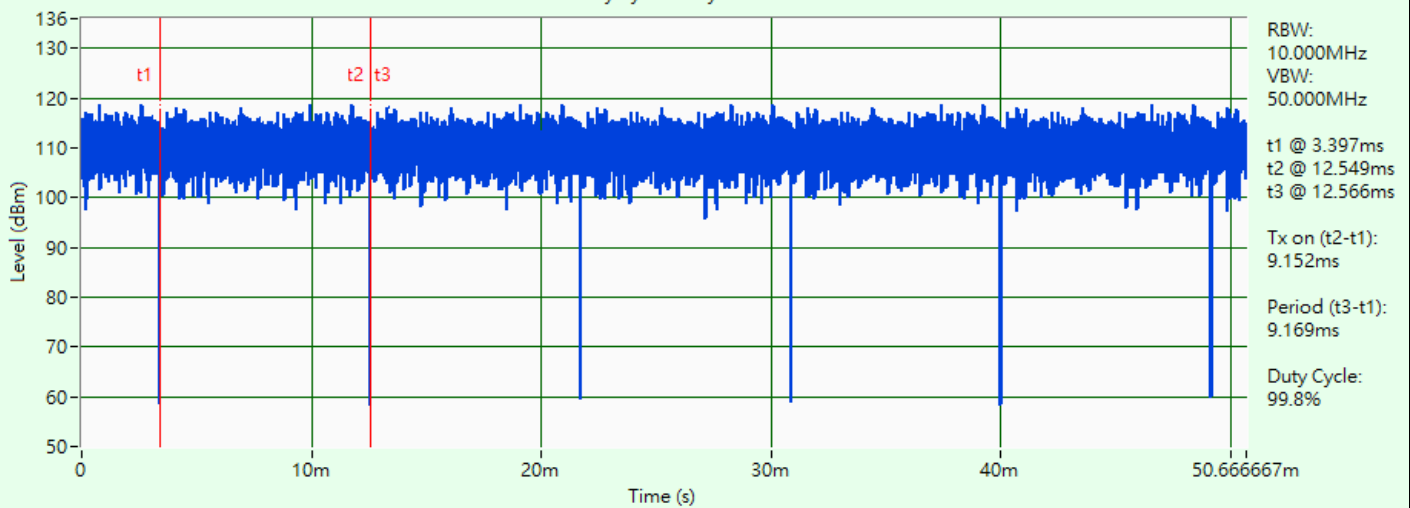
802.11ax (HE20)

Duty Cycle Analysis



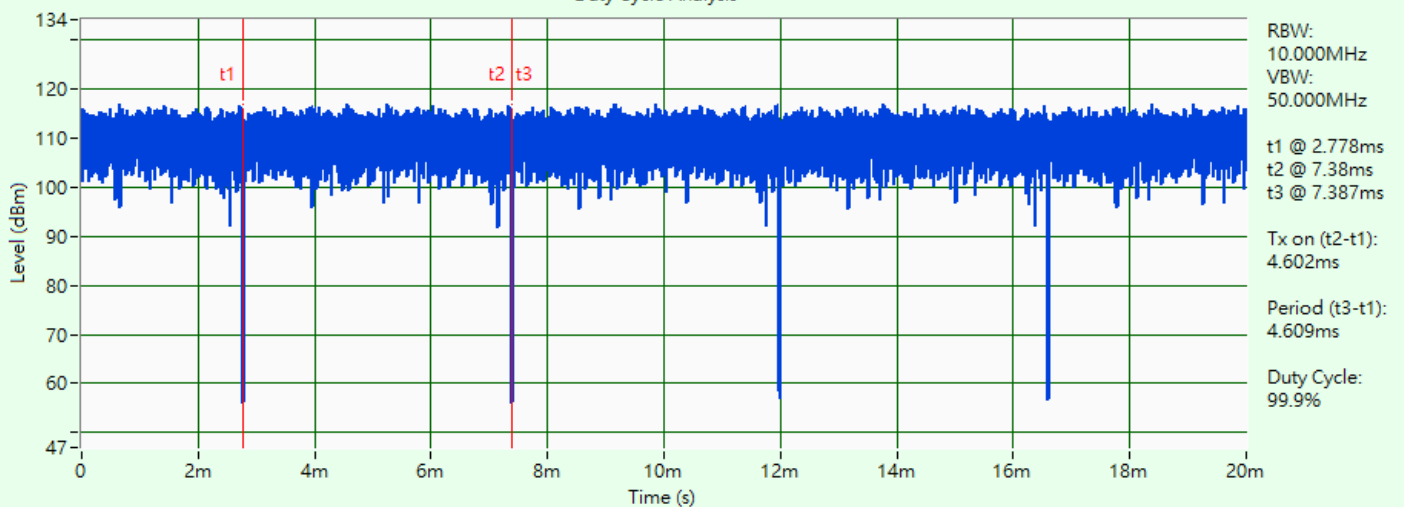
802.11ax (HE40)

Duty Cycle Analysis

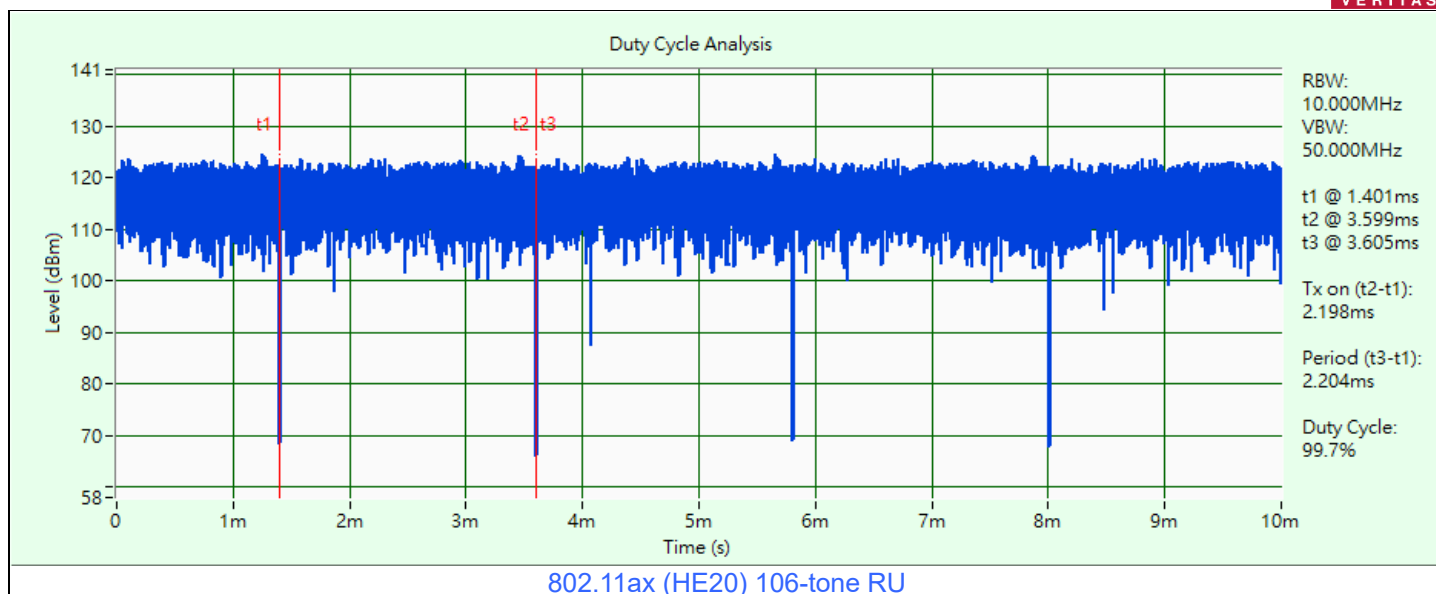


802.11ax (HE20) 26-tone RU

Duty Cycle Analysis



802.11ax (HE20) 52-tone RU

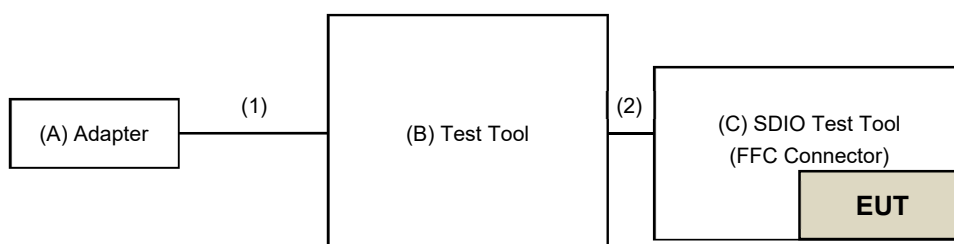


3.6 Test Program Used and Operation Descriptions

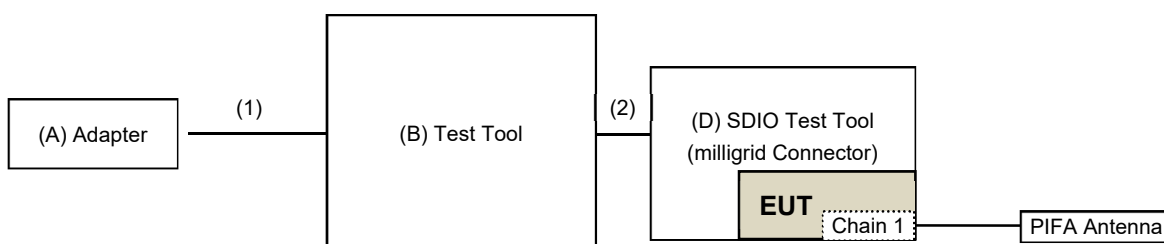
Controlling software (HyperTerminal paste WI-FI command.txt command) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices

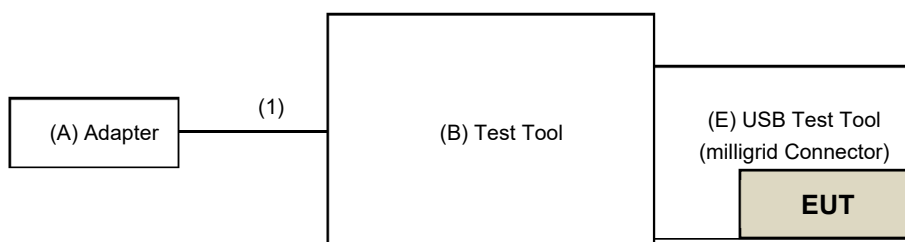
AC Power Conducted Emissions / Unwanted Emissions below 1 GHz Mode A (P/N: 0960-5937)



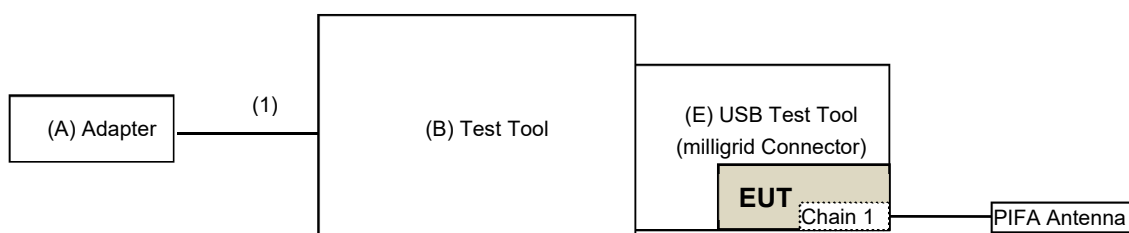
Mode B (P/N: 0960-5936)



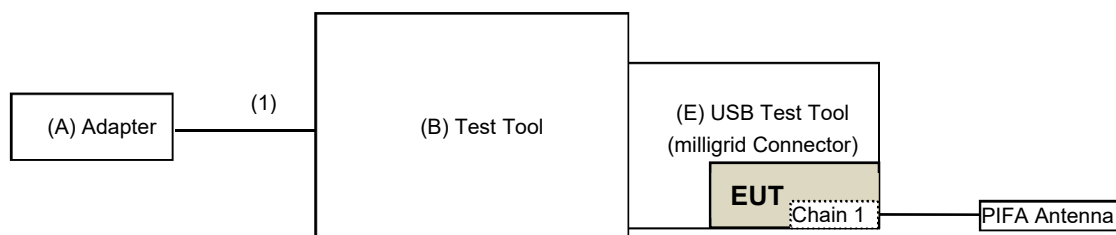
Mode C (P/N: 0960-5939)



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 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Pulse Power Sensor Anritsu	MA2411B	1726434	2023/6/19	2024/6/18
RF Power Meter Anritsu	ML2495A	1529002	2023/6/17	2024/6/16

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2024/3/7

4.2 Power Spectral Density

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: 2024/3/7

4.3 6 dB Bandwidth

Refer to section 4.2 to get information of the instruments.

4.4 Conducted Out of Band Emissions

Refer to section 4.2 to get information of the instruments.

4.5 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

4.6 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

4.7 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	2022/11/13 2023/11/12	2023/11/12 2024/11/11
PXA Signal Analyzer Keysight	N9030B	MY57141948	2023/5/19	2024/5/18
Preamplifier EMCI	EMC12630SE	980509	2023/4/7 2024/1/29	2024/4/6 2025/1/28
	EMC184045SE	980387	2023/8/9	2024/8/8
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 2024/1/29	2024/8/8 2025/1/28
	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: 2023/12/28 ~ 2024/3/7

5 Limits of Test Items

5.1 RF Output Power

For systems using digital modulation in the 2400–2483.5 MHz bands: 1 Watt (30 dBm)

5.2 Power Spectral Density

The Maximum of Power Spectral Density Measurement is 8 dBm in any 3 kHz.

5.3 6 dB Bandwidth

The minimum of 6 dB Bandwidth Measurement is 0.5 MHz.

5.4 Conducted Out of Band Emissions

Below 20 dB of the highest emission level of operating band (in 100 kHz Resolution Bandwidth).

5.5 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.

5.6 Unwanted Emissions below 1 GHz

Radiated emissions up to 1 GHz which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20 dB below the highest level of the desired power:

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).

5.7 Unwanted Emissions above 1 GHz

Radiated emissions above 1 GHz which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20 dB below the highest level of the desired power:

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

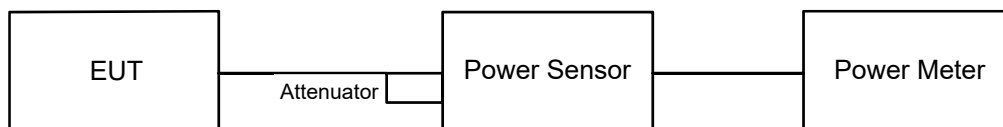
Notes:

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.

6 Test Arrangements

6.1 RF Output Power

6.1.1 Test Setup



6.1.2 Test Procedure

Peak Power:

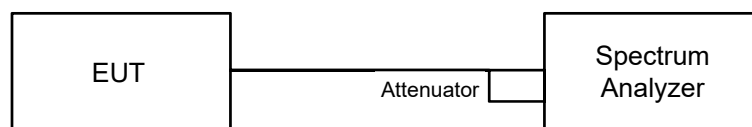
A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor. Record the power level.

Average Power:

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

6.2 Power Spectral Density

6.2.1 Test Setup

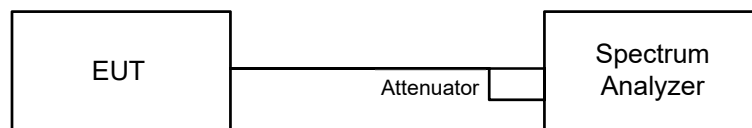


6.2.2 Test Procedure

- Set analyzer center frequency to DTS channel center frequency.
- Set the span to 1.5 times the DTS bandwidth.
- Set the RBW to: 3 kHz.
- Set the VBW $\geq 3 \times$ RBW.
- Detector = peak.
- Sweep time = auto couple.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level within the RBW.

6.3 6 dB Bandwidth

6.3.1 Test Setup

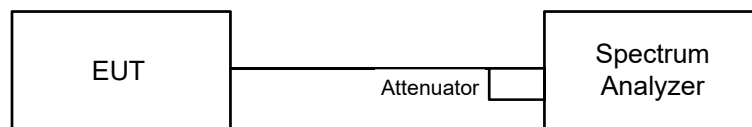


6.3.2 Test Procedure

- Set resolution bandwidth (RBW) = 100 kHz.
- Set the video bandwidth (VBW) $\geq 3 \times$ 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.

6.4 Conducted Out of Band Emissions

6.4.1 Test Setup



6.4.2 Test Procedure

MEASUREMENT PROCEDURE REF

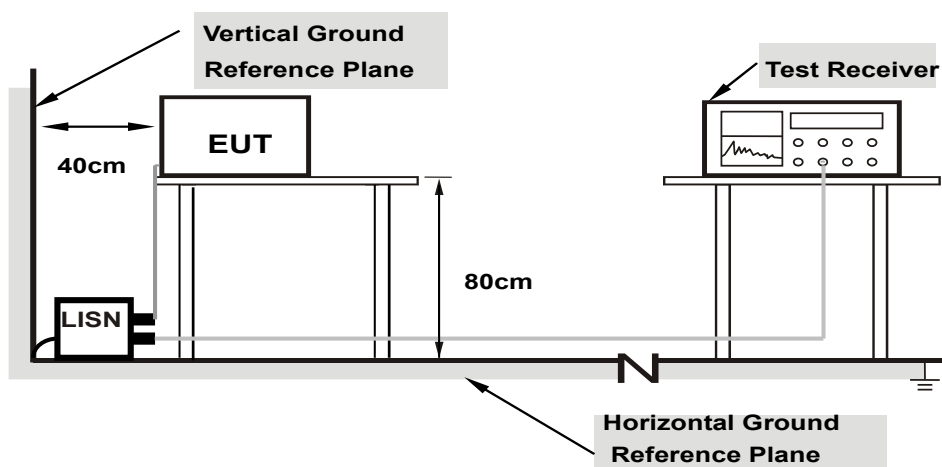
- Set the RBW = 100 kHz.
- Set the VBW ≥ 300 kHz.
- Detector = peak.
- Sweep time = auto couple.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

MEASUREMENT PROCEDURE OOB

- Set RBW = 100 kHz.
- Set VBW ≥ 300 kHz.
- Detector = peak.
- Sweep = auto couple.
- Trace Mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level.

6.5 AC Power Conducted Emissions

6.5.1 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).

6.5.2 Test Procedure

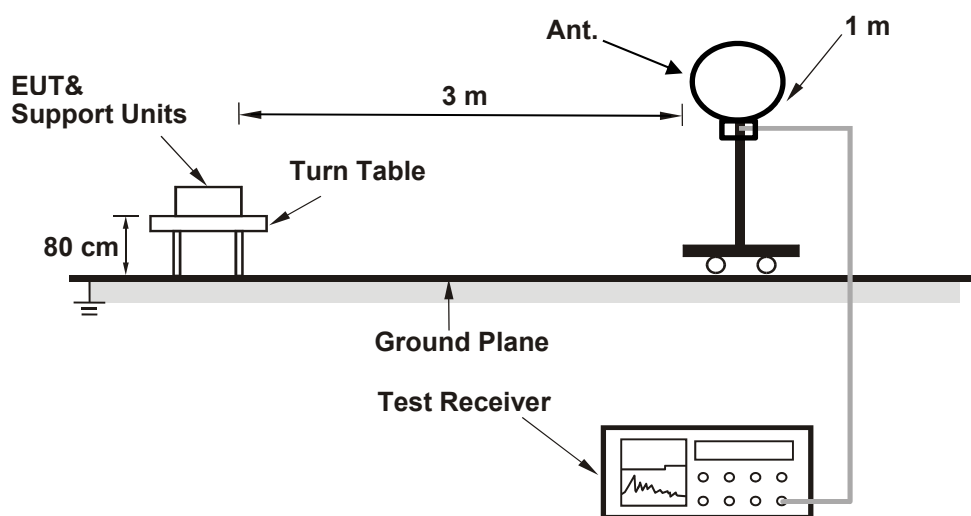
- The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The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

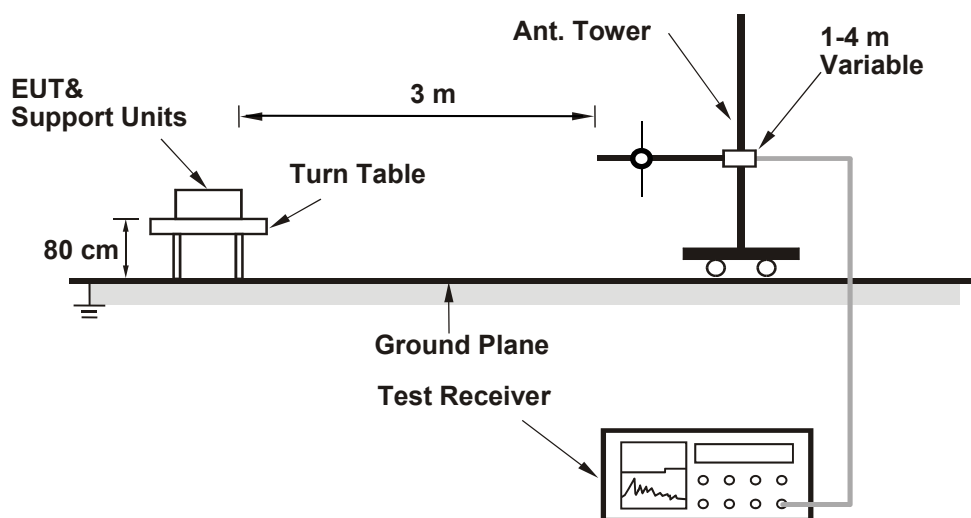
6.6 Unwanted Emissions below 1 GHz

6.6.1 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).

6.6.2 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

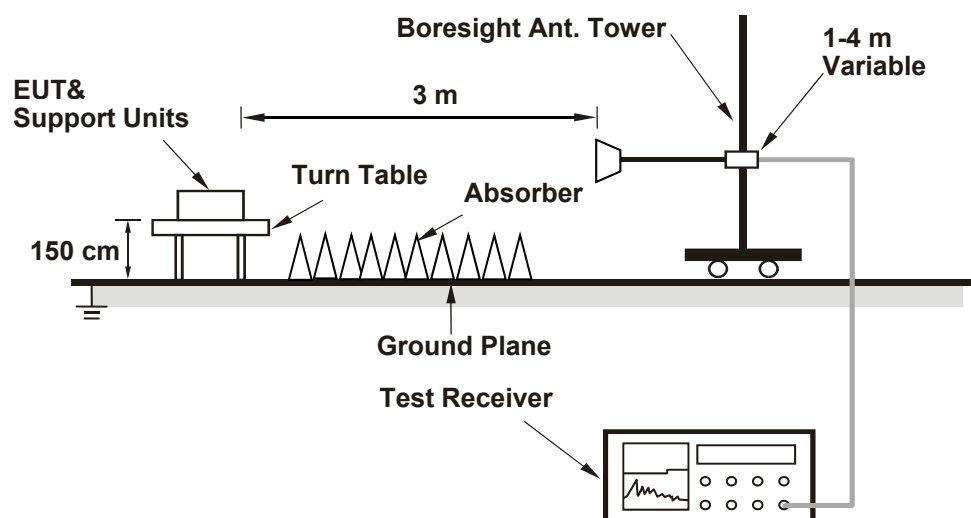
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the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

6.7 Unwanted Emissions above 1 GHz

6.7.1 Test Setup



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

6.7.2 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 RF Output Power

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

802.11b

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	222.331	23.47	30	Pass
6	2437	209.894	23.22	30	Pass
11	2462	214.289	23.31	30	Pass
12	2467	43.451	16.38	30	Pass
13	2472	27.669	14.42	30	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11g

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	516.416	27.13	30	Pass
6	2437	769.13	28.86	30	Pass
11	2462	511.682	27.09	30	Pass
12	2467	302.691	24.81	30	Pass
13	2472	216.77	23.36	30	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the output power limit shall not be reduced.

VHT20

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	530.884	27.25	30	Pass
6	2437	816.582	29.12	30	Pass
11	2462	470.977	26.73	30	Pass
12	2467	339.625	25.31	30	Pass
13	2472	216.77	23.36	30	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the output power limit shall not be reduced.

VHT40

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
3	2422	422.669	26.26	30	Pass
6	2437	426.58	26.30	30	Pass
9	2452	267.301	24.27	30	Pass
10	2457	281.838	24.50	30	Pass
11	2462	222.331	23.47	30	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	548.277	27.39	30	Pass
6	2437	839.46	29.24	30	Pass
11	2462	493.174	26.93	30	Pass
12	2467	328.095	25.16	30	Pass
13	2472	225.944	23.54	30	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
3	2422	439.542	26.43	30	Pass
6	2437	444.631	26.48	30	Pass
9	2452	277.332	24.43	30	Pass
10	2457	290.402	24.63	30	Pass
11	2462	232.274	23.66	30	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	292.415	24.66	30	Pass
6	2437	893.305	29.51	30	Pass
11	2462	264.85	24.23	30	Pass
12	2467	170.216	22.31	30	Pass
13	2472	27.227	14.35	30	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	528.445	27.23	30	Pass
6	2437	897.429	29.53	30	Pass
11	2462	408.319	26.11	30	Pass
12	2467	162.181	22.10	30	Pass
13	2472	40.738	16.10	30	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20) 106-tone RU

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	709.578	28.51	30	Pass
6	2437	883.08	29.46	30	Pass
11	2462	677.642	28.31	30	Pass
12	2467	224.388	23.51	30	Pass
13	2472	72.444	18.60	30	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the output power limit shall not be reduced.

For Average Power

802.11b

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	133.66	21.26
6	2437	132.13	21.21
11	2462	133.444	21.25
12	2467	28.379	14.53
13	2472	17.022	12.31

802.11g

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	83.368	19.21
6	2437	135.207	21.31
11	2462	81.846	19.13
12	2467	51.404	17.11
13	2472	36.392	15.61

VHT20

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	80.353	19.05
6	2437	133.968	21.27
11	2462	71.285	18.53
12	2467	51.88	17.15
13	2472	35.81	15.54

VHT40

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
3	2422	66.374	18.22
6	2437	66.527	18.23
9	2452	48.084	16.82
10	2457	47.973	16.81
11	2462	33.113	15.20

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	82.414	19.16
6	2437	134.586	21.29
11	2462	73.961	18.69
12	2467	52.845	17.23
13	2472	37.068	15.69

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
3	2422	69.343	18.41
6	2437	68.549	18.36
9	2452	49.545	16.95
10	2457	49.888	16.98
11	2462	34.435	15.37

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	50.234	17.01
6	2437	132.739	21.23
11	2462	41.783	16.21
12	2467	26.485	14.23
13	2472	4.198	6.23

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	81.658	19.12
6	2437	129.718	21.13
11	2462	63.533	18.03
12	2467	25.235	14.02
13	2472	6.324	8.01

802.11ax (HE20) 106-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	108.643	20.36
6	2437	129.42	21.12
11	2462	104.954	20.21
12	2467	38.107	15.81
13	2472	12.331	10.91

7.2 Power Spectral Density

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Kevin Ko
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802.11b

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
1	2412	-2.39	8	Pass
6	2437	-2.46	8	Pass
11	2462	-2.20	8	Pass
12	2467	-9.37	8	Pass
13	2472	-12.05	8	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11g

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
1	2412	-5.37	8	Pass
6	2437	-3.57	8	Pass
11	2462	-5.31	8	Pass
12	2467	-7.32	8	Pass
13	2472	-9.58	8	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the power density limit shall not be reduced.

VHT20

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
1	2412	-6.01	8	Pass
6	2437	-3.96	8	Pass
11	2462	-6.53	8	Pass
12	2467	-8.17	8	Pass
13	2472	-9.77	8	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the power density limit shall not be reduced.

VHT40

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
3	2422	-7.36	8	Pass
6	2437	-7.46	8	Pass
9	2452	-8.88	8	Pass
10	2457	-8.79	8	Pass
11	2462	-10.45	8	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
1	2412	-5.16	8	Pass
6	2437	-3.21	8	Pass
11	2462	-5.70	8	Pass
12	2467	-7.40	8	Pass
13	2472	-8.94	8	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
3	2422	-9.42	8	Pass
6	2437	-9.40	8	Pass
9	2452	-10.87	8	Pass
10	2457	-10.94	8	Pass
11	2462	-12.47	8	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
1	2412	0.17	8	Pass
6	2437	4.35	8	Pass
11	2462	0.19	8	Pass
12	2467	-2.09	8	Pass
13	2472	-10.56	8	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
1	2412	0.39	8	Pass
6	2437	2.42	8	Pass
11	2462	-0.56	8	Pass
12	2467	-4.83	8	Pass
13	2472	-10.97	8	Pass

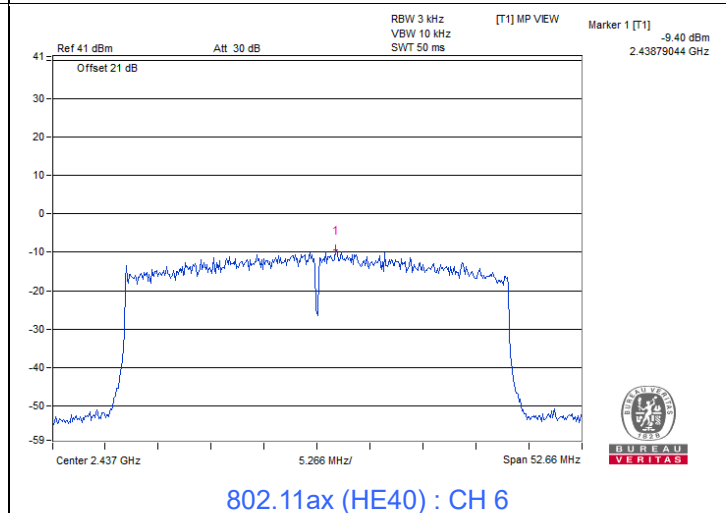
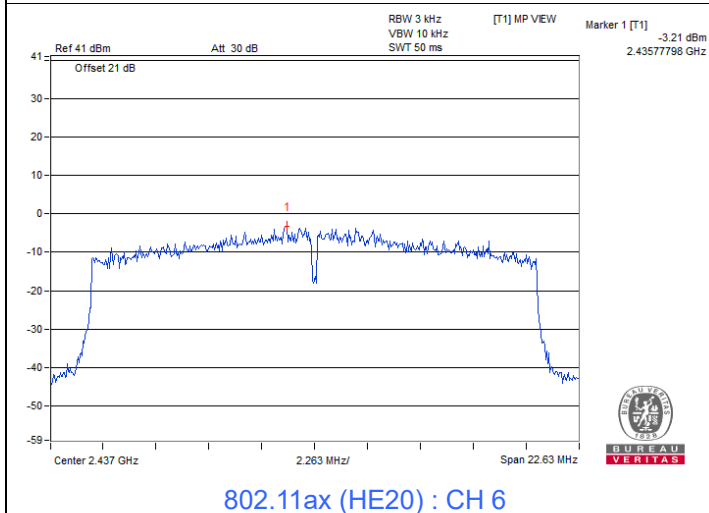
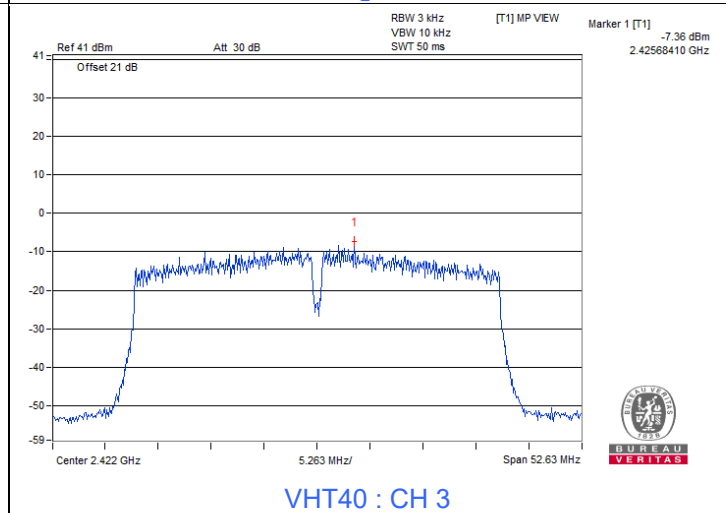
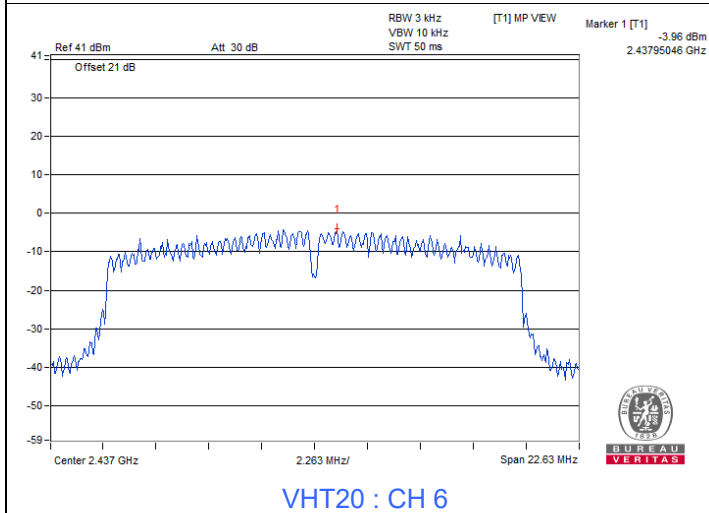
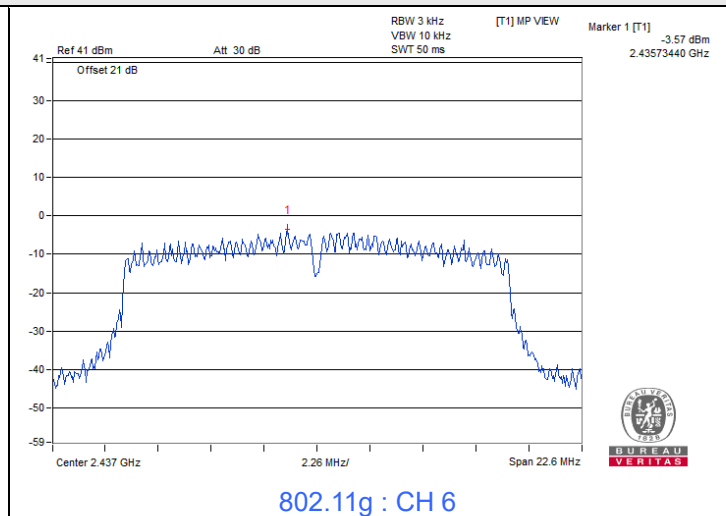
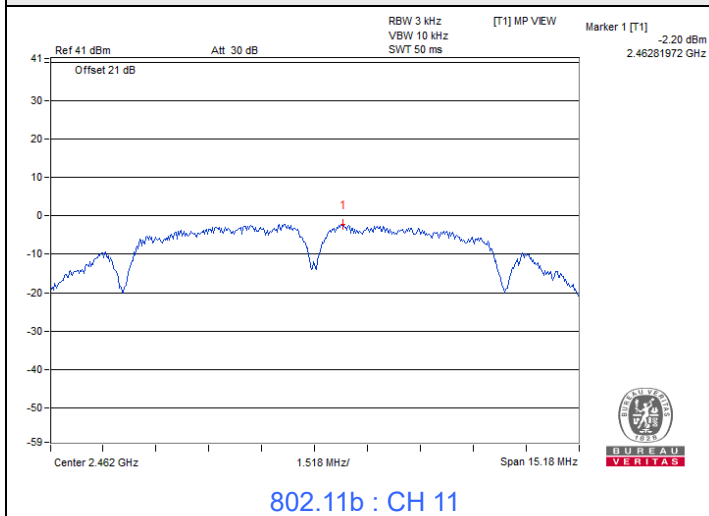
Note: The antenna gain is 3.5 dBi < 6 dBi, so the power density limit shall not be reduced.

802.11ax (HE20) 106-tone RU

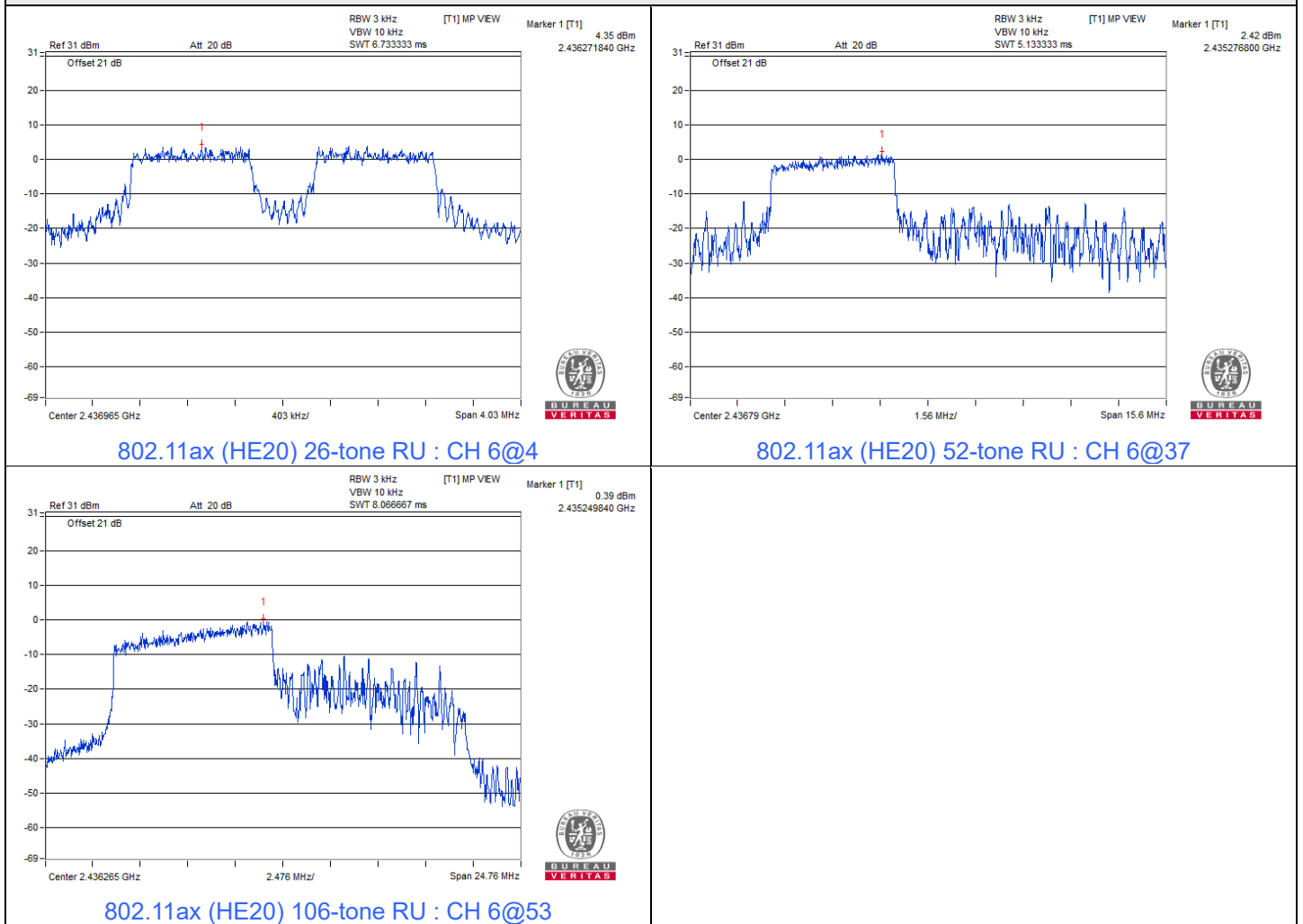
Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
1	2412	-0.62	8	Pass
6	2437	0.39	8	Pass
11	2462	0.39	8	Pass
12	2467	-3.90	8	Pass
13	2472	-8.96	8	Pass

Note: The antenna gain is 3.5 dBi < 6 dBi, so the power density limit shall not be reduced.

Spectrum Plot of Maximum Value



Spectrum Plot of Maximum Value



7.3 6 dB Bandwidth

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Kevin Ko
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802.11b

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
1	2412	10.12	0.5	Pass
6	2437	10.12	0.5	Pass
11	2462	10.12	0.5	Pass
12	2467	10.12	0.5	Pass
13	2472	10.11	0.5	Pass

802.11g

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
1	2412	15.08	0.5	Pass
6	2437	15.07	0.5	Pass
11	2462	15.08	0.5	Pass
12	2467	15.08	0.5	Pass
13	2472	15.08	0.5	Pass

VHT20

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
1	2412	15.09	0.5	Pass
6	2437	15.09	0.5	Pass
11	2462	15.08	0.5	Pass
12	2467	15.09	0.5	Pass
13	2472	15.08	0.5	Pass

VHT40

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
3	2422	35.09	0.5	Pass
6	2437	35.12	0.5	Pass
9	2452	35.06	0.5	Pass
10	2457	35.03	0.5	Pass
11	2462	35.06	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
1	2412	15.09	0.5	Pass
6	2437	15.09	0.5	Pass
11	2462	15.09	0.5	Pass
12	2467	15.08	0.5	Pass
13	2472	15.09	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
3	2422	35.06	0.5	Pass
6	2437	35.11	0.5	Pass
9	2452	35.05	0.5	Pass
10	2457	35.07	0.5	Pass
11	2462	35.07	0.5	Pass

802.11ax (HE20) 26-tone RU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
1	2412	14.5	0.5	Pass
6	2437	2.69	0.5	Pass
11	2462	15.77	0.5	Pass
12	2467	15.75	0.5	Pass
13	2472	15.76	0.5	Pass

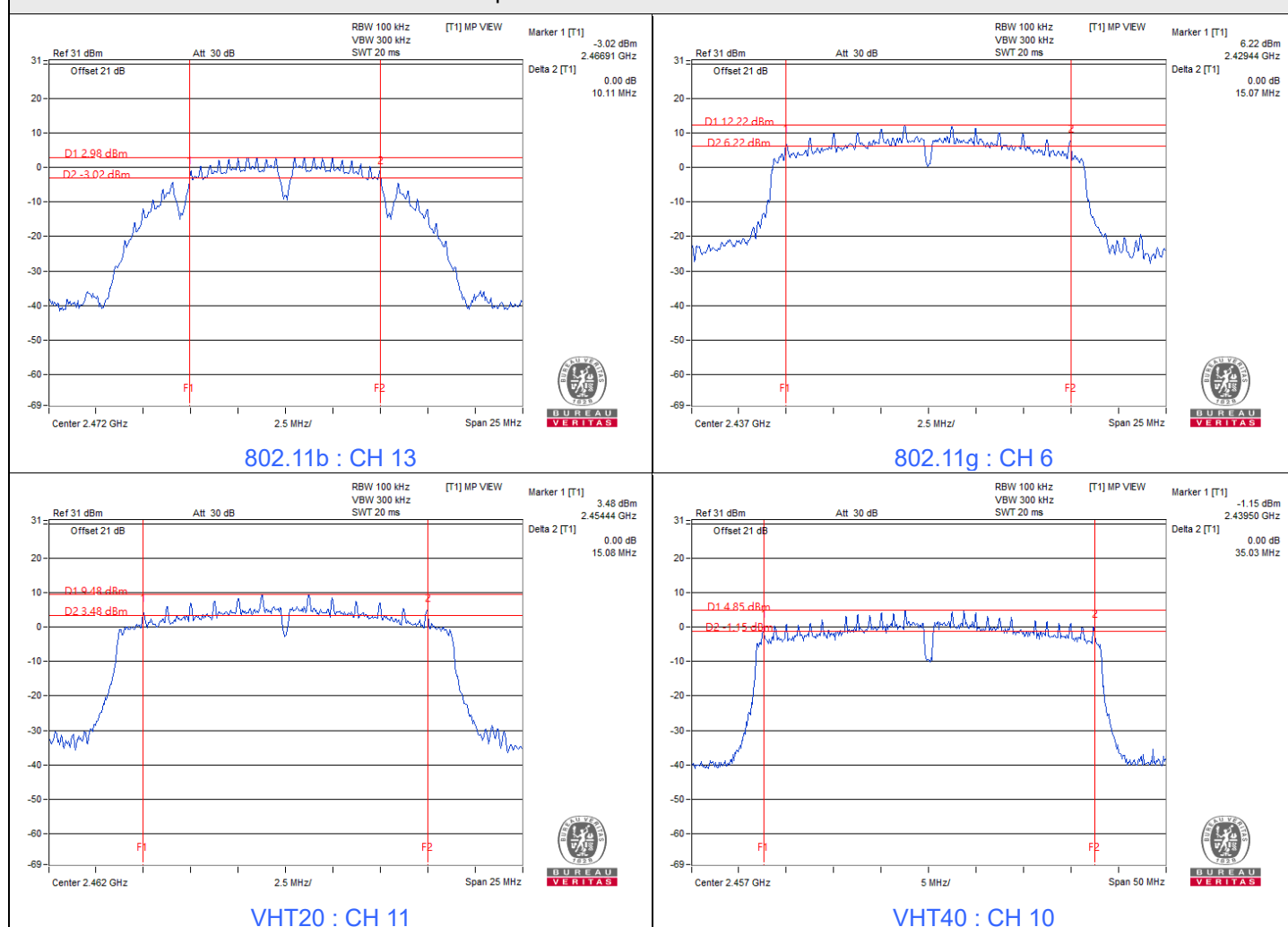
802.11ax (HE20) 52-tone RU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
1	2412	16.91	0.5	Pass
6	2437	10.4	0.5	Pass
11	2462	16.94	0.5	Pass
12	2467	16.94	0.5	Pass
13	2472	15.76	0.5	Pass

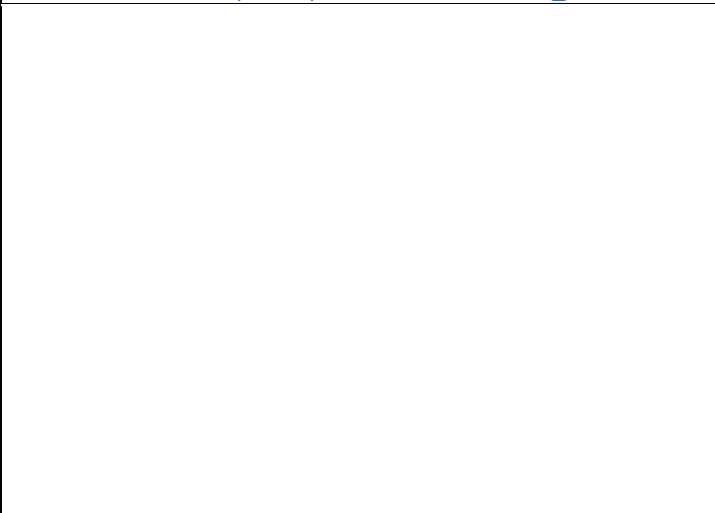
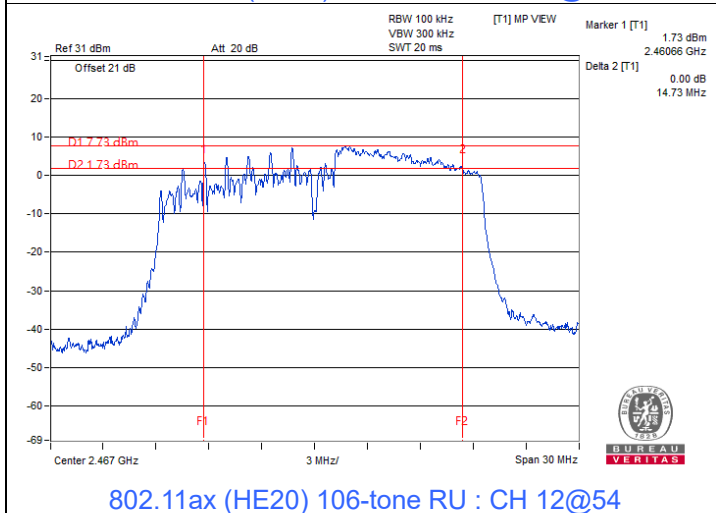
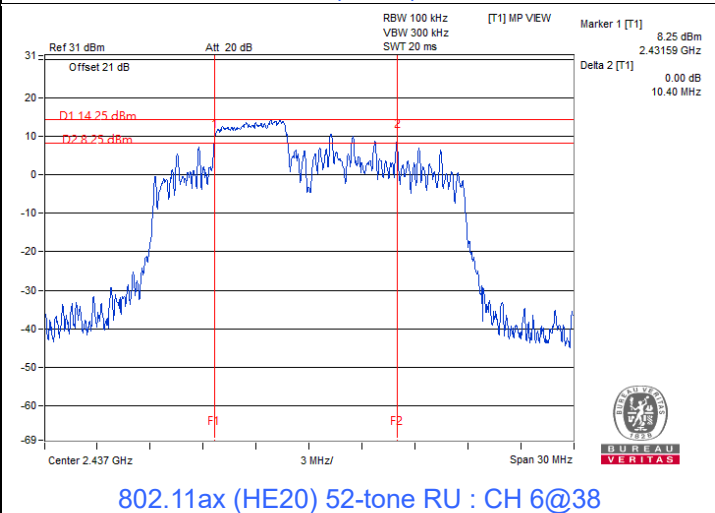
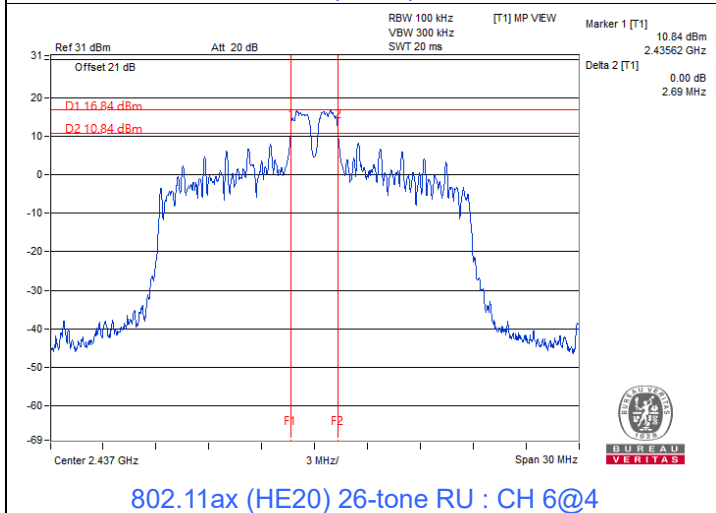
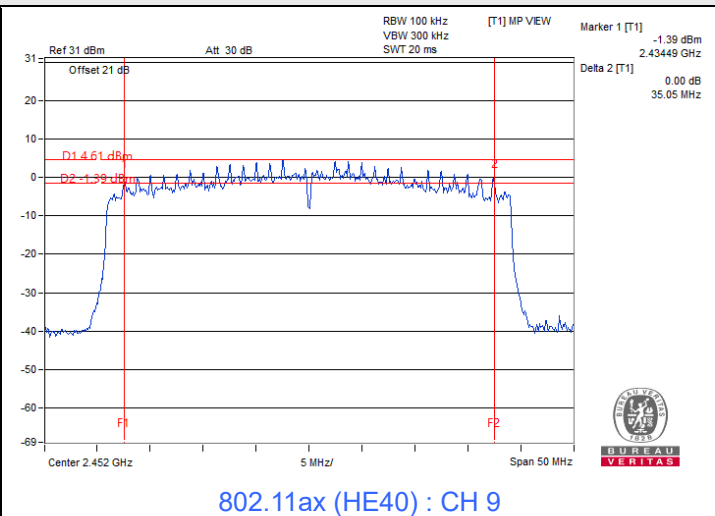
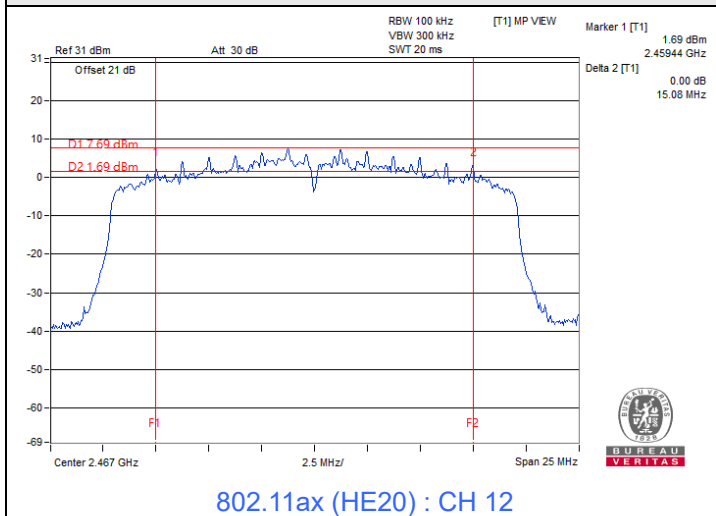
802.11ax (HE20) 106-tone RU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
1	2412	16.51	0.5	Pass
6	2437	16.51	0.5	Pass
11	2462	14.76	0.5	Pass
12	2467	14.73	0.5	Pass
13	2472	14.74	0.5	Pass

Spectrum Plot of Minimum Value



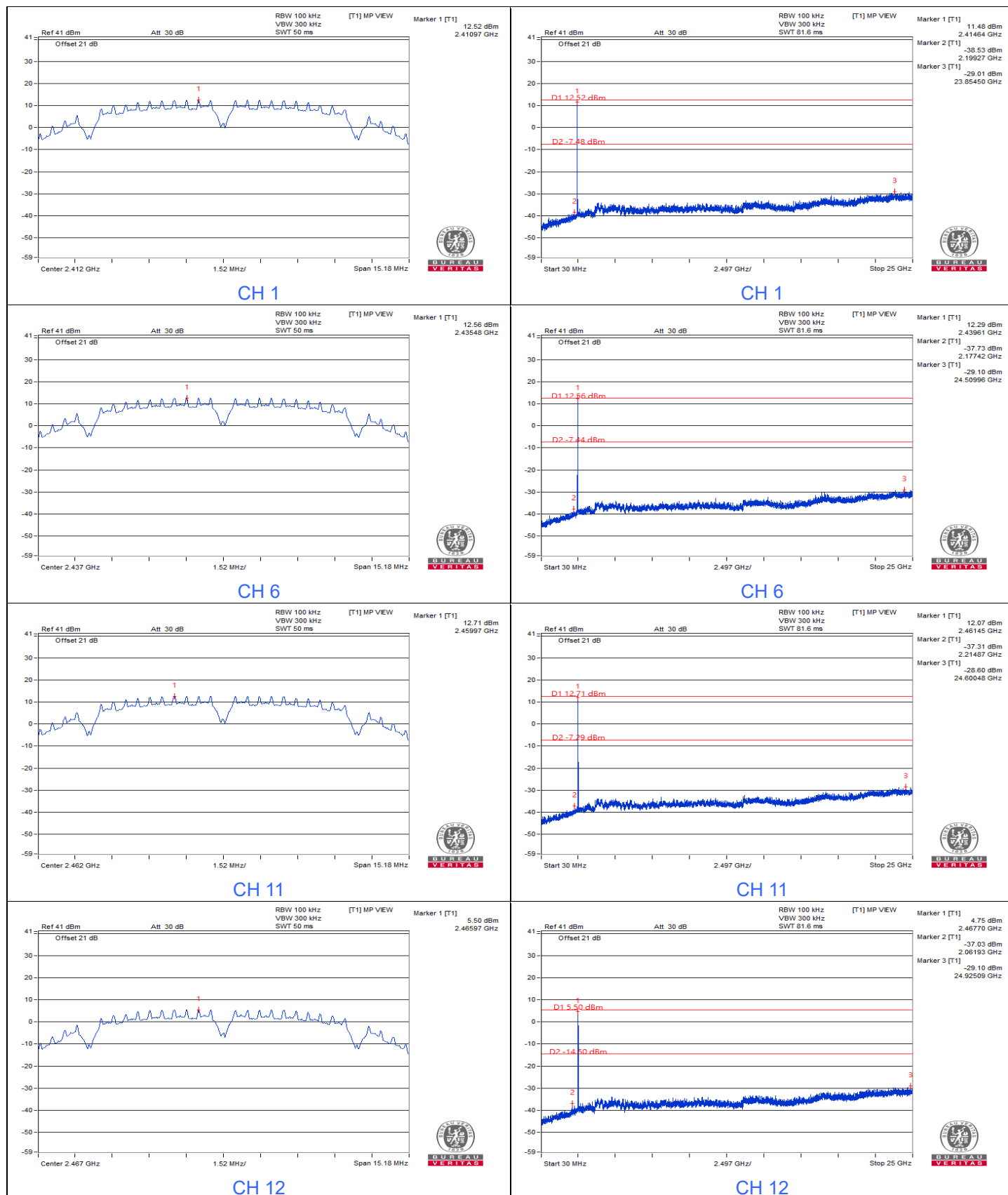
Spectrum Plot of Minimum Value

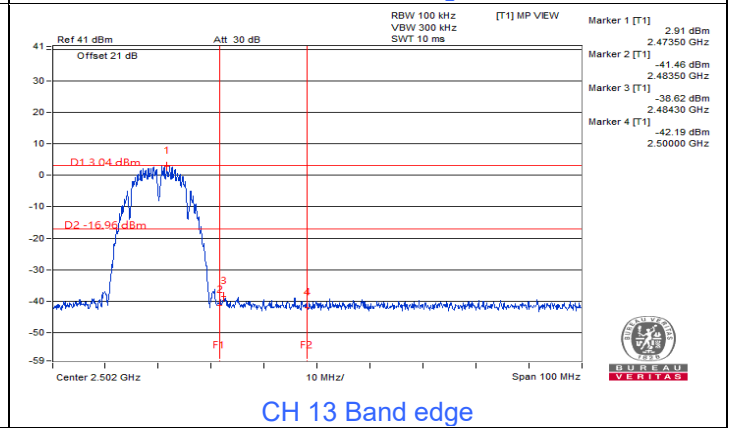
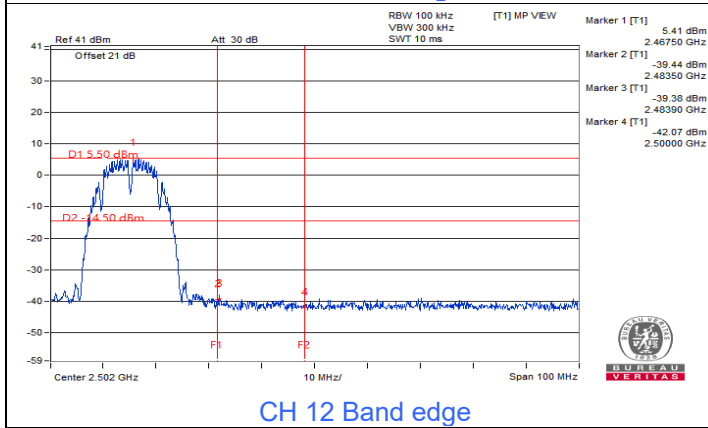
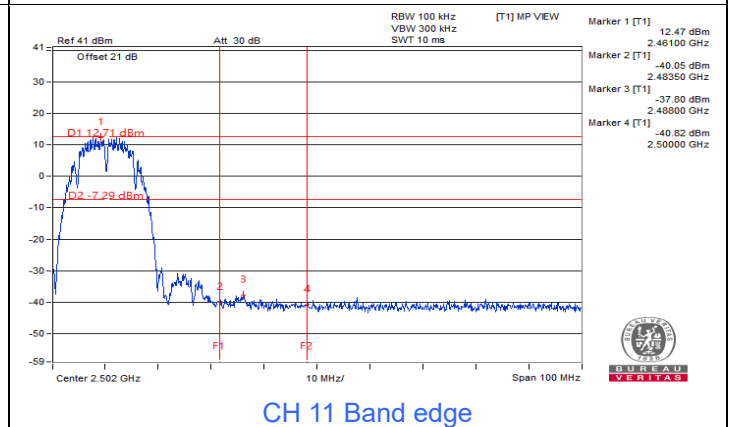
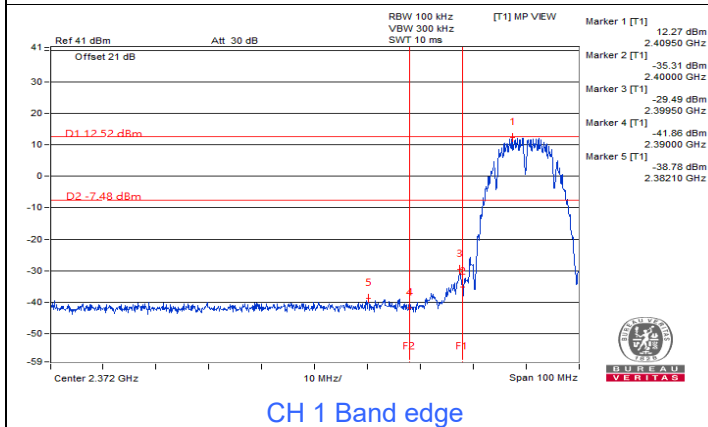
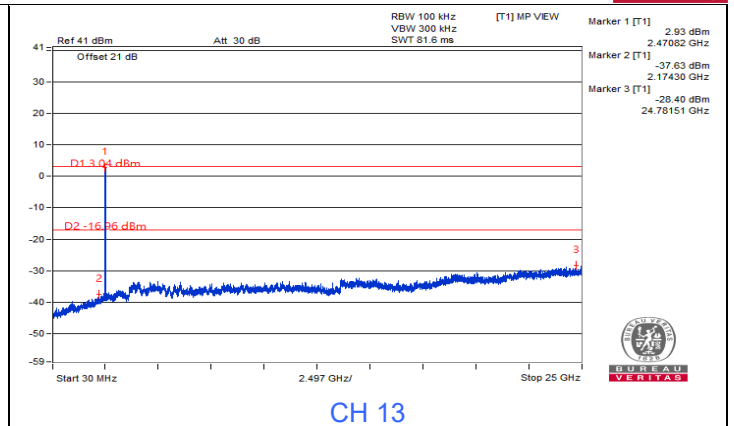
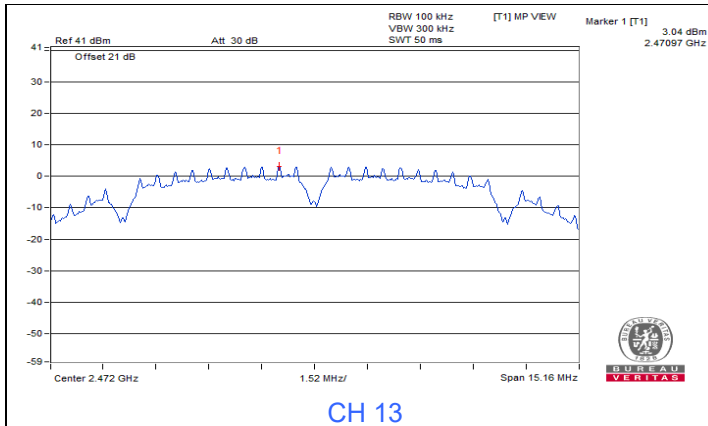


7.4 Conducted Out of Band Emissions

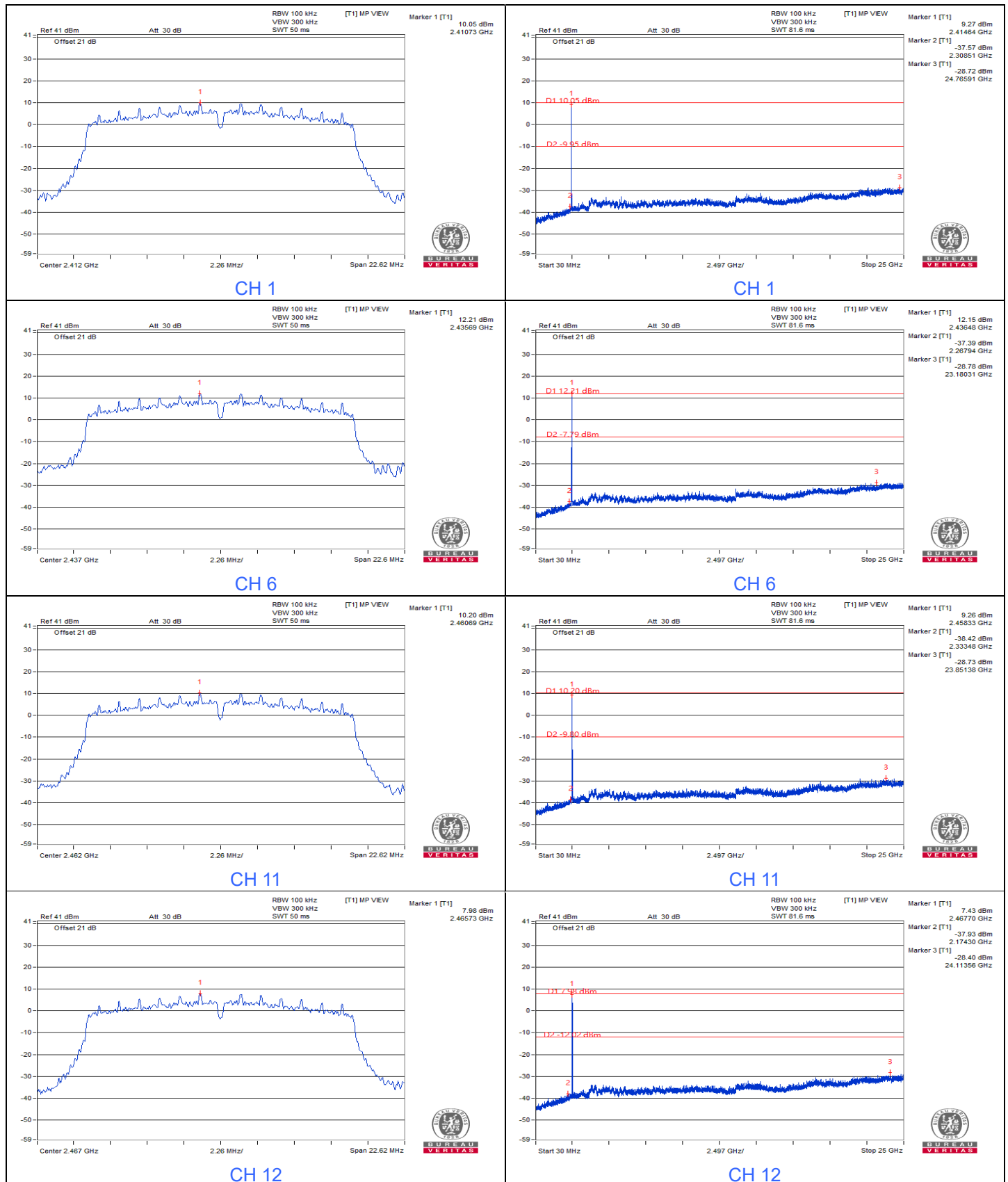
Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Kevin Ko
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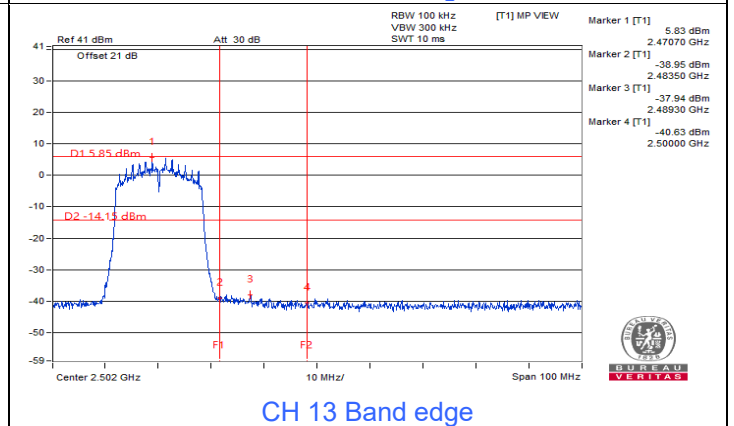
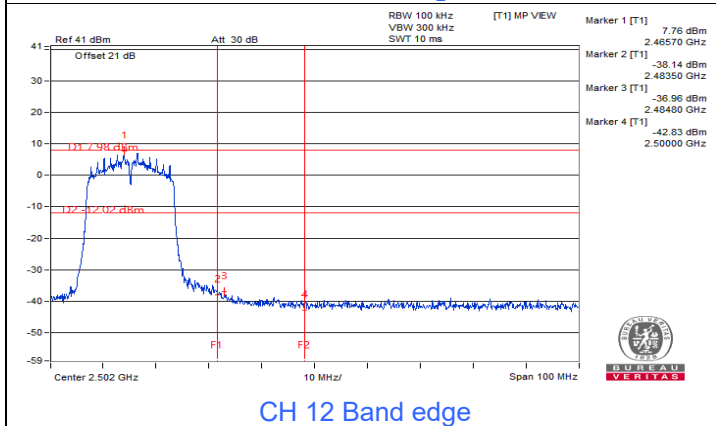
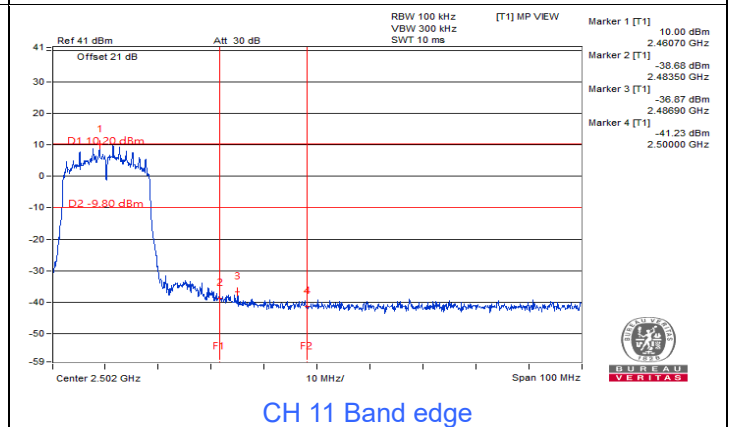
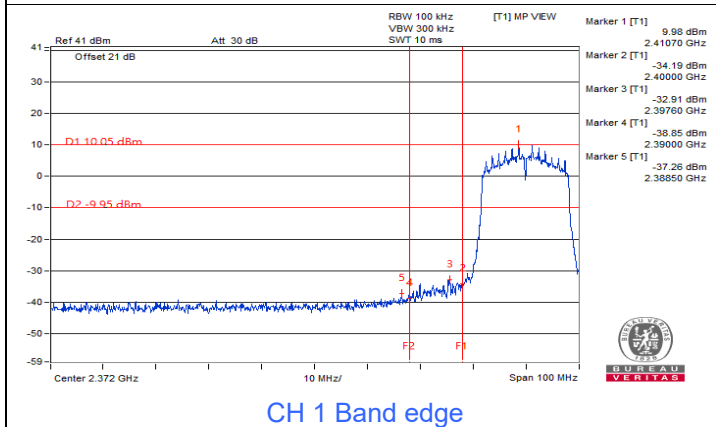
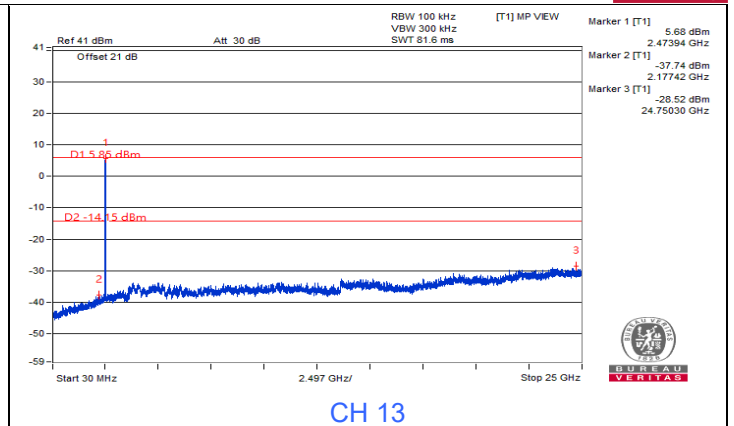
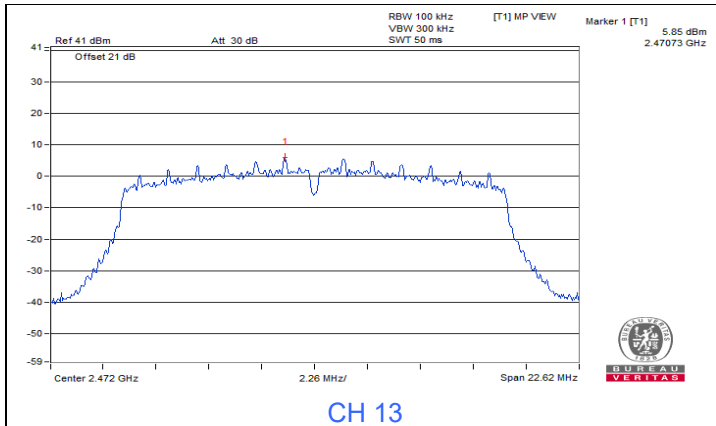
802.11b





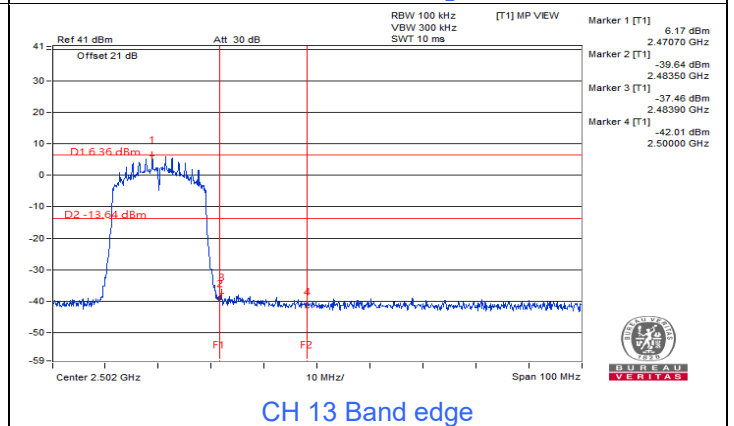
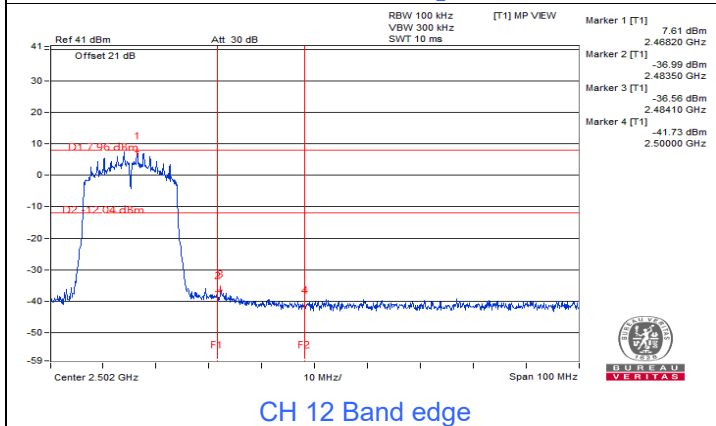
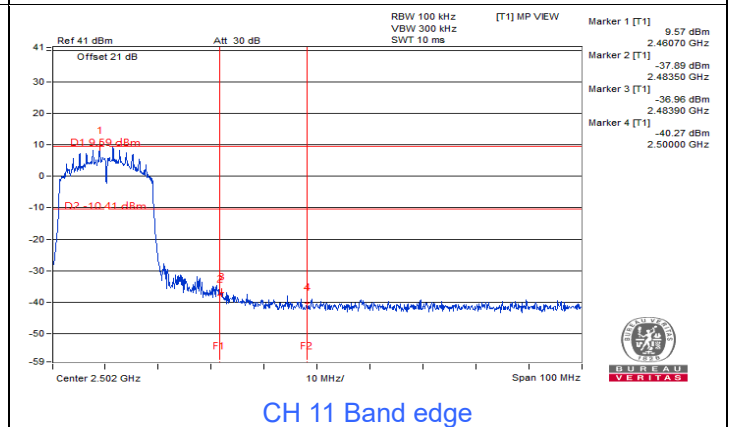
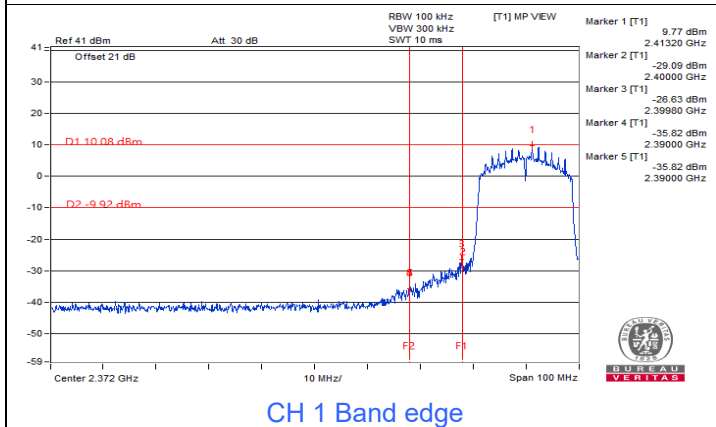
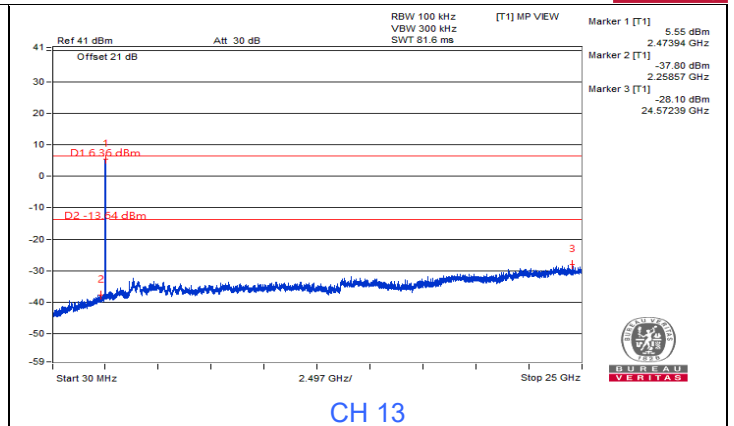
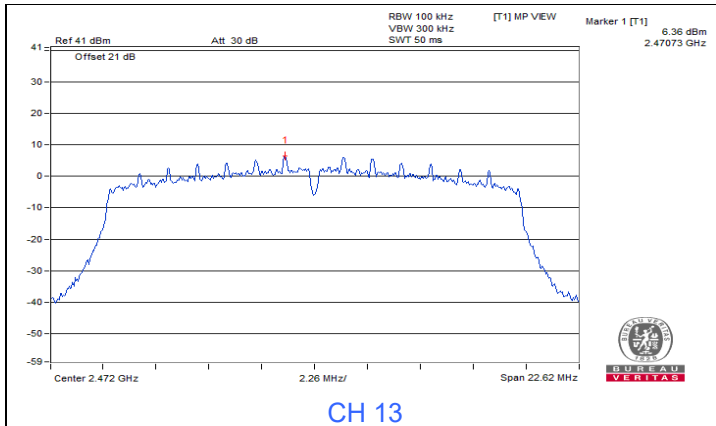
802.11g





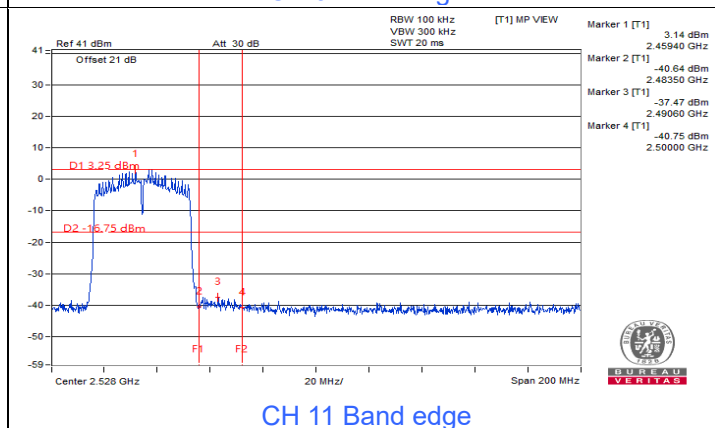
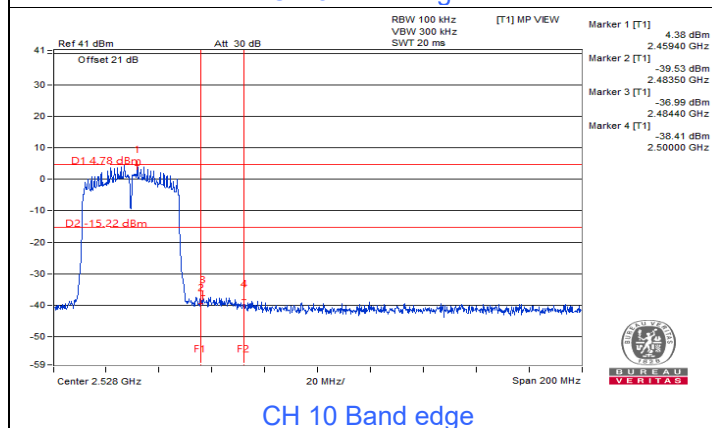
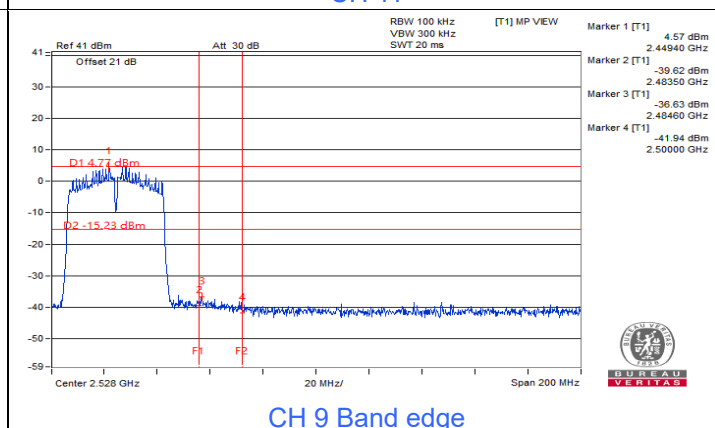
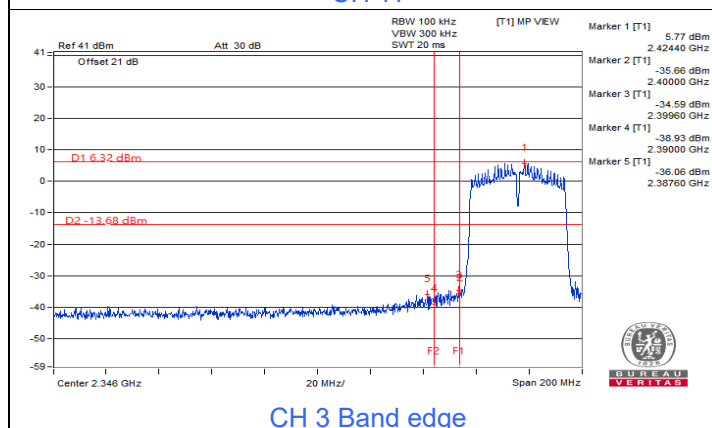
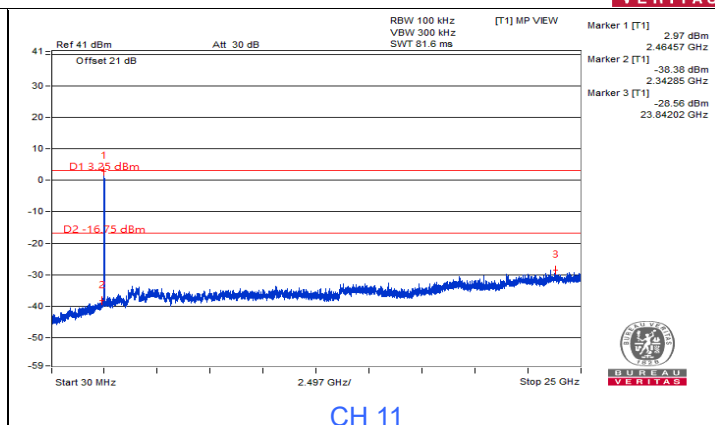
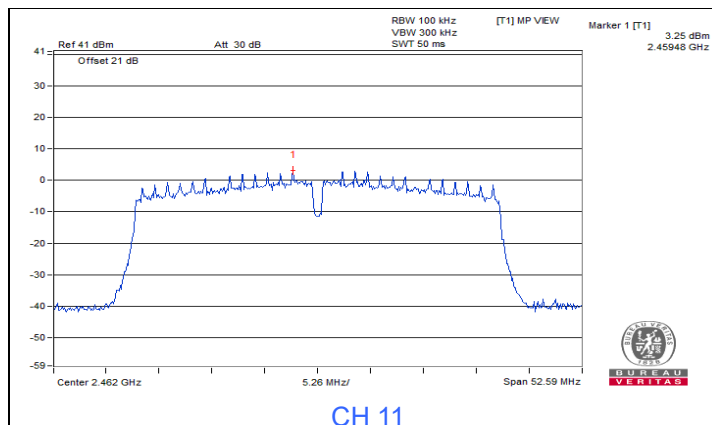
VHT20



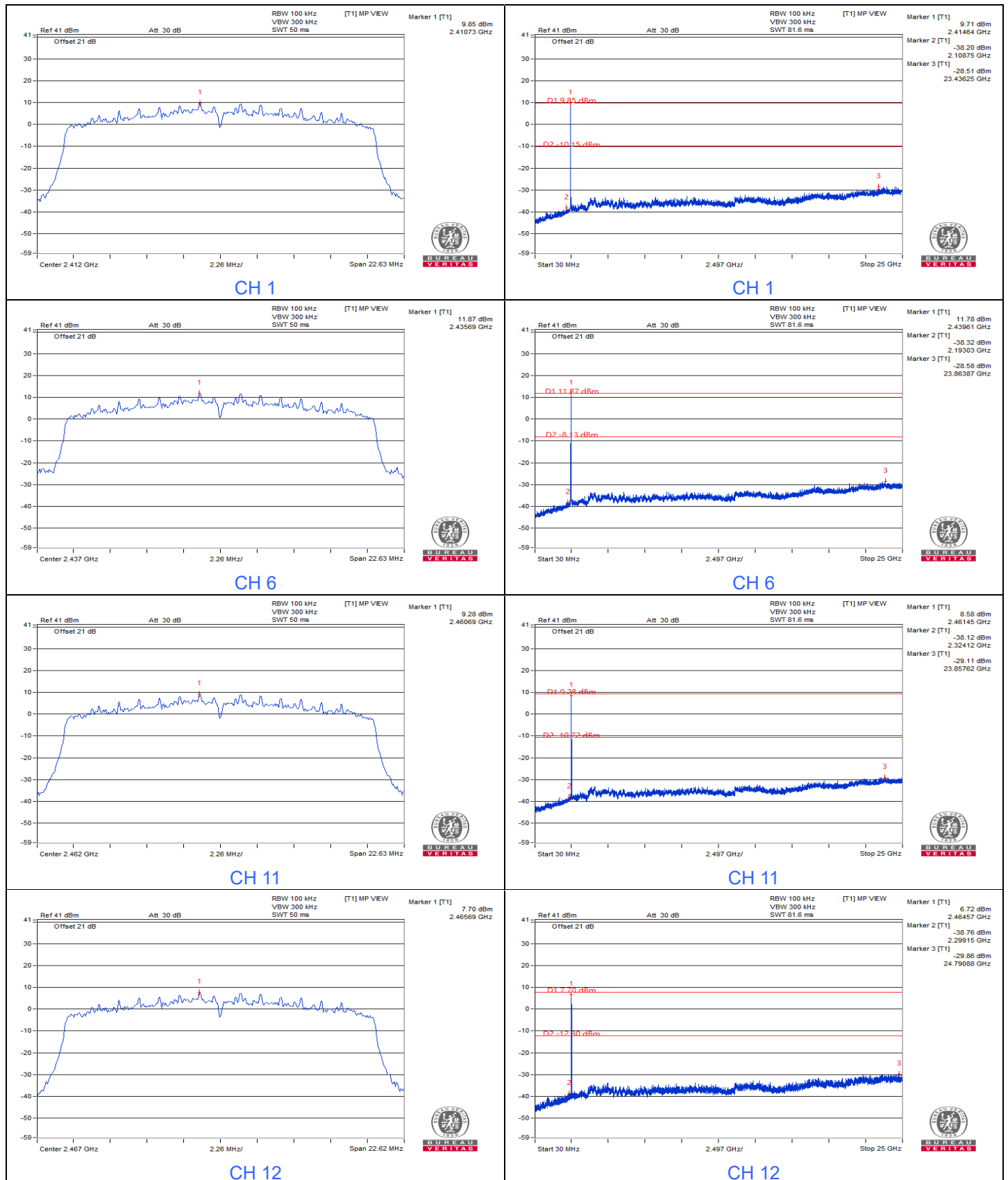


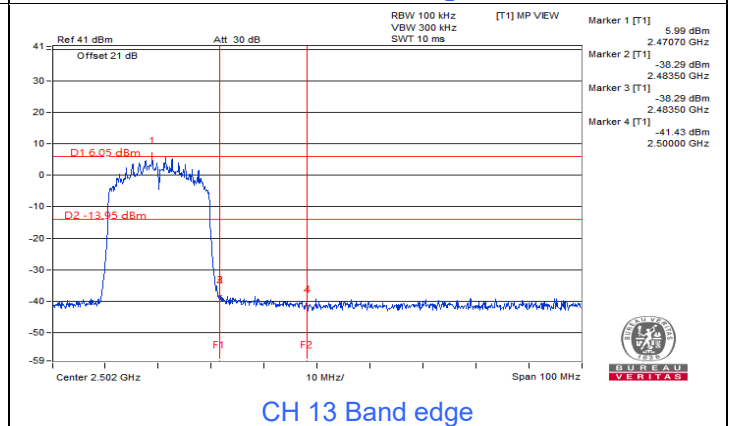
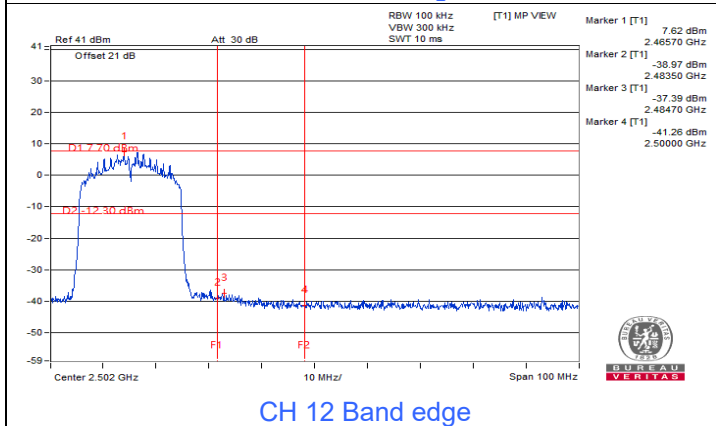
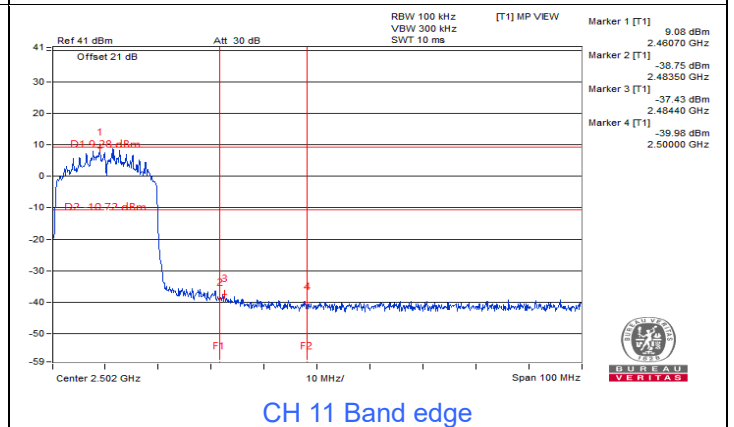
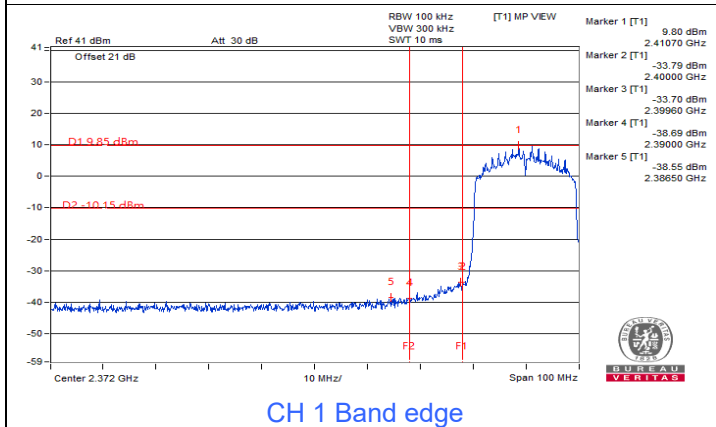
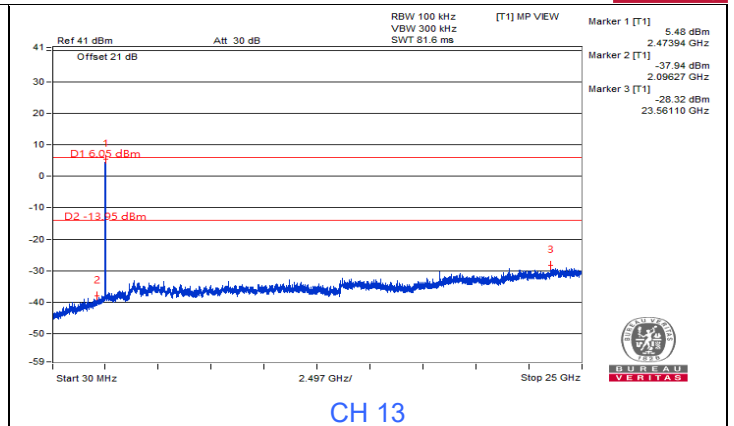
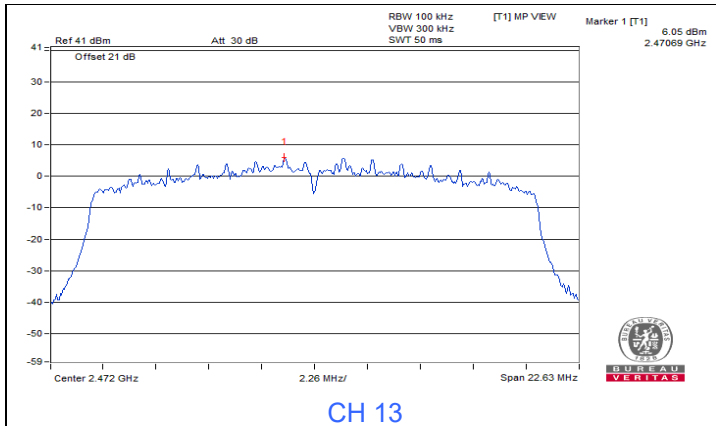
VHT40





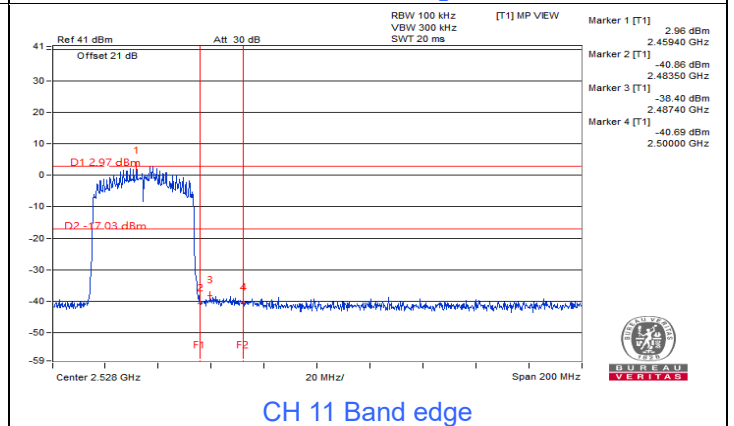
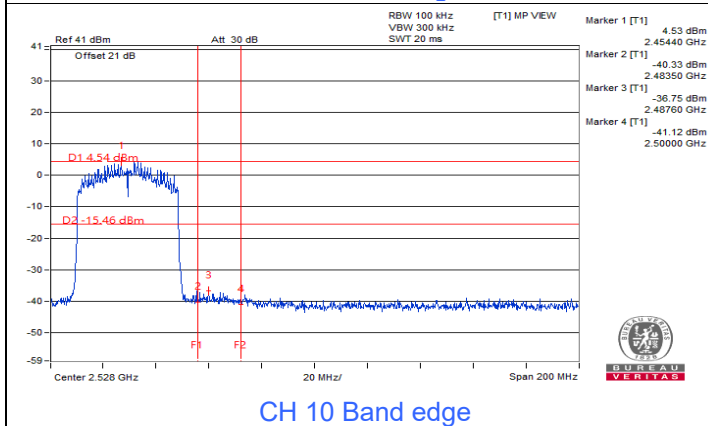
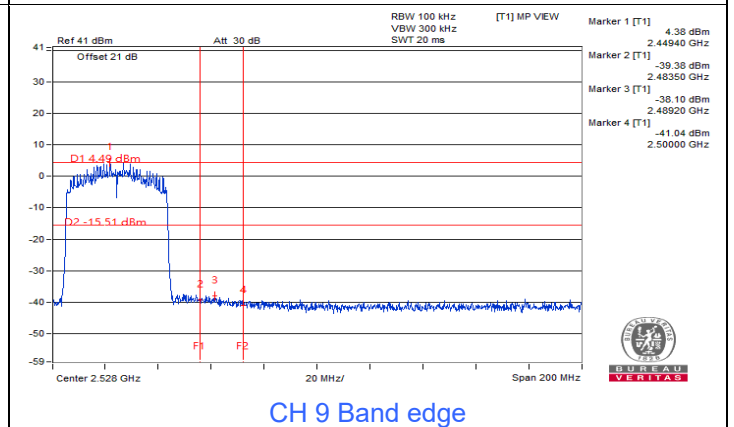
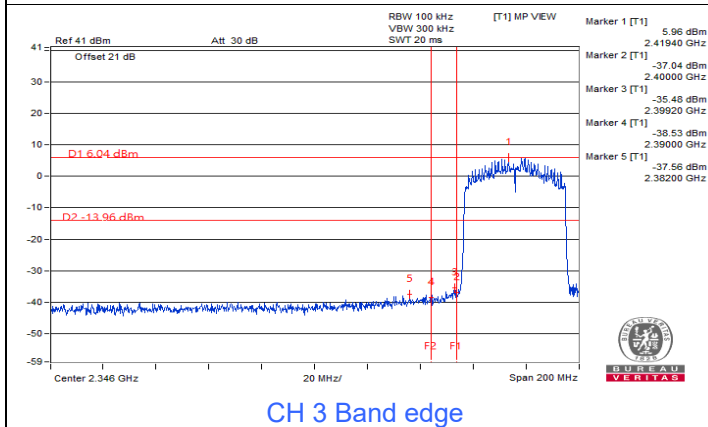
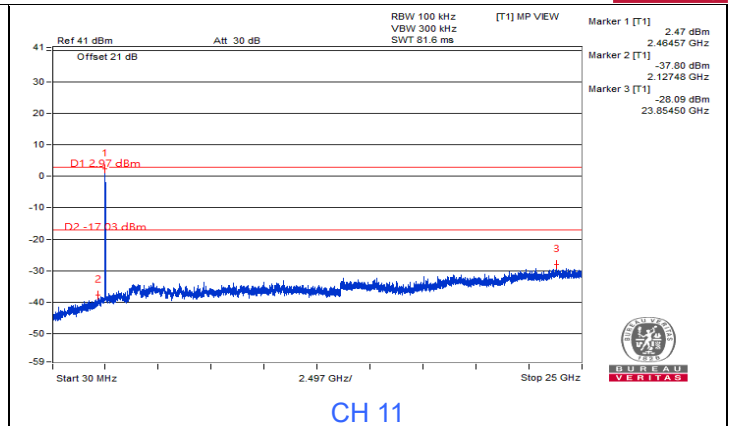
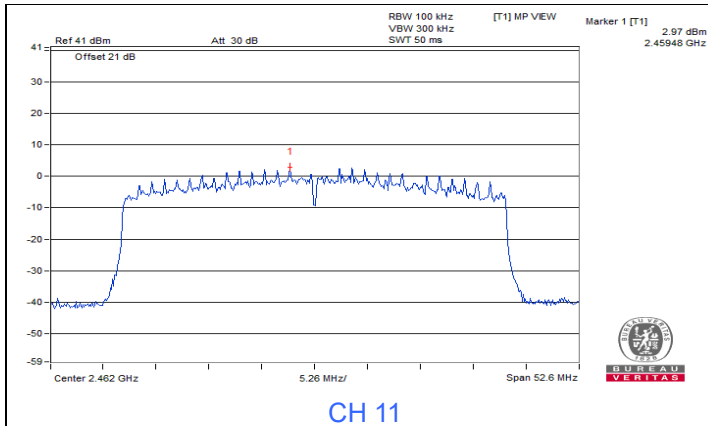
802.11ax (HE20)



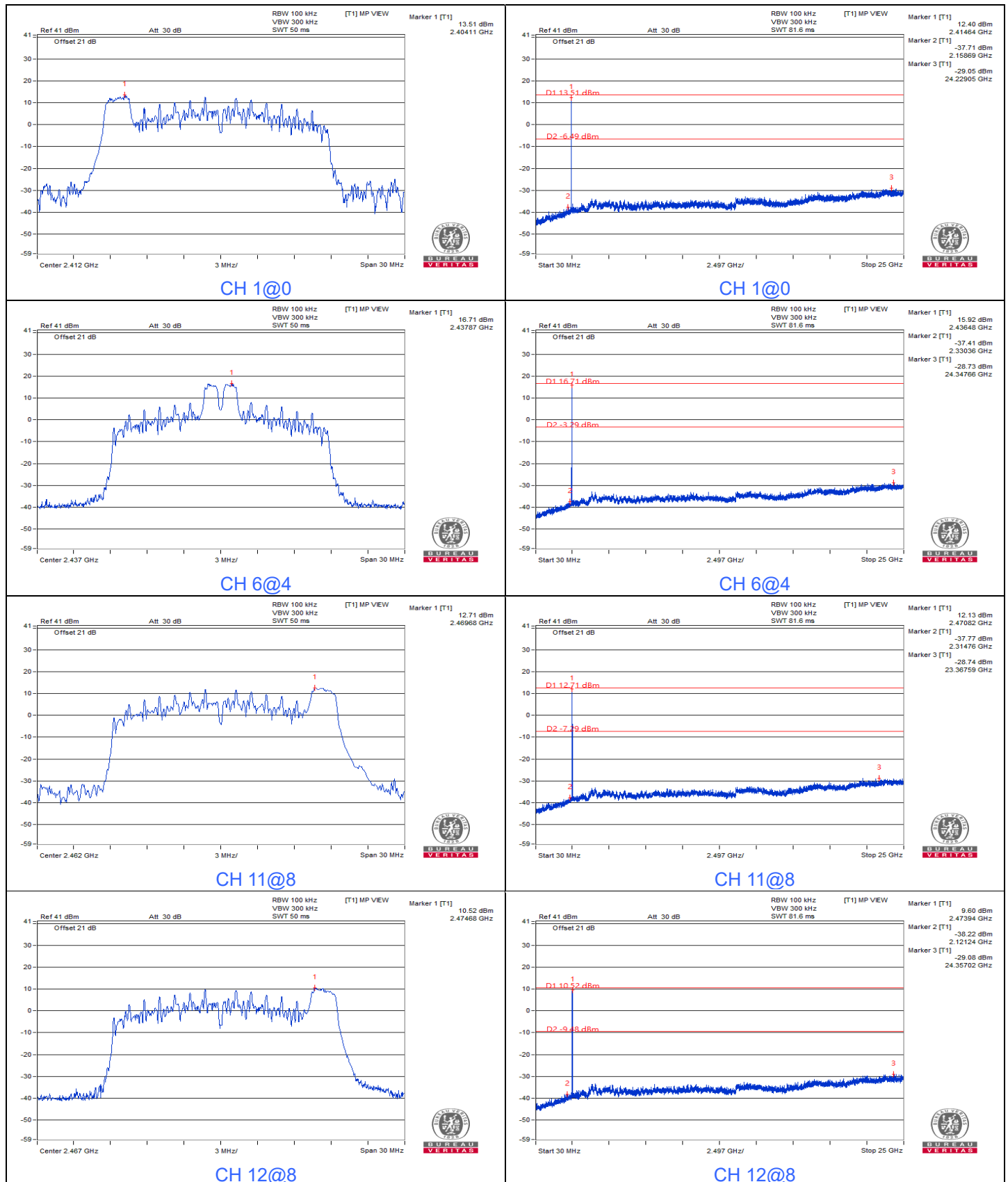


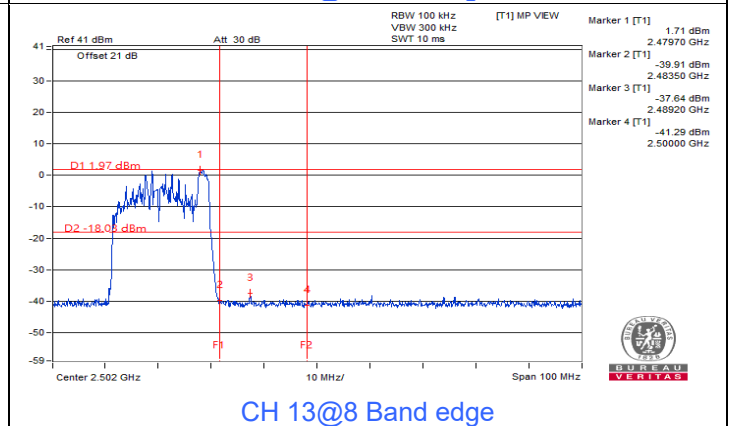
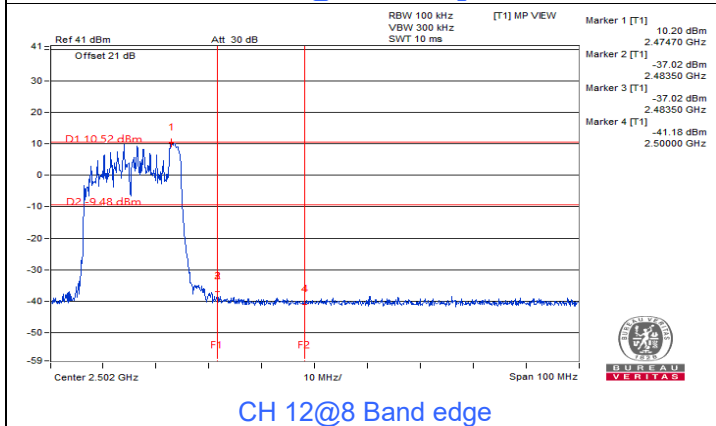
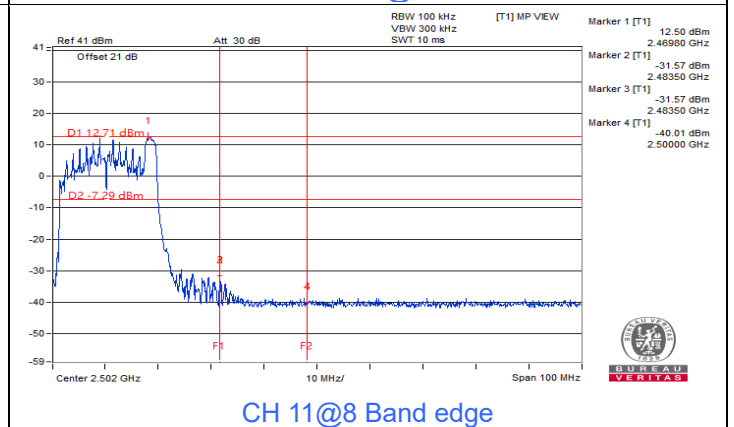
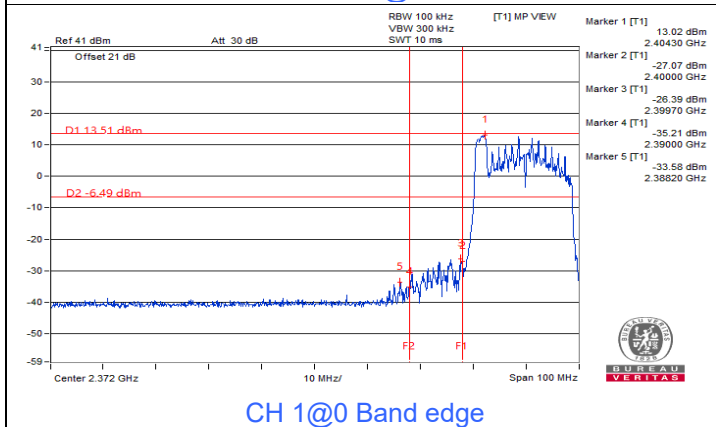
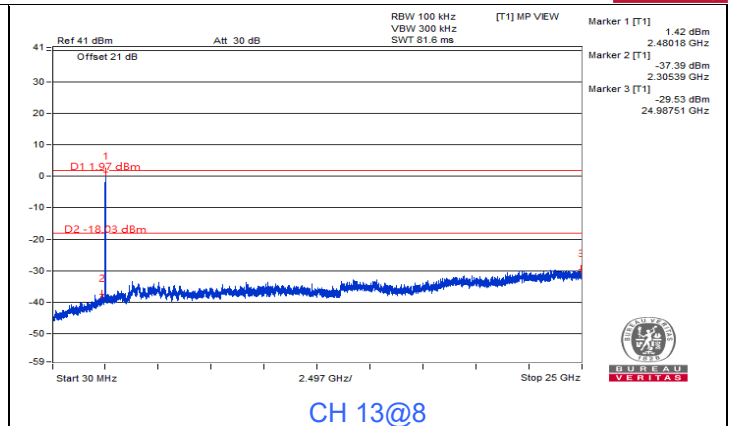
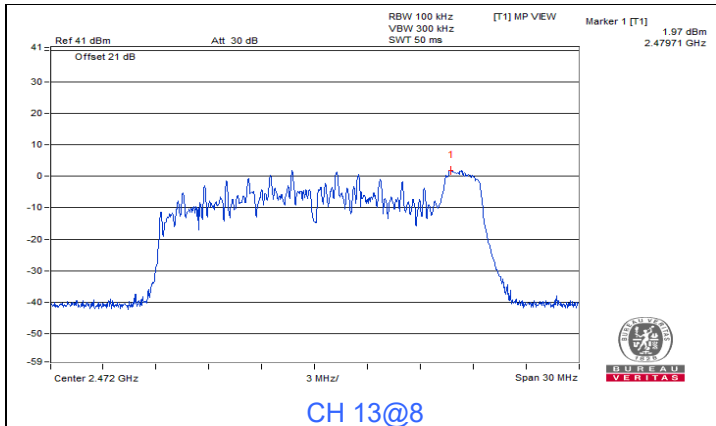
802.11ax (HE40)



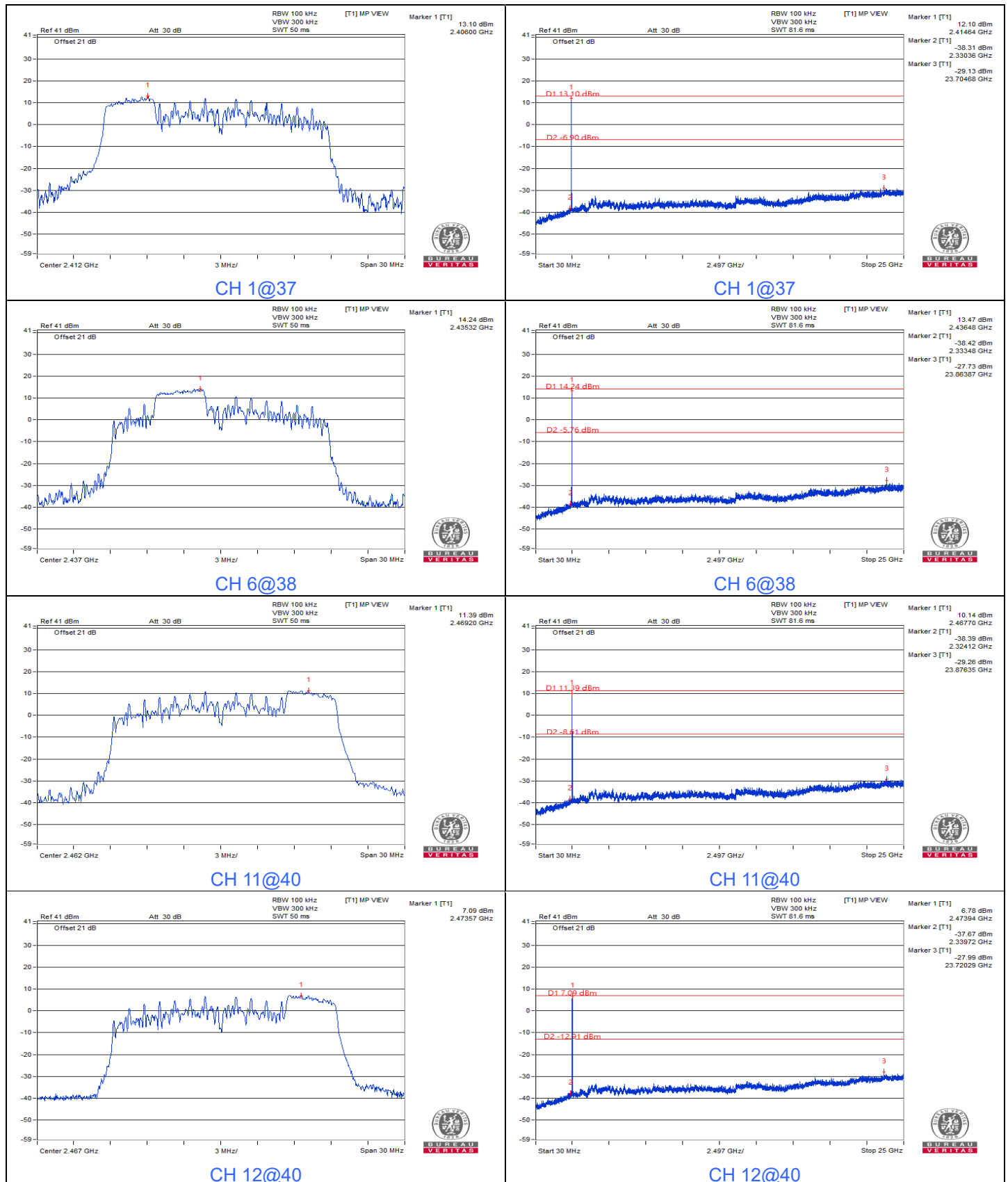


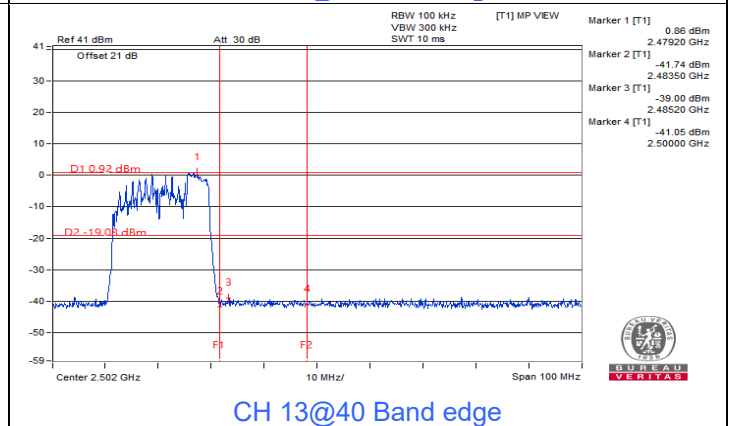
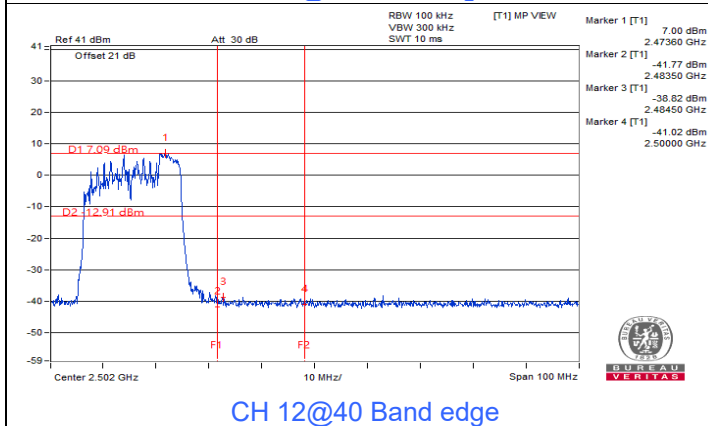
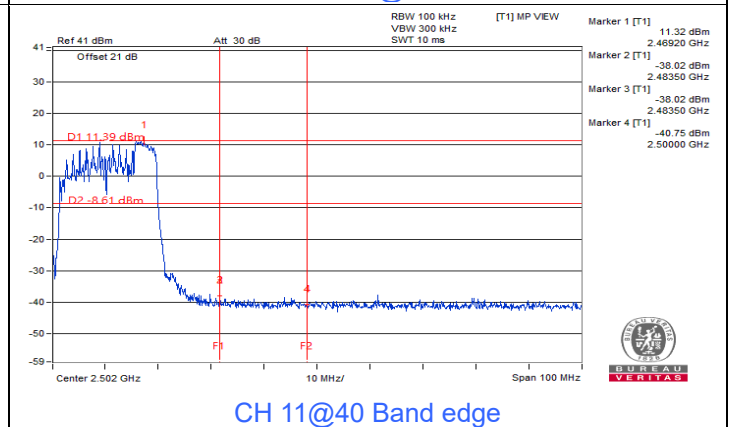
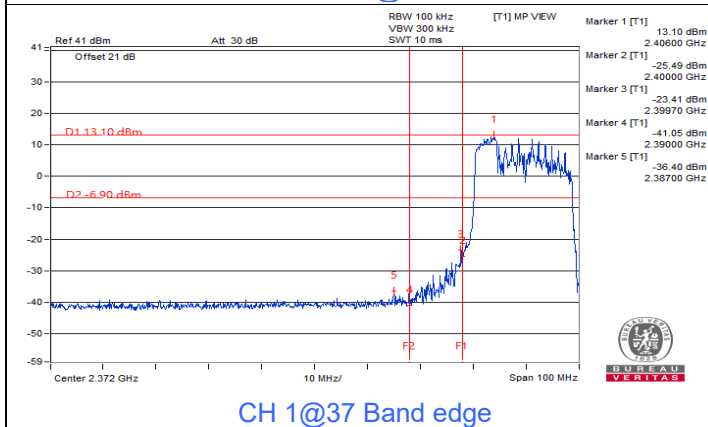
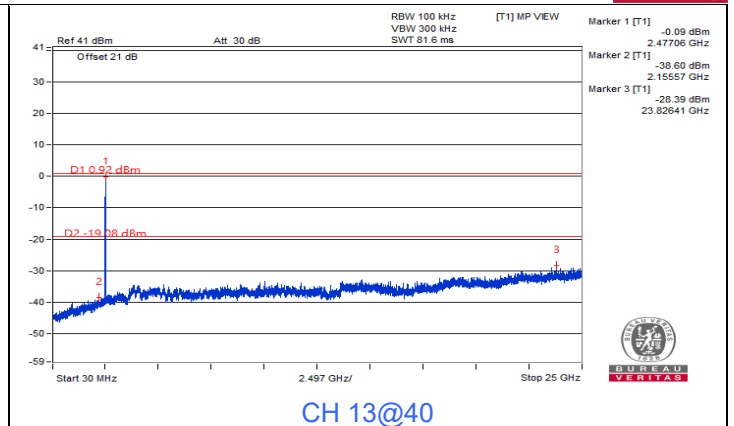
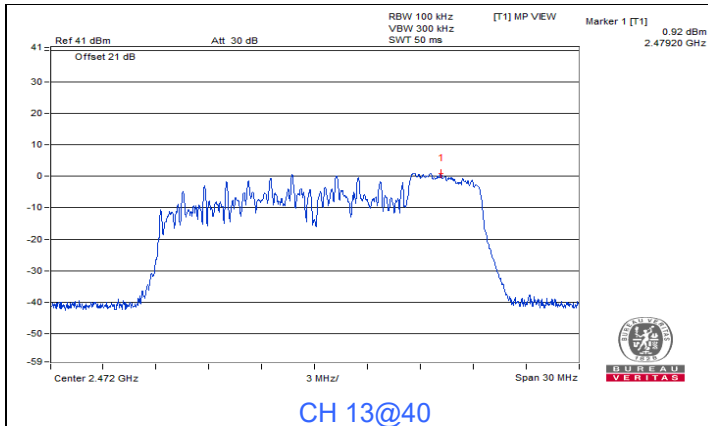
802.11ax (HE20) 26-tone RU



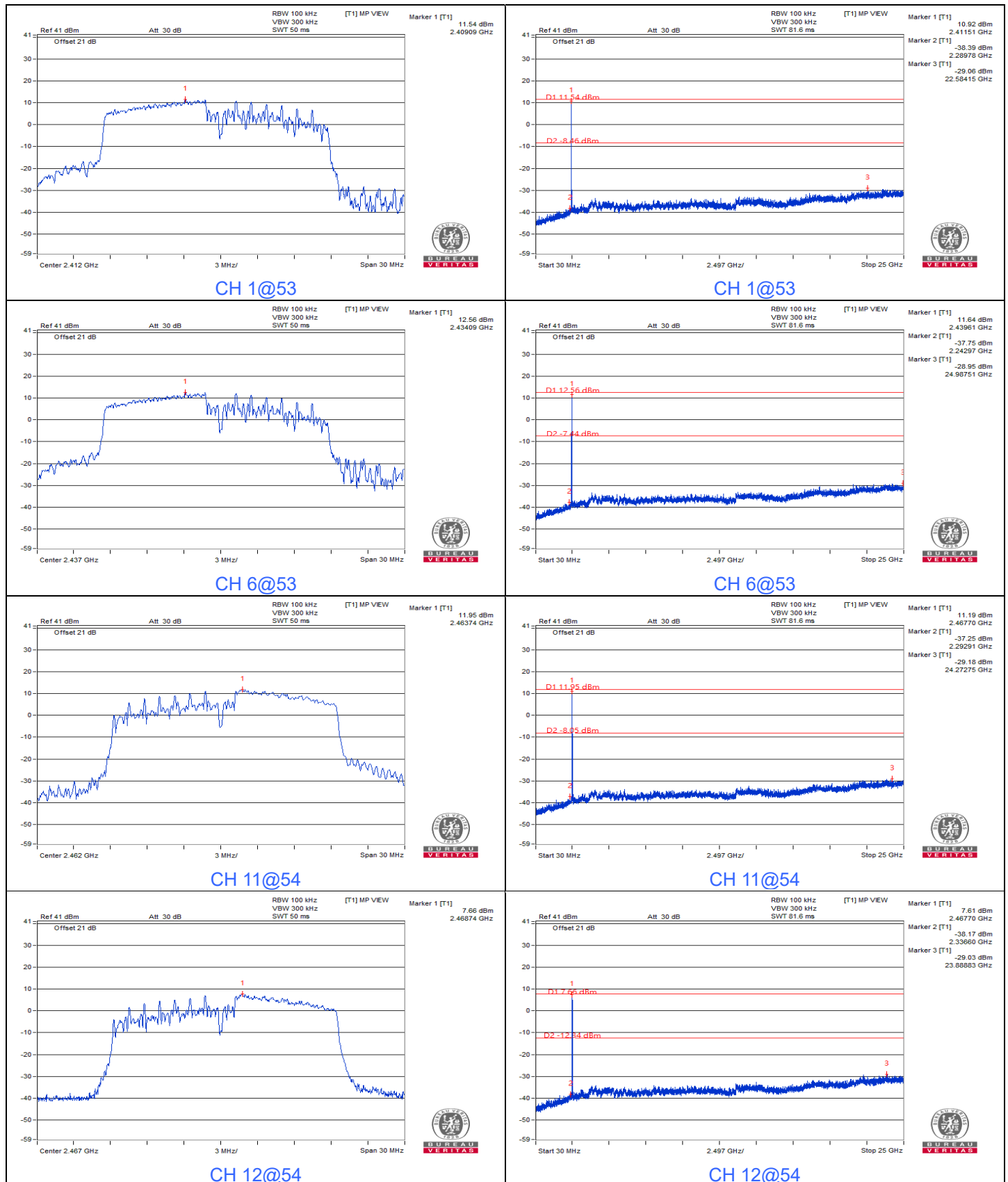


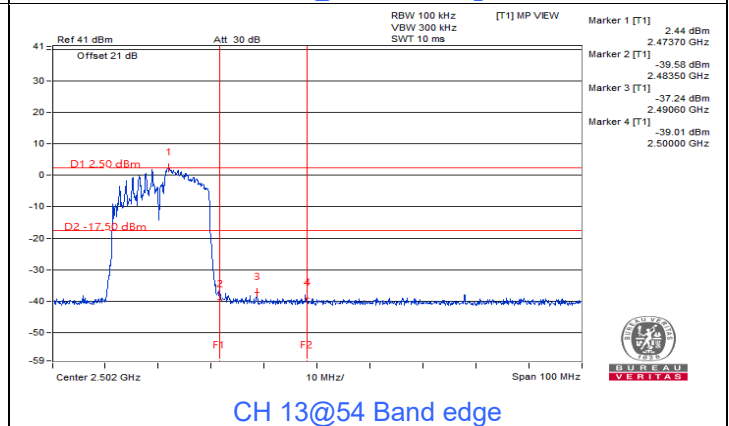
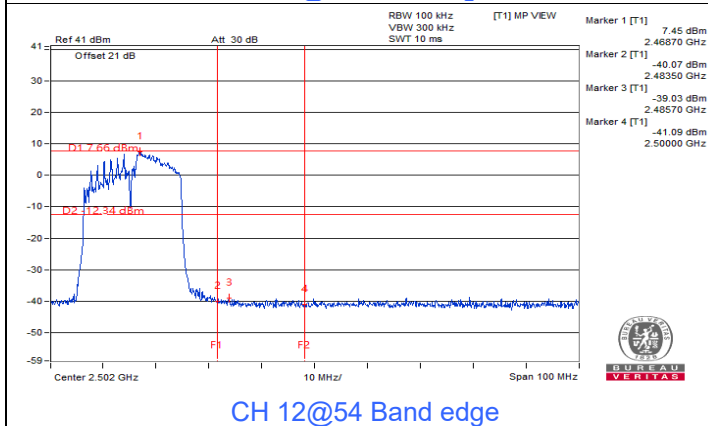
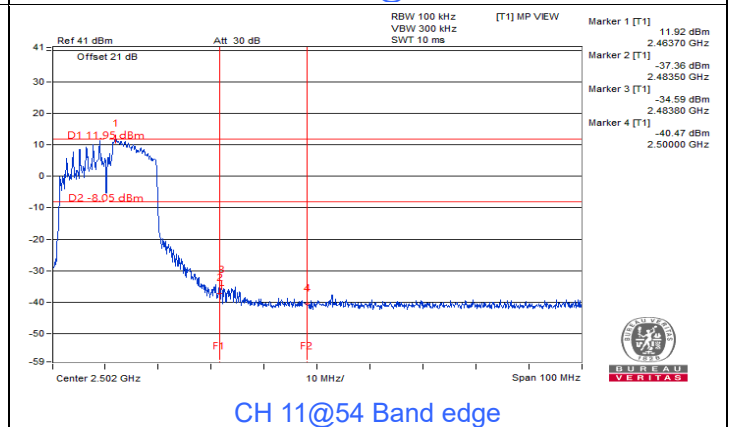
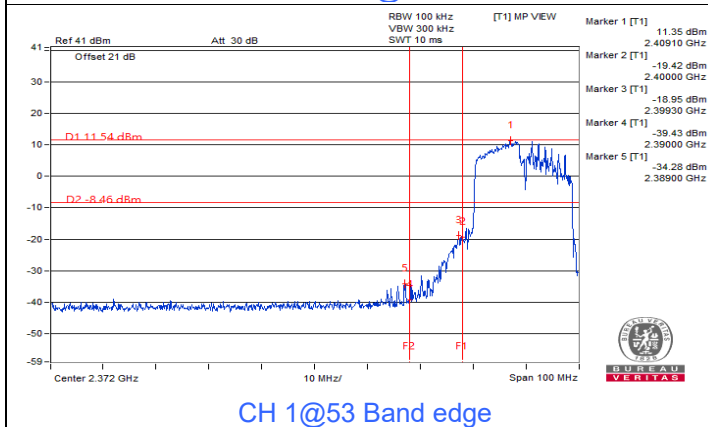
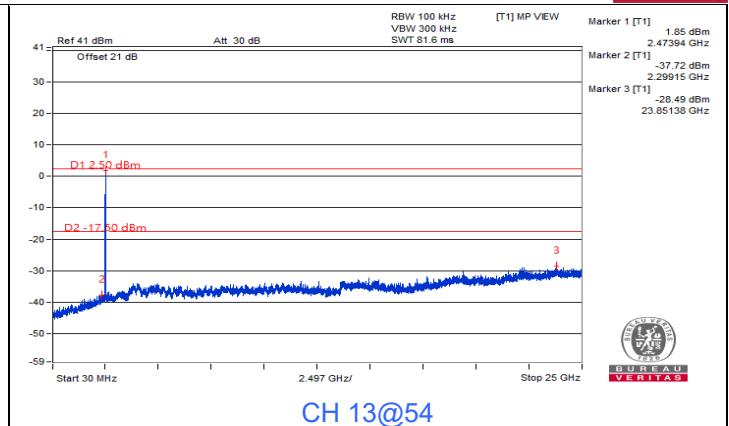
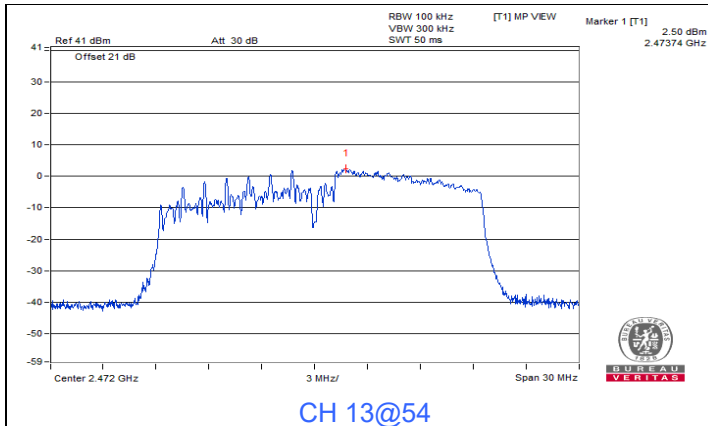
802.11ax (HE20) 52-tone RU





802.11ax (HE20) 106-tone RU





7.5 AC Power Conducted Emissions

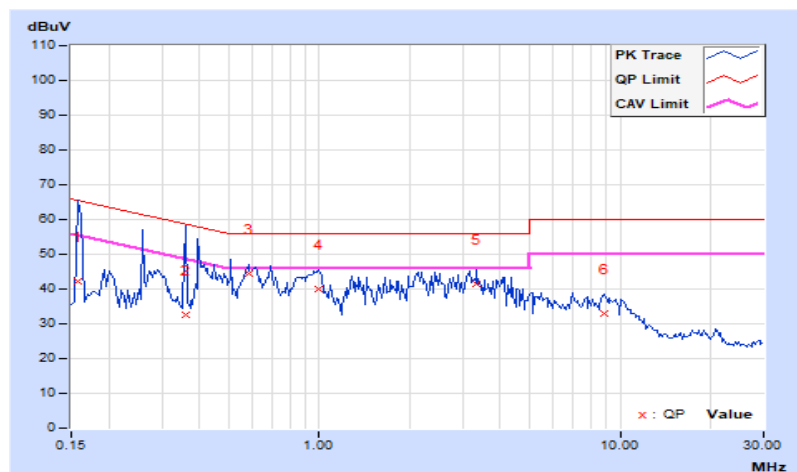
Mode A (SDIO interface using internal antenna)

RF Mode	802.11g	Channel	CH 6 : 2437 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	0.15781	9.93	32.21	15.24	42.14	25.17	65.58	55.58	-23.44	-30.41
2	0.36094	9.94	22.65	11.40	32.59	21.34	58.71	48.71	-26.12	-27.37
3	0.58359	9.95	34.32	25.67	44.27	35.62	56.00	46.00	-11.73	-10.38
4	0.99766	9.98	30.14	24.32	40.12	34.30	56.00	46.00	-15.88	-11.70
5	3.33203	10.09	31.36	22.36	41.45	32.45	56.00	46.00	-14.55	-13.55
6	8.85938	10.40	22.61	16.33	33.01	26.73	60.00	50.00	-26.99	-23.27

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

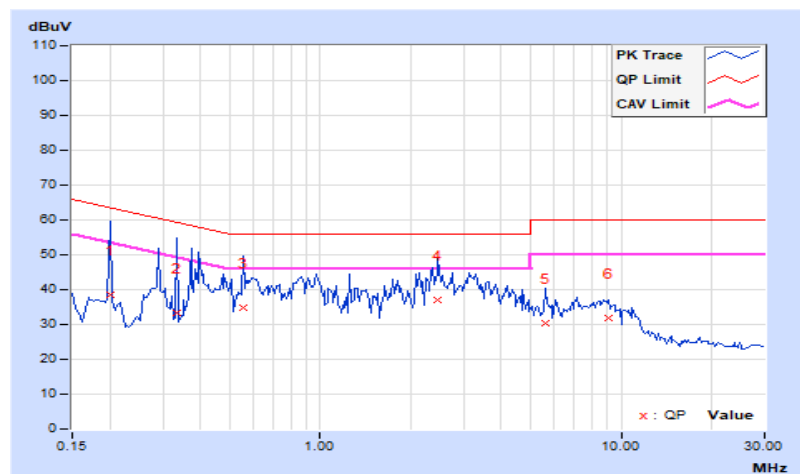


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Louis Yang		

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	0.20078	9.99	28.38	15.00	38.37	24.99	63.58	53.58	-25.21	-28.59
2	0.33359	10.00	23.32	8.77	33.32	18.77	59.36	49.36	-26.04	-30.59
3	0.55625	10.01	24.99	18.51	35.00	28.52	56.00	46.00	-21.00	-17.48
4	2.46875	10.09	27.13	22.38	37.22	32.47	56.00	46.00	-18.78	-13.53
5	5.59766	10.23	20.32	12.24	30.55	22.47	60.00	50.00	-29.45	-27.53
6	9.07813	10.38	21.49	14.60	31.87	24.98	60.00	50.00	-28.13	-25.02

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



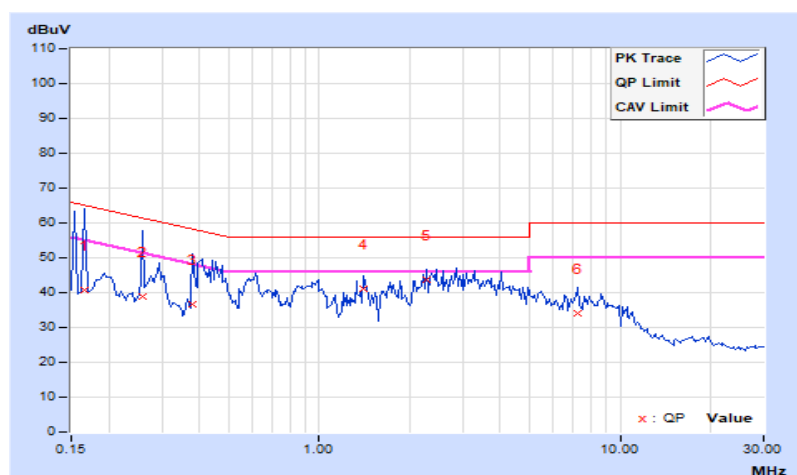
Mode B (SDIO interface using external antenna)

RF Mode	802.11g	Channel	CH 6 : 2437 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	0.16562	9.93	30.88	18.63	40.81	28.56	65.18	55.18	-24.37	-26.62
2	0.25938	9.93	29.10	20.01	39.03	29.94	61.45	51.45	-22.42	-21.51
3	0.38047	9.94	26.79	16.39	36.73	26.33	58.27	48.27	-21.54	-21.94
4	1.41016	10.00	31.08	23.11	41.08	33.11	56.00	46.00	-14.92	-12.89
5	2.28125	10.03	33.53	21.72	43.56	31.75	56.00	46.00	-12.44	-14.25
6	7.25781	10.31	23.60	14.82	33.91	25.13	60.00	50.00	-26.09	-24.87

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

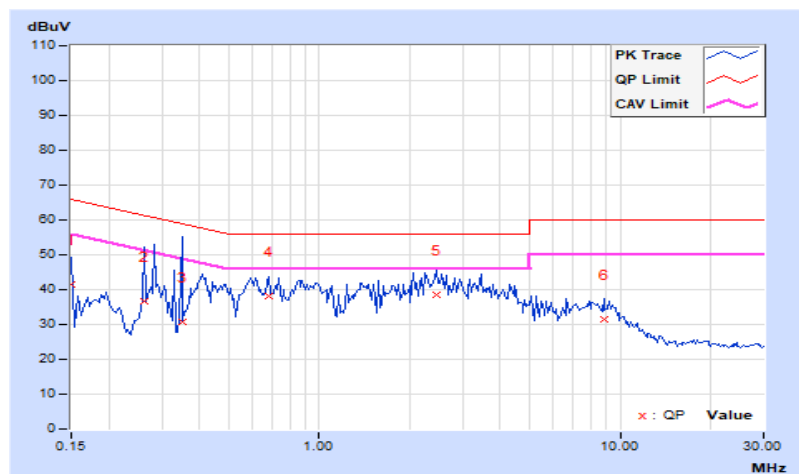


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Louis Yang		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.98	31.50	10.13	41.48	20.11	66.00	56.00	-24.52	-35.89
2	0.26328	9.99	26.81	18.01	36.80	28.00	61.33	51.33	-24.53	-23.33
3	0.34922	10.00	20.66	8.49	30.66	18.49	58.98	48.98	-28.32	-30.49
4	0.68125	10.01	28.20	19.51	38.21	29.52	56.00	46.00	-17.79	-16.48
5	2.44922	10.09	28.58	23.91	38.67	34.00	56.00	46.00	-17.33	-12.00
6	8.80469	10.37	21.26	14.20	31.63	24.57	60.00	50.00	-28.37	-25.43

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



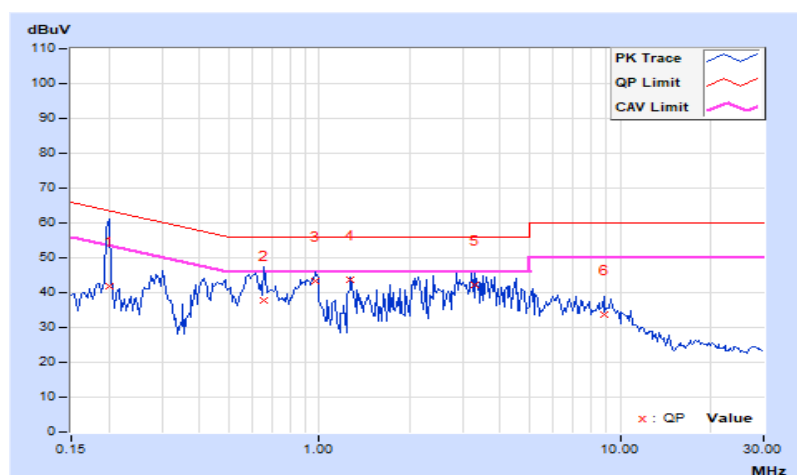
Mode C (USB interface using internal antenna)

RF Mode	802.11g	Channel	CH 6 : 2437 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	0.20078	9.93	32.09	21.82	42.02	31.75	63.58	53.58	-21.56	-21.83
2	0.65781	9.96	27.68	20.90	37.64	30.86	56.00	46.00	-18.36	-15.14
3	0.97422	9.98	33.28	24.72	43.26	34.70	56.00	46.00	-12.74	-11.30
4	1.26563	9.99	33.68	22.12	43.67	32.11	56.00	46.00	-12.33	-13.89
5	3.29688	10.08	32.21	22.36	42.29	32.44	56.00	46.00	-13.71	-13.56
6	8.80469	10.40	23.46	16.43	33.86	26.83	60.00	50.00	-26.14	-23.17

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

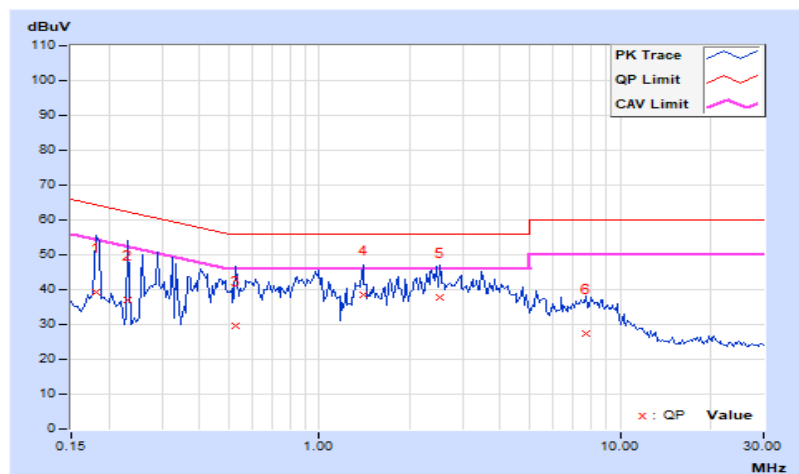


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Louis Yang		

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	0.18125	9.99	29.20	17.45	39.19	27.44	64.43	54.43	-25.24	-26.99
2	0.23203	9.99	26.91	12.34	36.90	22.33	62.38	52.38	-25.48	-30.05
3	0.52891	10.01	19.56	10.21	29.57	20.22	56.00	46.00	-26.43	-25.78
4	1.40234	10.05	28.60	21.45	38.65	31.50	56.00	46.00	-17.35	-14.50
5	2.51563	10.09	27.78	20.36	37.87	30.45	56.00	46.00	-18.13	-15.55
6	7.73047	10.32	17.02	11.76	27.34	22.08	60.00	50.00	-32.66	-27.92

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



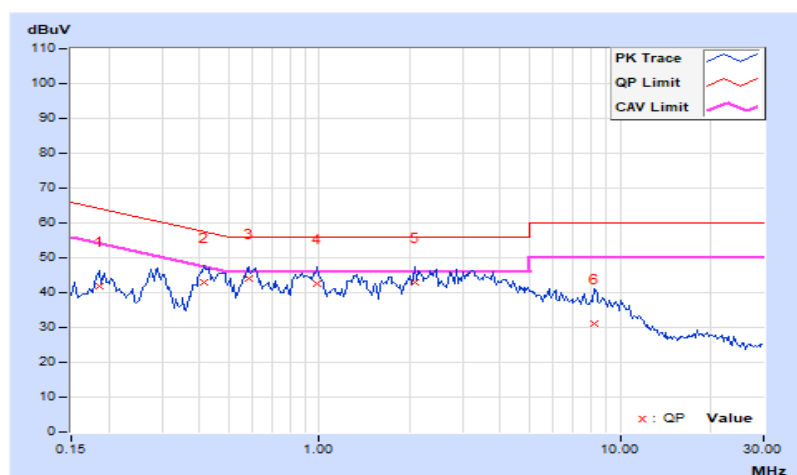
Mode D (USB interface using external antenna)

RF Mode	802.11g	Channel	CH 6 : 2437 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	31.75	20.90	41.68	30.83	64.25	54.25	-22.57	-23.42
2	0.41563	9.94	33.14	26.77	43.08	36.71	57.54	47.54	-14.46	-10.83
3	0.58359	9.95	34.13	25.87	44.08	35.82	56.00	46.00	-11.92	-10.18
4	0.98594	9.98	32.49	25.12	42.47	35.10	56.00	46.00	-13.53	-10.90
5	2.07422	10.02	32.86	25.22	42.88	35.24	56.00	46.00	-13.12	-10.76
6	8.21875	10.37	20.84	16.01	31.21	26.38	60.00	50.00	-28.79	-23.62

Remarks:

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

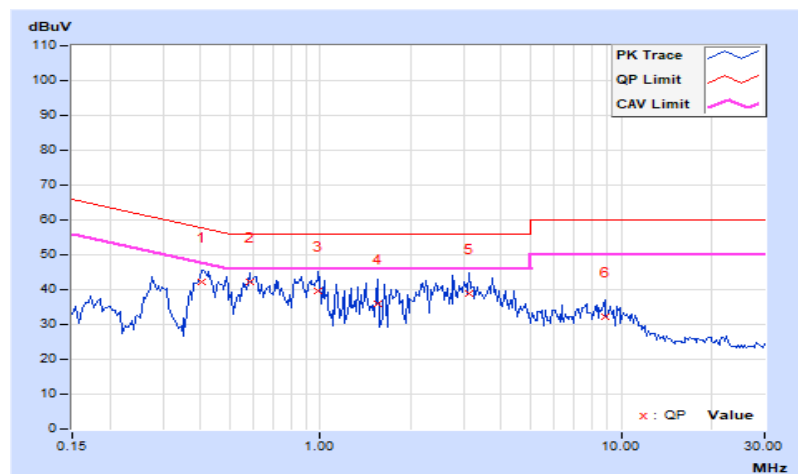


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Louis Yang		

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	0.40391	10.00	32.33	25.75	42.33	35.75	57.77	47.77	-15.44	-12.02
2	0.58359	10.01	32.03	21.00	42.04	31.01	56.00	46.00	-13.96	-14.99
3	0.98594	10.03	29.65	19.27	39.68	29.30	56.00	46.00	-16.32	-16.70
4	1.55859	10.05	25.72	17.53	35.77	27.58	56.00	46.00	-20.23	-18.42
5	3.11719	10.12	28.62	20.39	38.74	30.51	56.00	46.00	-17.26	-15.49
6	8.80469	10.37	21.69	13.80	32.06	24.17	60.00	50.00	-27.94	-25.83

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



7.6 Unwanted Emissions below 1 GHz

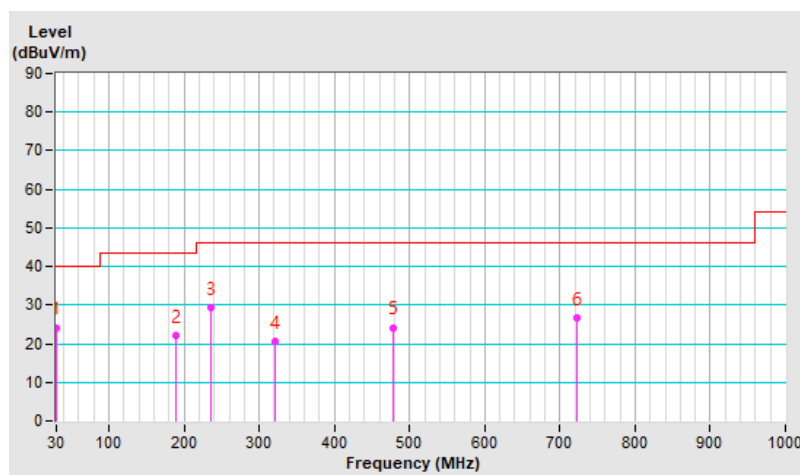
Mode A (SDIO interface using internal antenna)

RF Mode	802.11g	Channel	CH 6 : 2437 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	24.2 QP	40.0	-15.8	1.00 H	186	43.2	-19.0
2	188.70	22.1 QP	43.5	-21.4	1.50 H	315	42.5	-20.4
3	236.33	29.4 QP	46.0	-16.6	1.50 H	310	49.0	-19.6
4	321.06	20.7 QP	46.0	-25.3	1.00 H	18	37.0	-16.3
5	478.36	24.2 QP	46.0	-21.8	2.00 H	60	36.8	-12.6
6	723.25	26.6 QP	46.0	-19.4	1.00 H	146	34.6	-8.0

Remarks:

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

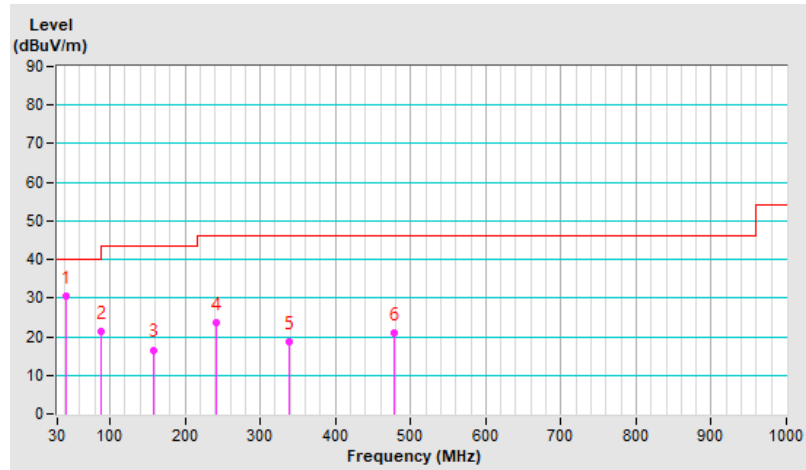


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	20°C, 61% RH
Tested By	Clark Lo		

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	40.67	30.6 QP	40.0	-9.4	1.00 V	176	48.6	-18.0
2	89.03	21.3 QP	43.5	-22.2	1.50 V	114	44.7	-23.4
3	158.87	16.6 QP	43.5	-26.9	1.00 V	302	34.0	-17.4
4	242.05	23.5 QP	46.0	-22.5	2.00 V	350	42.6	-19.1
5	338.67	18.7 QP	46.0	-27.3	1.50 V	244	34.7	-16.0
6	477.58	21.1 QP	46.0	-24.9	1.00 V	122	33.7	-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.



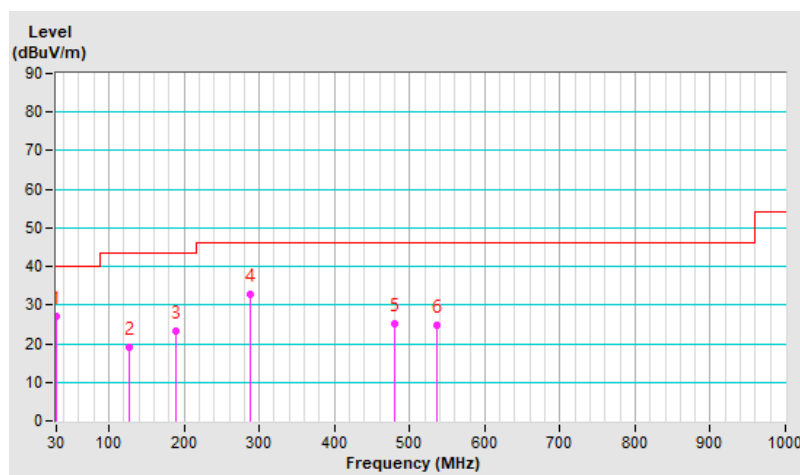
Mode B (SDIO interface using external antenna)

RF Mode	802.11g	Channel	CH 6 : 2437 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	30.63	27.0 QP	40.0	-13.0	1.00 H	171	46.0	-19.0
2	126.33	18.9 QP	43.5	-24.6	2.00 H	285	38.1	-19.2
3	189.14	23.2 QP	43.5	-20.3	1.50 H	331	43.6	-20.4
4	288.52	32.6 QP	46.0	-13.4	1.00 H	176	49.8	-17.2
5	479.18	25.1 QP	46.0	-20.9	2.00 H	277	37.7	-12.6
6	536.37	24.9 QP	46.0	-21.1	1.50 H	313	36.5	-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.

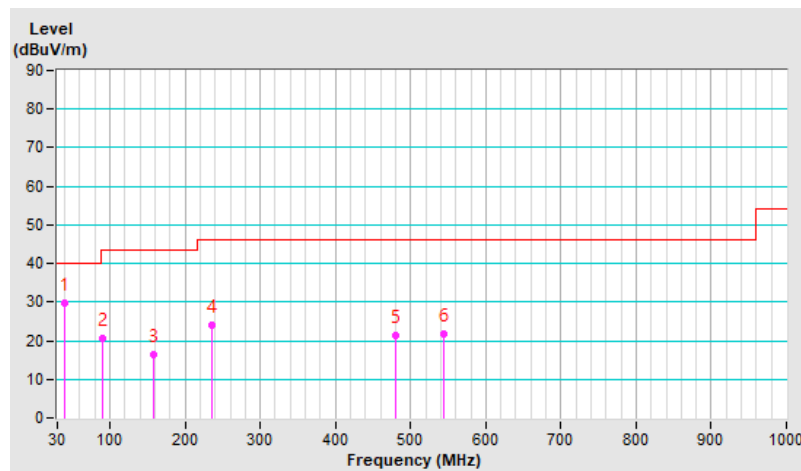


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	20°C, 61% RH
Tested By	Clark Lo		

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	29.7 QP	40.0	-10.3	1.00 V	148	47.9	-18.2
2	89.17	20.5 QP	43.5	-23.0	1.50 V	45	43.9	-23.4
3	158.87	16.2 QP	43.5	-27.3	1.00 V	78	33.6	-17.4
4	236.23	24.0 QP	46.0	-22.0	1.00 V	207	43.6	-19.6
5	480.01	21.4 QP	46.0	-24.6	1.00 V	297	33.9	-12.5
6	543.83	21.8 QP	46.0	-24.2	1.00 V	300	33.3	-11.5

Remarks:

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



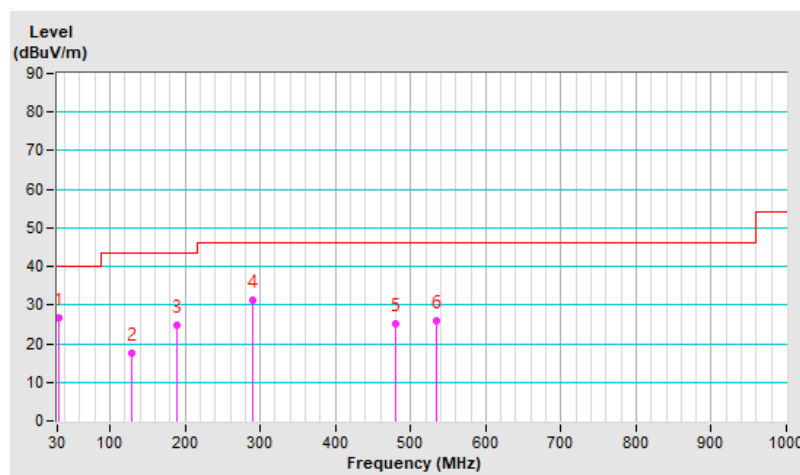
Mode C (USB interface using internal antenna)

RF Mode	802.11g	Channel	CH 6 : 2437 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	31.36	26.6 QP	40.0	-13.4	1.00 H	48	45.6	-19.0
2	129.14	17.4 QP	43.5	-26.1	1.50 H	94	36.4	-19.0
3	188.65	24.8 QP	43.5	-18.7	1.50 H	319	45.1	-20.3
4	289.92	31.3 QP	46.0	-14.7	1.00 H	178	48.5	-17.2
5	480.01	25.1 QP	46.0	-20.9	2.00 H	283	37.6	-12.5
6	535.10	25.9 QP	46.0	-20.1	1.50 H	299	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.

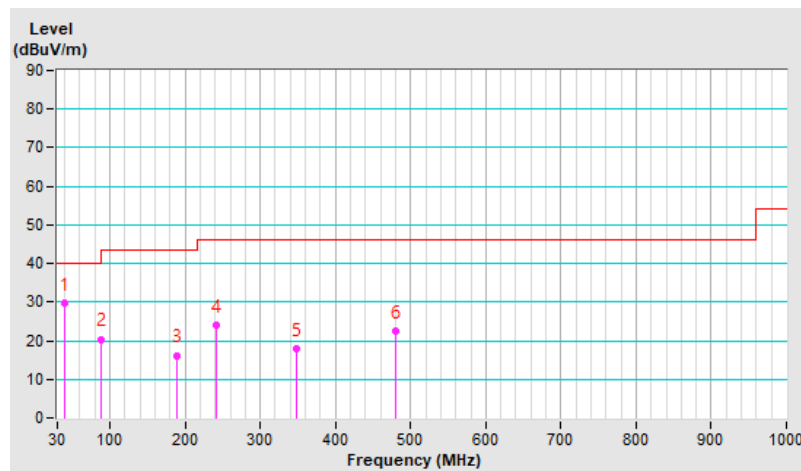


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	20°C, 61% RH
Tested By	Clark Lo		

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	40.19	29.8 QP	40.0	-10.2	1.00 V	125	47.9	-18.1
2	88.93	20.4 QP	43.5	-23.1	1.50 V	71	43.8	-23.4
3	188.99	16.2 QP	43.5	-27.3	1.50 V	133	36.6	-20.4
4	242.15	24.0 QP	46.0	-22.0	2.00 V	352	43.1	-19.1
5	347.59	18.0 QP	46.0	-28.0	1.50 V	228	34.0	-16.0
6	480.01	22.6 QP	46.0	-23.4	1.00 V	293	35.1	-12.5

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.



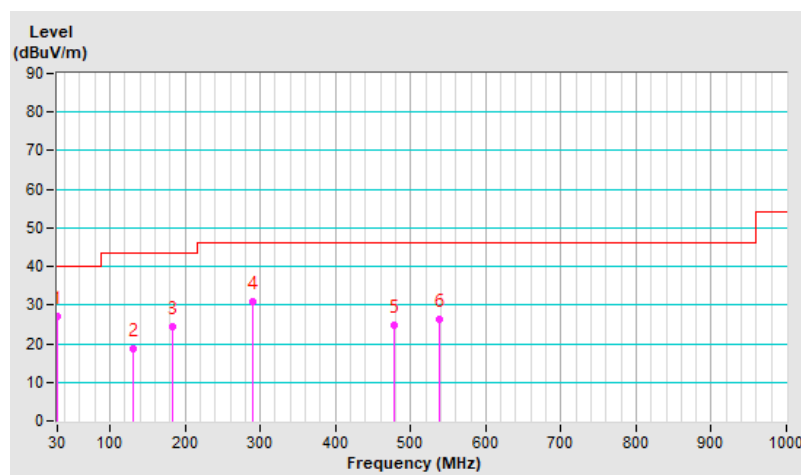
Mode D (USB interface using external antenna)

RF Mode	802.11g	Channel	CH 6 : 2437 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	26.9 QP	40.0	-13.1	1.00 H	290	45.9	-19.0
2	130.89	18.7 QP	43.5	-24.8	1.50 H	284	37.5	-18.8
3	182.88	24.3 QP	43.5	-19.2	1.00 H	1	43.9	-19.6
4	289.97	30.7 QP	46.0	-15.3	1.00 H	178	47.9	-17.2
5	478.36	24.7 QP	46.0	-21.3	2.00 H	269	37.3	-12.6
6	538.06	26.2 QP	46.0	-19.8	1.50 H	291	37.8	-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.

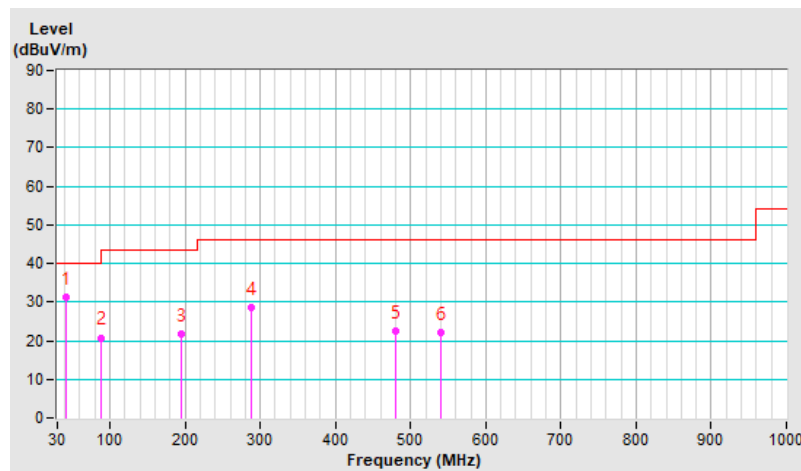


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	20°C, 61% RH
Tested By	Clark Lo		

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	317	49.1	-17.9
2	89.12	20.8 QP	43.5	-22.7	1.50 V	8	44.2	-23.4
3	194.71	21.8 QP	43.5	-21.7	1.50 V	153	42.6	-20.8
4	288.57	28.5 QP	46.0	-17.5	2.00 V	195	45.7	-17.2
5	480.01	22.6 QP	46.0	-23.4	2.00 V	252	35.1	-12.5
6	540.05	22.0 QP	46.0	-24.0	1.50 V	262	33.5	-11.5

Remarks:

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



7.7 Unwanted Emissions above 1 GHz

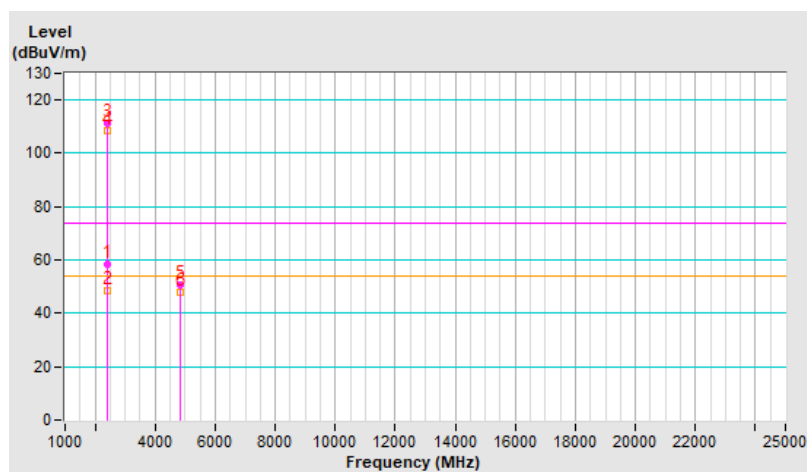
Mode C (USB interface using internal antenna)

RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 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	2390.00	58.3 PK	74.0	-15.7	1.29 H	34	61.1	-2.8
2	2390.00	48.4 AV	54.0	-5.6	1.29 H	34	51.2	-2.8
3	*2412.00	111.1 PK			1.29 H	34	114.0	-2.9
4	*2412.00	108.7 AV			1.29 H	34	111.6	-2.9
5	4824.00	50.7 PK	74.0	-23.3	3.55 H	62	48.3	2.4
6	4824.00	48.1 AV	54.0	-5.9	3.55 H	62	45.7	2.4

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.

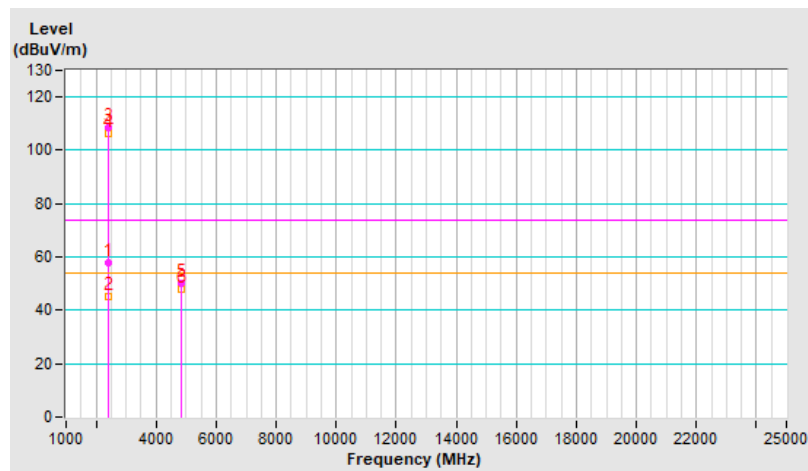


RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	57.7 PK	74.0	-16.3	3.63 V	224	60.5	-2.8
2	2390.00	45.1 AV	54.0	-8.9	3.63 V	224	47.9	-2.8
3	*2412.00	108.4 PK			3.63 V	224	111.3	-2.9
4	*2412.00	106.1 AV			3.63 V	224	109.0	-2.9
5	4824.00	50.2 PK	74.0	-23.8	3.59 V	52	47.8	2.4
6	4824.00	48.1 AV	54.0	-5.9	3.59 V	52	45.7	2.4

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.

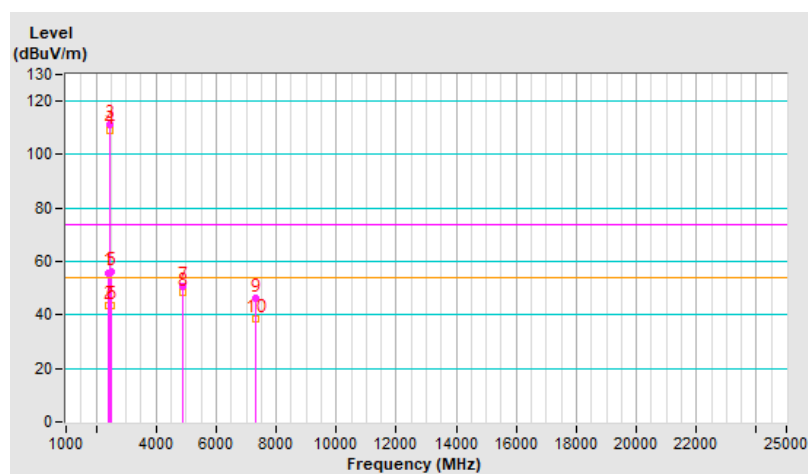


RF Mode	802.11b	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	55.9 PK	74.0	-18.1	1.52 H	42	58.7	-2.8
2	2390.00	43.6 AV	54.0	-10.4	1.52 H	42	46.4	-2.8
3	*2437.00	111.2 PK			1.52 H	42	114.1	-2.9
4	*2437.00	108.8 AV			1.52 H	42	111.7	-2.9
5	2483.50	56.1 PK	74.0	-17.9	1.52 H	42	58.8	-2.7
6	2483.50	43.7 AV	54.0	-10.3	1.52 H	42	46.4	-2.7
7	4874.00	50.8 PK	74.0	-23.2	3.53 H	69	48.6	2.2
8	4874.00	48.4 AV	54.0	-5.6	3.53 H	69	46.2	2.2
9	7311.00	46.5 PK	74.0	-27.5	1.06 H	77	38.8	7.7
10	7311.00	38.3 AV	54.0	-15.7	1.06 H	77	30.6	7.7

Remarks:

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

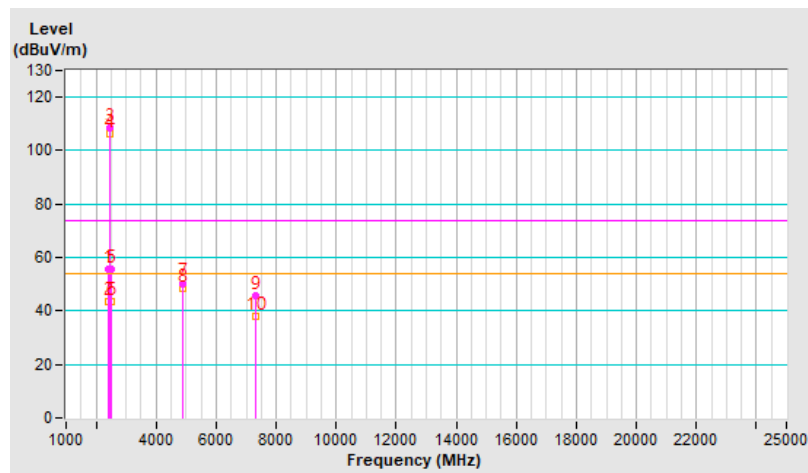


RF Mode	802.11b	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	55.4 PK	74.0	-18.6	3.54 V	221	58.2	-2.8
2	2390.00	43.3 AV	54.0	-10.7	3.54 V	221	46.1	-2.8
3	*2437.00	108.3 PK			3.54 V	221	111.2	-2.9
4	*2437.00	106.3 AV			3.54 V	221	109.2	-2.9
5	2483.50	55.7 PK	74.0	-18.3	3.54 V	221	58.4	-2.7
6	2483.50	43.4 AV	54.0	-10.6	3.54 V	221	46.1	-2.7
7	4874.00	50.4 PK	74.0	-23.6	3.54 V	66	48.2	2.2
8	4874.00	48.3 AV	54.0	-5.7	3.54 V	66	46.1	2.2
9	7311.00	45.9 PK	74.0	-28.1	1.07 V	78	38.2	7.7
10	7311.00	37.9 AV	54.0	-16.1	1.07 V	78	30.2	7.7

Remarks:

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

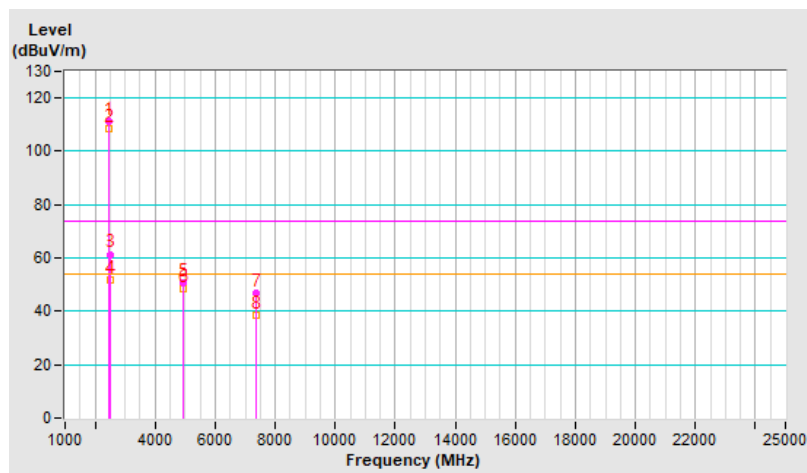


RF Mode	802.11b	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	111.1 PK			1.70 H	37	113.9	-2.8
2	*2462.00	108.6 AV			1.70 H	37	111.4	-2.8
3	2487.50	61.4 PK	74.0	-12.6	1.70 H	37	64.1	-2.7
4	2487.50	52.0 AV	54.0	-2.0	1.70 H	37	54.7	-2.7
5	4924.00	50.9 PK	74.0	-23.1	3.47 H	57	48.6	2.3
6	4924.00	48.3 AV	54.0	-5.7	3.47 H	57	46.0	2.3
7	7386.00	46.6 PK	74.0	-27.4	1.06 H	83	38.7	7.9
8	7386.00	38.3 AV	54.0	-15.7	1.06 H	83	30.4	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

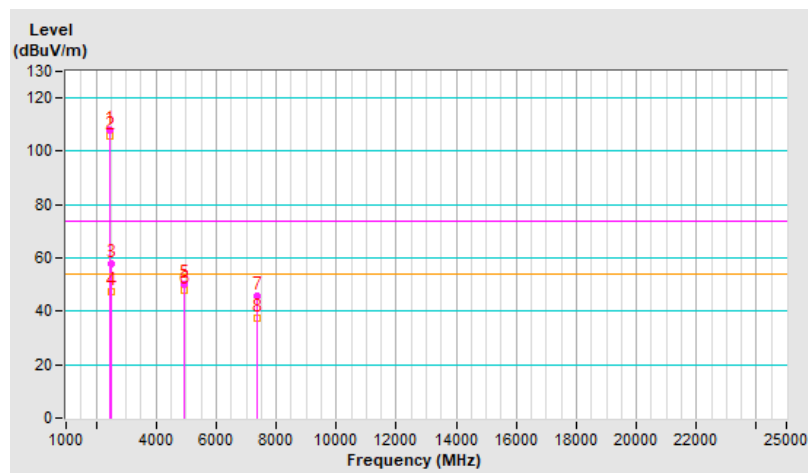


RF Mode	802.11b	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	108.1 PK			3.50 V	232	110.9	-2.8
2	*2462.00	105.7 AV			3.50 V	232	108.5	-2.8
3	2487.50	58.0 PK	74.0	-16.0	3.50 V	232	60.7	-2.7
4	2487.50	47.5 AV	54.0	-6.5	3.50 V	232	50.2	-2.7
5	4924.00	50.3 PK	74.0	-23.7	3.49 V	73	48.0	2.3
6	4924.00	48.0 AV	54.0	-6.0	3.49 V	73	45.7	2.3
7	7386.00	45.9 PK	74.0	-28.1	1.03 V	91	38.0	7.9
8	7386.00	37.5 AV	54.0	-16.5	1.03 V	91	29.6	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

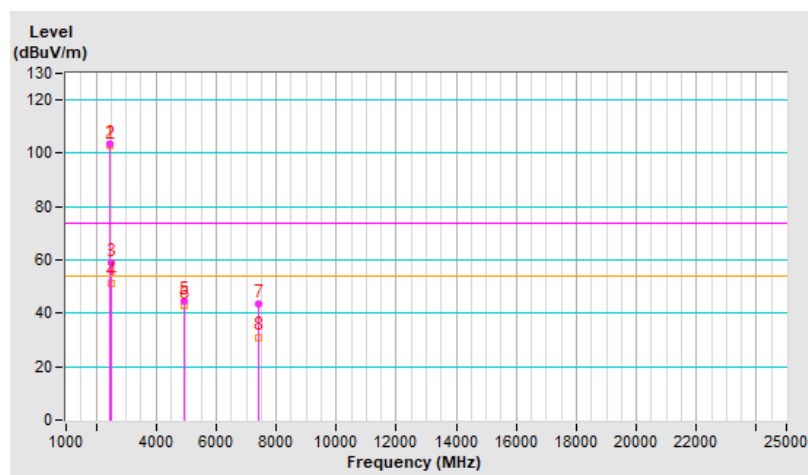


RF Mode	802.11b	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	103.7 PK			1.22 H	37	106.5	-2.8
2	*2467.00	103.1 AV			1.22 H	37	105.9	-2.8
3	2483.50	59.1 PK	74.0	-14.9	1.22 H	37	61.8	-2.7
4	2483.50	51.5 AV	54.0	-2.5	1.22 H	37	54.2	-2.7
5	4934.00	44.7 PK	74.0	-29.3	1.02 H	45	42.4	2.3
6	4934.00	42.8 AV	54.0	-11.2	1.02 H	45	40.5	2.3
7	7401.00	43.6 PK	74.0	-30.4	3.97 H	149	35.7	7.9
8	7401.00	31.1 AV	54.0	-22.9	3.97 H	149	23.2	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

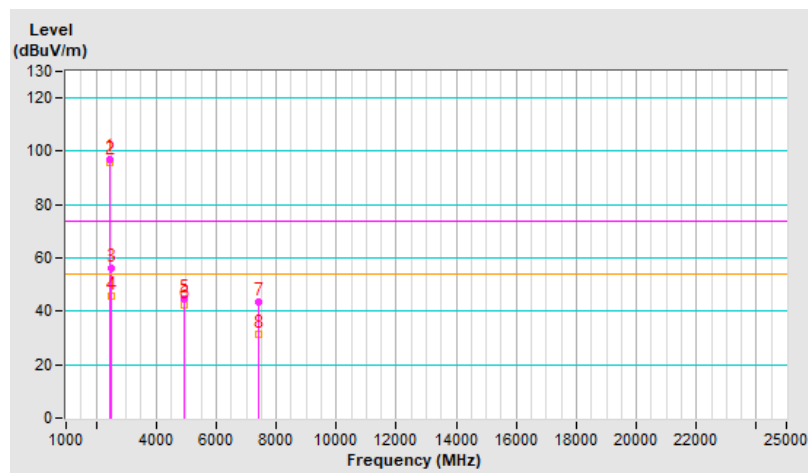


RF Mode	802.11b	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	97.2 PK			1.18 V	103	100.0	-2.8
2	*2467.00	96.1 AV			1.18 V	103	98.9	-2.8
3	2483.50	56.2 PK	74.0	-17.8	1.18 V	103	58.9	-2.7
4	2483.50	45.9 AV	54.0	-8.1	1.18 V	103	48.6	-2.7
5	4934.00	44.8 PK	74.0	-29.2	3.87 V	328	42.5	2.3
6	4934.00	42.2 AV	54.0	-11.8	3.87 V	328	39.9	2.3
7	7401.00	43.5 PK	74.0	-30.5	3.99 V	30	35.6	7.9
8	7401.00	31.5 AV	54.0	-22.5	3.99 V	30	23.6	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

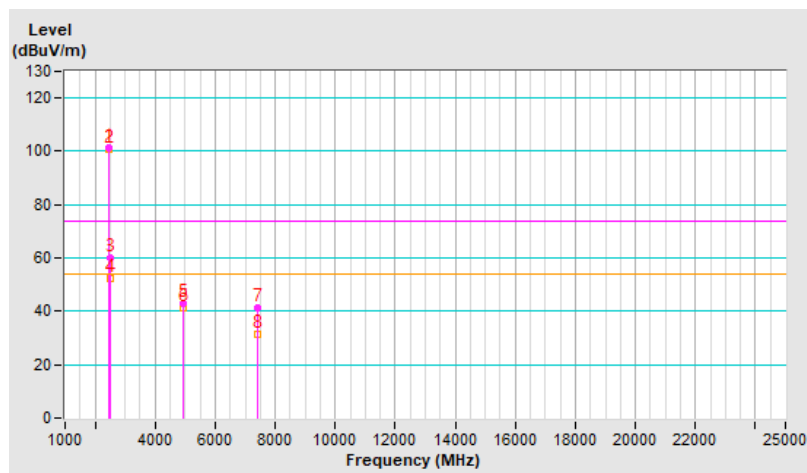


RF Mode	802.11b	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	101.5 PK			1.21 H	38	104.2	-2.7
2	*2472.00	100.8 AV			1.21 H	38	103.5	-2.7
3	2483.50	60.0 PK	74.0	-14.0	1.21 H	38	62.7	-2.7
4	2483.50	52.3 AV	54.0	-1.7	1.21 H	38	55.0	-2.7
5	4944.00	42.8 PK	74.0	-31.2	1.04 H	51	40.5	2.3
6	4944.00	41.2 AV	54.0	-12.8	1.04 H	51	38.9	2.3
7	7416.00	41.3 PK	74.0	-32.7	3.98 H	138	33.5	7.8
8	7416.00	31.2 AV	54.0	-22.8	3.98 H	138	23.4	7.8

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.

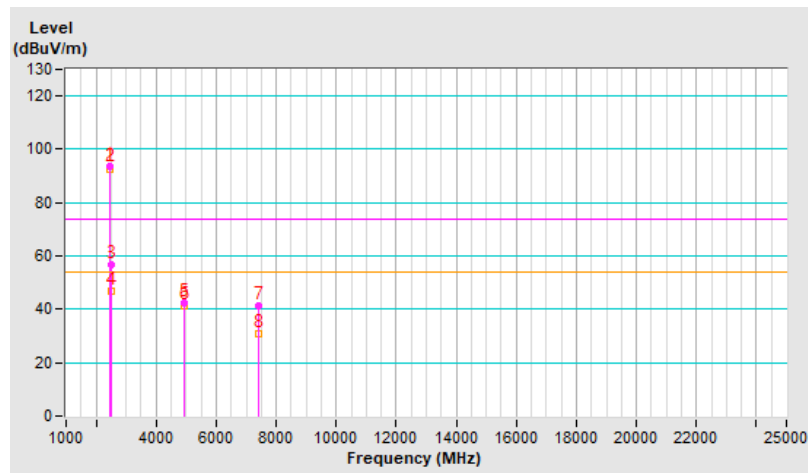


RF Mode	802.11b	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	93.6 PK			1.49 V	102	96.3	-2.7
2	*2472.00	92.8 AV			1.49 V	102	95.5	-2.7
3	2483.50	56.7 PK	74.0	-17.3	1.49 V	102	59.4	-2.7
4	2483.50	46.8 AV	54.0	-7.2	1.49 V	102	49.5	-2.7
5	4944.00	42.6 PK	74.0	-31.4	3.85 V	313	40.3	2.3
6	4944.00	41.1 AV	54.0	-12.9	3.85 V	313	38.8	2.3
7	7416.00	41.5 PK	74.0	-32.5	3.79 V	19	33.7	7.8
8	7416.00	30.8 AV	54.0	-23.2	3.79 V	19	23.0	7.8

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.

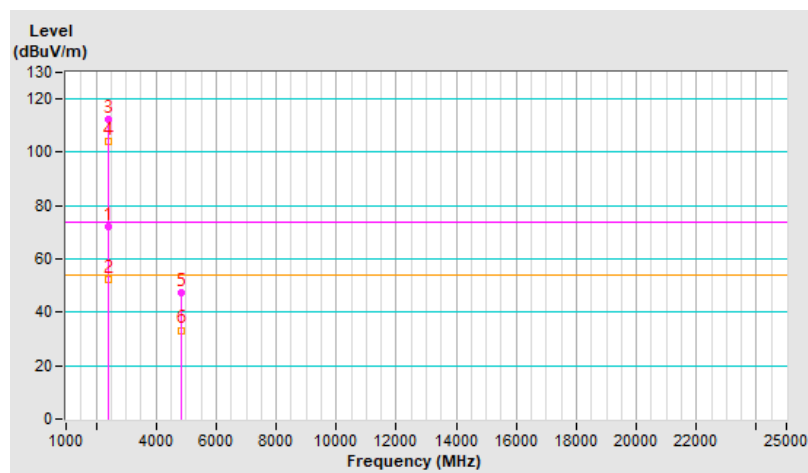


RF Mode	802.11g	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	72.1 PK	74.0	-1.9	1.10 H	41	74.9	-2.8
2	2390.00	52.2 AV	54.0	-1.8	1.10 H	41	55.0	-2.8
3	*2412.00	112.5 PK			1.10 H	41	115.4	-2.9
4	*2412.00	104.1 AV			1.10 H	41	107.0	-2.9
5	4824.00	47.2 PK	74.0	-26.8	1.05 H	53	44.8	2.4
6	4824.00	33.3 AV	54.0	-20.7	1.05 H	53	30.9	2.4

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.

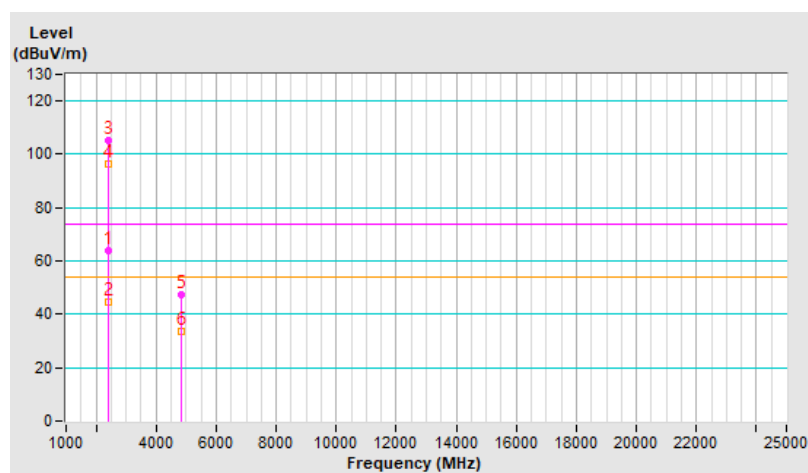


RF Mode	802.11g	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	63.7 PK	74.0	-10.3	1.77 V	119	66.5	-2.8
2	2390.00	44.6 AV	54.0	-9.4	1.77 V	119	47.4	-2.8
3	*2412.00	105.2 PK			1.77 V	119	108.1	-2.9
4	*2412.00	96.3 AV			1.77 V	119	99.2	-2.9
5	4824.00	47.3 PK	74.0	-26.7	3.98 V	322	44.9	2.4
6	4824.00	33.4 AV	54.0	-20.6	3.98 V	322	31.0	2.4

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.

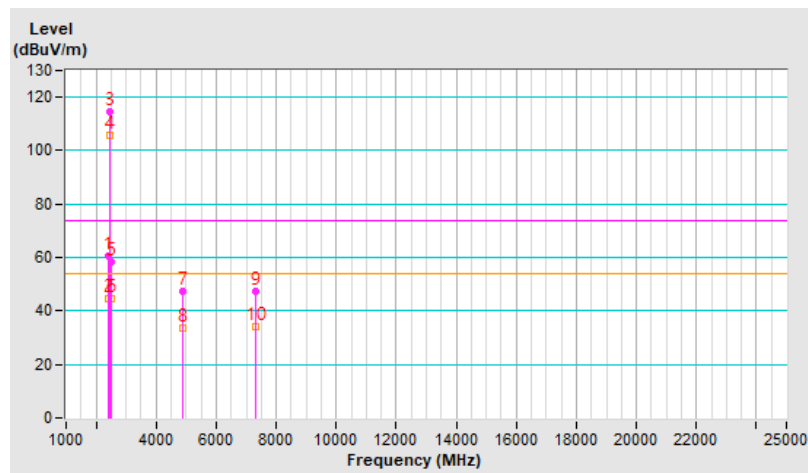


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	60.5 PK	74.0	-13.5	1.52 H	42	63.3	-2.8
2	2390.00	44.7 AV	54.0	-9.3	1.52 H	42	47.5	-2.8
3	*2437.00	114.4 PK			1.52 H	42	117.3	-2.9
4	*2437.00	105.5 AV			1.52 H	42	108.4	-2.9
5	2483.50	58.5 PK	74.0	-15.5	1.52 H	42	61.2	-2.7
6	2483.50	44.6 AV	54.0	-9.4	1.52 H	42	47.3	-2.7
7	4874.00	47.5 PK	74.0	-26.5	1.02 H	56	45.3	2.2
8	4874.00	33.6 AV	54.0	-20.4	1.02 H	56	31.4	2.2
9	7311.00	47.6 PK	74.0	-26.4	1.11 H	125	39.9	7.7
10	7311.00	34.2 AV	54.0	-19.8	1.11 H	125	26.5	7.7

Remarks:

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

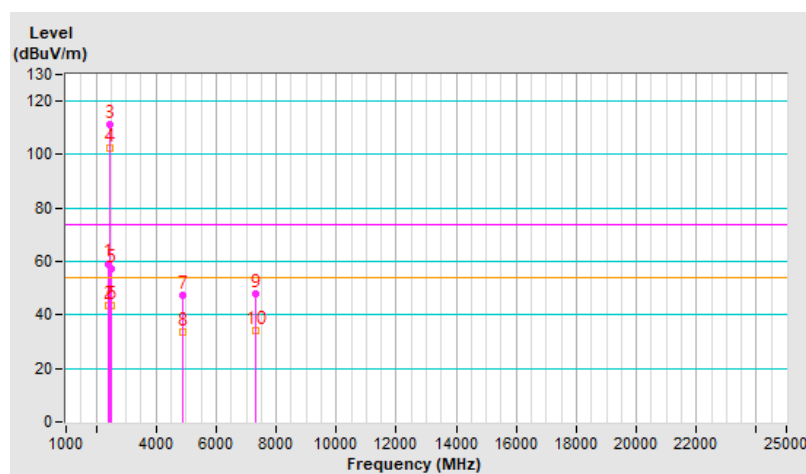


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	59.2 PK	74.0	-14.8	1.89 V	121	62.0	-2.8
2	2390.00	43.5 AV	54.0	-10.5	1.89 V	121	46.3	-2.8
3	*2437.00	111.3 PK			1.89 V	121	114.2	-2.9
4	*2437.00	102.4 AV			1.89 V	121	105.3	-2.9
5	2483.50	57.3 PK	74.0	-16.7	1.89 V	121	60.0	-2.7
6	2483.50	43.3 AV	54.0	-10.7	1.89 V	121	46.0	-2.7
7	4874.00	47.5 PK	74.0	-26.5	4.00 V	325	45.3	2.2
8	4874.00	33.4 AV	54.0	-20.6	4.00 V	325	31.2	2.2
9	7311.00	47.7 PK	74.0	-26.3	3.88 V	52	40.0	7.7
10	7311.00	34.1 AV	54.0	-19.9	3.88 V	52	26.4	7.7

Remarks:

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

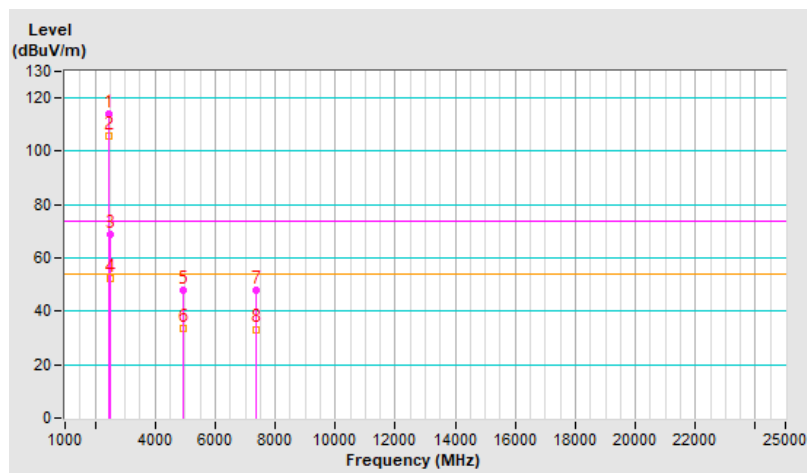


RF Mode	802.11g	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	113.8 PK			1.71 H	40	116.6	-2.8
2	*2462.00	105.6 AV			1.71 H	40	108.4	-2.8
3	2483.50	68.6 PK	74.0	-5.4	1.71 H	40	71.3	-2.7
4	2483.50	52.2 AV	54.0	-1.8	1.71 H	40	54.9	-2.7
5	4924.00	47.7 PK	74.0	-26.3	1.21 H	52	45.4	2.3
6	4924.00	33.6 AV	54.0	-20.4	1.21 H	52	31.3	2.3
7	7386.00	47.8 PK	74.0	-26.2	1.00 H	124	39.9	7.9
8	7386.00	33.3 AV	54.0	-20.7	1.00 H	124	25.4	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

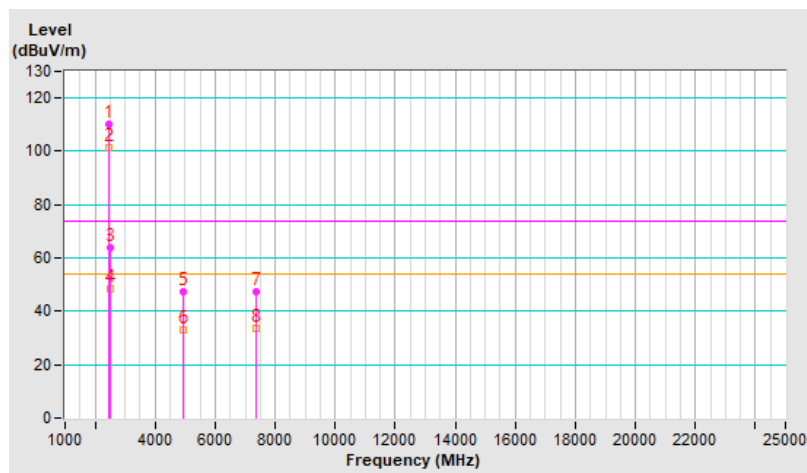


RF Mode	802.11g	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	110.1 PK			3.50 V	230	112.9	-2.8
2	*2462.00	101.1 AV			3.50 V	230	103.9	-2.8
3	2483.50	64.1 PK	74.0	-9.9	3.50 V	230	66.8	-2.7
4	2483.50	48.5 AV	54.0	-5.5	3.50 V	230	51.2	-2.7
5	4924.00	47.3 PK	74.0	-26.7	3.85 V	321	45.0	2.3
6	4924.00	33.2 AV	54.0	-20.8	3.85 V	321	30.9	2.3
7	7386.00	47.2 PK	74.0	-26.8	3.78 V	33	39.3	7.9
8	7386.00	33.6 AV	54.0	-20.4	3.78 V	33	25.7	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

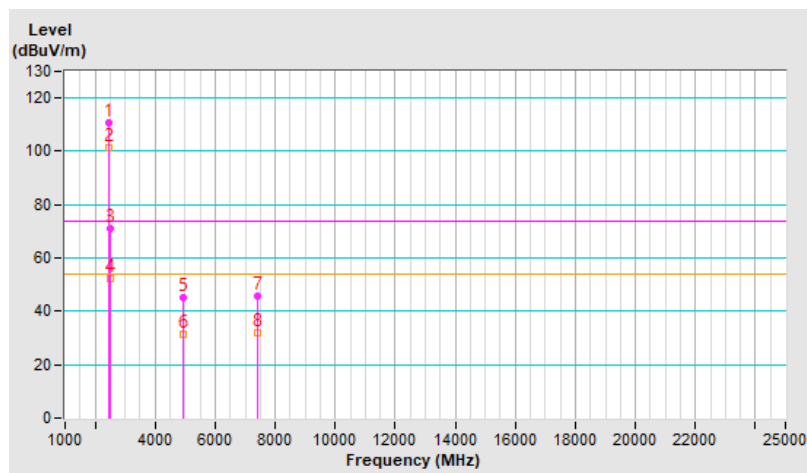


RF Mode	802.11g	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	110.5 PK			1.24 H	37	113.3	-2.8
2	*2467.00	101.5 AV			1.24 H	37	104.3	-2.8
3	2483.50	70.9 PK	74.0	-3.1	1.24 H	37	73.6	-2.7
4	2483.50	52.1 AV	54.0	-1.9	1.24 H	37	54.8	-2.7
5	4934.00	44.9 PK	74.0	-29.1	1.08 H	52	42.6	2.3
6	4934.00	31.5 AV	54.0	-22.5	1.08 H	52	29.2	2.3
7	7401.00	45.6 PK	74.0	-28.4	1.00 H	145	37.7	7.9
8	7401.00	31.7 AV	54.0	-22.3	1.00 H	145	23.8	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

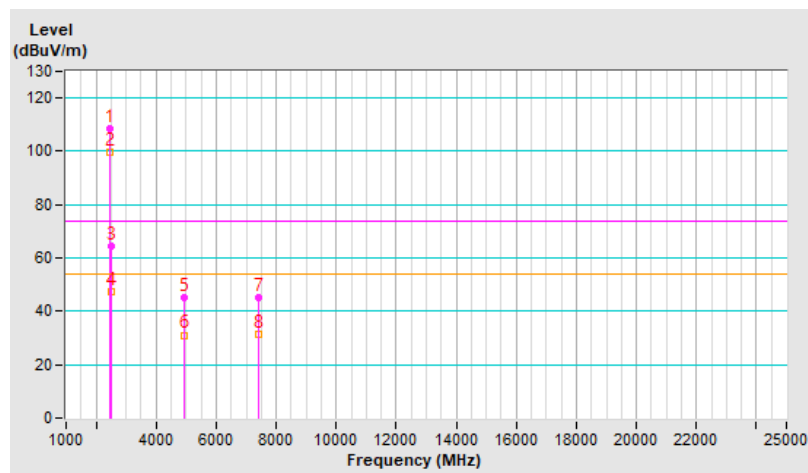


RF Mode	802.11g	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	108.4 PK			3.97 V	224	111.2	-2.8
2	*2467.00	99.5 AV			3.97 V	224	102.3	-2.8
3	2483.50	64.5 PK	74.0	-9.5	3.97 V	224	67.2	-2.7
4	2483.50	47.2 AV	54.0	-6.8	3.97 V	224	49.9	-2.7
5	4934.00	45.1 PK	74.0	-28.9	4.00 V	322	42.8	2.3
6	4934.00	31.1 AV	54.0	-22.9	4.00 V	322	28.8	2.3
7	7401.00	45.4 PK	74.0	-28.6	3.97 V	18	37.5	7.9
8	7401.00	31.6 AV	54.0	-22.4	3.97 V	18	23.7	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

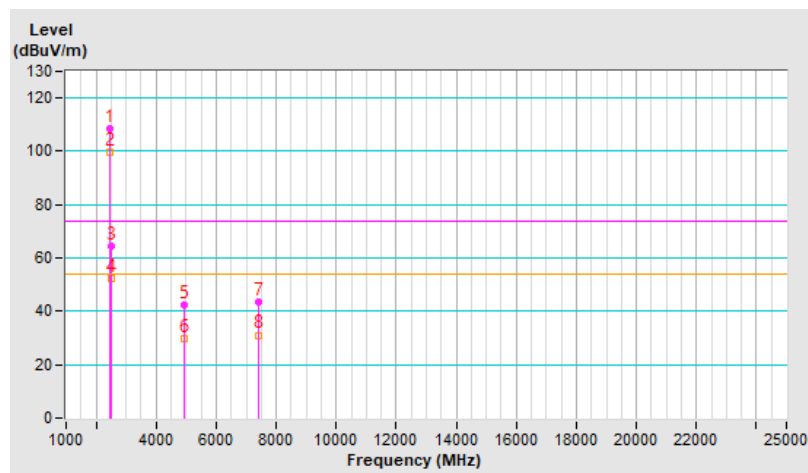


RF Mode	802.11g	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	108.5 PK			1.22 H	38	111.2	-2.7
2	*2472.00	99.6 AV			1.22 H	38	102.3	-2.7
3	2483.50	64.4 PK	74.0	-9.6	1.22 H	38	67.1	-2.7
4	2483.50	52.2 AV	54.0	-1.8	1.22 H	38	54.9	-2.7
5	4944.00	42.6 PK	74.0	-31.4	1.00 H	50	40.3	2.3
6	4944.00	29.8 AV	54.0	-24.2	1.00 H	50	27.5	2.3
7	7416.00	43.3 PK	74.0	-30.7	2.56 H	123	35.5	7.8
8	7416.00	31.1 AV	54.0	-22.9	2.56 H	123	23.3	7.8

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.

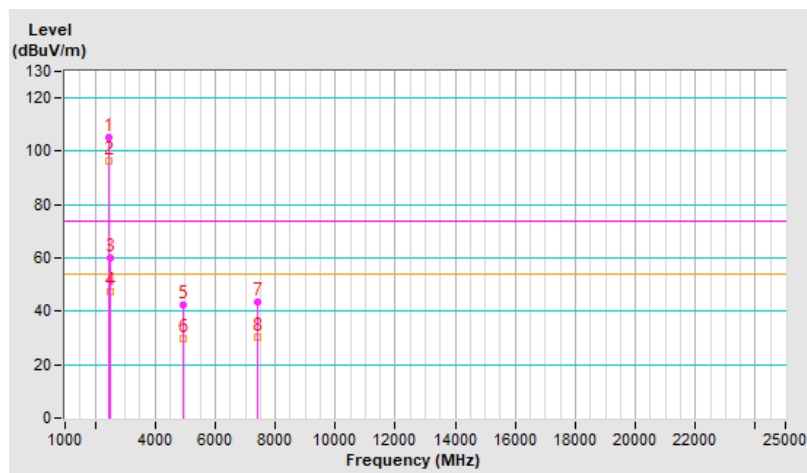


RF Mode	802.11g	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	105.3 PK			3.96 V	225	108.0	-2.7
2	*2472.00	96.3 AV			3.96 V	225	99.0	-2.7
3	2483.50	59.8 PK	74.0	-14.2	3.96 V	225	62.5	-2.7
4	2483.50	47.3 AV	54.0	-6.7	3.96 V	225	50.0	-2.7
5	4944.00	42.6 PK	74.0	-31.4	4.00 V	327	40.3	2.3
6	4944.00	29.7 AV	54.0	-24.3	4.00 V	327	27.4	2.3
7	7416.00	43.4 PK	74.0	-30.6	3.92 V	20	35.6	7.8
8	7416.00	30.4 AV	54.0	-23.6	3.92 V	20	22.6	7.8

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.

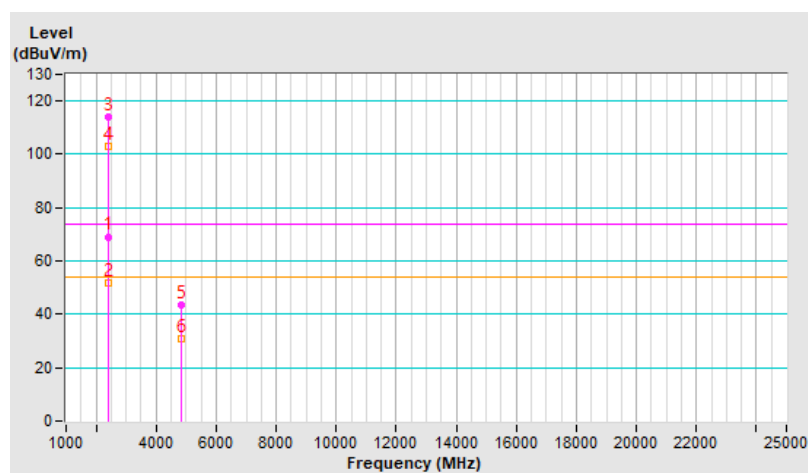


RF Mode	VHT20	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	69.1 PK	74.0	-4.9	1.23 H	49	71.9	-2.8
2	2390.00	51.9 AV	54.0	-2.1	1.23 H	49	54.7	-2.8
3	*2412.00	113.9 PK			1.23 H	49	116.8	-2.9
4	*2412.00	102.9 AV			1.23 H	49	105.8	-2.9
5	4824.00	43.5 PK	74.0	-30.5	1.00 H	45	41.1	2.4
6	4824.00	30.9 AV	54.0	-23.1	1.00 H	45	28.5	2.4

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.

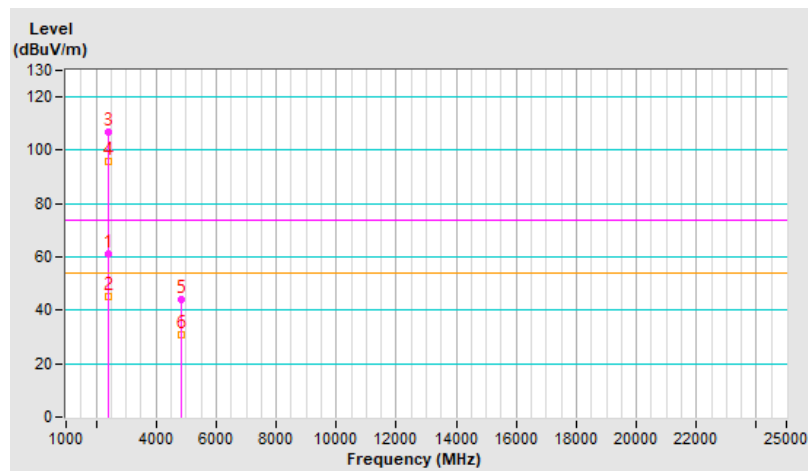


RF Mode	VHT20	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	61.1 PK	74.0	-12.9	1.70 V	129	63.9	-2.8
2	2390.00	44.9 AV	54.0	-9.1	1.70 V	129	47.7	-2.8
3	*2412.00	106.9 PK			1.70 V	129	109.8	-2.9
4	*2412.00	95.9 AV			1.70 V	129	98.8	-2.9
5	4824.00	43.8 PK	74.0	-30.2	3.83 V	331	41.4	2.4
6	4824.00	30.8 AV	54.0	-23.2	3.83 V	331	28.4	2.4

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.

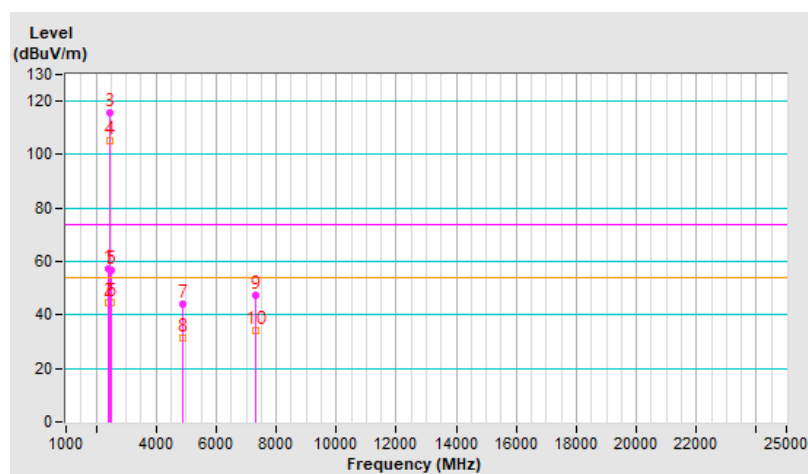


RF Mode	VHT20	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	57.4 PK	74.0	-16.6	1.59 H	34	60.2	-2.8
2	2390.00	44.5 AV	54.0	-9.5	1.59 H	34	47.3	-2.8
3	*2437.00	115.9 PK			1.59 H	34	118.8	-2.9
4	*2437.00	105.0 AV			1.59 H	34	107.9	-2.9
5	2483.50	56.7 PK	74.0	-17.3	1.59 H	34	59.4	-2.7
6	2483.50	44.4 AV	54.0	-9.6	1.59 H	34	47.1	-2.7
7	4874.00	44.3 PK	74.0	-29.7	1.06 H	45	42.1	2.2
8	4874.00	31.4 AV	54.0	-22.6	1.06 H	45	29.2	2.2
9	7311.00	47.3 PK	74.0	-26.7	4.00 H	154	39.6	7.7
10	7311.00	34.3 AV	54.0	-19.7	4.00 H	154	26.6	7.7

Remarks:

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

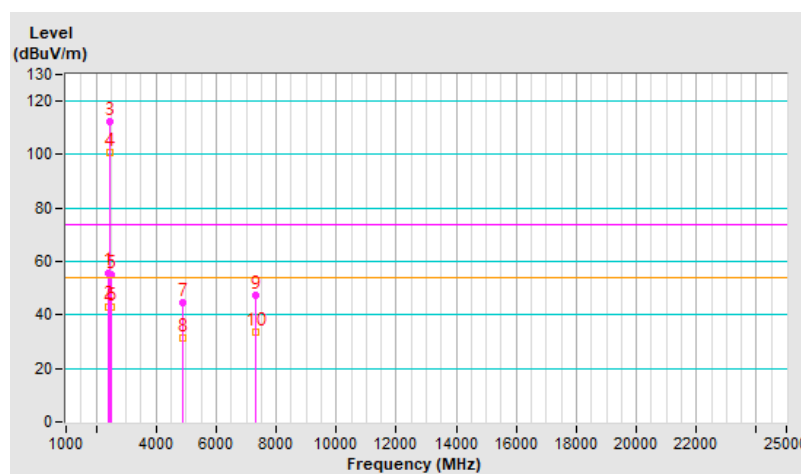


RF Mode	VHT20	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	55.9 PK	74.0	-18.1	1.90 V	127	58.7	-2.8
2	2390.00	43.2 AV	54.0	-10.8	1.90 V	127	46.0	-2.8
3	*2437.00	112.2 PK			1.90 V	127	115.1	-2.9
4	*2437.00	100.9 AV			1.90 V	127	103.8	-2.9
5	2483.50	55.1 PK	74.0	-18.9	1.90 V	127	57.8	-2.7
6	2483.50	42.8 AV	54.0	-11.2	1.90 V	127	45.5	-2.7
7	4874.00	44.6 PK	74.0	-29.4	4.00 V	311	42.4	2.2
8	4874.00	31.6 AV	54.0	-22.4	4.00 V	311	29.4	2.2
9	7311.00	47.1 PK	74.0	-26.9	4.00 V	36	39.4	7.7
10	7311.00	33.4 AV	54.0	-20.6	4.00 V	36	25.7	7.7

Remarks:

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

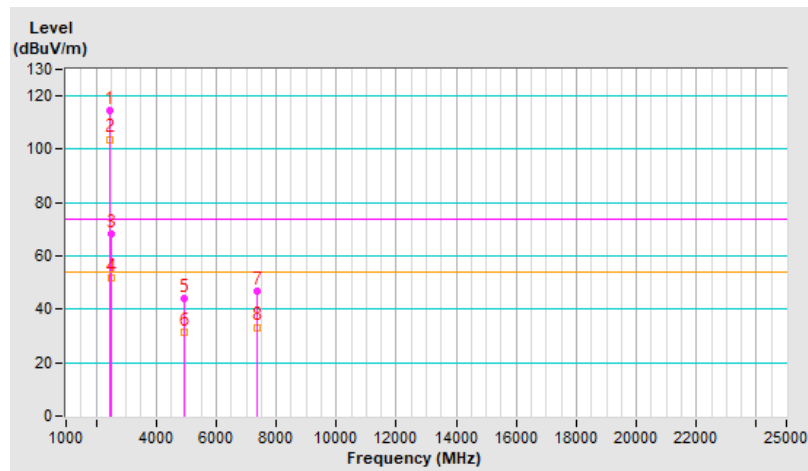


RF Mode	VHT20	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	114.8 PK			1.66 H	48	117.6	-2.8
2	*2462.00	103.8 AV			1.66 H	48	106.6	-2.8
3	2483.50	68.4 PK	74.0	-5.6	1.66 H	48	71.1	-2.7
4	2483.50	51.9 AV	54.0	-2.1	1.66 H	48	54.6	-2.7
5	4924.00	43.8 PK	74.0	-30.2	1.00 H	68	41.5	2.3
6	4924.00	31.2 AV	54.0	-22.8	1.00 H	68	28.9	2.3
7	7386.00	46.6 PK	74.0	-27.4	4.00 H	138	38.7	7.9
8	7386.00	33.3 AV	54.0	-20.7	4.00 H	138	25.4	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

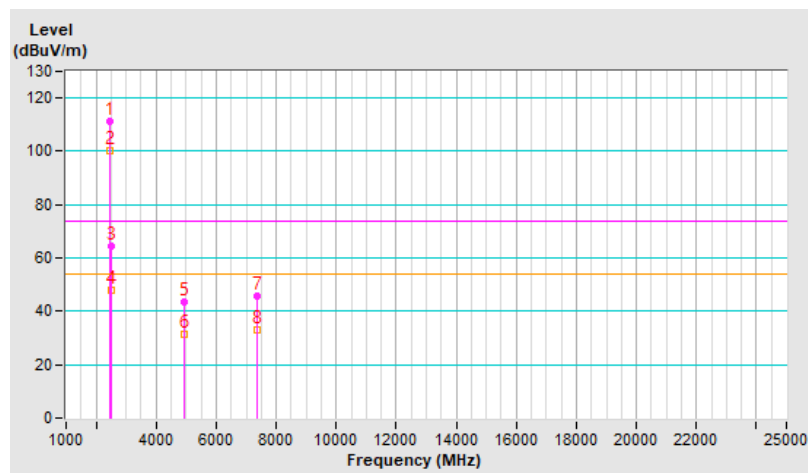


RF Mode	VHT20	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	111.3 PK			3.02 V	267	114.1	-2.8
2	*2462.00	100.3 AV			3.02 V	267	103.1	-2.8
3	2483.50	64.4 PK	74.0	-9.6	3.02 V	267	67.1	-2.7
4	2483.50	48.1 AV	54.0	-5.9	3.02 V	267	50.8	-2.7
5	4924.00	43.5 PK	74.0	-30.5	3.91 V	338	41.2	2.3
6	4924.00	31.2 AV	54.0	-22.8	3.91 V	338	28.9	2.3
7	7386.00	45.9 PK	74.0	-28.1	4.00 V	32	38.0	7.9
8	7386.00	33.0 AV	54.0	-21.0	4.00 V	32	25.1	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

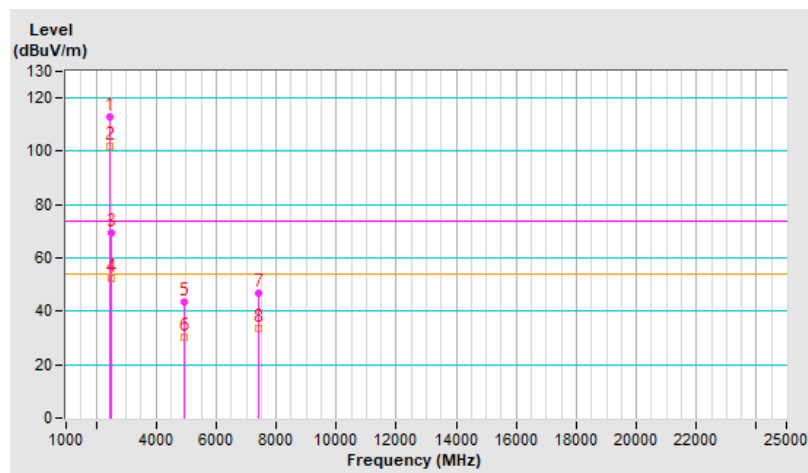


RF Mode	VHT20	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	113.1 PK			1.25 H	42	115.9	-2.8
2	*2467.00	101.9 AV			1.25 H	42	104.7	-2.8
3	2483.50	69.6 PK	74.0	-4.4	1.25 H	42	72.3	-2.7
4	2483.50	52.4 AV	54.0	-1.6	1.25 H	42	55.1	-2.7
5	4934.00	43.3 PK	74.0	-30.7	1.11 H	54	41.0	2.3
6	4934.00	30.4 AV	54.0	-23.6	1.11 H	54	28.1	2.3
7	7401.00	46.8 PK	74.0	-27.2	3.87 H	158	38.9	7.9
8	7401.00	33.4 AV	54.0	-20.6	3.87 H	158	25.5	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

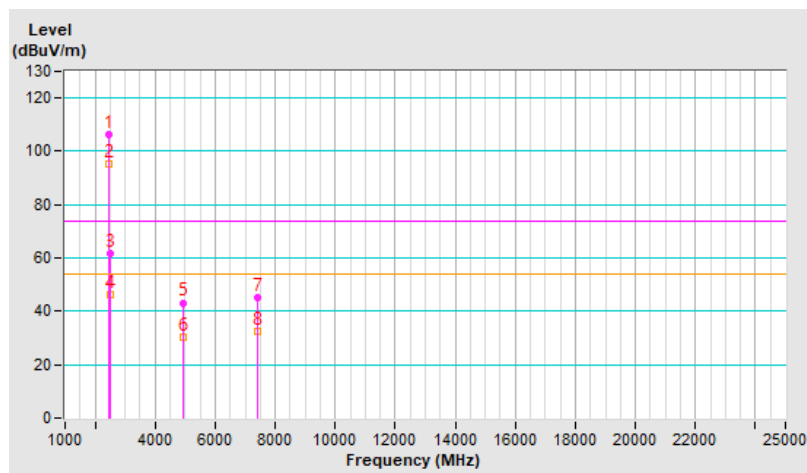


RF Mode	VHT20	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	106.4 PK			1.11 V	105	109.2	-2.8
2	*2467.00	95.2 AV			1.11 V	105	98.0	-2.8
3	2483.50	61.8 PK	74.0	-12.2	1.11 V	105	64.5	-2.7
4	2483.50	46.4 AV	54.0	-7.6	1.11 V	105	49.1	-2.7
5	4934.00	43.2 PK	74.0	-30.8	3.87 V	356	40.9	2.3
6	4934.00	30.1 AV	54.0	-23.9	3.87 V	356	27.8	2.3
7	7401.00	45.4 PK	74.0	-28.6	3.99 V	45	37.5	7.9
8	7401.00	32.4 AV	54.0	-21.6	3.99 V	45	24.5	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

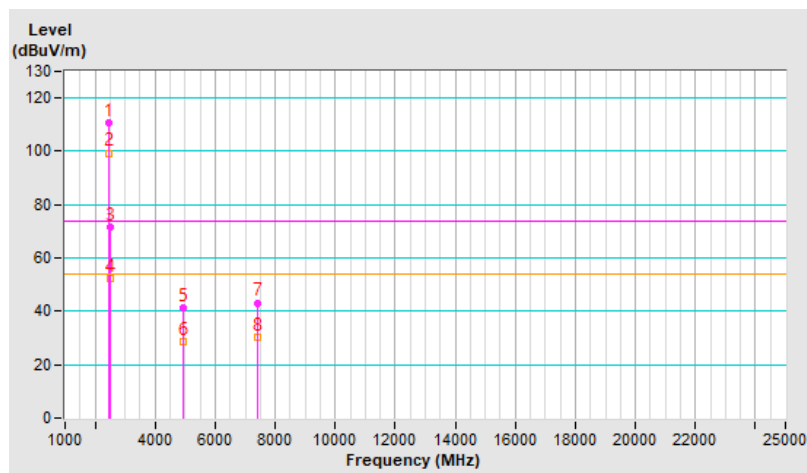


RF Mode	VHT20	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	110.6 PK			1.23 H	38	113.3	-2.7
2	*2472.00	99.4 AV			1.23 H	38	102.1	-2.7
3	2483.50	71.5 PK	74.0	-2.5	1.23 H	38	74.2	-2.7
4	2483.50	52.4 AV	54.0	-1.6	1.23 H	38	55.1	-2.7
5	4944.00	41.2 PK	74.0	-32.8	1.00 H	45	38.9	2.3
6	4944.00	28.4 AV	54.0	-25.6	1.00 H	45	26.1	2.3
7	7416.00	43.2 PK	74.0	-30.8	3.84 H	152	35.4	7.8
8	7416.00	30.5 AV	54.0	-23.5	3.84 H	152	22.7	7.8

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.

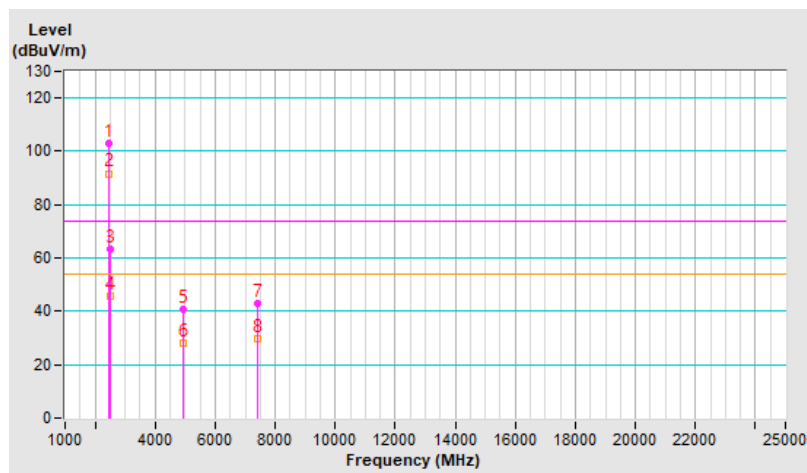


RF Mode	VHT20	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	103.1 PK			1.21 V	98	105.8	-2.7
2	*2472.00	91.7 AV			1.21 V	98	94.4	-2.7
3	2483.50	63.5 PK	74.0	-10.5	1.21 V	98	66.2	-2.7
4	2483.50	45.7 AV	54.0	-8.3	1.21 V	98	48.4	-2.7
5	4944.00	40.8 PK	74.0	-33.2	3.87 V	333	38.5	2.3
6	4944.00	28.0 AV	54.0	-26.0	3.87 V	333	25.7	2.3
7	7416.00	43.1 PK	74.0	-30.9	3.77 V	25	35.3	7.8
8	7416.00	29.7 AV	54.0	-24.3	3.77 V	25	21.9	7.8

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.

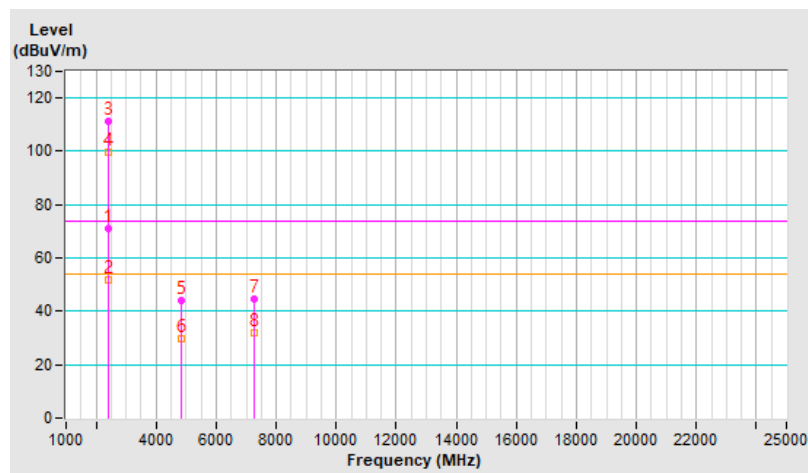


RF Mode	VHT40	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	70.8 PK	74.0	-3.2	1.25 H	56	73.6	-2.8
2	2390.00	51.7 AV	54.0	-2.3	1.25 H	56	54.5	-2.8
3	*2422.00	111.5 PK			1.25 H	56	114.4	-2.9
4	*2422.00	99.7 AV			1.25 H	56	102.6	-2.9
5	4844.00	44.2 PK	74.0	-29.8	3.78 H	98	41.9	2.3
6	4844.00	29.5 AV	54.0	-24.5	3.78 H	98	27.2	2.3
7	7266.00	44.8 PK	74.0	-29.2	1.21 H	125	37.2	7.6
8	7266.00	31.9 AV	54.0	-22.1	1.21 H	125	24.3	7.6

Remarks:

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

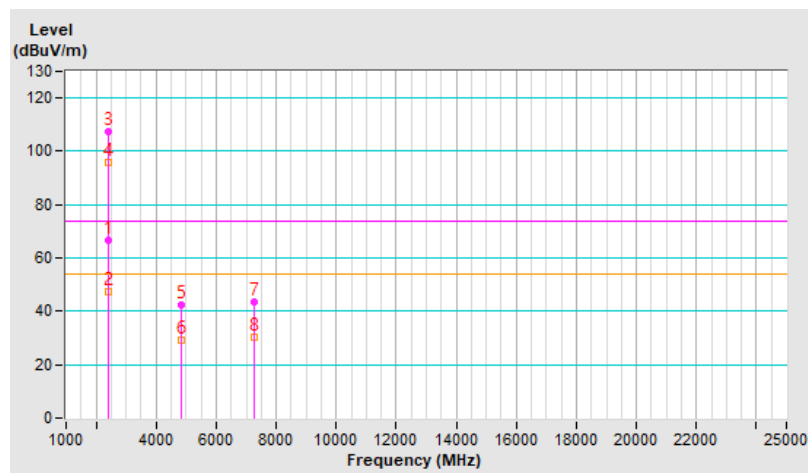


RF Mode	VHT40	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	66.4 PK	74.0	-7.6	1.22 V	112	69.2	-2.8
2	2390.00	47.1 AV	54.0	-6.9	1.22 V	112	49.9	-2.8
3	*2422.00	107.3 PK			1.22 V	112	110.2	-2.9
4	*2422.00	95.8 AV			1.22 V	112	98.7	-2.9
5	4844.00	42.2 PK	74.0	-31.8	3.99 V	320	39.9	2.3
6	4844.00	29.1 AV	54.0	-24.9	3.99 V	320	26.8	2.3
7	7266.00	43.5 PK	74.0	-30.5	1.21 V	135	35.9	7.6
8	7266.00	30.5 AV	54.0	-23.5	1.21 V	135	22.9	7.6

Remarks:

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

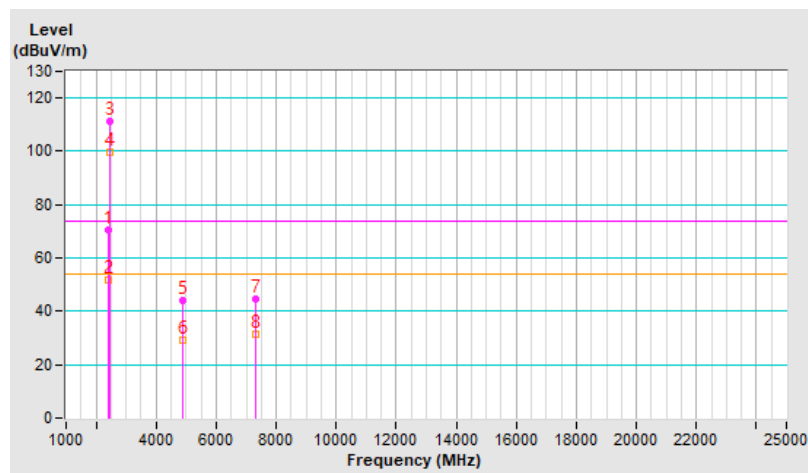


RF Mode	VHT40	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	70.4 PK	74.0	-3.6	1.21 H	87	73.2	-2.8
2	2390.00	51.6 AV	54.0	-2.4	1.21 H	87	54.4	-2.8
3	*2437.00	111.2 PK			1.21 H	87	114.1	-2.9
4	*2437.00	99.5 AV			1.21 H	87	102.4	-2.9
5	4874.00	44.2 PK	74.0	-29.8	4.00 H	87	42.0	2.2
6	4874.00	29.3 AV	54.0	-24.7	4.00 H	87	27.1	2.2
7	7311.00	44.5 PK	74.0	-29.5	1.03 H	154	36.8	7.7
8	7311.00	31.5 AV	54.0	-22.5	1.03 H	154	23.8	7.7

Remarks:

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

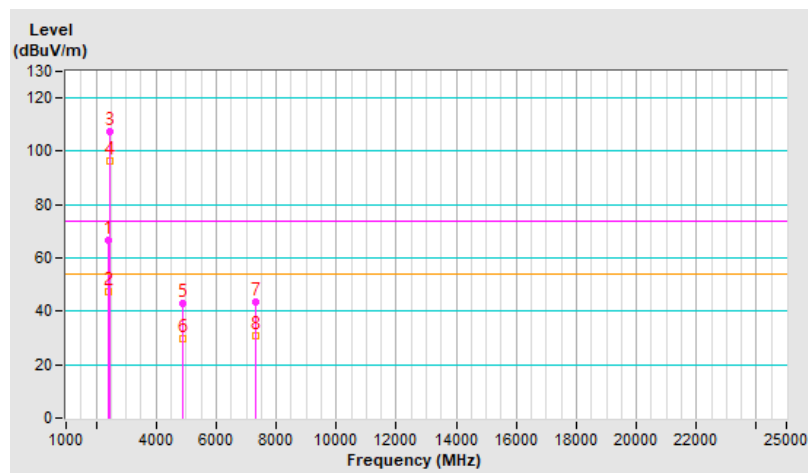


RF Mode	VHT40	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	66.5 PK	74.0	-7.5	1.21 V	98	69.3	-2.8
2	2390.00	47.6 AV	54.0	-6.4	1.21 V	98	50.4	-2.8
3	*2437.00	107.3 PK			1.21 V	98	110.2	-2.9
4	*2437.00	96.2 AV			1.21 V	98	99.1	-2.9
5	4874.00	42.8 PK	74.0	-31.2	4.00 V	316	40.6	2.2
6	4874.00	29.5 AV	54.0	-24.5	4.00 V	316	27.3	2.2
7	7311.00	43.7 PK	74.0	-30.3	1.07 V	106	36.0	7.7
8	7311.00	30.9 AV	54.0	-23.1	1.07 V	106	23.2	7.7

Remarks:

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

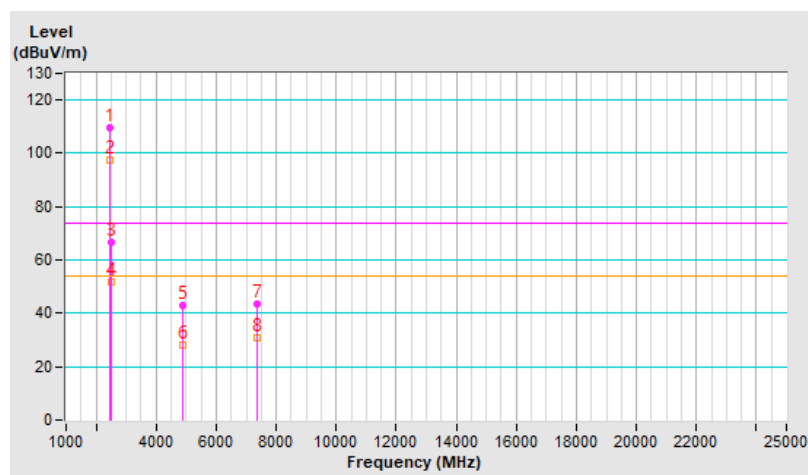


RF Mode	VHT40	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2452.00	109.4 PK			1.21 H	54	112.1	-2.7
2	*2452.00	97.5 AV			1.21 H	54	100.2	-2.7
3	2483.50	66.4 PK	74.0	-7.6	1.21 H	54	69.1	-2.7
4	2483.50	51.8 AV	54.0	-2.2	1.21 H	54	54.5	-2.7
5	4904.00	43.1 PK	74.0	-30.9	3.88 H	87	40.9	2.2
6	4904.00	28.3 AV	54.0	-25.7	3.88 H	87	26.1	2.2
7	7356.00	43.4 PK	74.0	-30.6	1.21 H	154	35.5	7.9
8	7356.00	30.8 AV	54.0	-23.2	1.21 H	154	22.9	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

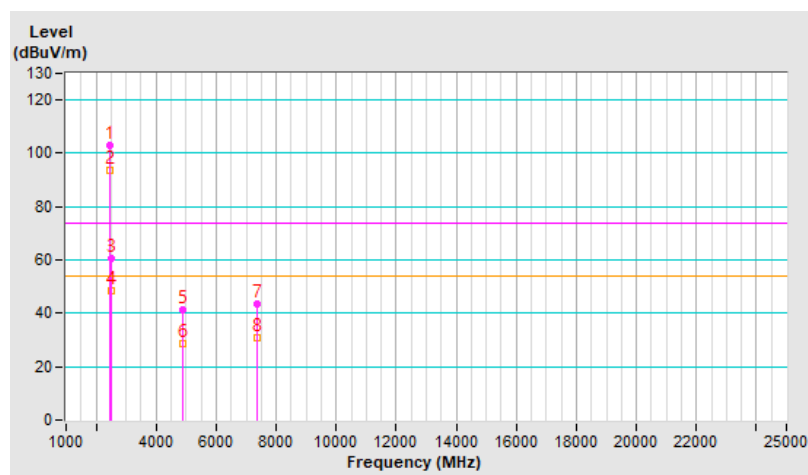


RF Mode	VHT40	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2452.00	103.1 PK			1.12 V	87	105.8	-2.7
2	*2452.00	93.4 AV			1.12 V	87	96.1	-2.7
3	2483.50	60.6 PK	74.0	-13.4	1.12 V	87	63.3	-2.7
4	2483.50	48.2 AV	54.0	-5.8	1.12 V	87	50.9	-2.7
5	4904.00	41.1 PK	74.0	-32.9	3.78 V	322	38.9	2.2
6	4904.00	28.4 AV	54.0	-25.6	3.78 V	322	26.2	2.2
7	7356.00	43.3 PK	74.0	-30.7	1.21 V	105	35.4	7.9
8	7356.00	30.6 AV	54.0	-23.4	1.21 V	105	22.7	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

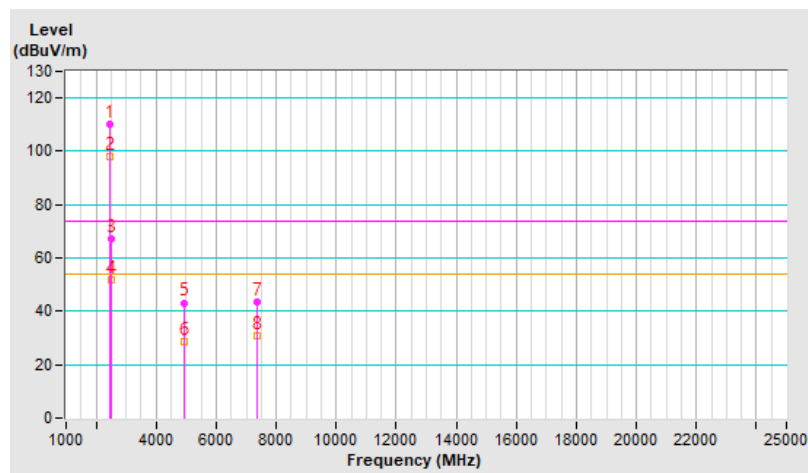


RF Mode	VHT40	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2457.00	109.9 PK			1.21 H	42	112.6	-2.7
2	*2457.00	97.8 AV			1.21 H	42	100.5	-2.7
3	2483.50	67.1 PK	74.0	-6.9	1.21 H	42	69.8	-2.7
4	2483.50	51.9 AV	54.0	-2.1	1.21 H	42	54.6	-2.7
5	4914.00	43.2 PK	74.0	-30.8	3.99 H	87	41.0	2.2
6	4914.00	28.4 AV	54.0	-25.6	3.99 H	87	26.2	2.2
7	7371.00	43.3 PK	74.0	-30.7	1.25 H	164	35.4	7.9
8	7371.00	30.6 AV	54.0	-23.4	1.25 H	164	22.7	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

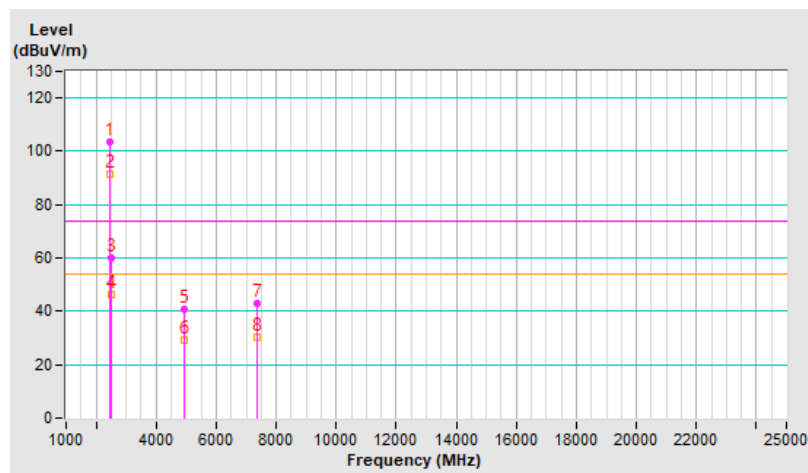


RF Mode	VHT40	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2457.00	103.5 PK			1.04 V	97	106.2	-2.7
2	*2457.00	91.4 AV			1.04 V	97	94.1	-2.7
3	2483.50	60.1 PK	74.0	-13.9	1.04 V	97	62.8	-2.7
4	2483.50	46.1 AV	54.0	-7.9	1.04 V	97	48.8	-2.7
5	4914.00	40.8 PK	74.0	-33.2	3.88 V	125	38.6	2.2
6	4914.00	29.0 AV	54.0	-25.0	3.88 V	125	26.8	2.2
7	7371.00	43.1 PK	74.0	-30.9	1.45 V	168	35.2	7.9
8	7371.00	30.2 AV	54.0	-23.8	1.45 V	168	22.3	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

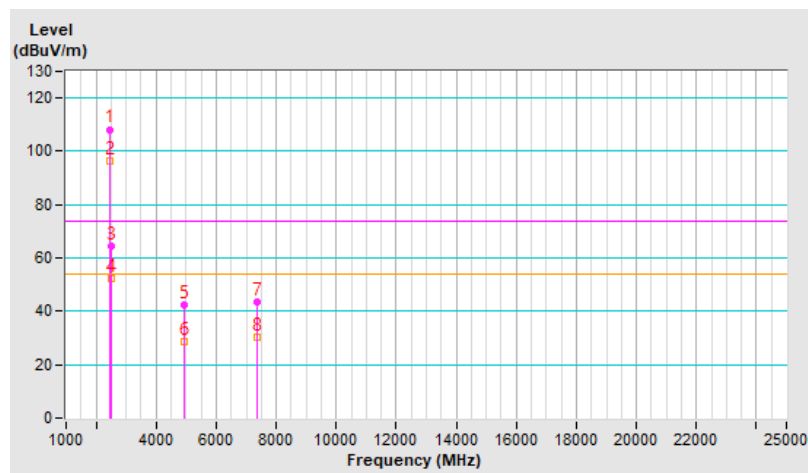


RF Mode	VHT40	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	108.2 PK			1.24 H	39	111.0	-2.8
2	*2462.00	96.6 AV			1.24 H	39	99.4	-2.8
3	2483.50	64.4 PK	74.0	-9.6	1.24 H	39	67.1	-2.7
4	2483.50	52.1 AV	54.0	-1.9	1.24 H	39	54.8	-2.7
5	4924.00	42.2 PK	74.0	-31.8	3.88 H	98	39.9	2.3
6	4924.00	28.5 AV	54.0	-25.5	3.88 H	98	26.2	2.3
7	7386.00	43.3 PK	74.0	-30.7	1.22 H	134	35.4	7.9
8	7386.00	30.1 AV	54.0	-23.9	1.22 H	134	22.2	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

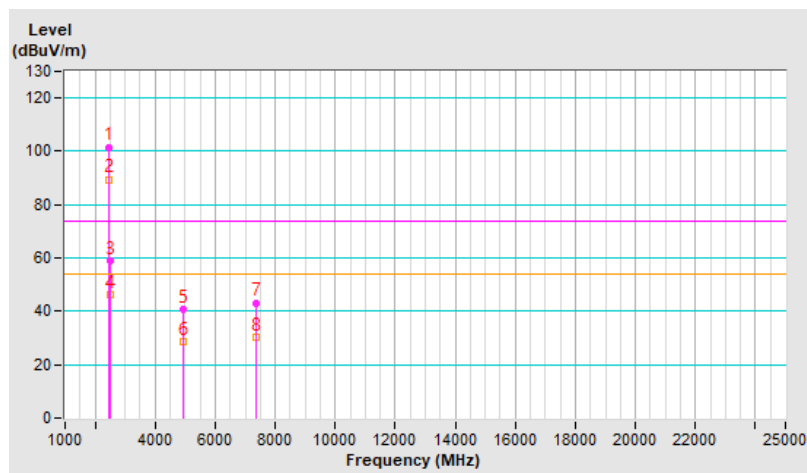


RF Mode	VHT40	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	101.6 PK			1.07 V	90	104.4	-2.8
2	*2462.00	89.5 AV			1.07 V	90	92.3	-2.8
3	2483.50	58.8 PK	74.0	-15.2	1.07 V	90	61.5	-2.7
4	2483.50	46.2 AV	54.0	-7.8	1.07 V	90	48.9	-2.7
5	4924.00	40.6 PK	74.0	-33.4	3.98 V	121	38.3	2.3
6	4924.00	28.7 AV	54.0	-25.3	3.98 V	121	26.4	2.3
7	7386.00	43.2 PK	74.0	-30.8	1.32 V	107	35.3	7.9
8	7386.00	30.2 AV	54.0	-23.8	1.32 V	107	22.3	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

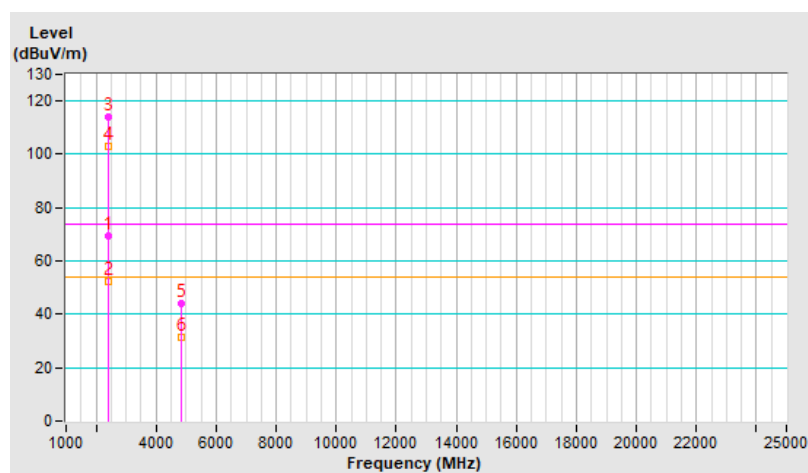


RF Mode	802.11ax (HE20)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	69.4 PK	74.0	-4.6	1.28 H	41	72.2	-2.8
2	2390.00	52.1 AV	54.0	-1.9	1.28 H	41	54.9	-2.8
3	*2412.00	114.2 PK			1.28 H	41	117.1	-2.9
4	*2412.00	103.1 AV			1.28 H	41	106.0	-2.9
5	4824.00	43.9 PK	74.0	-30.1	1.05 H	37	41.5	2.4
6	4824.00	31.2 AV	54.0	-22.8	1.05 H	37	28.8	2.4

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.

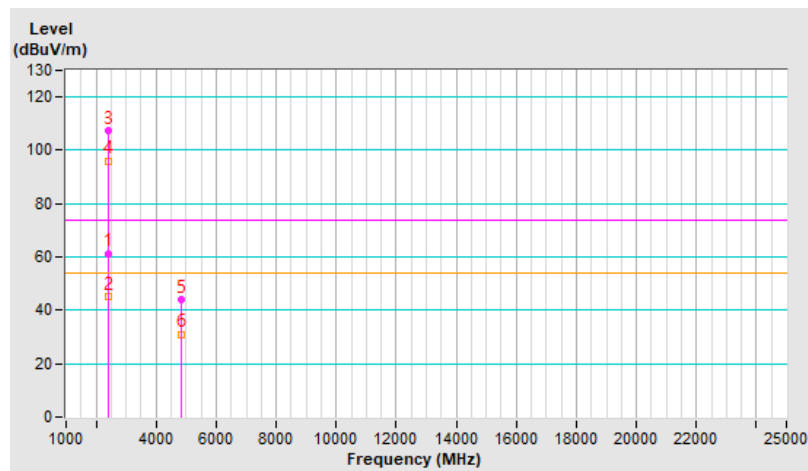


RF Mode	802.11ax (HE20)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	61.4 PK	74.0	-12.6	1.75 V	121	64.2	-2.8
2	2390.00	45.3 AV	54.0	-8.7	1.75 V	121	48.1	-2.8
3	*2412.00	107.2 PK			1.75 V	121	110.1	-2.9
4	*2412.00	96.1 AV			1.75 V	121	99.0	-2.9
5	4824.00	44.2 PK	74.0	-29.8	3.88 V	323	41.8	2.4
6	4824.00	31.1 AV	54.0	-22.9	3.88 V	323	28.7	2.4

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.

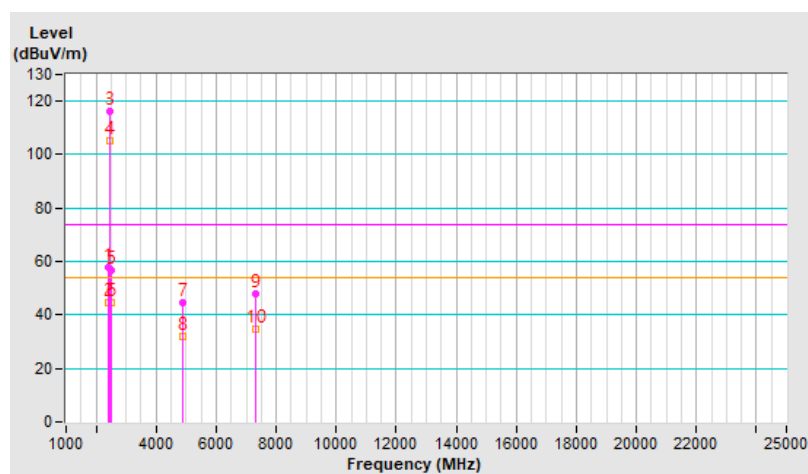


RF Mode	802.11ax (HE20)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	57.7 PK	74.0	-16.3	1.53 H	41	60.5	-2.8
2	2390.00	44.8 AV	54.0	-9.2	1.53 H	41	47.6	-2.8
3	*2437.00	116.2 PK			1.53 H	41	119.1	-2.9
4	*2437.00	105.2 AV			1.53 H	41	108.1	-2.9
5	2483.50	56.9 PK	74.0	-17.1	1.53 H	41	59.6	-2.7
6	2483.50	44.7 AV	54.0	-9.3	1.53 H	41	47.4	-2.7
7	4874.00	44.7 PK	74.0	-29.3	1.00 H	52	42.5	2.2
8	4874.00	31.8 AV	54.0	-22.2	1.00 H	52	29.6	2.2
9	7311.00	47.7 PK	74.0	-26.3	3.98 H	145	40.0	7.7
10	7311.00	34.5 AV	54.0	-19.5	3.98 H	145	26.8	7.7

Remarks:

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

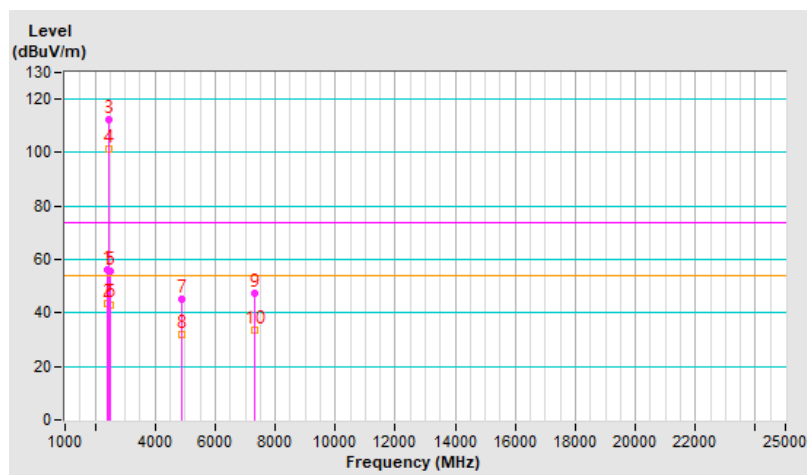


RF Mode	802.11ax (HE20)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	56.3 PK	74.0	-17.7	1.85 V	132	59.1	-2.8
2	2390.00	43.5 AV	54.0	-10.5	1.85 V	132	46.3	-2.8
3	*2437.00	112.4 PK			1.85 V	132	115.3	-2.9
4	*2437.00	101.2 AV			1.85 V	132	104.1	-2.9
5	2483.50	55.4 PK	74.0	-18.6	1.85 V	132	58.1	-2.7
6	2483.50	43.2 AV	54.0	-10.8	1.85 V	132	45.9	-2.7
7	4874.00	45.1 PK	74.0	-28.9	4.00 V	316	42.9	2.2
8	4874.00	31.8 AV	54.0	-22.2	4.00 V	316	29.6	2.2
9	7311.00	47.3 PK	74.0	-26.7	3.97 V	44	39.6	7.7
10	7311.00	33.6 AV	54.0	-20.4	3.97 V	44	25.9	7.7

Remarks:

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

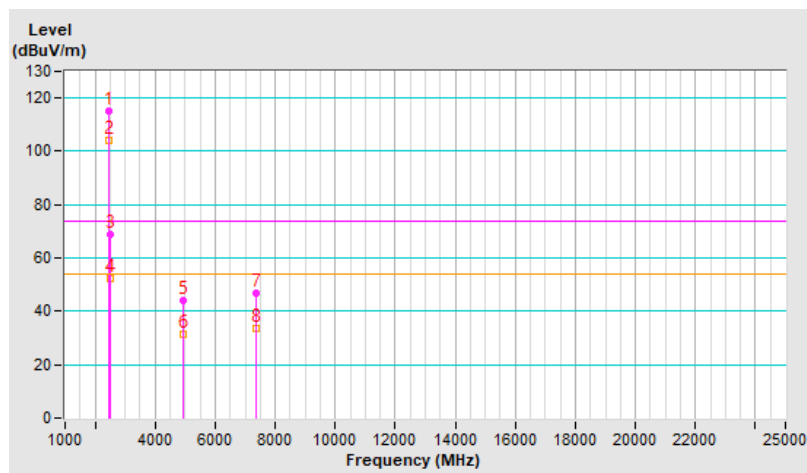


RF Mode	802.11ax (HE20)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	115.1 PK			1.71 H	40	117.9	-2.8
2	*2462.00	104.0 AV			1.71 H	40	106.8	-2.8
3	2483.50	68.7 PK	74.0	-5.3	1.71 H	40	71.4	-2.7
4	2483.50	52.3 AV	54.0	-1.7	1.71 H	40	55.0	-2.7
5	4924.00	44.2 PK	74.0	-29.8	1.00 H	60	41.9	2.3
6	4924.00	31.5 AV	54.0	-22.5	1.00 H	60	29.2	2.3
7	7386.00	46.9 PK	74.0	-27.1	4.00 H	146	39.0	7.9
8	7386.00	33.5 AV	54.0	-20.5	4.00 H	146	25.6	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

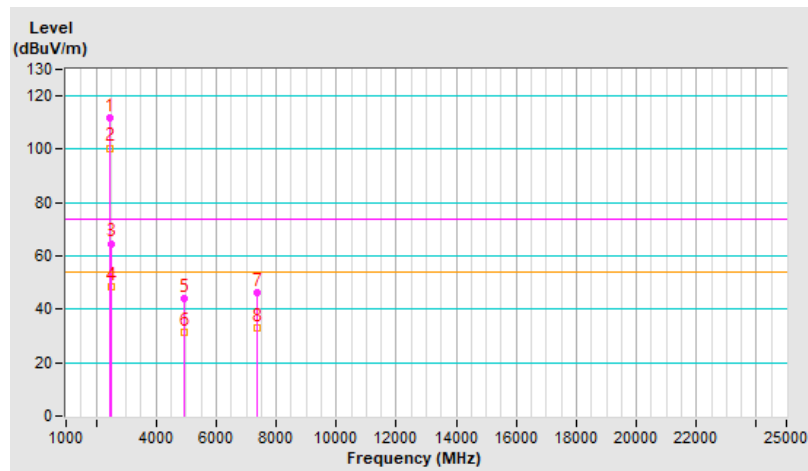


RF Mode	802.11ax (HE20)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	111.6 PK			3.07 V	259	114.4	-2.8
2	*2462.00	100.5 AV			3.07 V	259	103.3	-2.8
3	2483.50	64.7 PK	74.0	-9.3	3.07 V	259	67.4	-2.7
4	2483.50	48.5 AV	54.0	-5.5	3.07 V	259	51.2	-2.7
5	4924.00	43.9 PK	74.0	-30.1	3.96 V	330	41.6	2.3
6	4924.00	31.5 AV	54.0	-22.5	3.96 V	330	29.2	2.3
7	7386.00	46.2 PK	74.0	-27.8	3.95 V	40	38.3	7.9
8	7386.00	33.2 AV	54.0	-20.8	3.95 V	40	25.3	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

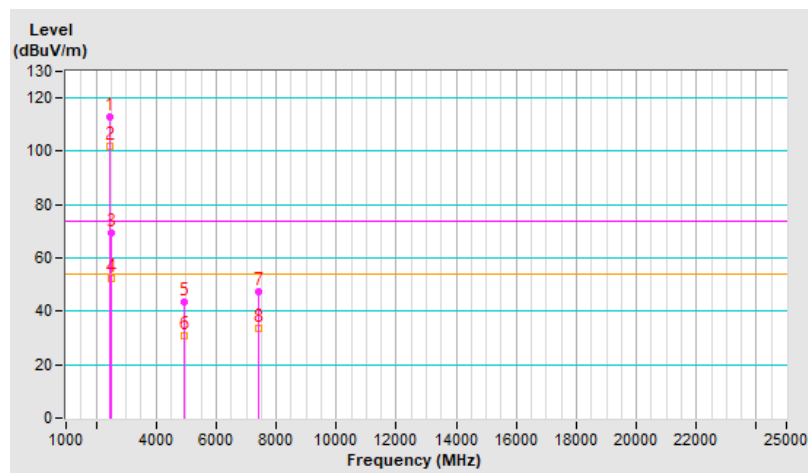


RF Mode	802.11ax (HE20)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	113.1 PK			1.25 H	42	115.9	-2.8
2	*2467.00	101.9 AV			1.25 H	42	104.7	-2.8
3	2483.50	69.6 PK	74.0	-4.4	1.25 H	42	72.3	-2.7
4	2483.50	52.4 AV	54.0	-1.6	1.25 H	42	55.1	-2.7
5	4934.00	43.4 PK	74.0	-30.6	1.03 H	39	41.1	2.3
6	4934.00	30.6 AV	54.0	-23.4	1.03 H	39	28.3	2.3
7	7401.00	47.2 PK	74.0	-26.8	3.78 H	148	39.3	7.9
8	7401.00	33.7 AV	54.0	-20.3	3.78 H	148	25.8	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

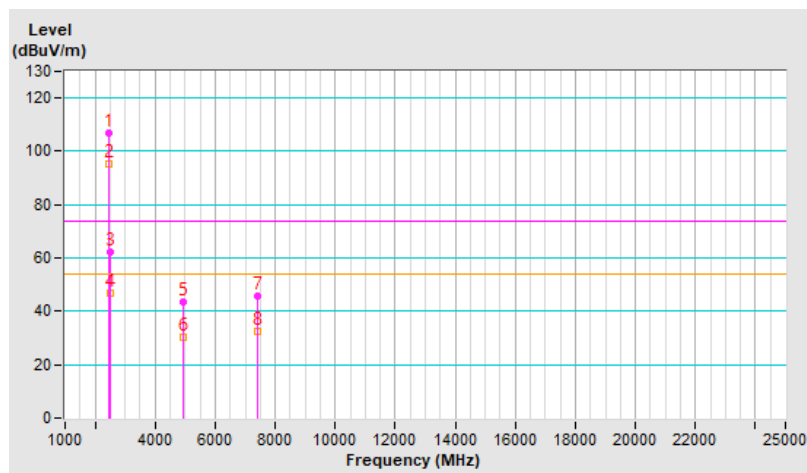


RF Mode	802.11ax (HE20)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	106.6 PK			1.06 V	92	109.4	-2.8
2	*2467.00	95.5 AV			1.06 V	92	98.3	-2.8
3	2483.50	62.1 PK	74.0	-11.9	1.06 V	92	64.8	-2.7
4	2483.50	46.7 AV	54.0	-7.3	1.06 V	92	49.4	-2.7
5	4934.00	43.5 PK	74.0	-30.5	3.96 V	332	41.2	2.3
6	4934.00	30.5 AV	54.0	-23.5	3.96 V	332	28.2	2.3
7	7401.00	45.9 PK	74.0	-28.1	3.94 V	35	38.0	7.9
8	7401.00	32.6 AV	54.0	-21.4	3.94 V	35	24.7	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

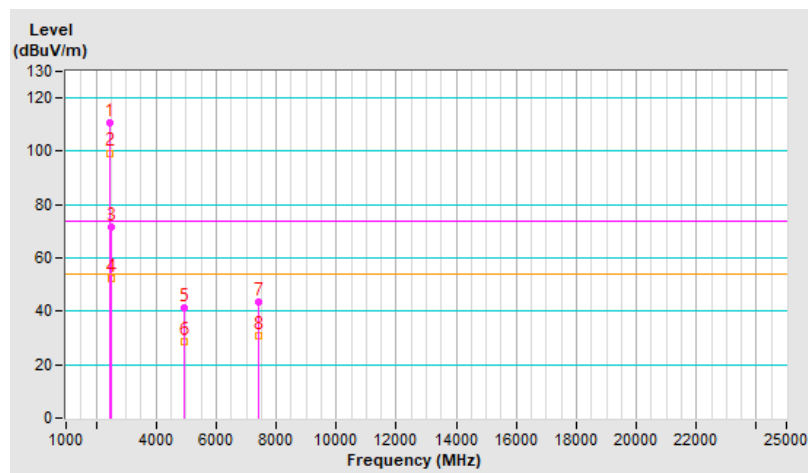


RF Mode	802.11ax (HE20)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	110.6 PK			1.23 H	38	113.3	-2.7
2	*2472.00	99.4 AV			1.23 H	38	102.1	-2.7
3	2483.50	71.5 PK	74.0	-2.5	1.23 H	38	74.2	-2.7
4	2483.50	52.4 AV	54.0	-1.6	1.23 H	38	55.1	-2.7
5	4944.00	41.3 PK	74.0	-32.7	1.02 H	52	39.0	2.3
6	4944.00	28.7 AV	54.0	-25.3	1.02 H	52	26.4	2.3
7	7416.00	43.5 PK	74.0	-30.5	3.73 H	151	35.7	7.8
8	7416.00	30.6 AV	54.0	-23.4	3.73 H	151	22.8	7.8

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.

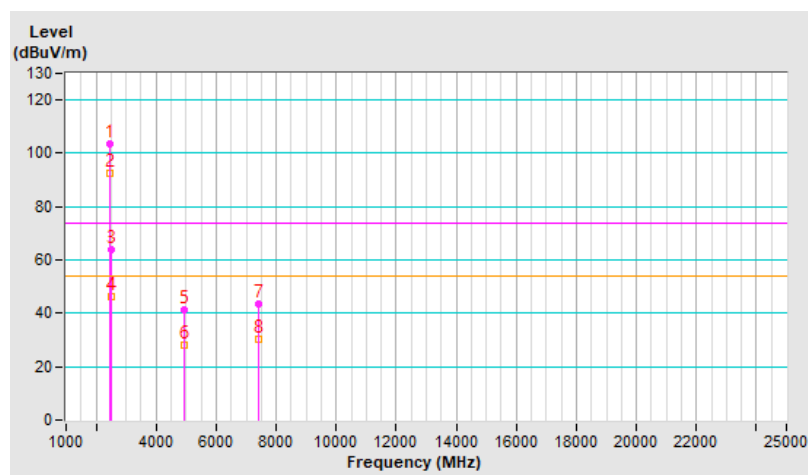


RF Mode	802.11ax (HE20)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	103.4 PK			1.00 V	92	106.1	-2.7
2	*2472.00	92.3 AV			1.00 V	92	95.0	-2.7
3	2483.50	63.8 PK	74.0	-10.2	1.00 V	92	66.5	-2.7
4	2483.50	46.1 AV	54.0	-7.9	1.00 V	92	48.8	-2.7
5	4944.00	41.2 PK	74.0	-32.8	3.99 V	325	38.9	2.3
6	4944.00	28.2 AV	54.0	-25.8	3.99 V	325	25.9	2.3
7	7416.00	43.3 PK	74.0	-30.7	3.93 V	31	35.5	7.8
8	7416.00	30.3 AV	54.0	-23.7	3.93 V	31	22.5	7.8

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.

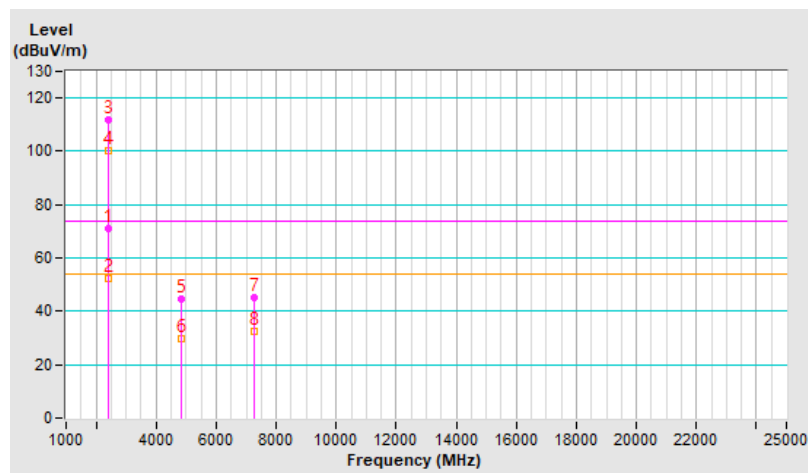


RF Mode	802.11ax (HE40)	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	71.0 PK	74.0	-3.0	1.13 H	39	73.8	-2.8
2	2390.00	52.1 AV	54.0	-1.9	1.13 H	39	54.9	-2.8
3	*2422.00	111.8 PK			1.13 H	39	114.7	-2.9
4	*2422.00	100.1 AV			1.13 H	39	103.0	-2.9
5	4844.00	44.6 PK	74.0	-29.4	3.97 H	69	42.3	2.3
6	4844.00	29.8 AV	54.0	-24.2	3.97 H	69	27.5	2.3
7	7266.00	45.1 PK	74.0	-28.9	1.11 H	132	37.5	7.6
8	7266.00	32.3 AV	54.0	-21.7	1.11 H	132	24.7	7.6

Remarks:

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

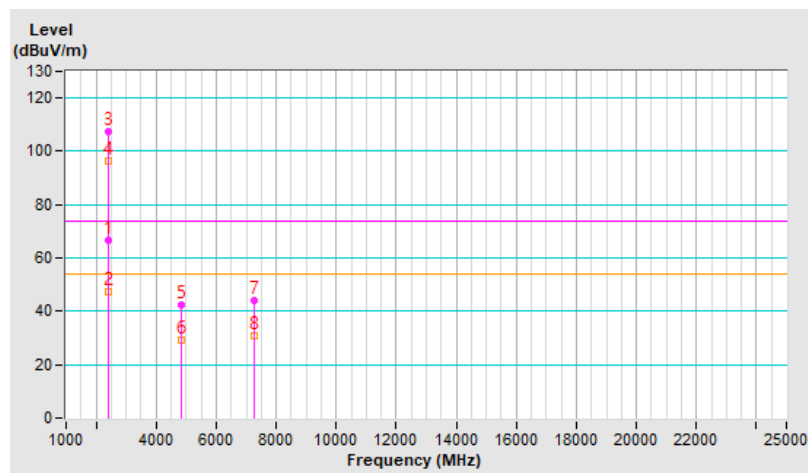


RF Mode	802.11ax (HE40)	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	66.7 PK	74.0	-7.3	1.21 V	99	69.5	-2.8
2	2390.00	47.5 AV	54.0	-6.5	1.21 V	99	50.3	-2.8
3	*2422.00	107.6 PK			1.21 V	99	110.5	-2.9
4	*2422.00	96.3 AV			1.21 V	99	99.2	-2.9
5	4844.00	42.5 PK	74.0	-31.5	3.99 V	320	40.2	2.3
6	4844.00	29.3 AV	54.0	-24.7	3.99 V	320	27.0	2.3
7	7266.00	43.8 PK	74.0	-30.2	1.05 V	112	36.2	7.6
8	7266.00	30.7 AV	54.0	-23.3	1.05 V	112	23.1	7.6

Remarks:

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

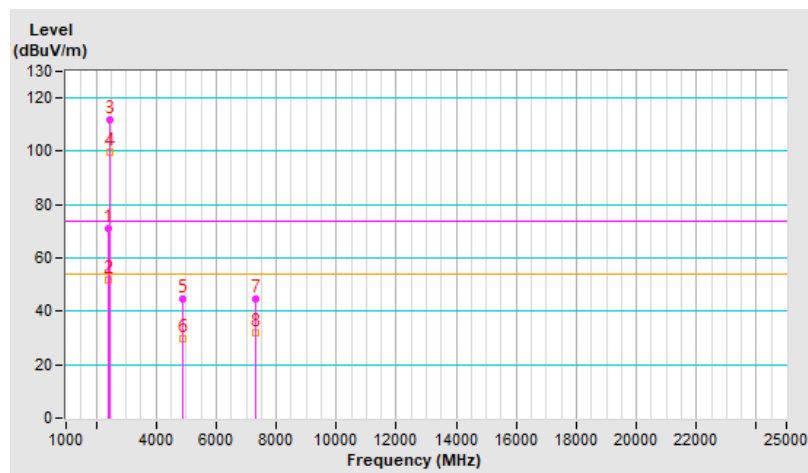


RF Mode	802.11ax (HE40)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	70.8 PK	74.0	-3.2	1.04 H	40	73.6	-2.8
2	2390.00	51.9 AV	54.0	-2.1	1.04 H	40	54.7	-2.8
3	*2437.00	111.6 PK			1.04 H	40	114.5	-2.9
4	*2437.00	99.9 AV			1.04 H	40	102.8	-2.9
5	4874.00	44.4 PK	74.0	-29.6	4.00 H	72	42.2	2.2
6	4874.00	29.6 AV	54.0	-24.4	4.00 H	72	27.4	2.2
7	7311.00	44.8 PK	74.0	-29.2	1.01 H	143	37.1	7.7
8	7311.00	31.9 AV	54.0	-22.1	1.01 H	143	24.2	7.7

Remarks:

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

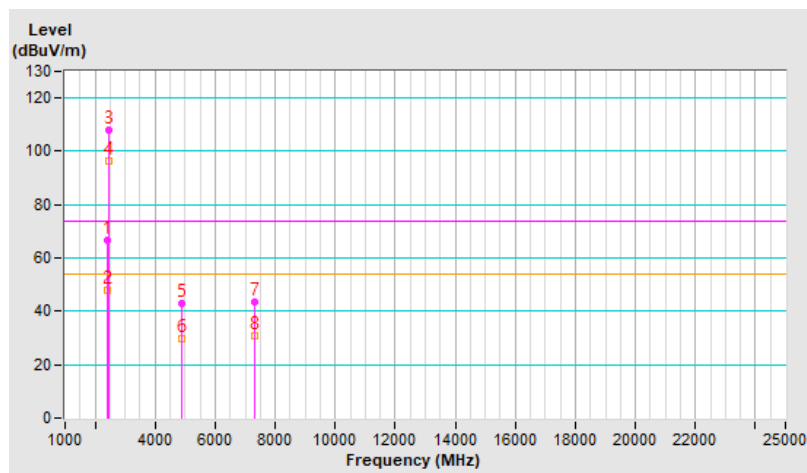


RF Mode	802.11ax (HE40)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	66.8 PK	74.0	-7.2	1.12 V	102	69.6	-2.8
2	2390.00	47.9 AV	54.0	-6.1	1.12 V	102	50.7	-2.8
3	*2437.00	107.7 PK			1.12 V	102	110.6	-2.9
4	*2437.00	96.5 AV			1.12 V	102	99.4	-2.9
5	4874.00	42.8 PK	74.0	-31.2	4.00 V	316	40.6	2.2
6	4874.00	29.5 AV	54.0	-24.5	4.00 V	316	27.3	2.2
7	7311.00	43.7 PK	74.0	-30.3	1.07 V	106	36.0	7.7
8	7311.00	30.9 AV	54.0	-23.1	1.07 V	106	23.2	7.7

Remarks:

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

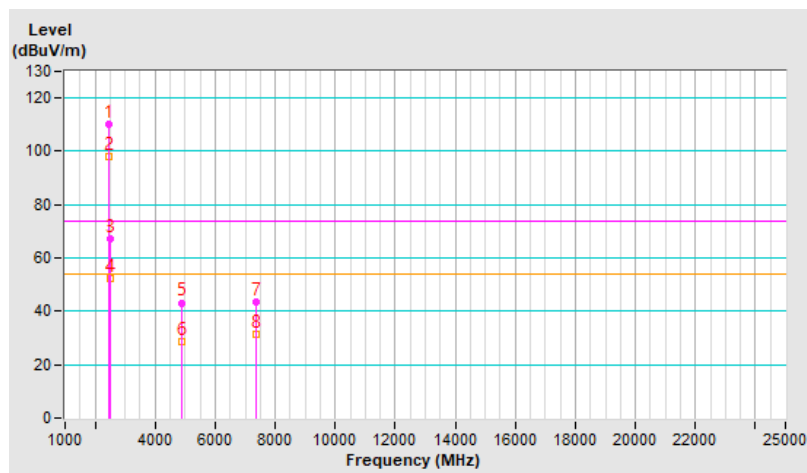


RF Mode	802.11ax (HE40)	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2452.00	110.1 PK			1.06 H	39	112.8	-2.7
2	*2452.00	98.2 AV			1.06 H	39	100.9	-2.7
3	2483.50	67.2 PK	74.0	-6.8	1.06 H	39	69.9	-2.7
4	2483.50	52.4 AV	54.0	-1.6	1.06 H	39	55.1	-2.7
5	4904.00	43.2 PK	74.0	-30.8	3.89 H	68	41.0	2.2
6	4904.00	28.5 AV	54.0	-25.5	3.89 H	68	26.3	2.2
7	7356.00	43.6 PK	74.0	-30.4	1.00 H	142	35.7	7.9
8	7356.00	31.2 AV	54.0	-22.8	1.00 H	142	23.3	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

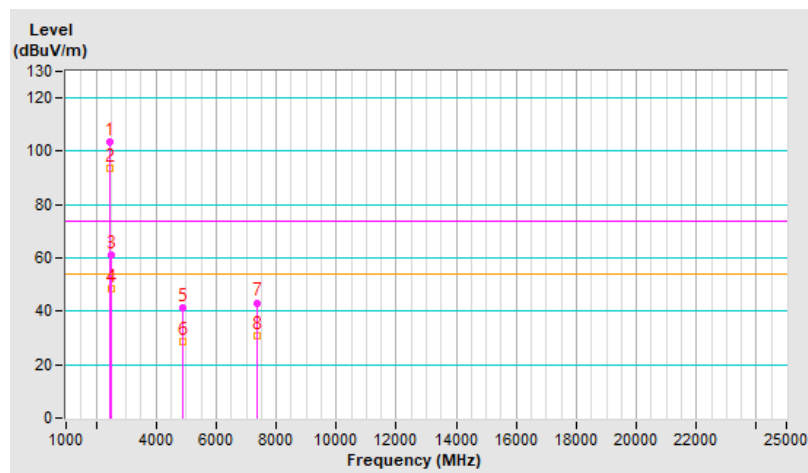


RF Mode	802.11ax (HE40)	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2452.00	103.4 PK			1.08 V	91	106.1	-2.7
2	*2452.00	93.5 AV			1.08 V	91	96.2	-2.7
3	2483.50	61.0 PK	74.0	-13.0	1.08 V	91	63.7	-2.7
4	2483.50	48.4 AV	54.0	-5.6	1.08 V	91	51.1	-2.7
5	4904.00	41.3 PK	74.0	-32.7	3.87 V	311	39.1	2.2
6	4904.00	28.7 AV	54.0	-25.3	3.87 V	311	26.5	2.2
7	7356.00	43.2 PK	74.0	-30.8	1.12 V	107	35.3	7.9
8	7356.00	30.6 AV	54.0	-23.4	1.12 V	107	22.7	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

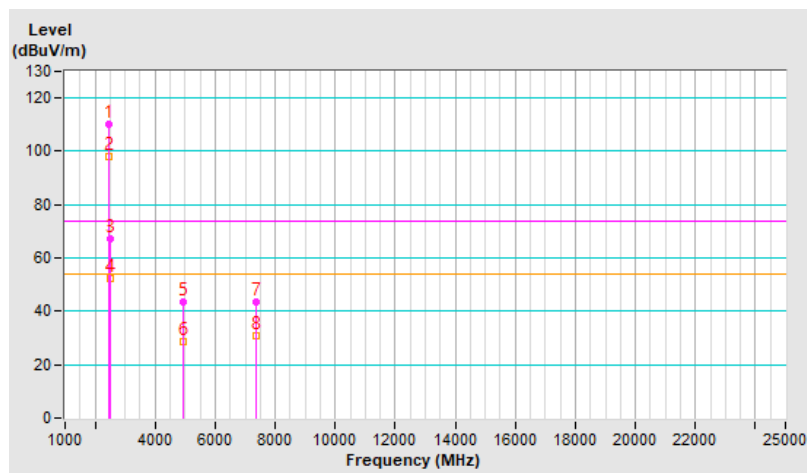


RF Mode	802.11ax (HE40)	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2457.00	110.2 PK			1.08 H	39	112.9	-2.7
2	*2457.00	98.1 AV			1.08 H	39	100.8	-2.7
3	2483.50	67.3 PK	74.0	-6.7	1.08 H	39	70.0	-2.7
4	2483.50	52.2 AV	54.0	-1.8	1.08 H	39	54.9	-2.7
5	4914.00	43.4 PK	74.0	-30.6	3.78 H	75	41.2	2.2
6	4914.00	28.7 AV	54.0	-25.3	3.78 H	75	26.5	2.2
7	7371.00	43.5 PK	74.0	-30.5	1.21 H	155	35.6	7.9
8	7371.00	30.9 AV	54.0	-23.1	1.21 H	155	23.0	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

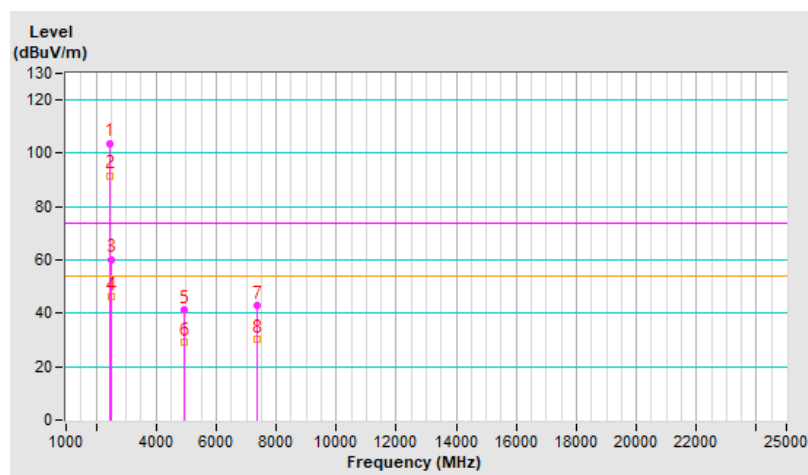


RF Mode	802.11ax (HE40)	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2457.00	103.8 PK			1.07 V	92	106.5	-2.7
2	*2457.00	91.7 AV			1.07 V	92	94.4	-2.7
3	2483.50	60.3 PK	74.0	-13.7	1.07 V	92	63.0	-2.7
4	2483.50	46.3 AV	54.0	-7.7	1.07 V	92	49.0	-2.7
5	4914.00	41.1 PK	74.0	-32.9	3.78 V	99	38.9	2.2
6	4914.00	29.1 AV	54.0	-24.9	3.78 V	99	26.9	2.2
7	7371.00	43.1 PK	74.0	-30.9	1.35 V	108	35.2	7.9
8	7371.00	30.4 AV	54.0	-23.6	1.35 V	108	22.5	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

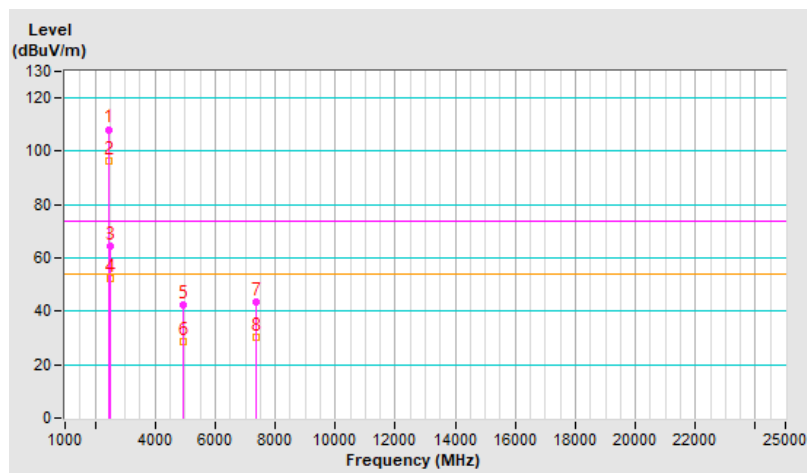


RF Mode	802.11ax (HE40)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	108.2 PK			1.24 H	39	111.0	-2.8
2	*2462.00	96.6 AV			1.24 H	39	99.4	-2.8
3	2483.50	64.4 PK	74.0	-9.6	1.24 H	39	67.1	-2.7
4	2483.50	52.1 AV	54.0	-1.9	1.24 H	39	54.8	-2.7
5	4924.00	42.2 PK	74.0	-31.8	3.88 H	98	39.9	2.3
6	4924.00	28.5 AV	54.0	-25.5	3.88 H	98	26.2	2.3
7	7386.00	43.3 PK	74.0	-30.7	1.22 H	134	35.4	7.9
8	7386.00	30.1 AV	54.0	-23.9	1.22 H	134	22.2	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

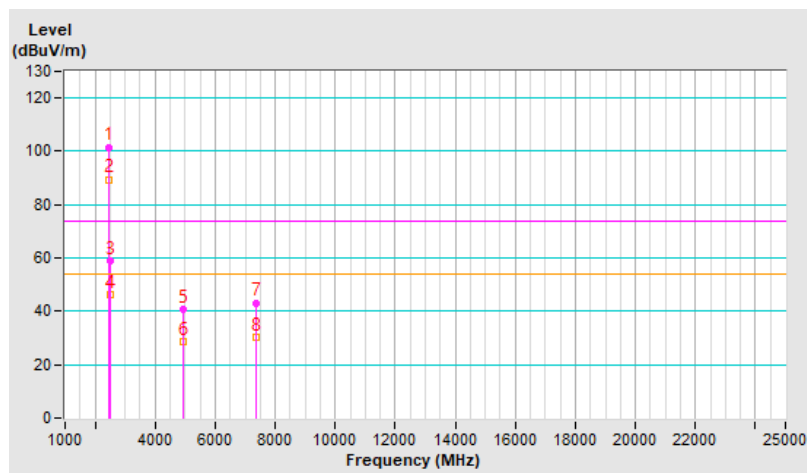


RF Mode	802.11ax (HE40)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	101.6 PK			1.07 V	90	104.4	-2.8
2	*2462.00	89.5 AV			1.07 V	90	92.3	-2.8
3	2483.50	58.8 PK	74.0	-15.2	1.07 V	90	61.5	-2.7
4	2483.50	46.2 AV	54.0	-7.8	1.07 V	90	48.9	-2.7
5	4924.00	40.6 PK	74.0	-33.4	3.98 V	121	38.3	2.3
6	4924.00	28.7 AV	54.0	-25.3	3.98 V	121	26.4	2.3
7	7386.00	43.2 PK	74.0	-30.8	1.32 V	107	35.3	7.9
8	7386.00	30.2 AV	54.0	-23.8	1.32 V	107	22.3	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

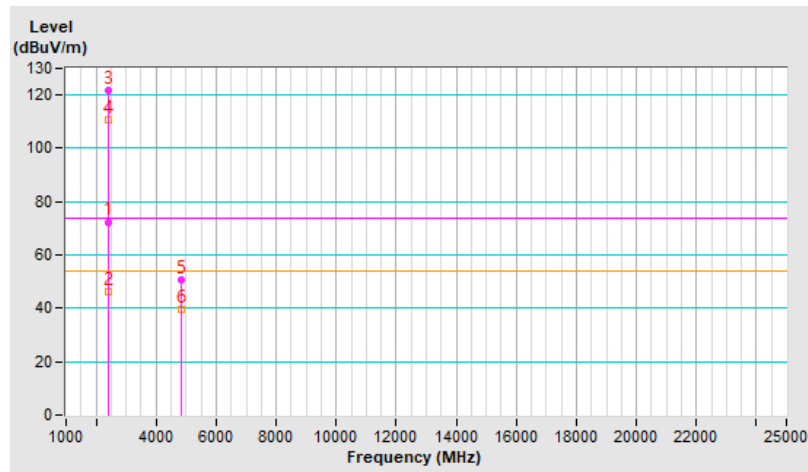


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	72.4 PK	74.0	-1.6	1.01 H	39	75.2	-2.8
2	2390.00	46.5 AV	54.0	-7.5	1.01 H	39	49.3	-2.8
3	*2412.00	121.8 PK			1.01 H	39	124.7	-2.9
4	*2412.00	110.8 AV			1.01 H	39	113.7	-2.9
5	4824.00	50.7 PK	74.0	-23.3	1.03 H	22	48.3	2.4
6	4824.00	39.4 AV	54.0	-14.6	1.03 H	22	37.0	2.4

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.

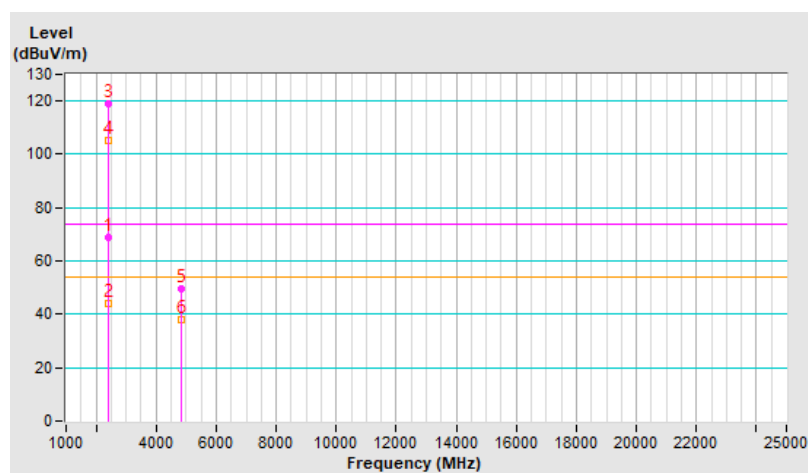


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	68.9 PK	74.0	-5.1	3.31 V	232	71.7	-2.8
2	2390.00	44.0 AV	54.0	-10.0	3.31 V	232	46.8	-2.8
3	*2412.00	118.9 PK			3.31 V	232	121.8	-2.9
4	*2412.00	105.4 AV			3.31 V	232	108.3	-2.9
5	4824.00	49.8 PK	74.0	-24.2	1.55 V	306	47.4	2.4
6	4824.00	38.0 AV	54.0	-16.0	1.55 V	306	35.6	2.4

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.

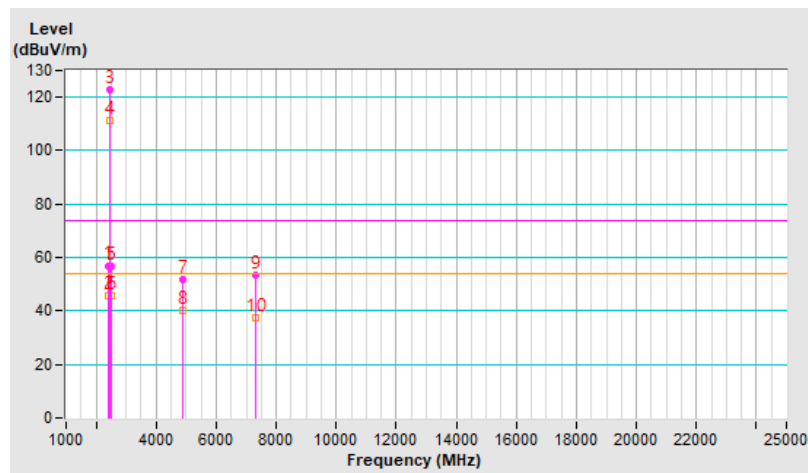


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	57.0 PK	74.0	-17.0	1.00 H	39	59.8	-2.8
2	2390.00	45.5 AV	54.0	-8.5	1.00 H	39	48.3	-2.8
3	*2437.00	122.8 PK			1.01 H	31	125.7	-2.9
4	*2437.00	111.5 AV			1.01 H	31	114.4	-2.9
5	2483.50	56.5 PK	74.0	-17.5	1.00 H	39	59.2	-2.7
6	2483.50	45.5 AV	54.0	-8.5	1.00 H	39	48.2	-2.7
7	4874.00	51.8 PK	74.0	-22.2	1.02 H	13	49.6	2.2
8	4874.00	40.2 AV	54.0	-13.8	1.02 H	13	38.0	2.2
9	7311.00	53.5 PK	74.0	-20.5	1.07 H	142	45.8	7.7
10	7311.00	37.4 AV	54.0	-16.6	1.07 H	142	29.7	7.7

Remarks:

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

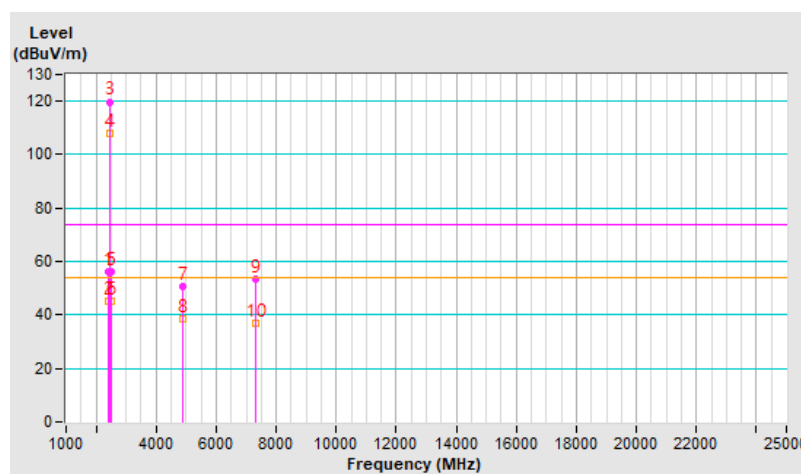


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	56.1 PK	74.0	-17.9	1.21 V	123	58.9	-2.8
2	2390.00	45.3 AV	54.0	-8.7	1.21 V	123	48.1	-2.8
3	*2437.00	119.8 PK			1.21 V	123	122.7	-2.9
4	*2437.00	107.7 AV			1.21 V	123	110.6	-2.9
5	2483.50	56.2 PK	74.0	-17.8	1.21 V	123	58.9	-2.7
6	2483.50	45.4 AV	54.0	-8.6	1.21 V	123	48.1	-2.7
7	4874.00	50.6 PK	74.0	-23.4	1.56 V	308	48.4	2.2
8	4874.00	38.6 AV	54.0	-15.4	1.56 V	308	36.4	2.2
9	7311.00	53.3 PK	74.0	-20.7	3.95 V	19	45.6	7.7
10	7311.00	36.7 AV	54.0	-17.3	3.95 V	19	29.0	7.7

Remarks:

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

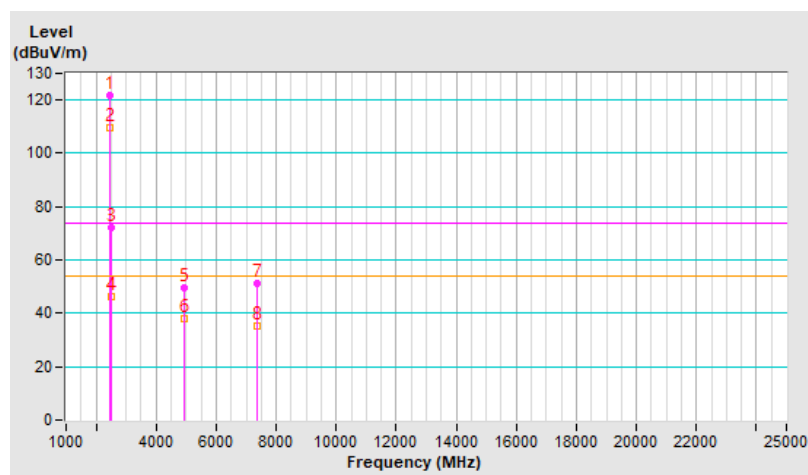


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	121.8 PK			1.22 H	37	124.6	-2.8
2	*2462.00	109.4 AV			1.22 H	37	112.2	-2.8
3	2483.50	72.1 PK	74.0	-1.9	1.22 H	37	74.8	-2.7
4	2483.50	46.0 AV	54.0	-8.0	1.22 H	37	48.7	-2.7
5	4924.00	49.4 PK	74.0	-24.6	1.02 H	28	47.1	2.3
6	4924.00	37.8 AV	54.0	-16.2	1.02 H	28	35.5	2.3
7	7386.00	51.1 PK	74.0	-22.9	1.01 H	130	43.2	7.9
8	7386.00	35.3 AV	54.0	-18.7	1.01 H	130	27.4	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

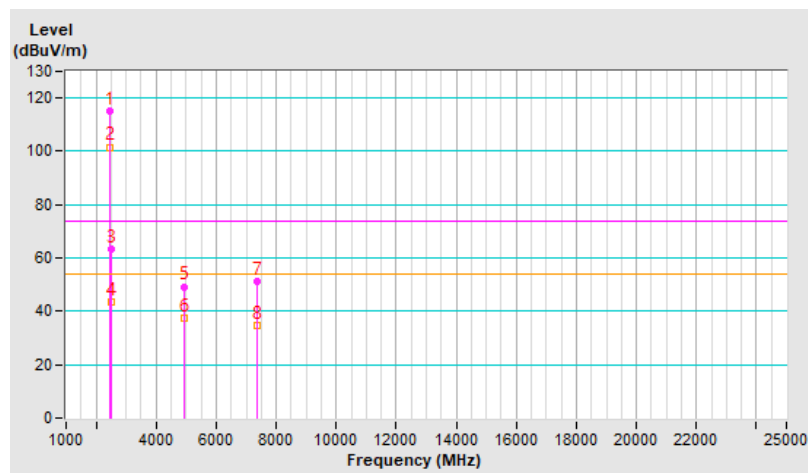


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	115.1 PK			1.00 V	90	117.9	-2.8
2	*2462.00	101.6 AV			1.00 V	90	104.4	-2.8
3	2483.50	63.4 PK	74.0	-10.6	1.00 V	90	66.1	-2.7
4	2483.50	43.5 AV	54.0	-10.5	1.00 V	90	46.2	-2.7
5	4924.00	49.3 PK	74.0	-24.7	1.49 V	292	47.0	2.3
6	4924.00	37.3 AV	54.0	-16.7	1.49 V	292	35.0	2.3
7	7386.00	51.4 PK	74.0	-22.6	3.98 V	33	43.5	7.9
8	7386.00	34.6 AV	54.0	-19.4	3.98 V	33	26.7	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

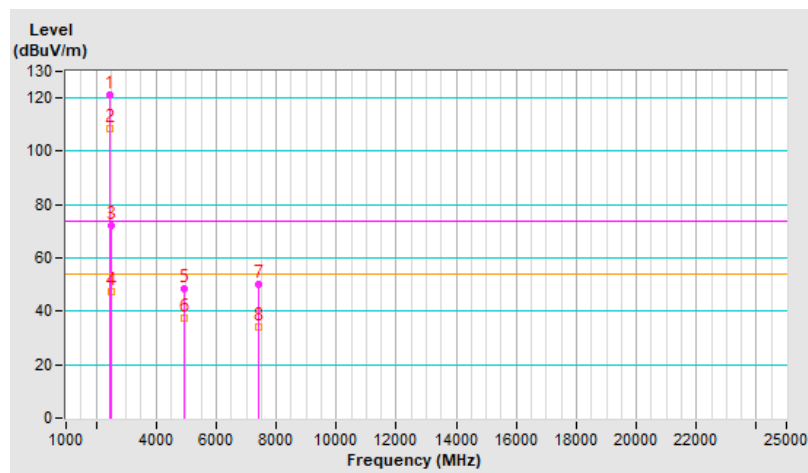


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	121.1 PK			1.23 H	38	123.9	-2.8
2	*2467.00	108.3 AV			1.23 H	38	111.1	-2.8
3	2483.50	72.2 PK	74.0	-1.8	1.23 H	38	74.9	-2.7
4	2483.50	47.3 AV	54.0	-6.7	1.23 H	38	50.0	-2.7
5	4934.00	48.6 PK	74.0	-25.4	1.03 H	26	46.3	2.3
6	4934.00	37.2 AV	54.0	-16.8	1.03 H	26	34.9	2.3
7	7401.00	50.3 PK	74.0	-23.7	1.02 H	123	42.4	7.9
8	7401.00	34.2 AV	54.0	-19.8	1.02 H	123	26.3	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

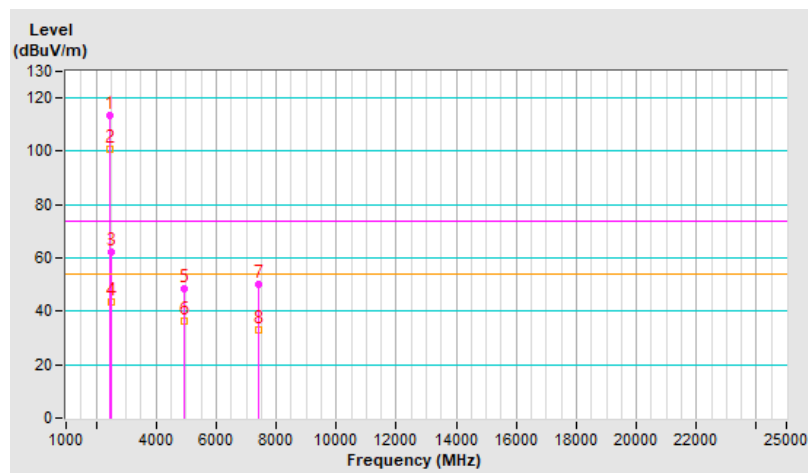


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	113.7 PK			1.01 V	91	116.5	-2.8
2	*2467.00	100.7 AV			1.01 V	91	103.5	-2.8
3	2483.50	62.4 PK	74.0	-11.6	1.01 V	91	65.1	-2.7
4	2483.50	43.6 AV	54.0	-10.4	1.01 V	91	46.3	-2.7
5	4934.00	48.2 PK	74.0	-25.8	1.52 V	321	45.9	2.3
6	4934.00	36.4 AV	54.0	-17.6	1.52 V	321	34.1	2.3
7	7401.00	50.2 PK	74.0	-23.8	4.00 V	29	42.3	7.9
8	7401.00	33.1 AV	54.0	-20.9	4.00 V	29	25.2	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

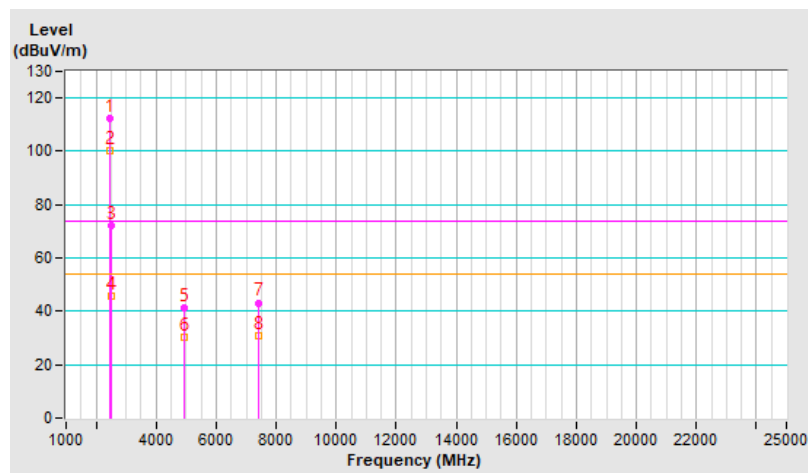


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	112.3 PK			1.49 H	40	115.0	-2.7
2	*2472.00	100.2 AV			1.49 H	40	102.9	-2.7
3	2483.50	72.3 PK	74.0	-1.7	1.49 H	40	75.0	-2.7
4	2483.50	45.6 AV	54.0	-8.4	1.49 H	40	48.3	-2.7
5	4944.00	41.2 PK	74.0	-32.8	1.02 H	22	38.9	2.3
6	4944.00	30.1 AV	54.0	-23.9	1.02 H	22	27.8	2.3
7	7416.00	43.2 PK	74.0	-30.8	1.00 H	111	35.4	7.8
8	7416.00	30.9 AV	54.0	-23.1	1.00 H	111	23.1	7.8

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.

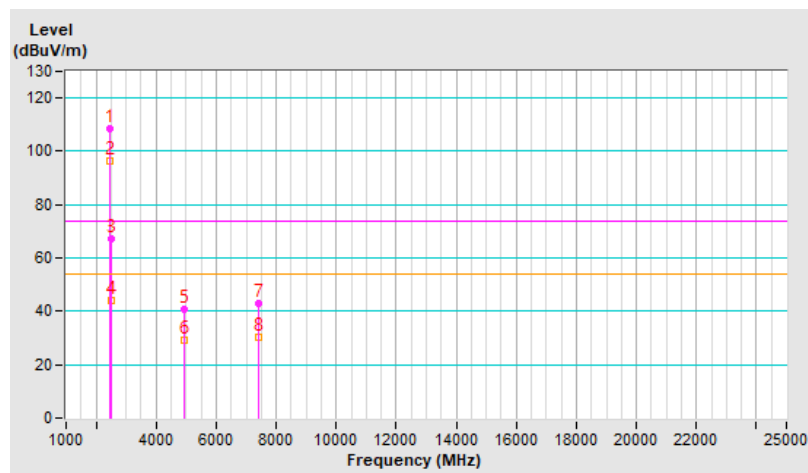


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	108.3 PK			3.04 V	230	111.0	-2.7
2	*2472.00	96.2 AV			3.04 V	230	98.9	-2.7
3	2483.50	67.2 PK	74.0	-6.8	3.04 V	230	69.9	-2.7
4	2483.50	43.8 AV	54.0	-10.2	3.04 V	230	46.5	-2.7
5	4944.00	40.6 PK	74.0	-33.4	1.67 V	301	38.3	2.3
6	4944.00	29.3 AV	54.0	-24.7	1.67 V	301	27.0	2.3
7	7416.00	43.1 PK	74.0	-30.9	3.98 V	22	35.3	7.8
8	7416.00	30.1 AV	54.0	-23.9	3.98 V	22	22.3	7.8

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.

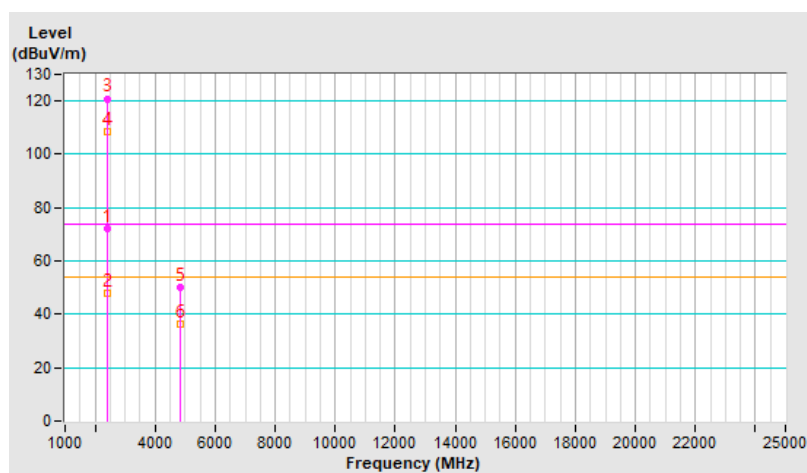


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	72.0 PK	74.0	-2.0	1.01 H	33	74.8	-2.8
2	2390.00	48.1 AV	54.0	-5.9	1.01 H	33	50.9	-2.8
3	*2412.00	120.9 PK			1.01 H	33	123.8	-2.9
4	*2412.00	108.6 AV			1.01 H	33	111.5	-2.9
5	4824.00	50.1 PK	74.0	-23.9	3.22 H	59	47.7	2.4
6	4824.00	36.2 AV	54.0	-17.8	3.22 H	59	33.8	2.4

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.

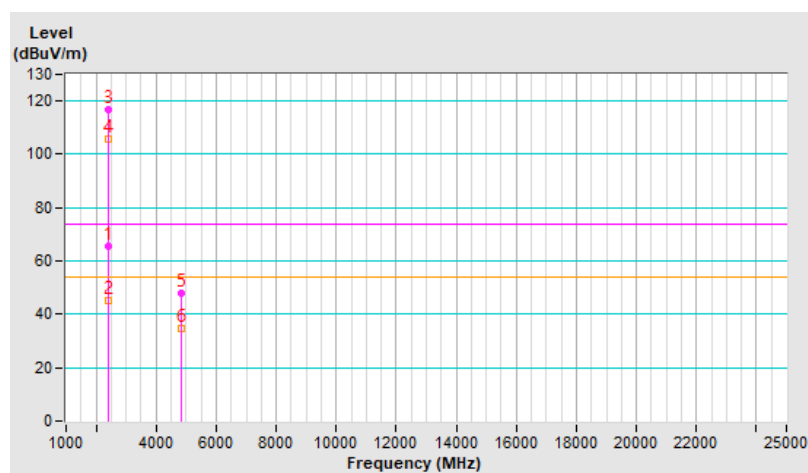


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	65.4 PK	74.0	-8.6	3.65 V	226	68.2	-2.8
2	2390.00	45.4 AV	54.0	-8.6	3.65 V	226	48.2	-2.8
3	*2412.00	116.7 PK			3.65 V	226	119.6	-2.9
4	*2412.00	105.7 AV			3.65 V	226	108.6	-2.9
5	4824.00	47.8 PK	74.0	-26.2	3.98 V	312	45.4	2.4
6	4824.00	34.8 AV	54.0	-19.2	3.98 V	312	32.4	2.4

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.

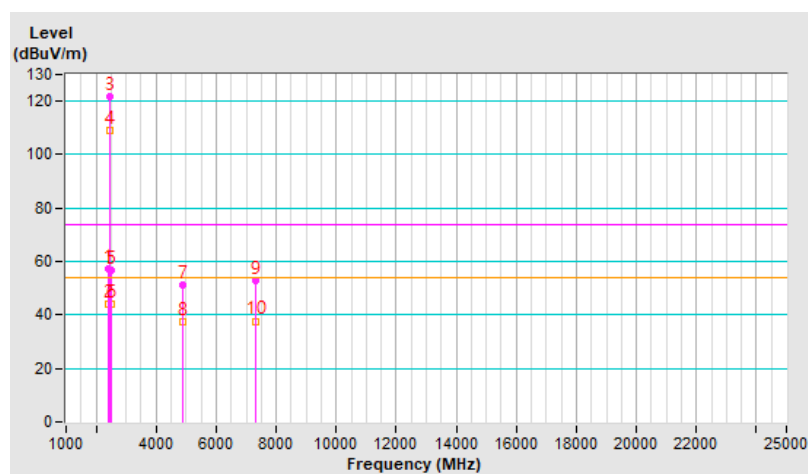


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	57.1 PK	74.0	-16.9	1.00 H	30	59.9	-2.8
2	2390.00	44.3 AV	54.0	-9.7	1.00 H	30	47.1	-2.8
3	*2437.00	121.6 PK			1.00 H	30	124.5	-2.9
4	*2437.00	109.3 AV			1.00 H	30	112.2	-2.9
5	2483.50	56.7 PK	74.0	-17.3	1.00 H	30	59.4	-2.7
6	2483.50	44.1 AV	54.0	-9.9	1.00 H	30	46.8	-2.7
7	4874.00	51.3 PK	74.0	-22.7	3.33 H	64	49.1	2.2
8	4874.00	37.3 AV	54.0	-16.7	3.33 H	64	35.1	2.2
9	7311.00	52.8 PK	74.0	-21.2	4.00 H	147	45.1	7.7
10	7311.00	37.7 AV	54.0	-16.3	4.00 H	147	30.0	7.7

Remarks:

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

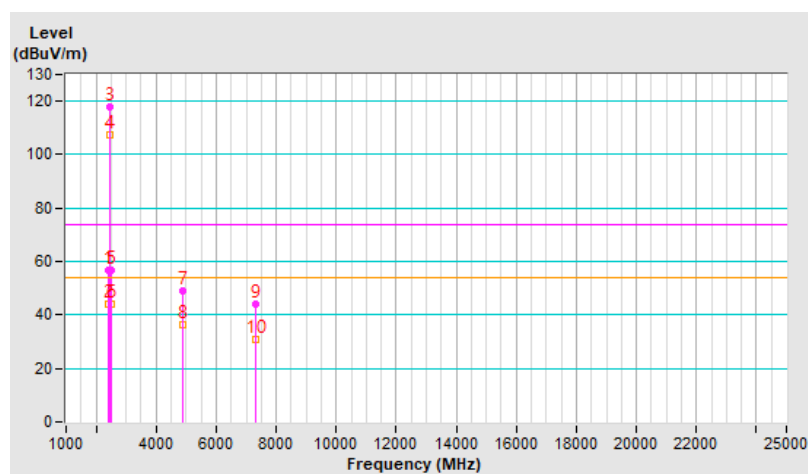


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	56.5 PK	74.0	-17.5	3.66 V	254	59.3	-2.8
2	2390.00	44.0 AV	54.0	-10.0	3.66 V	254	46.8	-2.8
3	*2437.00	118.1 PK			3.66 V	254	121.0	-2.9
4	*2437.00	107.6 AV			3.66 V	254	110.5	-2.9
5	2483.50	56.9 PK	74.0	-17.1	3.66 V	254	59.6	-2.7
6	2483.50	43.8 AV	54.0	-10.2	3.66 V	254	46.5	-2.7
7	4874.00	49.1 PK	74.0	-24.9	4.00 V	316	46.9	2.2
8	4874.00	36.1 AV	54.0	-17.9	4.00 V	316	33.9	2.2
9	7311.00	44.2 PK	74.0	-29.8	3.99 V	34	36.5	7.7
10	7311.00	30.8 AV	54.0	-23.2	3.99 V	34	23.1	7.7

Remarks:

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

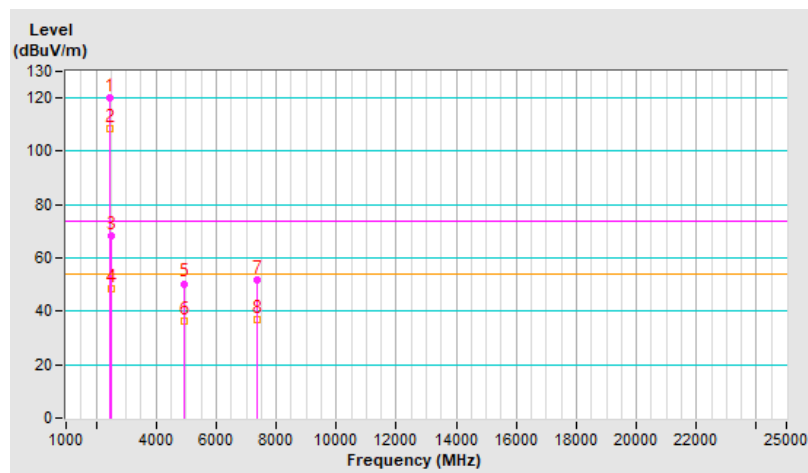


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	120.2 PK			1.21 H	38	123.0	-2.8
2	*2462.00	108.6 AV			1.21 H	38	111.4	-2.8
3	2483.50	68.2 PK	74.0	-5.8	1.21 H	38	70.9	-2.7
4	2483.50	48.6 AV	54.0	-5.4	1.21 H	38	51.3	-2.7
5	4924.00	50.4 PK	74.0	-23.6	3.21 H	59	48.1	2.3
6	4924.00	36.5 AV	54.0	-17.5	3.21 H	59	34.2	2.3
7	7386.00	51.7 PK	74.0	-22.3	3.89 H	152	43.8	7.9
8	7386.00	36.8 AV	54.0	-17.2	3.89 H	152	28.9	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

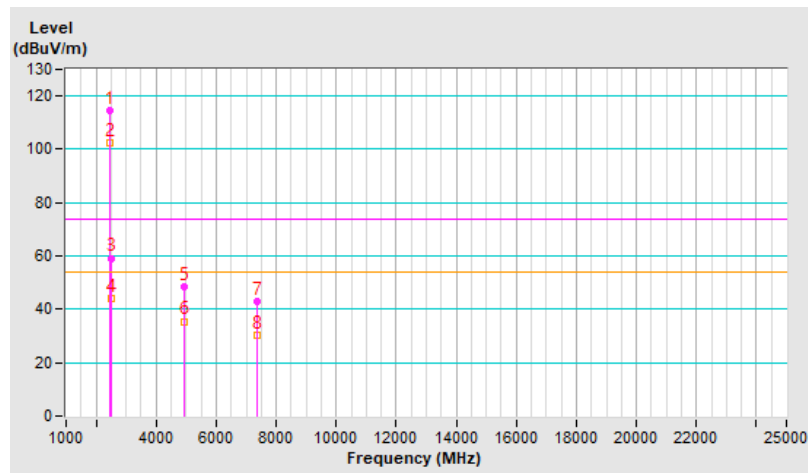


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	114.7 PK			4.00 V	98	117.5	-2.8
2	*2462.00	102.5 AV			4.00 V	98	105.3	-2.8
3	2483.50	59.2 PK	74.0	-14.8	4.00 V	98	61.9	-2.7
4	2483.50	43.8 AV	54.0	-10.2	4.00 V	98	46.5	-2.7
5	4924.00	48.3 PK	74.0	-25.7	3.99 V	322	46.0	2.3
6	4924.00	35.5 AV	54.0	-18.5	3.99 V	322	33.2	2.3
7	7386.00	43.1 PK	74.0	-30.9	3.97 V	25	35.2	7.9
8	7386.00	30.1 AV	54.0	-23.9	3.97 V	25	22.2	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

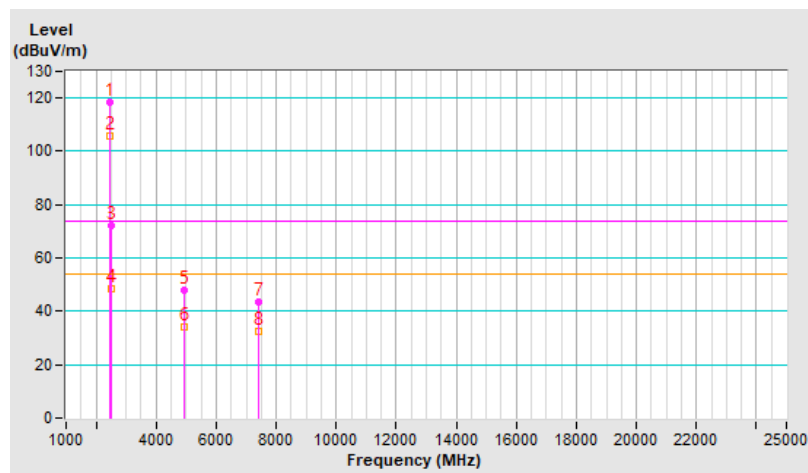


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	118.3 PK			1.21 H	37	121.1	-2.8
2	*2467.00	105.9 AV			1.21 H	37	108.7	-2.8
3	2483.50	72.2 PK	74.0	-1.8	1.21 H	37	74.9	-2.7
4	2483.50	48.3 AV	54.0	-5.7	1.21 H	37	51.0	-2.7
5	4934.00	48.1 PK	74.0	-25.9	3.11 H	68	45.8	2.3
6	4934.00	34.1 AV	54.0	-19.9	3.11 H	68	31.8	2.3
7	7401.00	43.6 PK	74.0	-30.4	3.99 H	145	35.7	7.9
8	7401.00	32.4 AV	54.0	-21.6	3.99 H	145	24.5	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

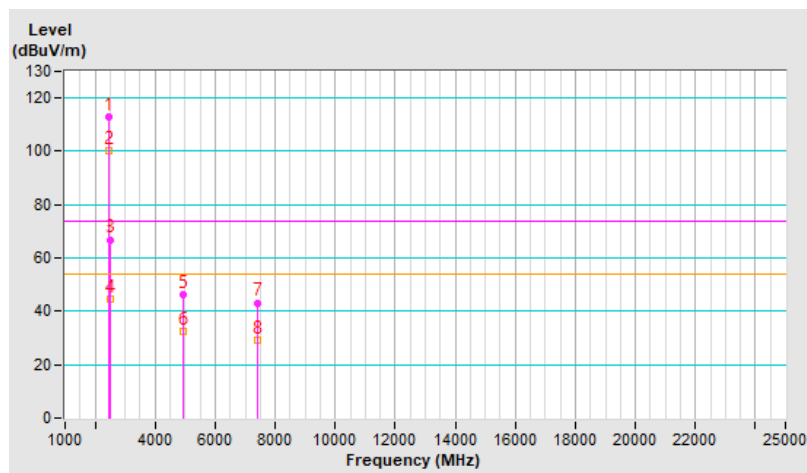


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	113.1 PK			3.01 V	125	115.9	-2.8
2	*2467.00	100.3 AV			3.01 V	125	103.1	-2.8
3	2483.50	66.9 PK	74.0	-7.1	3.01 V	125	69.6	-2.7
4	2483.50	44.8 AV	54.0	-9.2	3.01 V	125	47.5	-2.7
5	4934.00	46.2 PK	74.0	-27.8	3.79 V	312	43.9	2.3
6	4934.00	32.3 AV	54.0	-21.7	3.79 V	312	30.0	2.3
7	7401.00	43.2 PK	74.0	-30.8	3.87 V	22	35.3	7.9
8	7401.00	29.1 AV	54.0	-24.9	3.87 V	22	21.2	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

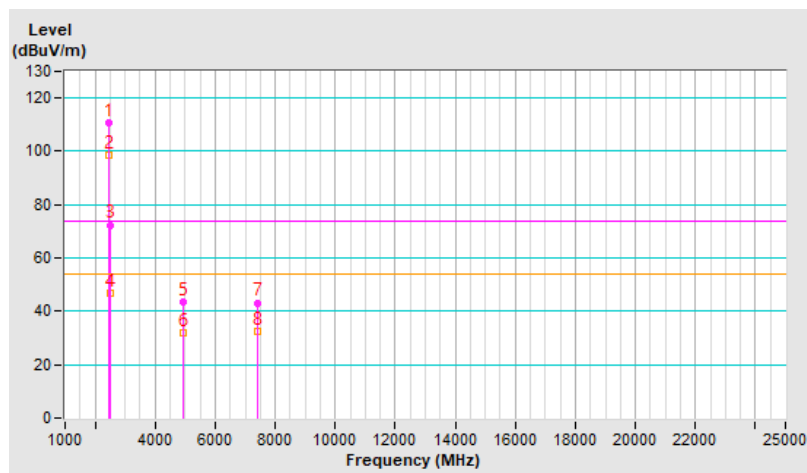


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	110.5 PK			1.23 H	38	113.2	-2.7
2	*2472.00	98.6 AV			1.23 H	38	101.3	-2.7
3	2483.50	72.4 PK	74.0	-1.6	1.23 H	38	75.1	-2.7
4	2483.50	47.0 AV	54.0	-7.0	1.23 H	38	49.7	-2.7
5	4944.00	43.5 PK	74.0	-30.5	3.01 H	58	41.2	2.3
6	4944.00	31.7 AV	54.0	-22.3	3.01 H	58	29.4	2.3
7	7416.00	43.2 PK	74.0	-30.8	3.79 H	135	35.4	7.8
8	7416.00	32.6 AV	54.0	-21.4	3.79 H	135	24.8	7.8

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.

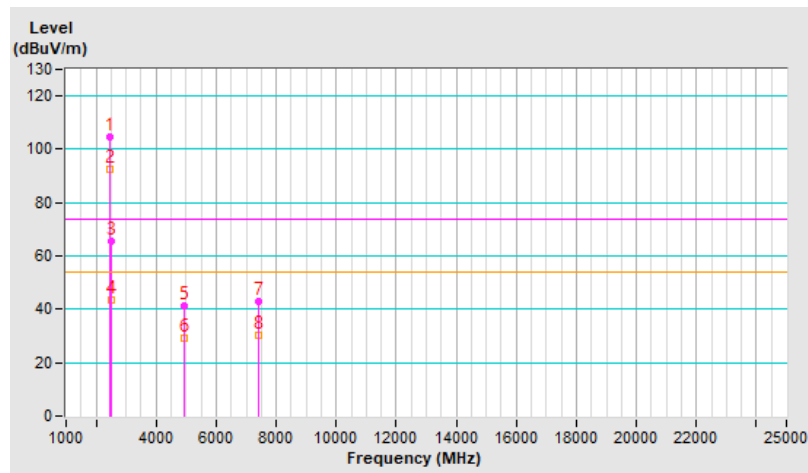


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	104.5 PK			3.78 V	130	107.2	-2.7
2	*2472.00	92.3 AV			3.78 V	130	95.0	-2.7
3	2483.50	65.7 PK	74.0	-8.3	3.78 V	130	68.4	-2.7
4	2483.50	43.7 AV	54.0	-10.3	3.78 V	130	46.4	-2.7
5	4944.00	41.1 PK	74.0	-32.9	3.89 V	325	38.8	2.3
6	4944.00	29.2 AV	54.0	-24.8	3.89 V	325	26.9	2.3
7	7416.00	43.1 PK	74.0	-30.9	3.89 V	35	35.3	7.8
8	7416.00	30.1 AV	54.0	-23.9	3.89 V	35	22.3	7.8

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.

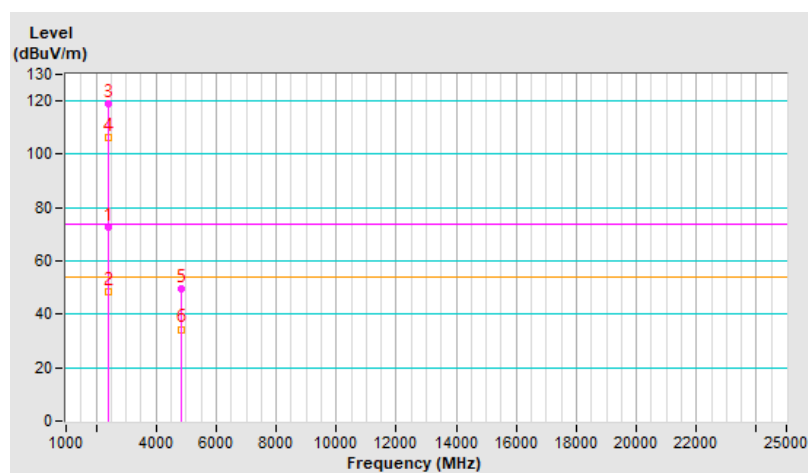


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	72.5 PK	74.0	-1.5	1.10 H	28	75.3	-2.8
2	2390.00	48.3 AV	54.0	-5.7	1.10 H	28	51.1	-2.8
3	*2412.00	118.9 PK			1.10 H	28	121.8	-2.9
4	*2412.00	106.5 AV			1.10 H	28	109.4	-2.9
5	4824.00	49.4 PK	74.0	-24.6	3.99 H	73	47.0	2.4
6	4824.00	34.4 AV	54.0	-19.6	3.99 H	73	32.0	2.4

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.

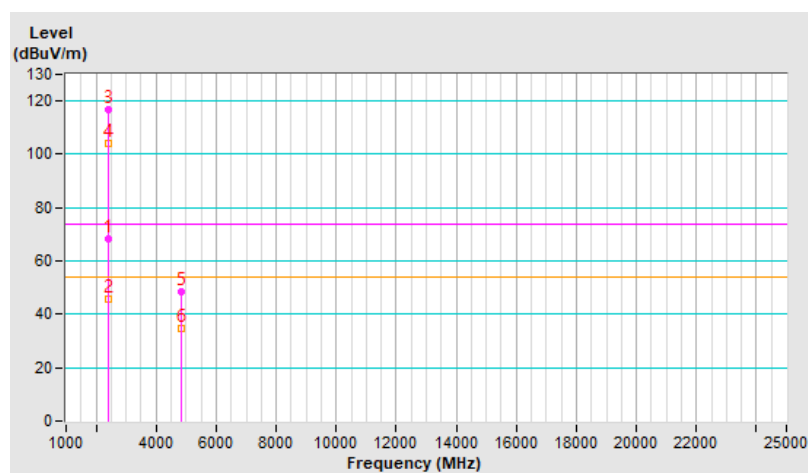


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	68.1 PK	74.0	-5.9	3.64 V	214	70.9	-2.8
2	2390.00	45.6 AV	54.0	-8.4	3.64 V	214	48.4	-2.8
3	*2412.00	116.8 PK			3.64 V	214	119.7	-2.9
4	*2412.00	104.3 AV			3.64 V	214	107.2	-2.9
5	4824.00	48.7 PK	74.0	-25.3	4.00 V	325	46.3	2.4
6	4824.00	34.8 AV	54.0	-19.2	4.00 V	325	32.4	2.4

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.

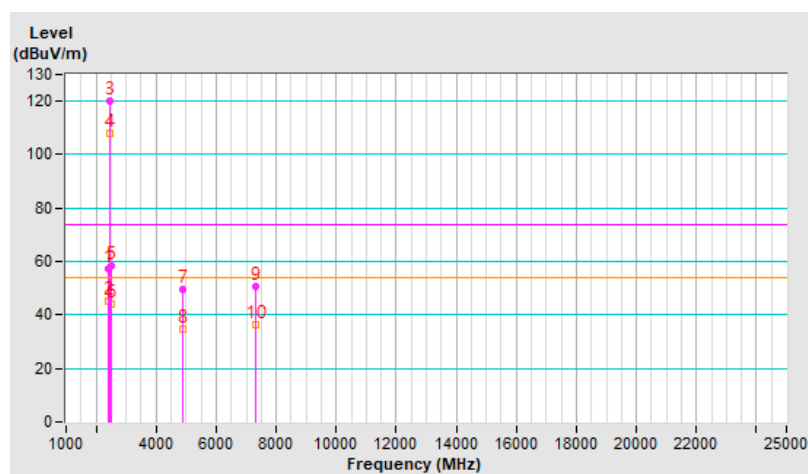


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	57.3 PK	74.0	-16.7	1.00 H	36	60.1	-2.8
2	2390.00	45.1 AV	54.0	-8.9	1.00 H	36	47.9	-2.8
3	*2437.00	120.2 PK			1.00 H	36	123.1	-2.9
4	*2437.00	107.9 AV			1.00 H	36	110.8	-2.9
5	2483.50	58.6 PK	74.0	-15.4	1.00 H	36	61.3	-2.7
6	2483.50	44.2 AV	54.0	-9.8	1.00 H	36	46.9	-2.7
7	4874.00	49.5 PK	74.0	-24.5	4.00 H	79	47.3	2.2
8	4874.00	34.8 AV	54.0	-19.2	4.00 H	79	32.6	2.2
9	7311.00	50.8 PK	74.0	-23.2	4.00 H	148	43.1	7.7
10	7311.00	36.3 AV	54.0	-17.7	4.00 H	148	28.6	7.7

Remarks:

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

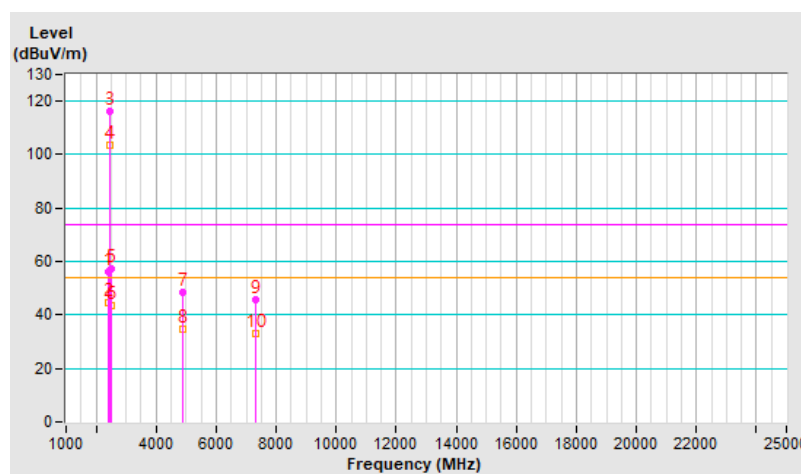


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	56.1 PK	74.0	-17.9	3.68 V	224	58.9	-2.8
2	2390.00	44.5 AV	54.0	-9.5	3.68 V	224	47.3	-2.8
3	*2437.00	116.1 PK			3.68 V	224	119.0	-2.9
4	*2437.00	103.4 AV			3.68 V	224	106.3	-2.9
5	2483.50	57.2 PK	74.0	-16.8	3.68 V	224	59.9	-2.7
6	2483.50	43.7 AV	54.0	-10.3	3.68 V	224	46.4	-2.7
7	4874.00	48.5 PK	74.0	-25.5	4.00 V	316	46.3	2.2
8	4874.00	34.5 AV	54.0	-19.5	4.00 V	316	32.3	2.2
9	7311.00	45.6 PK	74.0	-28.4	1.01 V	59	37.9	7.7
10	7311.00	33.1 AV	54.0	-20.9	1.01 V	59	25.4	7.7

Remarks:

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

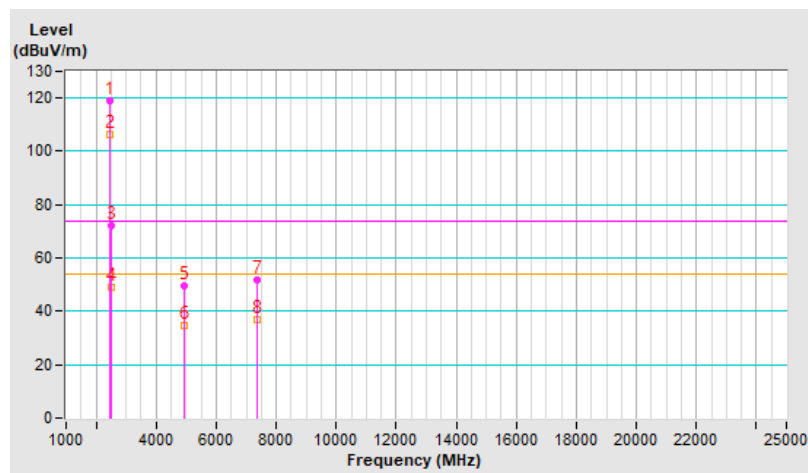


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	119.1 PK			1.00 H	26	121.9	-2.8
2	*2462.00	106.1 AV			1.00 H	26	108.9	-2.8
3	2483.50	72.2 PK	74.0	-1.8	1.00 H	26	74.9	-2.7
4	2483.50	49.0 AV	54.0	-5.0	1.00 H	26	51.7	-2.7
5	4924.00	49.6 PK	74.0	-24.4	3.96 H	93	47.3	2.3
6	4924.00	34.8 AV	54.0	-19.2	3.96 H	93	32.5	2.3
7	7386.00	51.6 PK	74.0	-22.4	4.00 H	140	43.7	7.9
8	7386.00	36.8 AV	54.0	-17.2	4.00 H	140	28.9	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

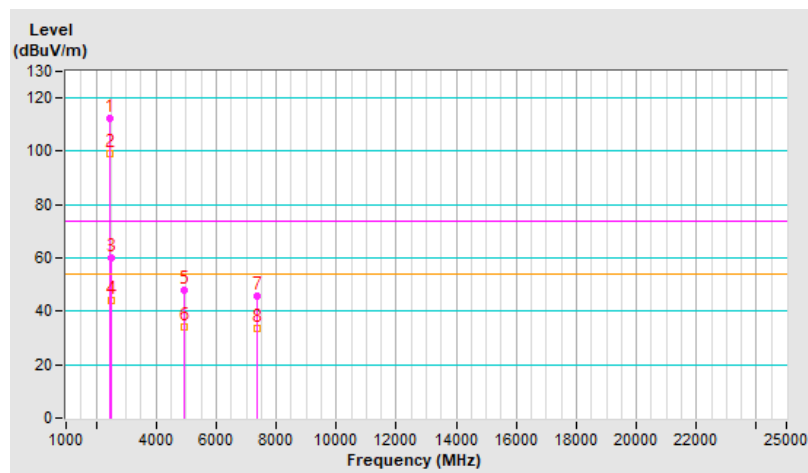


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	112.1 PK			1.44 V	84	114.9	-2.8
2	*2462.00	99.1 AV			1.44 V	84	101.9	-2.8
3	2483.50	59.8 PK	74.0	-14.2	1.44 V	84	62.5	-2.7
4	2483.50	44.0 AV	54.0	-10.0	1.44 V	84	46.7	-2.7
5	4924.00	48.0 PK	74.0	-26.0	3.96 V	316	45.7	2.3
6	4924.00	34.3 AV	54.0	-19.7	3.96 V	316	32.0	2.3
7	7386.00	45.8 PK	74.0	-28.2	1.03 V	71	37.9	7.9
8	7386.00	33.4 AV	54.0	-20.6	1.03 V	71	25.5	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

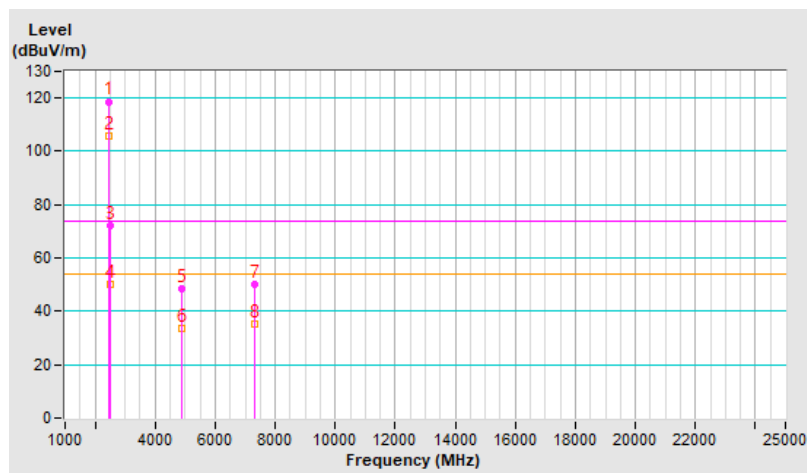


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	118.7 PK			1.22 H	36	121.5	-2.8
2	*2467.00	105.7 AV			1.22 H	36	108.5	-2.8
3	2483.50	72.1 PK	74.0	-1.9	1.22 H	36	74.8	-2.7
4	2483.50	50.1 AV	54.0	-3.9	1.22 H	36	52.8	-2.7
5	4874.00	48.3 PK	74.0	-25.7	3.99 H	77	46.1	2.2
6	4874.00	33.8 AV	54.0	-20.2	3.99 H	77	31.6	2.2
7	7311.00	50.1 PK	74.0	-23.9	3.78 H	136	42.4	7.7
8	7311.00	35.4 AV	54.0	-18.6	3.78 H	136	27.7	7.7

Remarks:

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

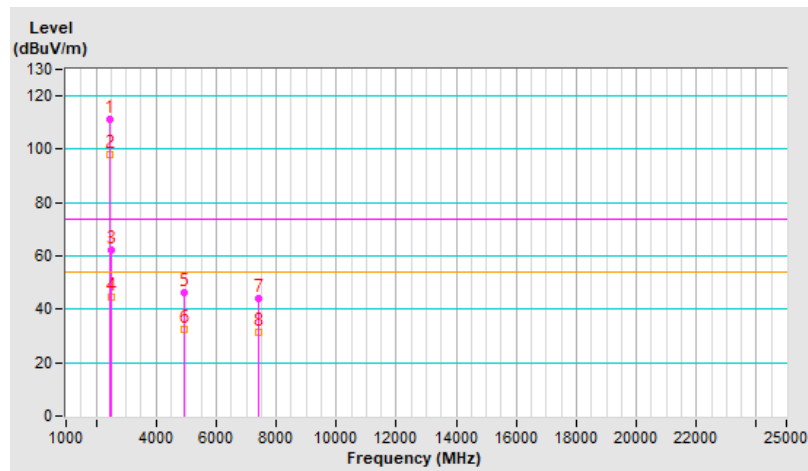


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	111.4 PK			1.00 V	91	114.2	-2.8
2	*2467.00	98.2 AV			1.00 V	91	101.0	-2.8
3	2483.50	62.3 PK	74.0	-11.7	1.00 V	91	65.0	-2.7
4	2483.50	44.7 AV	54.0	-9.3	1.00 V	91	47.4	-2.7
5	4934.00	46.3 PK	74.0	-27.7	3.87 V	311	44.0	2.3
6	4934.00	32.6 AV	54.0	-21.4	3.87 V	311	30.3	2.3
7	7401.00	43.9 PK	74.0	-30.1	1.03 V	53	36.0	7.9
8	7401.00	31.4 AV	54.0	-22.6	1.03 V	53	23.5	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

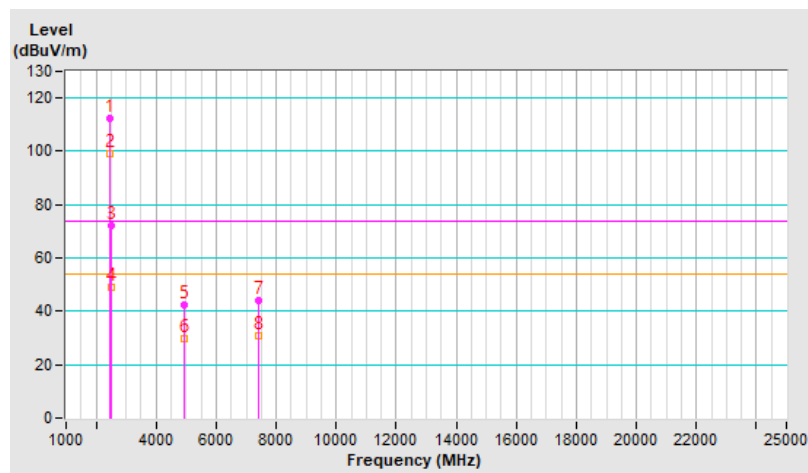


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	112.2 PK			1.24 H	36	114.9	-2.7
2	*2472.00	99.1 AV			1.24 H	36	101.8	-2.7
3	2483.50	72.2 PK	74.0	-1.8	1.24 H	36	74.9	-2.7
4	2483.50	48.8 AV	54.0	-5.2	1.24 H	36	51.5	-2.7
5	4944.00	42.2 PK	74.0	-31.8	3.78 H	98	39.9	2.3
6	4944.00	29.5 AV	54.0	-24.5	3.78 H	98	27.2	2.3
7	7416.00	43.9 PK	74.0	-30.1	3.88 H	152	36.1	7.8
8	7416.00	30.9 AV	54.0	-23.1	3.88 H	152	23.1	7.8

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.

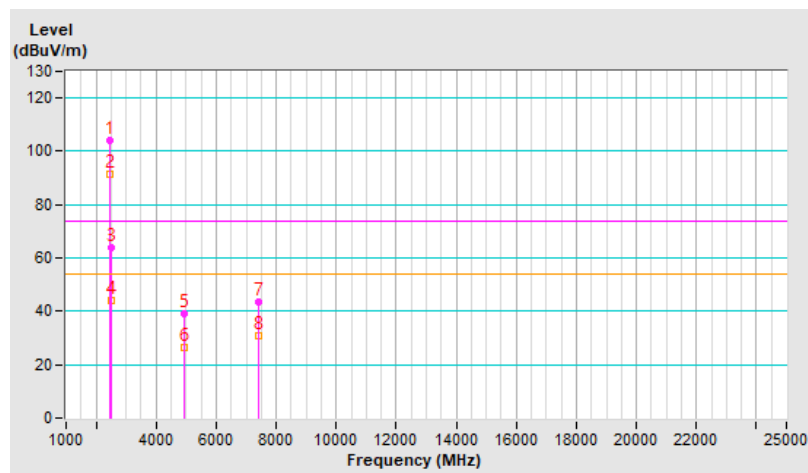


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	104.3 PK			1.00 V	90	107.0	-2.7
2	*2472.00	91.3 AV			1.00 V	90	94.0	-2.7
3	2483.50	63.8 PK	74.0	-10.2	1.00 V	90	66.5	-2.7
4	2483.50	44.3 AV	54.0	-9.7	1.00 V	90	47.0	-2.7
5	4944.00	39.0 PK	74.0	-35.0	4.00 V	313	36.7	2.3
6	4944.00	26.5 AV	54.0	-27.5	4.00 V	313	24.2	2.3
7	7416.00	43.7 PK	74.0	-30.3	1.01 V	360	35.9	7.8
8	7416.00	30.6 AV	54.0	-23.4	1.01 V	360	22.8	7.8

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.



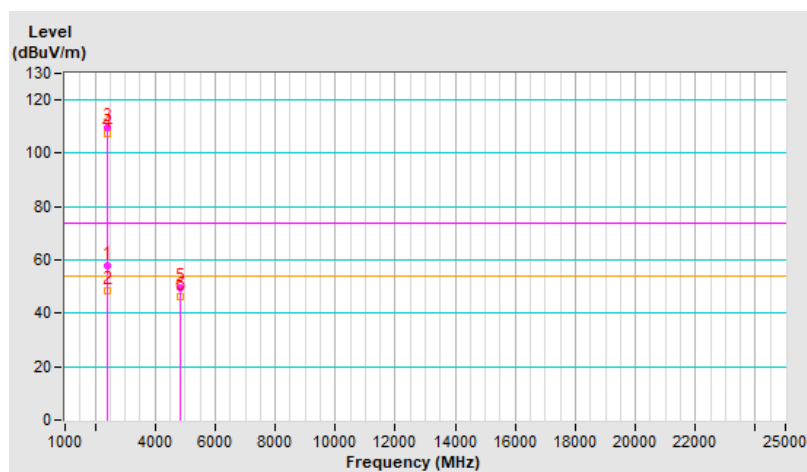
Mode D (USB interface using external antenna)

RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 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	2388.10	57.9 PK	74.0	-16.1	1.15 H	113	60.7	-2.8
2	2388.10	48.2 AV	54.0	-5.8	1.15 H	113	51.0	-2.8
3	*2412.00	109.8 PK			1.15 H	113	112.7	-2.9
4	*2412.00	107.5 AV			1.15 H	113	110.4	-2.9
5	4824.00	49.7 PK	74.0	-24.3	1.52 H	33	47.3	2.4
6	4824.00	46.4 AV	54.0	-7.6	1.52 H	33	44.0	2.4

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.

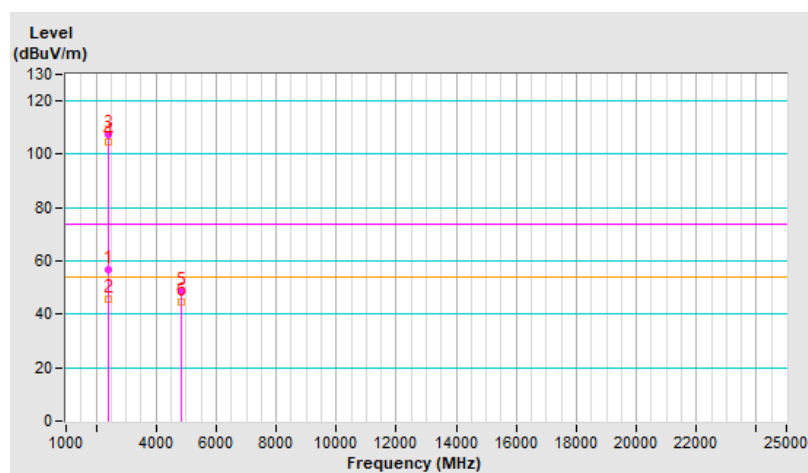


RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2388.10	56.6 PK	74.0	-17.4	3.80 V	32	59.4	-2.8
2	2388.10	45.7 AV	54.0	-8.3	3.80 V	32	48.5	-2.8
3	*2412.00	107.2 PK			3.80 V	32	110.1	-2.9
4	*2412.00	104.8 AV			3.80 V	32	107.7	-2.9
5	4824.00	48.3 PK	74.0	-25.7	3.62 V	313	45.9	2.4
6	4824.00	44.5 AV	54.0	-9.5	3.62 V	313	42.1	2.4

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.

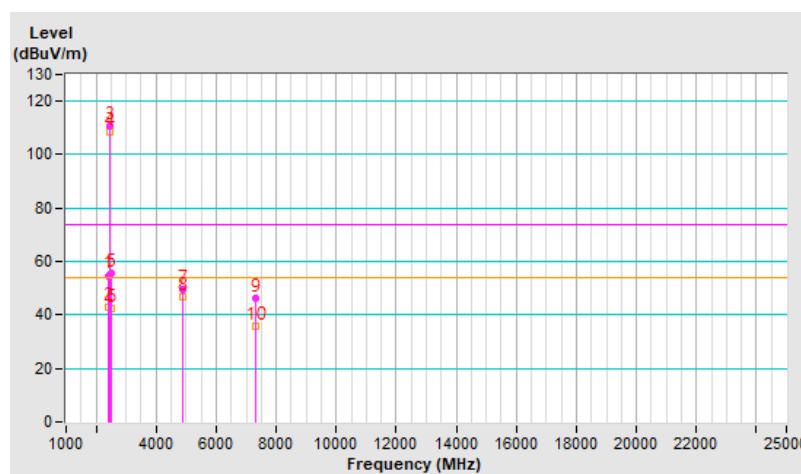


RF Mode	802.11b	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	54.8 PK	74.0	-19.2	1.09 H	112	57.6	-2.8
2	2390.00	42.7 AV	54.0	-11.3	1.09 H	112	45.5	-2.8
3	*2437.00	110.9 PK			1.09 H	112	113.8	-2.9
4	*2437.00	108.6 AV			1.09 H	112	111.5	-2.9
5	2483.50	55.6 PK	74.0	-18.4	1.09 H	112	58.3	-2.7
6	2483.50	42.6 AV	54.0	-11.4	1.09 H	112	45.3	-2.7
7	4874.00	49.8 PK	74.0	-24.2	1.49 H	25	47.6	2.2
8	4874.00	46.7 AV	54.0	-7.3	1.49 H	25	44.5	2.2
9	7311.00	46.1 PK	74.0	-27.9	1.19 H	41	38.4	7.7
10	7311.00	35.9 AV	54.0	-18.1	1.19 H	41	28.2	7.7

Remarks:

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

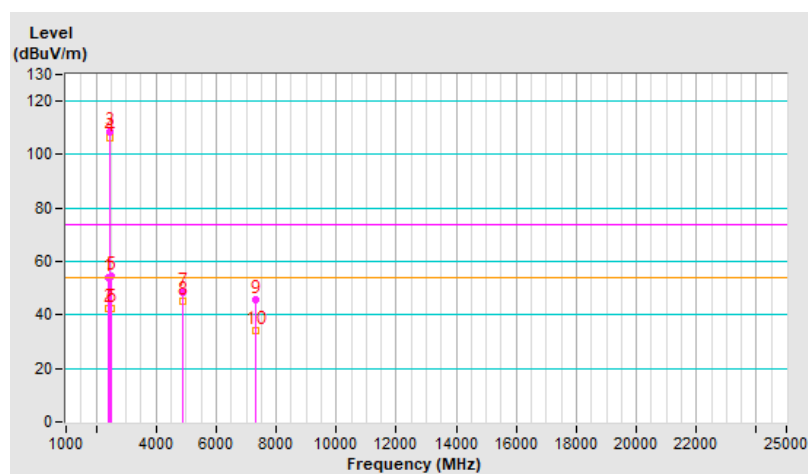


RF Mode	802.11b	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	54.2 PK	74.0	-19.8	3.95 V	25	57.0	-2.8
2	2390.00	42.5 AV	54.0	-11.5	3.95 V	25	45.3	-2.8
3	*2437.00	108.3 PK			3.95 V	25	111.2	-2.9
4	*2437.00	106.3 AV			3.95 V	25	109.2	-2.9
5	2483.50	54.7 PK	74.0	-19.3	3.95 V	25	57.4	-2.7
6	2483.50	42.3 AV	54.0	-11.7	3.95 V	25	45.0	-2.7
7	4874.00	48.5 PK	74.0	-25.5	3.67 V	310	46.3	2.2
8	4874.00	44.9 AV	54.0	-9.1	3.67 V	310	42.7	2.2
9	7311.00	45.8 PK	74.0	-28.2	3.86 V	20	38.1	7.7
10	7311.00	34.1 AV	54.0	-19.9	3.86 V	20	26.4	7.7

Remarks:

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

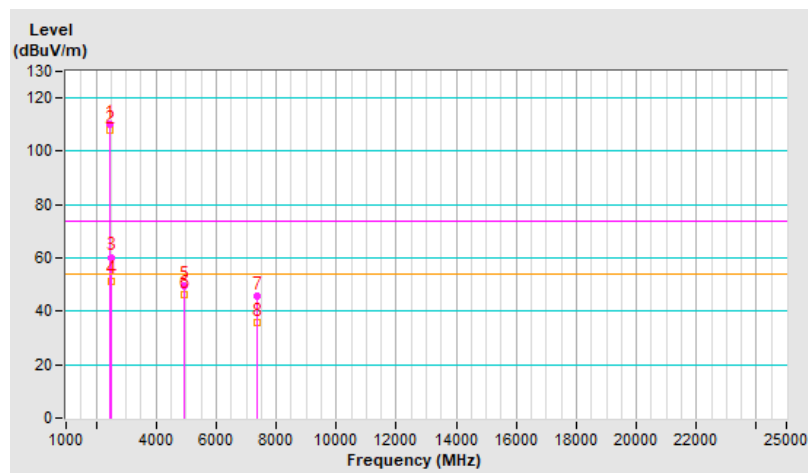


RF Mode	802.11b	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	110.2 PK			1.04 H	114	113.0	-2.8
2	*2462.00	107.9 AV			1.04 H	114	110.7	-2.8
3	2483.50	60.3 PK	74.0	-13.7	1.04 H	114	63.0	-2.7
4	2483.50	51.5 AV	54.0	-2.5	1.04 H	114	54.2	-2.7
5	4924.00	49.6 PK	74.0	-24.4	1.47 H	35	47.3	2.3
6	4924.00	46.3 AV	54.0	-7.7	1.47 H	35	44.0	2.3
7	7386.00	45.7 PK	74.0	-28.3	1.21 H	27	37.8	7.9
8	7386.00	35.7 AV	54.0	-18.3	1.21 H	27	27.8	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

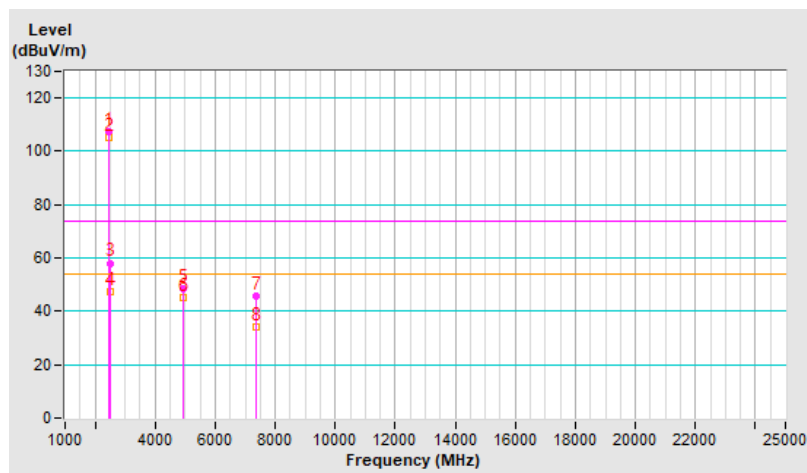


RF Mode	802.11b	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	107.6 PK			4.00 V	22	110.4	-2.8
2	*2462.00	105.1 AV			4.00 V	22	107.9	-2.8
3	2483.50	58.1 PK	74.0	-15.9	4.00 V	22	60.8	-2.7
4	2483.50	47.2 AV	54.0	-6.8	4.00 V	22	49.9	-2.7
5	4924.00	48.4 PK	74.0	-25.6	3.68 V	306	46.1	2.3
6	4924.00	44.9 AV	54.0	-9.1	3.68 V	306	42.6	2.3
7	7386.00	45.7 PK	74.0	-28.3	3.87 V	22	37.8	7.9
8	7386.00	34.1 AV	54.0	-19.9	3.87 V	22	26.2	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

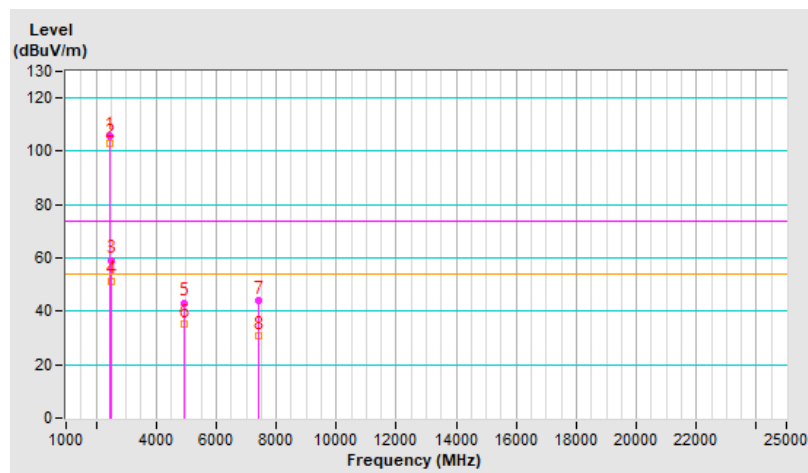


RF Mode	802.11b	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	105.5 PK			1.11 H	112	108.3	-2.8
2	*2467.00	103.2 AV			1.11 H	112	106.0	-2.8
3	2483.50	59.2 PK	74.0	-14.8	1.11 H	112	61.9	-2.7
4	2483.50	51.5 AV	54.0	-2.5	1.11 H	112	54.2	-2.7
5	4934.00	43.2 PK	74.0	-30.8	1.02 H	26	40.9	2.3
6	4934.00	35.4 AV	54.0	-18.6	1.02 H	26	33.1	2.3
7	7401.00	43.9 PK	74.0	-30.1	1.23 H	45	36.0	7.9
8	7401.00	30.9 AV	54.0	-23.1	1.23 H	45	23.0	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

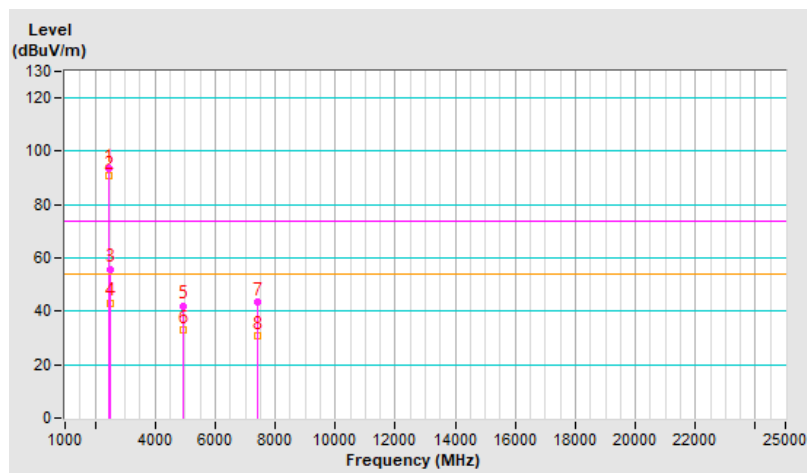


RF Mode	802.11b	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	93.6 PK			1.08 V	277	96.4	-2.8
2	*2467.00	90.8 AV			1.08 V	277	93.6	-2.8
3	2483.50	55.9 PK	74.0	-18.1	1.08 V	277	58.6	-2.7
4	2483.50	43.2 AV	54.0	-10.8	1.08 V	277	45.9	-2.7
5	4934.00	42.1 PK	74.0	-31.9	1.11 V	86	39.8	2.3
6	4934.00	33.2 AV	54.0	-20.8	1.11 V	86	30.9	2.3
7	7401.00	43.4 PK	74.0	-30.6	1.21 V	254	35.5	7.9
8	7401.00	30.8 AV	54.0	-23.2	1.21 V	254	22.9	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

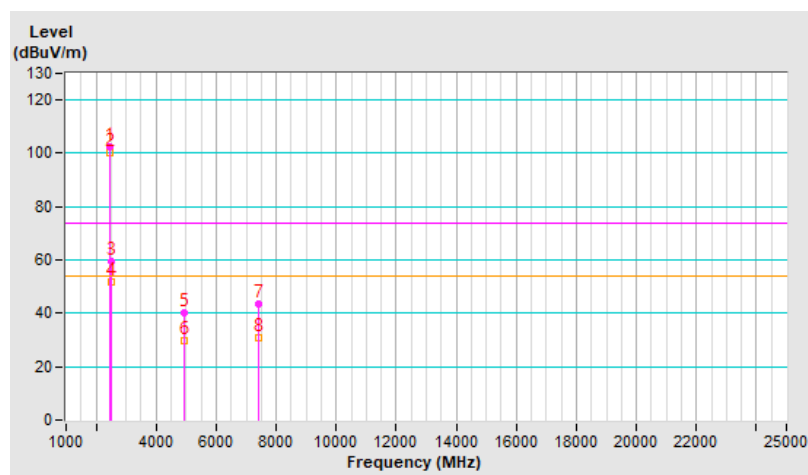


RF Mode	802.11b	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	102.6 PK			1.05 H	111	105.3	-2.7
2	*2472.00	100.0 AV			1.05 H	111	102.7	-2.7
3	2483.50	59.6 PK	74.0	-14.4	1.05 H	111	62.3	-2.7
4	2483.50	51.8 AV	54.0	-2.2	1.05 H	111	54.5	-2.7
5	4944.00	40.3 PK	74.0	-33.7	1.05 H	22	38.0	2.3
6	4944.00	29.7 AV	54.0	-24.3	1.05 H	22	27.4	2.3
7	7416.00	43.5 PK	74.0	-30.5	1.21 H	45	35.7	7.8
8	7416.00	30.8 AV	54.0	-23.2	1.21 H	45	23.0	7.8

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.

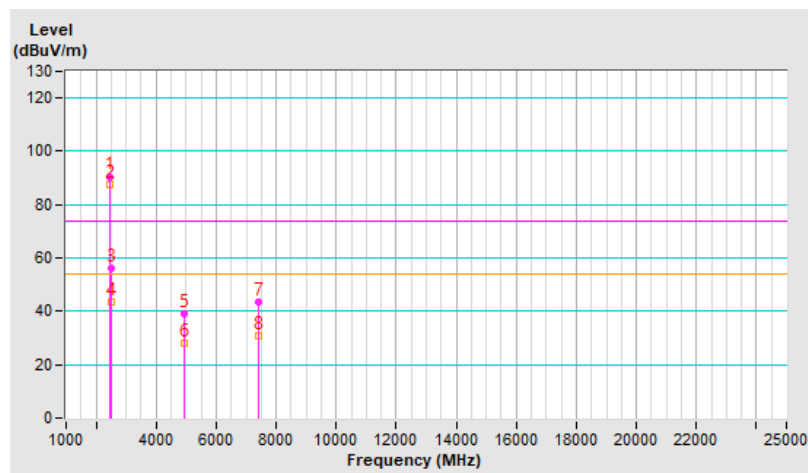


RF Mode	802.11b	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	90.6 PK			1.00 V	277	93.3	-2.7
2	*2472.00	87.7 AV			1.00 V	277	90.4	-2.7
3	2483.50	56.0 PK	74.0	-18.0	1.00 V	277	58.7	-2.7
4	2483.50	43.4 AV	54.0	-10.6	1.00 V	277	46.1	-2.7
5	4944.00	39.2 PK	74.0	-34.8	1.05 V	76	36.9	2.3
6	4944.00	28.3 AV	54.0	-25.7	1.05 V	76	26.0	2.3
7	7416.00	43.3 PK	74.0	-30.7	1.58 V	284	35.5	7.8
8	7416.00	30.6 AV	54.0	-23.4	1.58 V	284	22.8	7.8

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.

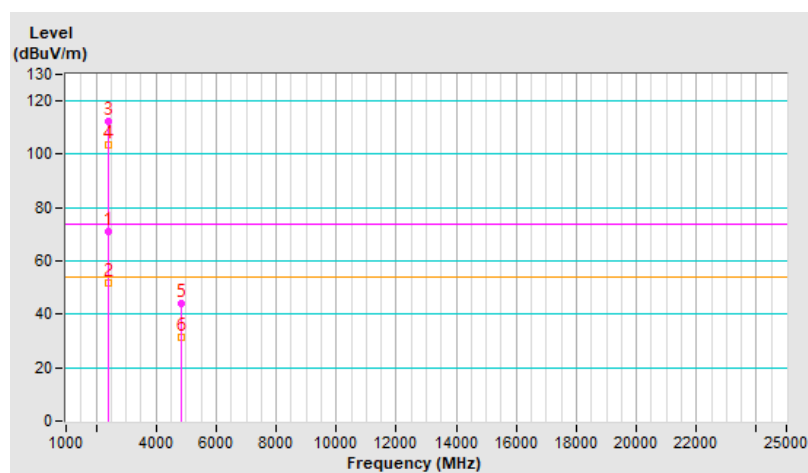


RF Mode	802.11g	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	71.1 PK	74.0	-2.9	1.15 H	112	73.9	-2.8
2	2390.00	51.8 AV	54.0	-2.2	1.15 H	112	54.6	-2.8
3	*2412.00	112.4 PK			1.15 H	112	115.3	-2.9
4	*2412.00	103.5 AV			1.15 H	112	106.4	-2.9
5	4824.00	43.9 PK	74.0	-30.1	1.13 H	13	41.5	2.4
6	4824.00	31.2 AV	54.0	-22.8	1.13 H	13	28.8	2.4

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.

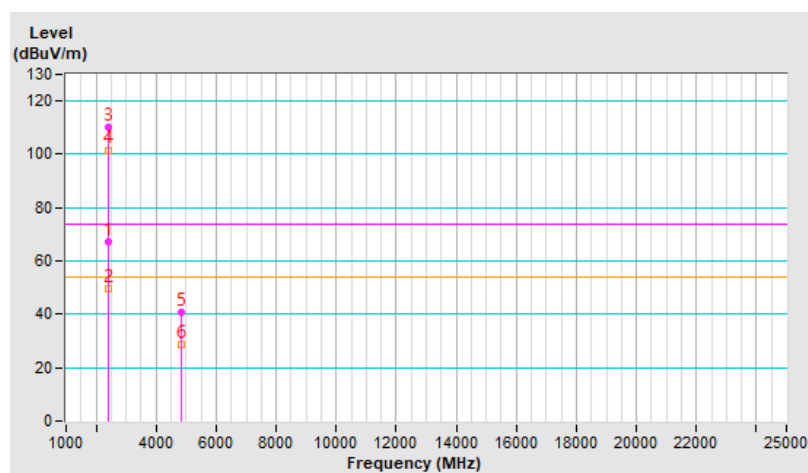


RF Mode	802.11g	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	67.4 PK	74.0	-6.6	3.82 V	31	70.2	-2.8
2	2390.00	49.6 AV	54.0	-4.4	3.82 V	31	52.4	-2.8
3	*2412.00	110.2 PK			3.82 V	31	113.1	-2.9
4	*2412.00	101.6 AV			3.82 V	31	104.5	-2.9
5	4824.00	40.7 PK	74.0	-33.3	1.05 V	300	38.3	2.4
6	4824.00	28.7 AV	54.0	-25.3	1.05 V	300	26.3	2.4

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.

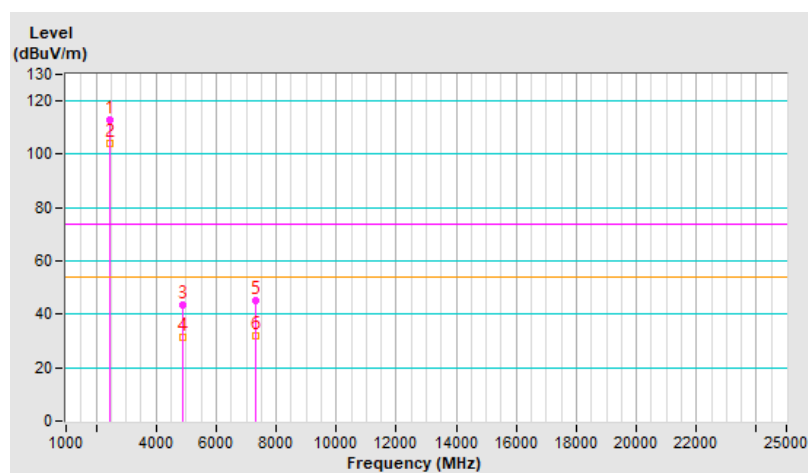


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	112.8 PK			1.12 H	115	115.7	-2.9
2	*2437.00	104.1 AV			1.12 H	115	107.0	-2.9
3	4874.00	43.7 PK	74.0	-30.3	1.01 H	23	41.5	2.2
4	4874.00	31.3 AV	54.0	-22.7	1.01 H	23	29.1	2.2
5	7311.00	45.1 PK	74.0	-28.9	1.08 H	16	37.4	7.7
6	7311.00	31.8 AV	54.0	-22.2	1.08 H	16	24.1	7.7

Remarks:

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

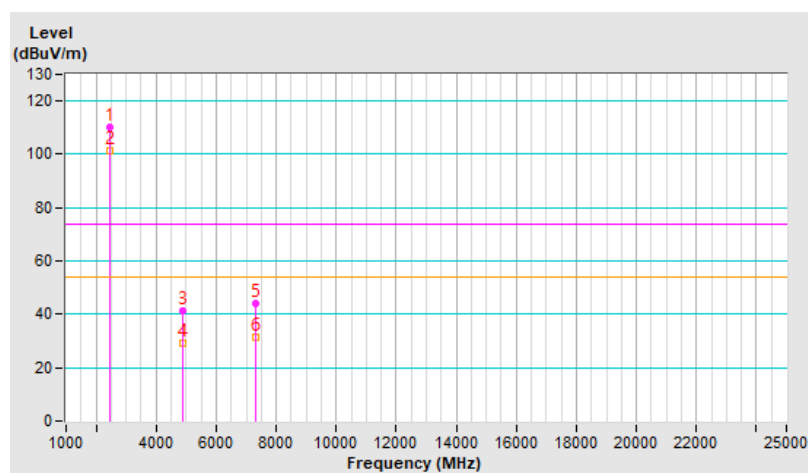


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	110.2 PK			3.98 V	32	113.1	-2.9
2	*2437.00	101.3 AV			3.98 V	32	104.2	-2.9
3	4874.00	41.1 PK	74.0	-32.9	1.02 V	287	38.9	2.2
4	4874.00	29.2 AV	54.0	-24.8	1.02 V	287	27.0	2.2
5	7311.00	44.3 PK	74.0	-29.7	3.26 V	135	36.6	7.7
6	7311.00	31.6 AV	54.0	-22.4	3.26 V	135	23.9	7.7

Remarks:

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

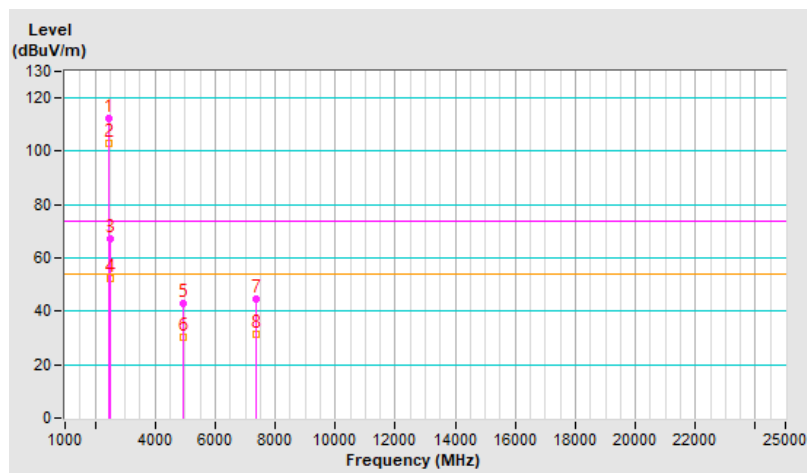


RF Mode	802.11g	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	112.3 PK			1.04 H	113	115.1	-2.8
2	*2462.00	103.1 AV			1.04 H	113	105.9	-2.8
3	2483.50	67.1 PK	74.0	-6.9	1.04 H	113	69.8	-2.7
4	2483.50	52.1 AV	54.0	-1.9	1.04 H	113	54.8	-2.7
5	4924.00	43.1 PK	74.0	-30.9	1.03 H	27	40.8	2.3
6	4924.00	30.5 AV	54.0	-23.5	1.03 H	27	28.2	2.3
7	7386.00	44.6 PK	74.0	-29.4	1.03 H	27	36.7	7.9
8	7386.00	31.2 AV	54.0	-22.8	1.03 H	27	23.3	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

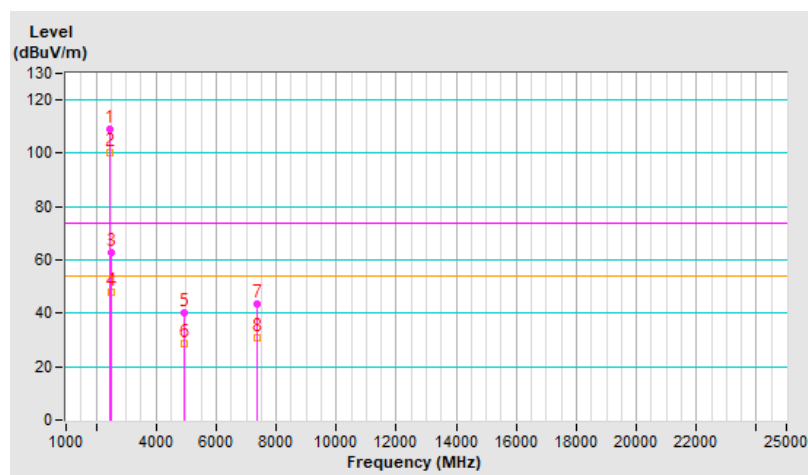


RF Mode	802.11g	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	109.2 PK			4.00 V	22	112.0	-2.8
2	*2462.00	100.1 AV			4.00 V	22	102.9	-2.8
3	2483.50	62.9 PK	74.0	-11.1	4.00 V	22	65.6	-2.7
4	2483.50	48.0 AV	54.0	-6.0	4.00 V	22	50.7	-2.7
5	4924.00	40.2 PK	74.0	-33.8	1.01 V	301	37.9	2.3
6	4924.00	28.4 AV	54.0	-25.6	1.01 V	301	26.1	2.3
7	7386.00	43.5 PK	74.0	-30.5	3.25 V	125	35.6	7.9
8	7386.00	30.8 AV	54.0	-23.2	3.25 V	125	22.9	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

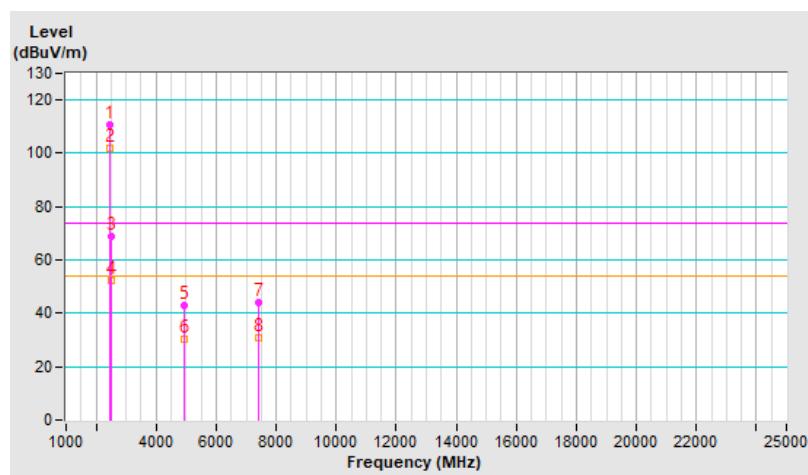


RF Mode	802.11g	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	110.6 PK			1.09 H	110	113.4	-2.8
2	*2467.00	101.8 AV			1.09 H	110	104.6	-2.8
3	2483.50	68.8 PK	74.0	-5.2	1.09 H	110	71.5	-2.7
4	2483.50	52.1 AV	54.0	-1.9	1.09 H	110	54.8	-2.7
5	4934.00	42.8 PK	74.0	-31.2	1.05 H	23	40.5	2.3
6	4934.00	30.1 AV	54.0	-23.9	1.05 H	23	27.8	2.3
7	7401.00	44.1 PK	74.0	-29.9	1.04 H	36	36.2	7.9
8	7401.00	30.8 AV	54.0	-23.2	1.04 H	36	22.9	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

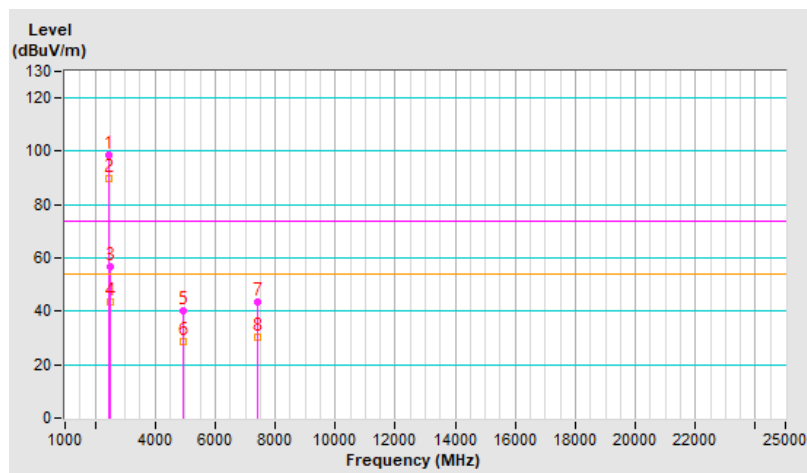


RF Mode	802.11g	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	98.7 PK			1.11 V	278	101.5	-2.8
2	*2467.00	89.8 AV			1.11 V	278	92.6	-2.8
3	2483.50	56.5 PK	74.0	-17.5	1.11 V	278	59.2	-2.7
4	2483.50	43.7 AV	54.0	-10.3	1.11 V	278	46.4	-2.7
5	4934.00	40.4 PK	74.0	-33.6	1.05 V	294	38.1	2.3
6	4934.00	28.6 AV	54.0	-25.4	1.05 V	294	26.3	2.3
7	7401.00	43.7 PK	74.0	-30.3	3.22 V	114	35.8	7.9
8	7401.00	30.5 AV	54.0	-23.5	3.22 V	114	22.6	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

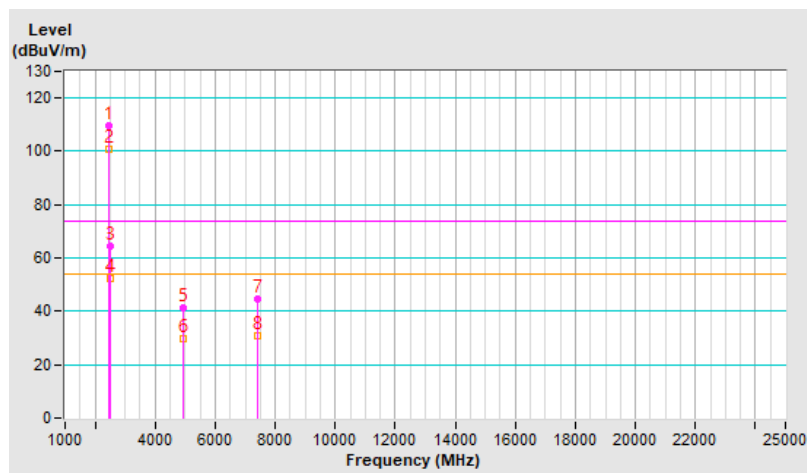


RF Mode	802.11g	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	109.7 PK			1.06 H	111	112.4	-2.7
2	*2472.00	100.8 AV			1.06 H	111	103.5	-2.7
3	2483.50	64.5 PK	74.0	-9.5	1.06 H	111	67.2	-2.7
4	2483.50	52.2 AV	54.0	-1.8	1.06 H	111	54.9	-2.7
5	4944.00	41.5 PK	74.0	-32.5	1.02 H	15	39.2	2.3
6	4944.00	29.7 AV	54.0	-24.3	1.02 H	15	27.4	2.3
7	7416.00	44.5 PK	74.0	-29.5	1.05 H	17	36.7	7.8
8	7416.00	30.9 AV	54.0	-23.1	1.05 H	17	23.1	7.8

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.

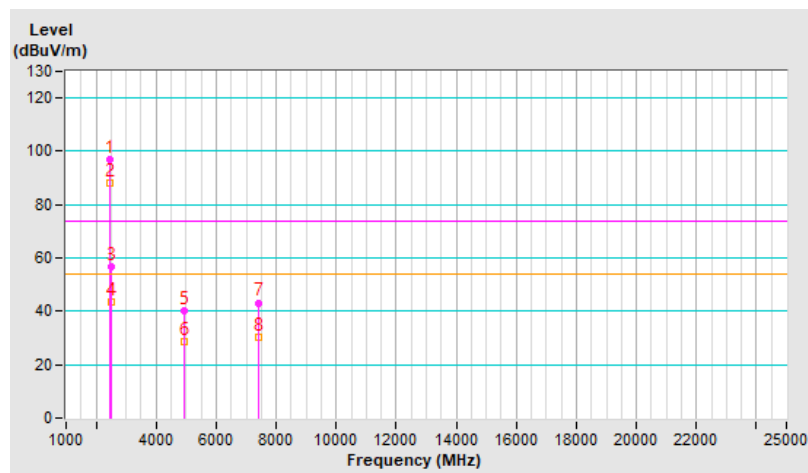


RF Mode	802.11g	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	97.1 PK			1.03 V	276	99.8	-2.7
2	*2472.00	88.3 AV			1.03 V	276	91.0	-2.7
3	2483.50	56.5 PK	74.0	-17.5	1.03 V	276	59.2	-2.7
4	2483.50	43.7 AV	54.0	-10.3	1.03 V	276	46.4	-2.7
5	4944.00	40.3 PK	74.0	-33.7	1.01 V	301	38.0	2.3
6	4944.00	28.7 AV	54.0	-25.3	1.01 V	301	26.4	2.3
7	7416.00	43.2 PK	74.0	-30.8	3.20 V	125	35.4	7.8
8	7416.00	30.4 AV	54.0	-23.6	3.20 V	125	22.6	7.8

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.

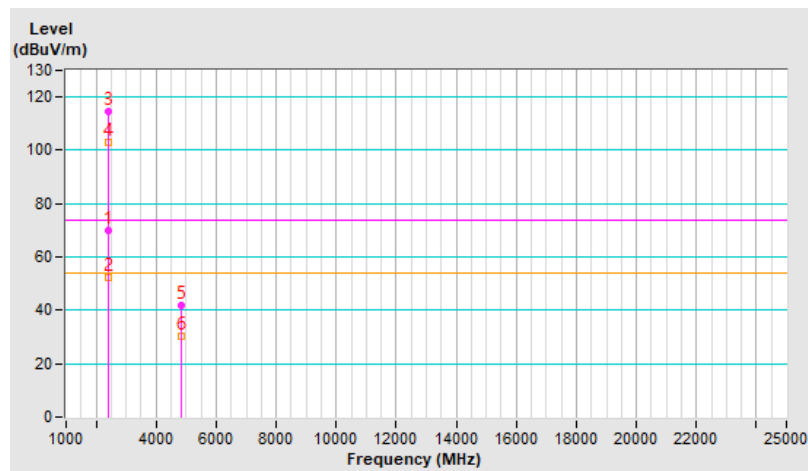


RF Mode	VHT20	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	69.8 PK	74.0	-4.2	1.22 H	107	72.6	-2.8
2	2390.00	52.1 AV	54.0	-1.9	1.22 H	107	54.9	-2.8
3	*2412.00	114.6 PK			1.22 H	107	117.5	-2.9
4	*2412.00	103.1 AV			1.22 H	107	106.0	-2.9
5	4824.00	41.9 PK	74.0	-32.1	1.11 H	359	39.5	2.4
6	4824.00	30.1 AV	54.0	-23.9	1.11 H	359	27.7	2.4

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.

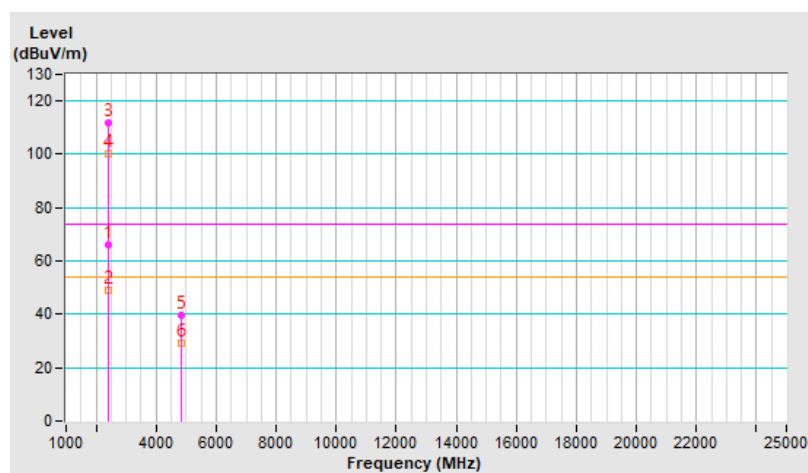


RF Mode	VHT20	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	66.1 PK	74.0	-7.9	3.84 V	28	68.9	-2.8
2	2390.00	49.2 AV	54.0	-4.8	3.84 V	28	52.0	-2.8
3	*2412.00	111.7 PK			3.84 V	28	114.6	-2.9
4	*2412.00	100.4 AV			3.84 V	28	103.3	-2.9
5	4824.00	39.7 PK	74.0	-34.3	3.92 V	283	37.3	2.4
6	4824.00	29.3 AV	54.0	-24.7	3.92 V	283	26.9	2.4

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.

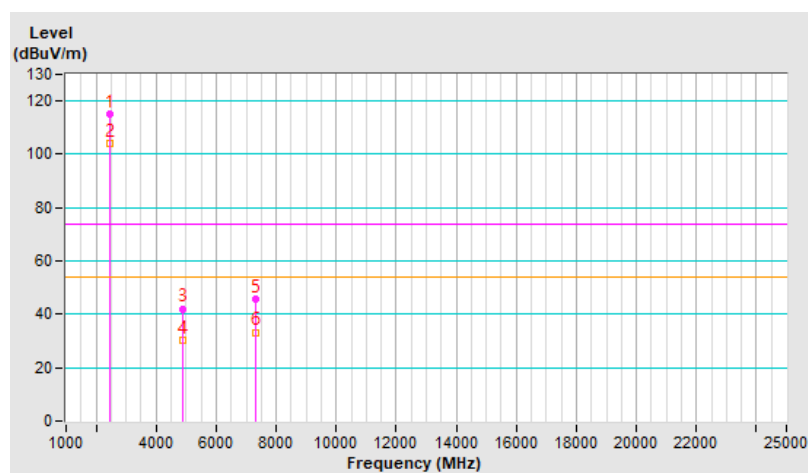


RF Mode	VHT20	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	115.0 PK			1.22 H	106	117.9	-2.9
2	*2437.00	104.0 AV			1.22 H	106	106.9	-2.9
3	4874.00	42.1 PK	74.0	-31.9	1.13 H	360	39.9	2.2
4	4874.00	30.3 AV	54.0	-23.7	1.13 H	360	28.1	2.2
5	7311.00	45.9 PK	74.0	-28.1	1.82 H	61	38.2	7.7
6	7311.00	33.3 AV	54.0	-20.7	1.82 H	61	25.6	7.7

Remarks:

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

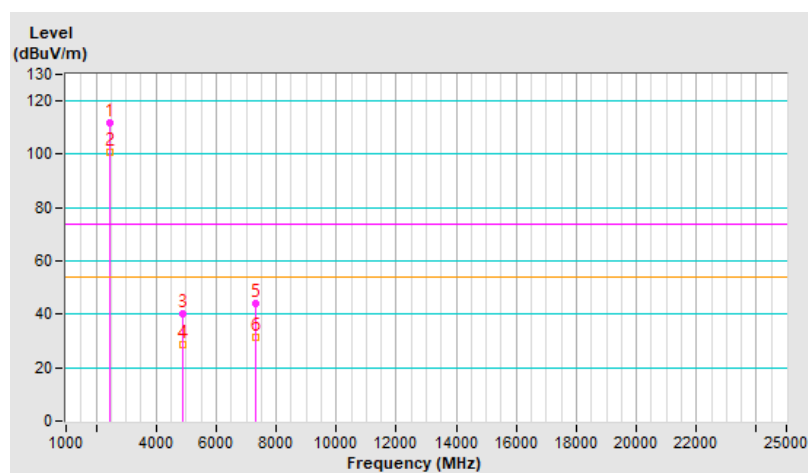


RF Mode	VHT20	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	112.0 PK			3.52 V	43	114.9	-2.9
2	*2437.00	101.0 AV			3.52 V	43	103.9	-2.9
3	4874.00	40.2 PK	74.0	-33.8	3.84 V	304	38.0	2.2
4	4874.00	28.4 AV	54.0	-25.6	3.84 V	304	26.2	2.2
5	7311.00	44.3 PK	74.0	-29.7	4.00 V	327	36.6	7.7
6	7311.00	31.3 AV	54.0	-22.7	4.00 V	327	23.6	7.7

Remarks:

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

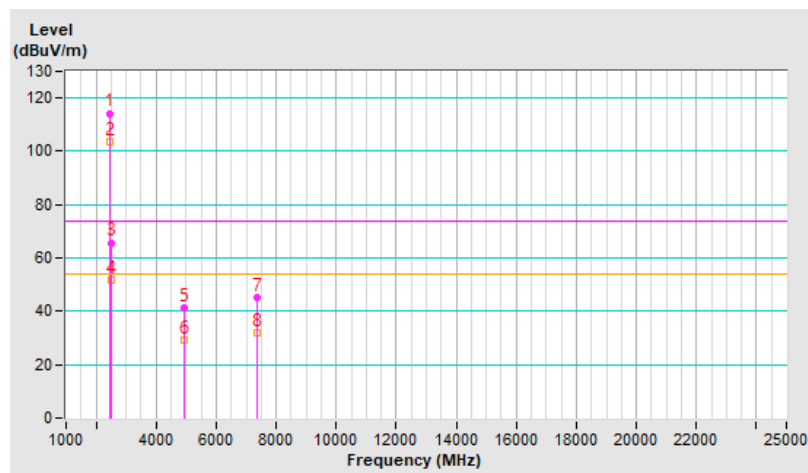


RF Mode	VHT20	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	114.3 PK			3.21 H	87	117.1	-2.8
2	*2462.00	103.7 AV			3.21 H	87	106.5	-2.8
3	2483.50	65.8 PK	74.0	-8.2	3.21 H	87	68.5	-2.7
4	2483.50	52.0 AV	54.0	-2.0	3.21 H	87	54.7	-2.7
5	4924.00	41.5 PK	74.0	-32.5	1.23 H	357	39.2	2.3
6	4924.00	29.4 AV	54.0	-24.6	1.23 H	357	27.1	2.3
7	7386.00	45.2 PK	74.0	-28.8	1.58 H	46	37.3	7.9
8	7386.00	31.7 AV	54.0	-22.3	1.58 H	46	23.8	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

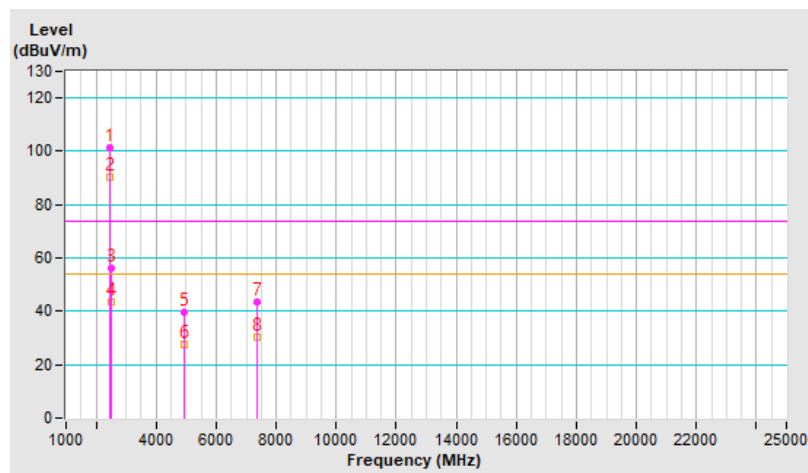


RF Mode	VHT20	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	101.5 PK			1.11 V	257	104.3	-2.8
2	*2462.00	90.2 AV			1.11 V	257	93.0	-2.8
3	2483.50	56.1 PK	74.0	-17.9	1.11 V	257	58.8	-2.7
4	2483.50	43.5 AV	54.0	-10.5	1.11 V	257	46.2	-2.7
5	4924.00	39.4 PK	74.0	-34.6	3.58 V	254	37.1	2.3
6	4924.00	27.7 AV	54.0	-26.3	3.58 V	254	25.4	2.3
7	7386.00	43.5 PK	74.0	-30.5	3.87 V	235	35.6	7.9
8	7386.00	30.2 AV	54.0	-23.8	3.87 V	235	22.3	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

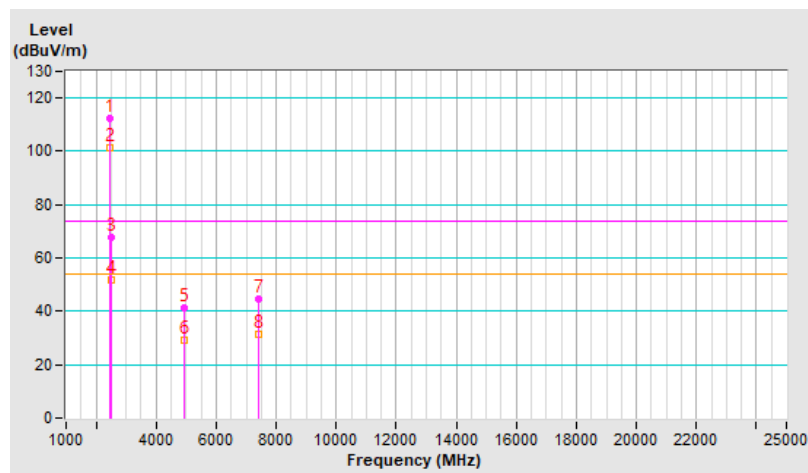


RF Mode	VHT20	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	112.3 PK			1.08 H	121	115.1	-2.8
2	*2467.00	101.3 AV			1.08 H	121	104.1	-2.8
3	2483.50	67.9 PK	74.0	-6.1	1.08 H	121	70.6	-2.7
4	2483.50	51.8 AV	54.0	-2.2	1.08 H	121	54.5	-2.7
5	4934.00	41.1 PK	74.0	-32.9	1.21 H	360	38.8	2.3
6	4934.00	29.1 AV	54.0	-24.9	1.21 H	360	26.8	2.3
7	7401.00	44.8 PK	74.0	-29.2	1.64 H	87	36.9	7.9
8	7401.00	31.2 AV	54.0	-22.8	1.64 H	87	23.3	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

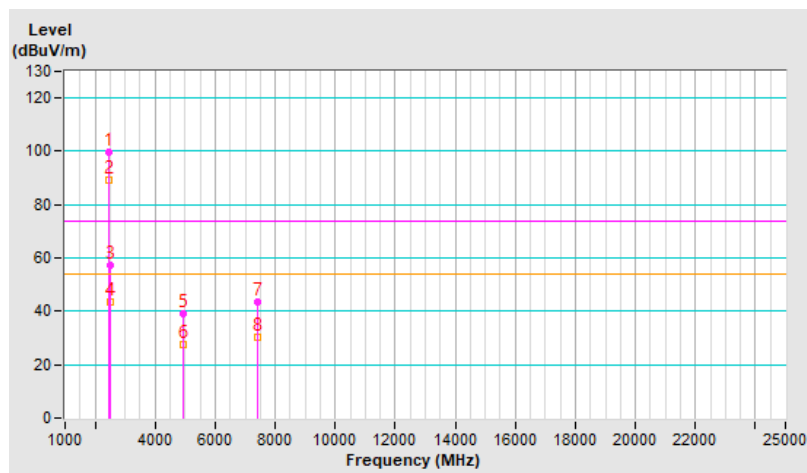


RF Mode	VHT20	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	99.8 PK			1.21 V	257	102.6	-2.8
2	*2467.00	89.3 AV			1.21 V	257	92.1	-2.8
3	2483.50	57.5 PK	74.0	-16.5	1.21 V	257	60.2	-2.7
4	2483.50	43.6 AV	54.0	-10.4	1.21 V	257	46.3	-2.7
5	4934.00	39.1 PK	74.0	-34.9	3.45 V	322	36.8	2.3
6	4934.00	27.6 AV	54.0	-26.4	3.45 V	322	25.3	2.3
7	7401.00	43.3 PK	74.0	-30.7	2.87 V	360	35.4	7.9
8	7401.00	30.2 AV	54.0	-23.8	2.87 V	360	22.3	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

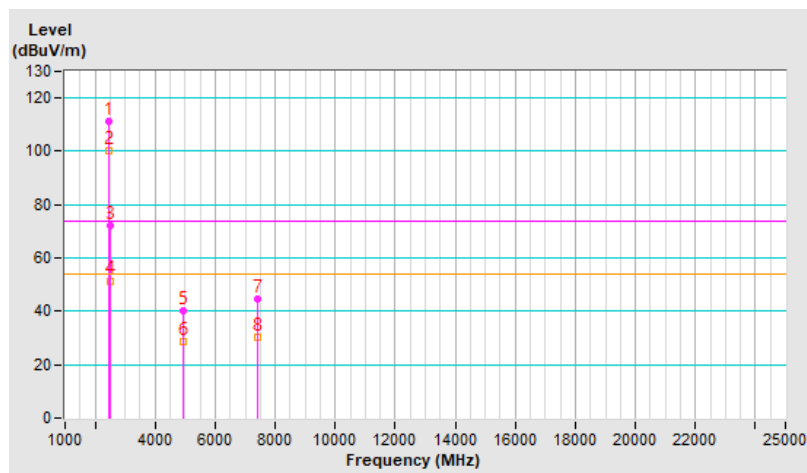


RF Mode	VHT20	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	111.3 PK			1.21 H	254	114.0	-2.7
2	*2472.00	100.4 AV			1.21 H	254	103.1	-2.7
3	2483.50	72.1 PK	74.0	-1.9	1.21 H	254	74.8	-2.7
4	2483.50	51.5 AV	54.0	-2.5	1.21 H	254	54.2	-2.7
5	4944.00	40.1 PK	74.0	-33.9	1.35 H	347	37.8	2.3
6	4944.00	28.5 AV	54.0	-25.5	1.35 H	347	26.2	2.3
7	7416.00	44.4 PK	74.0	-29.6	1.48 H	27	36.6	7.8
8	7416.00	30.5 AV	54.0	-23.5	1.48 H	27	22.7	7.8

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.

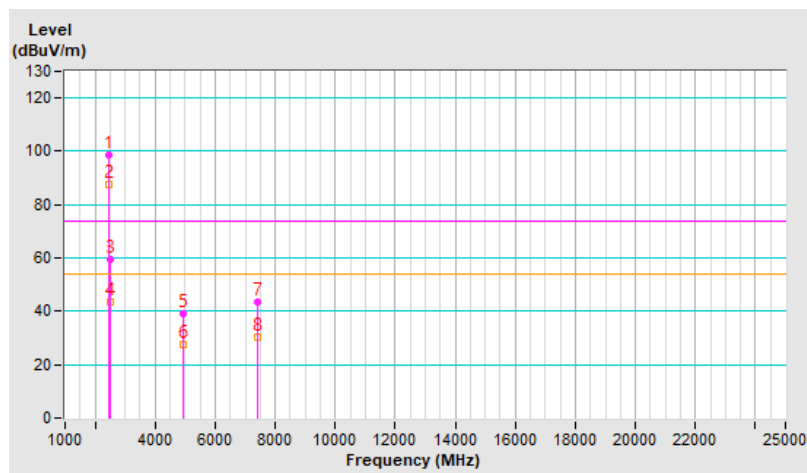


RF Mode	VHT20	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	98.6 PK			1.45 V	256	101.3	-2.7
2	*2472.00	87.5 AV			1.45 V	256	90.2	-2.7
3	2483.50	59.5 PK	74.0	-14.5	1.45 V	256	62.2	-2.7
4	2483.50	43.6 AV	54.0	-10.4	1.45 V	256	46.3	-2.7
5	4944.00	39.2 PK	74.0	-34.8	3.21 V	215	36.9	2.3
6	4944.00	27.3 AV	54.0	-26.7	3.21 V	215	25.0	2.3
7	7416.00	43.4 PK	74.0	-30.6	2.54 V	115	35.6	7.8
8	7416.00	30.4 AV	54.0	-23.6	2.54 V	115	22.6	7.8

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.

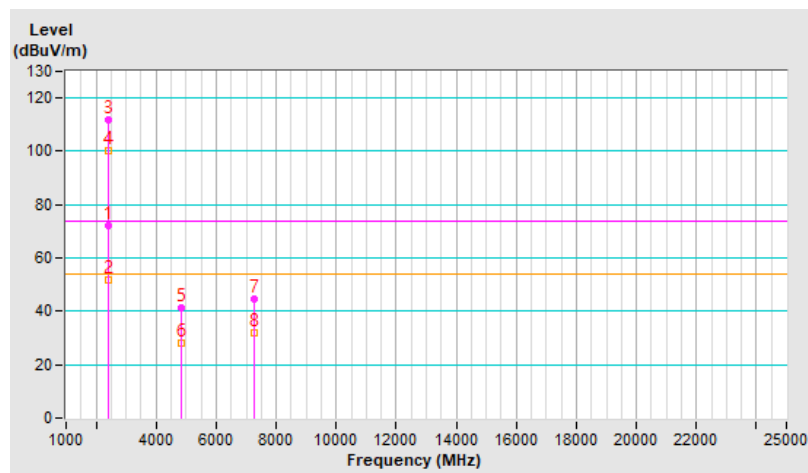


RF Mode	VHT40	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	72.1 PK	74.0	-1.9	1.47 H	189	74.9	-2.8
2	2390.00	52.0 AV	54.0	-2.0	1.47 H	189	54.8	-2.8
3	*2422.00	111.8 PK			1.47 H	189	114.7	-2.9
4	*2422.00	100.1 AV			1.47 H	189	103.0	-2.9
5	4844.00	41.2 PK	74.0	-32.8	1.27 H	67	38.9	2.3
6	4844.00	28.1 AV	54.0	-25.9	1.27 H	67	25.8	2.3
7	7266.00	44.8 PK	74.0	-29.2	1.22 H	187	37.2	7.6
8	7266.00	31.8 AV	54.0	-22.2	1.22 H	187	24.2	7.6

Remarks:

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

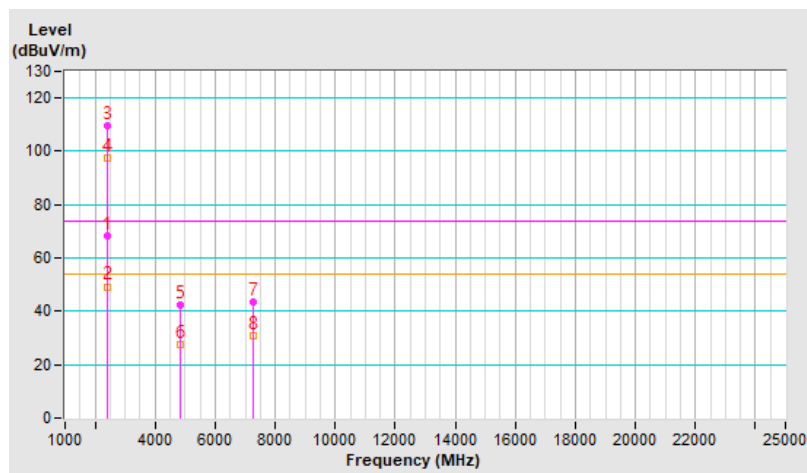


RF Mode	VHT40	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	68.1 PK	74.0	-5.9	3.25 V	54	70.9	-2.8
2	2390.00	49.3 AV	54.0	-4.7	3.25 V	54	52.1	-2.8
3	*2422.00	109.5 PK			3.25 V	54	112.4	-2.9
4	*2422.00	97.4 AV			3.25 V	54	100.3	-2.9
5	4844.00	42.5 PK	74.0	-31.5	1.21 V	78	40.2	2.3
6	4844.00	27.7 AV	54.0	-26.3	1.21 V	78	25.4	2.3
7	7266.00	43.5 PK	74.0	-30.5	1.24 V	345	35.9	7.6
8	7266.00	30.6 AV	54.0	-23.4	1.24 V	345	23.0	7.6

Remarks:

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

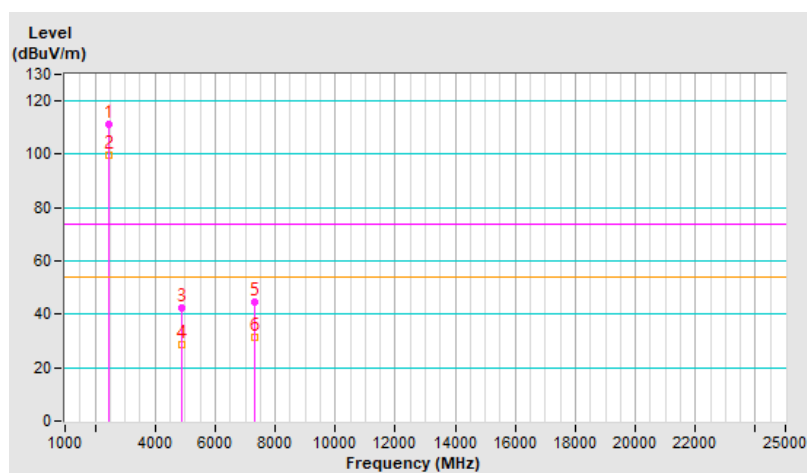


RF Mode	VHT40	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	111.3 PK			1.25 H	254	114.2	-2.9
2	*2437.00	99.7 AV			1.25 H	254	102.6	-2.9
3	4874.00	42.5 PK	74.0	-31.5	1.25 H	87	40.3	2.2
4	4874.00	28.6 AV	54.0	-25.4	1.25 H	87	26.4	2.2
5	7311.00	44.5 PK	74.0	-29.5	2.11 H	145	36.8	7.7
6	7311.00	31.4 AV	54.0	-22.6	2.11 H	145	23.7	7.7

Remarks:

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

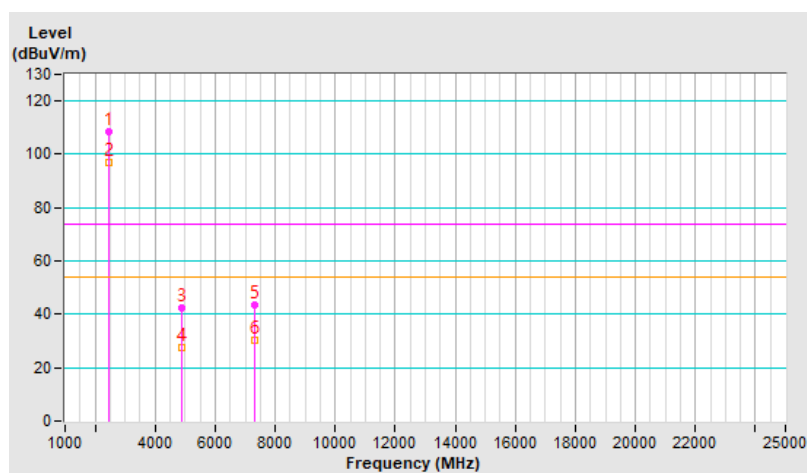


RF Mode	VHT40	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	108.4 PK			3.88 V	55	111.3	-2.9
2	*2437.00	97.1 AV			3.88 V	55	100.0	-2.9
3	4874.00	42.2 PK	74.0	-31.8	1.21 V	87	40.0	2.2
4	4874.00	27.4 AV	54.0	-26.6	1.21 V	87	25.2	2.2
5	7311.00	43.3 PK	74.0	-30.7	1.29 V	345	35.6	7.7
6	7311.00	30.5 AV	54.0	-23.5	1.29 V	345	22.8	7.7

Remarks:

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

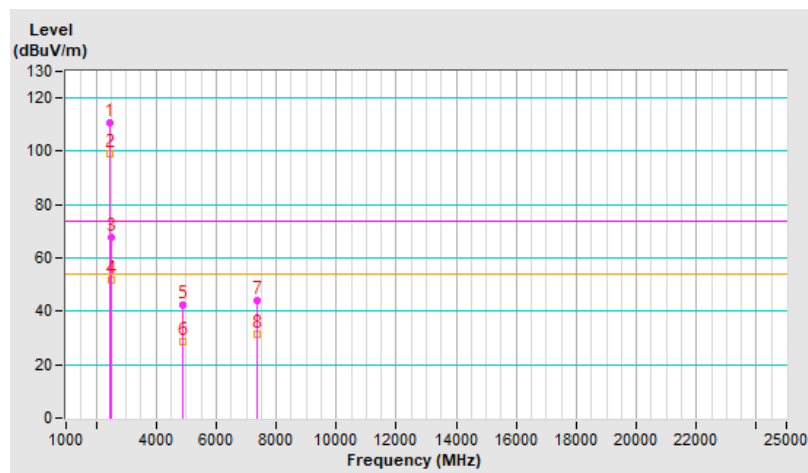


RF Mode	VHT40	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2452.00	110.5 PK			1.22 H	132	113.2	-2.7
2	*2452.00	98.9 AV			1.22 H	132	101.6	-2.7
3	2483.50	67.7 PK	74.0	-6.3	1.22 H	132	70.4	-2.7
4	2483.50	51.6 AV	54.0	-2.4	1.22 H	132	54.3	-2.7
5	4904.00	42.6 PK	74.0	-31.4	1.25 H	25	40.4	2.2
6	4904.00	28.7 AV	54.0	-25.3	1.25 H	25	26.5	2.2
7	7356.00	44.1 PK	74.0	-29.9	1.16 H	124	36.2	7.9
8	7356.00	31.2 AV	54.0	-22.8	1.16 H	124	23.3	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

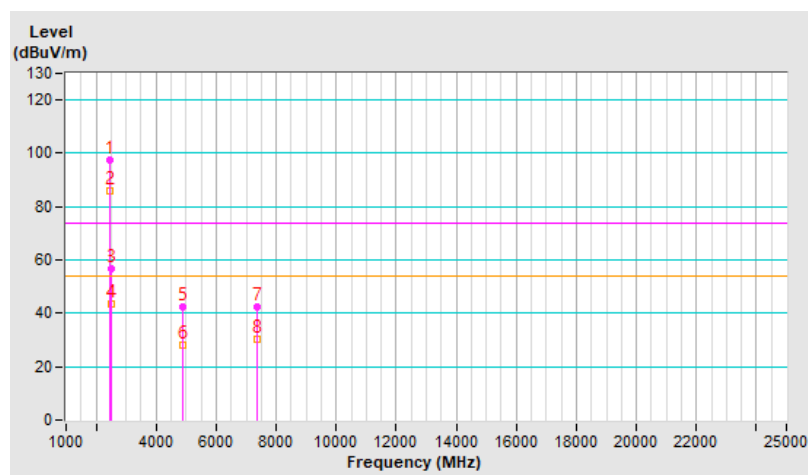


RF Mode	VHT40	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2452.00	97.4 PK			1.25 V	257	100.1	-2.7
2	*2452.00	85.9 AV			1.25 V	257	88.6	-2.7
3	2483.50	56.6 PK	74.0	-17.4	1.25 V	257	59.3	-2.7
4	2483.50	43.5 AV	54.0	-10.5	1.25 V	257	46.2	-2.7
5	4904.00	42.5 PK	74.0	-31.5	1.22 V	98	40.3	2.2
6	4904.00	28.0 AV	54.0	-26.0	1.22 V	98	25.8	2.2
7	7356.00	42.5 PK	74.0	-31.5	1.89 V	321	34.6	7.9
8	7356.00	30.2 AV	54.0	-23.8	1.89 V	321	22.3	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

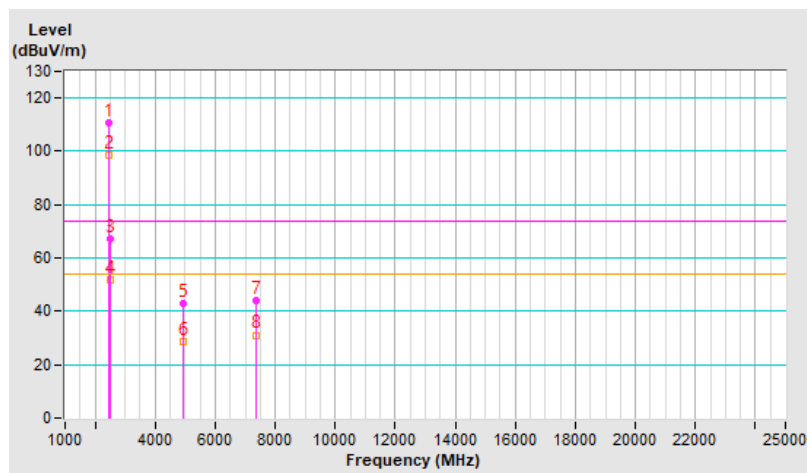


RF Mode	VHT40	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2457.00	110.5 PK			1.10 H	121	113.2	-2.7
2	*2457.00	98.5 AV			1.10 H	121	101.2	-2.7
3	2483.50	67.1 PK	74.0	-6.9	1.10 H	121	69.8	-2.7
4	2483.50	51.9 AV	54.0	-2.1	1.10 H	121	54.6	-2.7
5	4914.00	42.7 PK	74.0	-31.3	1.21 H	65	40.5	2.2
6	4914.00	28.4 AV	54.0	-25.6	1.21 H	65	26.2	2.2
7	7371.00	44.2 PK	74.0	-29.8	1.13 H	154	36.3	7.9
8	7371.00	31.1 AV	54.0	-22.9	1.13 H	154	23.2	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

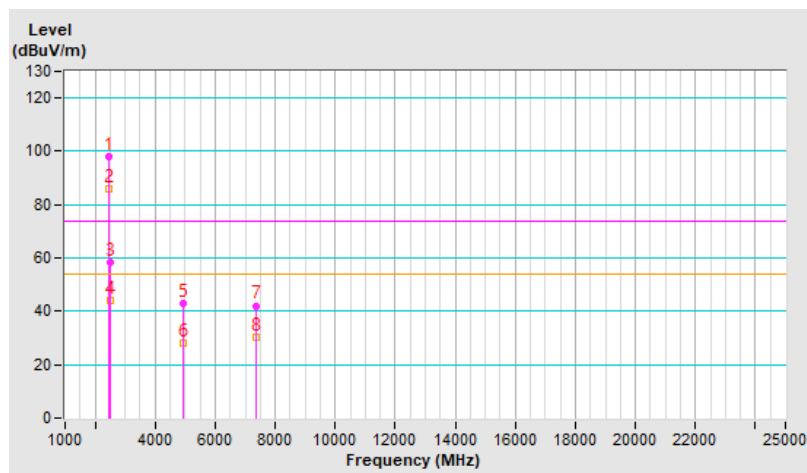


RF Mode	VHT40	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2457.00	98.0 PK			1.22 V	284	100.7	-2.7
2	*2457.00	86.1 AV			1.22 V	284	88.8	-2.7
3	2483.50	58.5 PK	74.0	-15.5	1.22 V	284	61.2	-2.7
4	2483.50	43.9 AV	54.0	-10.1	1.22 V	284	46.6	-2.7
5	4914.00	42.8 PK	74.0	-31.2	1.23 V	87	40.6	2.2
6	4914.00	28.1 AV	54.0	-25.9	1.23 V	87	25.9	2.2
7	7371.00	42.1 PK	74.0	-31.9	1.54 V	323	34.2	7.9
8	7371.00	30.1 AV	54.0	-23.9	1.54 V	323	22.2	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

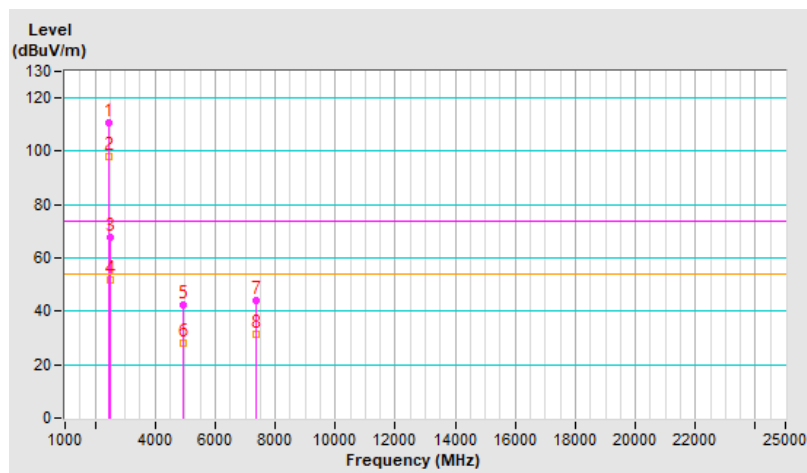


RF Mode	VHT40	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	110.9 PK			1.18 H	117	113.7	-2.8
2	*2462.00	98.2 AV			1.18 H	117	101.0	-2.8
3	2483.50	67.5 PK	74.0	-6.5	1.18 H	117	70.2	-2.7
4	2483.50	51.8 AV	54.0	-2.2	1.18 H	117	54.5	-2.7
5	4924.00	42.6 PK	74.0	-31.4	1.07 H	26	40.3	2.3
6	4924.00	28.3 AV	54.0	-25.7	1.07 H	26	26.0	2.3
7	7386.00	43.8 PK	74.0	-30.2	1.21 H	157	35.9	7.9
8	7386.00	31.2 AV	54.0	-22.8	1.21 H	157	23.3	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

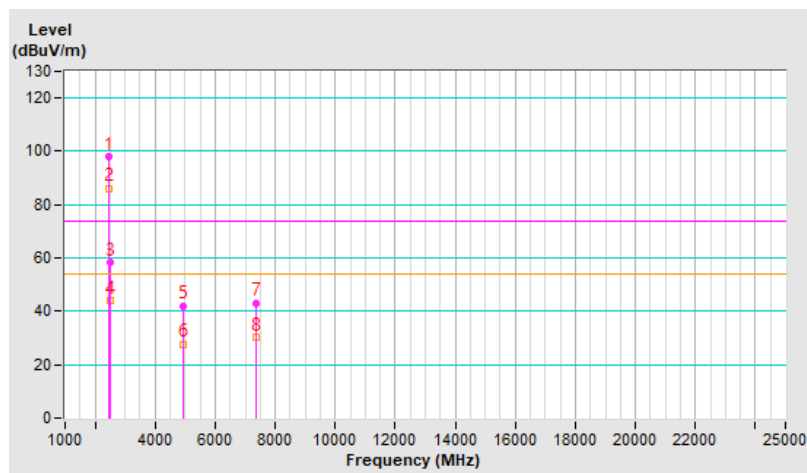


RF Mode	VHT40	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	97.8 PK			1.05 V	284	100.6	-2.8
2	*2462.00	86.2 AV			1.05 V	284	89.0	-2.8
3	2483.50	58.5 PK	74.0	-15.5	1.05 V	284	61.2	-2.7
4	2483.50	43.9 AV	54.0	-10.1	1.05 V	284	46.6	-2.7
5	4924.00	42.1 PK	74.0	-31.9	1.04 V	87	39.8	2.3
6	4924.00	27.8 AV	54.0	-26.2	1.04 V	87	25.5	2.3
7	7386.00	43.2 PK	74.0	-30.8	1.54 V	351	35.3	7.9
8	7386.00	30.2 AV	54.0	-23.8	1.54 V	351	22.3	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

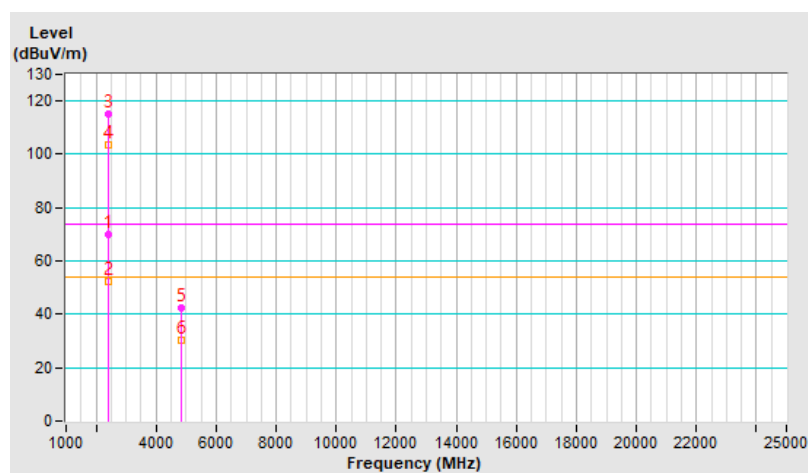


RF Mode	802.11ax (HE20)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	70.1 PK	74.0	-3.9	1.16 H	114	72.9	-2.8
2	2390.00	52.4 AV	54.0	-1.6	1.16 H	114	55.2	-2.8
3	*2412.00	114.9 PK			1.16 H	114	117.8	-2.9
4	*2412.00	103.3 AV			1.16 H	114	106.2	-2.9
5	4824.00	42.3 PK	74.0	-31.7	1.05 H	360	39.9	2.4
6	4824.00	30.5 AV	54.0	-23.5	1.05 H	360	28.1	2.4

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.

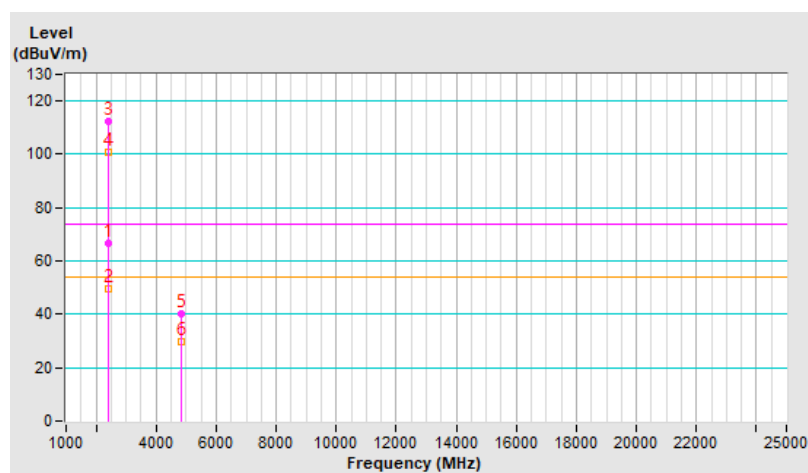


RF Mode	802.11ax (HE20)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	66.5 PK	74.0	-7.5	3.79 V	33	69.3	-2.8
2	2390.00	49.5 AV	54.0	-4.5	3.79 V	33	52.3	-2.8
3	*2412.00	112.3 PK			3.79 V	33	115.2	-2.9
4	*2412.00	100.7 AV			3.79 V	33	103.6	-2.9
5	4824.00	40.2 PK	74.0	-33.8	3.87 V	288	37.8	2.4
6	4824.00	29.5 AV	54.0	-24.5	3.87 V	288	27.1	2.4

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.

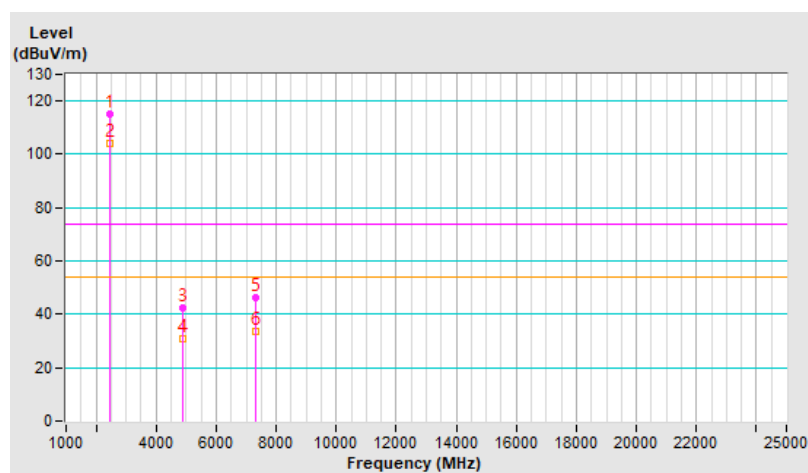


RF Mode	802.11ax (HE20)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	115.3 PK			1.16 H	113	118.2	-2.9
2	*2437.00	104.2 AV			1.16 H	113	107.1	-2.9
3	4874.00	42.5 PK	74.0	-31.5	1.07 H	360	40.3	2.2
4	4874.00	30.7 AV	54.0	-23.3	1.07 H	360	28.5	2.2
5	7311.00	46.3 PK	74.0	-27.7	1.71 H	52	38.6	7.7
6	7311.00	33.5 AV	54.0	-20.5	1.71 H	52	25.8	7.7

Remarks:

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

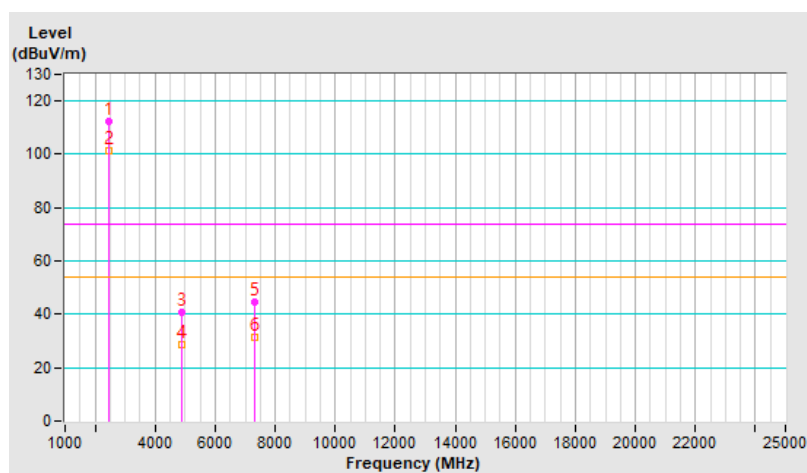


RF Mode	802.11ax (HE20)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	112.2 PK			3.57 V	35	115.1	-2.9
2	*2437.00	101.2 AV			3.57 V	35	104.1	-2.9
3	4874.00	40.6 PK	74.0	-33.4	3.89 V	296	38.4	2.2
4	4874.00	28.7 AV	54.0	-25.3	3.89 V	296	26.5	2.2
5	7311.00	44.6 PK	74.0	-29.4	3.94 V	335	36.9	7.7
6	7311.00	31.5 AV	54.0	-22.5	3.94 V	335	23.8	7.7

Remarks:

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

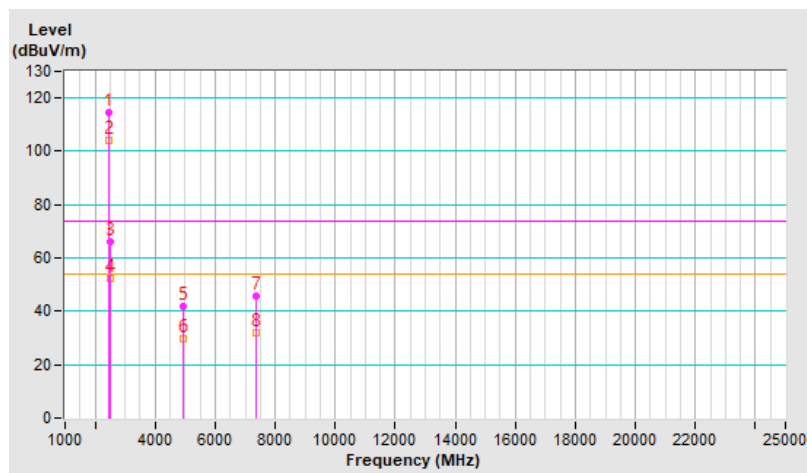


RF Mode	802.11ax (HE20)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	114.7 PK			3.22 H	90	117.5	-2.8
2	*2462.00	103.9 AV			3.22 H	90	106.7	-2.8
3	2483.50	66.2 PK	74.0	-7.8	3.22 H	90	68.9	-2.7
4	2483.50	52.3 AV	54.0	-1.7	3.22 H	90	55.0	-2.7
5	4924.00	41.7 PK	74.0	-32.3	1.05 H	360	39.4	2.3
6	4924.00	29.6 AV	54.0	-24.4	1.05 H	360	27.3	2.3
7	7386.00	45.6 PK	74.0	-28.4	1.78 H	39	37.7	7.9
8	7386.00	31.9 AV	54.0	-22.1	1.78 H	39	24.0	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

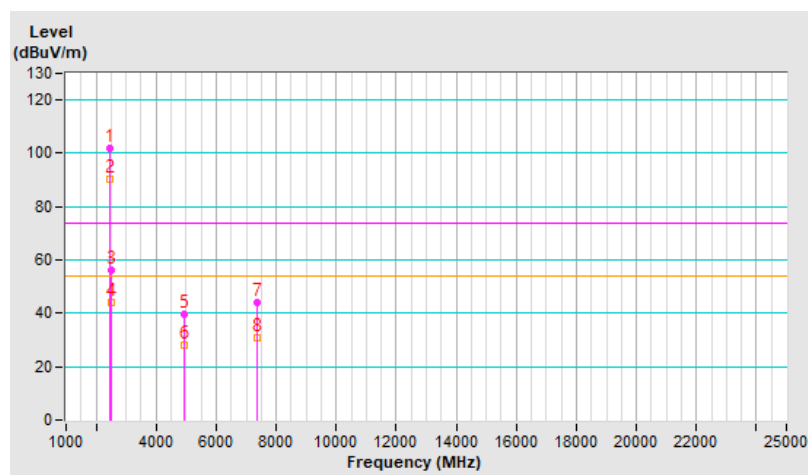


RF Mode	802.11ax (HE20)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	101.9 PK			1.03 V	279	104.7	-2.8
2	*2462.00	90.5 AV			1.03 V	279	93.3	-2.8
3	2483.50	56.4 PK	74.0	-17.6	1.03 V	279	59.1	-2.7
4	2483.50	43.8 AV	54.0	-10.2	1.03 V	279	46.5	-2.7
5	4924.00	39.5 PK	74.0	-34.5	3.87 V	302	37.2	2.3
6	4924.00	27.9 AV	54.0	-26.1	3.87 V	302	25.6	2.3
7	7386.00	43.9 PK	74.0	-30.1	3.94 V	330	36.0	7.9
8	7386.00	30.6 AV	54.0	-23.4	3.94 V	330	22.7	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

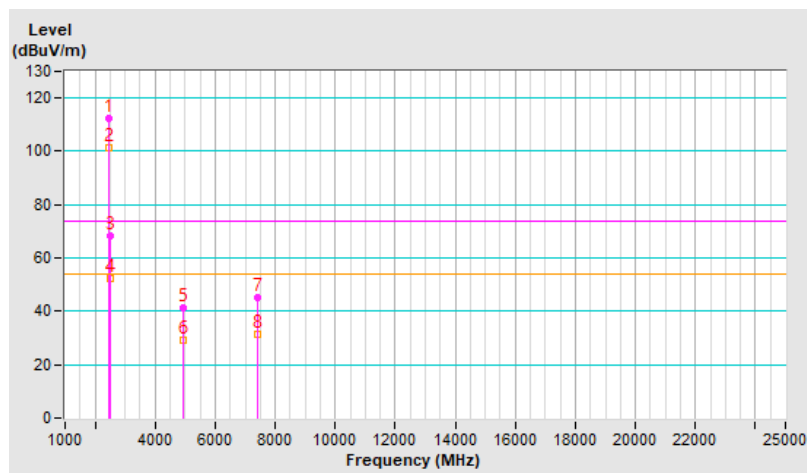


RF Mode	802.11ax (HE20)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	112.6 PK			1.10 H	110	115.4	-2.8
2	*2467.00	101.5 AV			1.10 H	110	104.3	-2.8
3	2483.50	68.2 PK	74.0	-5.8	1.10 H	110	70.9	-2.7
4	2483.50	52.1 AV	54.0	-1.9	1.10 H	110	54.8	-2.7
5	4934.00	41.3 PK	74.0	-32.7	1.02 H	360	39.0	2.3
6	4934.00	29.2 AV	54.0	-24.8	1.02 H	360	26.9	2.3
7	7401.00	45.2 PK	74.0	-28.8	1.58 H	42	37.3	7.9
8	7401.00	31.5 AV	54.0	-22.5	1.58 H	42	23.6	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

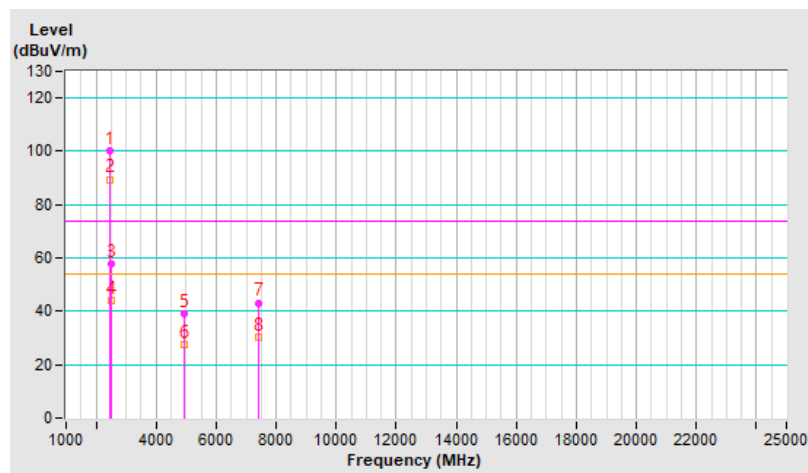


RF Mode	802.11ax (HE20)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	100.2 PK			1.02 V	287	103.0	-2.8
2	*2467.00	89.5 AV			1.02 V	287	92.3	-2.8
3	2483.50	57.8 PK	74.0	-16.2	1.02 V	287	60.5	-2.7
4	2483.50	44.0 AV	54.0	-10.0	1.02 V	287	46.7	-2.7
5	4934.00	39.2 PK	74.0	-34.8	3.54 V	312	36.9	2.3
6	4934.00	27.5 AV	54.0	-26.5	3.54 V	312	25.2	2.3
7	7401.00	43.2 PK	74.0	-30.8	3.84 V	255	35.3	7.9
8	7401.00	30.3 AV	54.0	-23.7	3.84 V	255	22.4	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

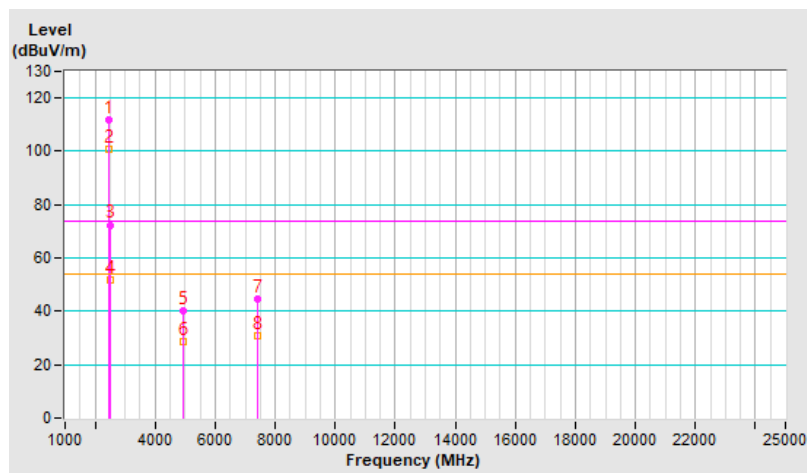


RF Mode	802.11ax (HE20)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	111.7 PK			1.07 H	112	114.4	-2.7
2	*2472.00	100.6 AV			1.07 H	112	103.3	-2.7
3	2483.50	72.4 PK	74.0	-1.6	1.07 H	112	75.1	-2.7
4	2483.50	51.9 AV	54.0	-2.1	1.07 H	112	54.6	-2.7
5	4944.00	40.2 PK	74.0	-33.8	1.09 H	360	37.9	2.3
6	4944.00	28.7 AV	54.0	-25.3	1.09 H	360	26.4	2.3
7	7416.00	44.7 PK	74.0	-29.3	1.68 H	35	36.9	7.8
8	7416.00	30.9 AV	54.0	-23.1	1.68 H	35	23.1	7.8

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.

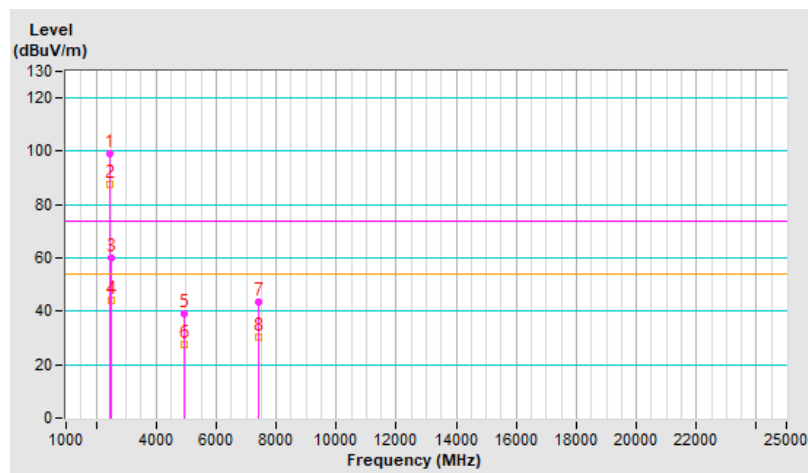


RF Mode	802.11ax (HE20)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	98.9 PK			1.05 V	278	101.6	-2.7
2	*2472.00	87.7 AV			1.05 V	278	90.4	-2.7
3	2483.50	59.9 PK	74.0	-14.1	1.05 V	278	62.6	-2.7
4	2483.50	43.8 AV	54.0	-10.2	1.05 V	278	46.5	-2.7
5	4944.00	39.1 PK	74.0	-34.9	3.55 V	324	36.8	2.3
6	4944.00	27.4 AV	54.0	-26.6	3.55 V	324	25.1	2.3
7	7416.00	43.3 PK	74.0	-30.7	3.58 V	264	35.5	7.8
8	7416.00	30.2 AV	54.0	-23.8	3.58 V	264	22.4	7.8

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.

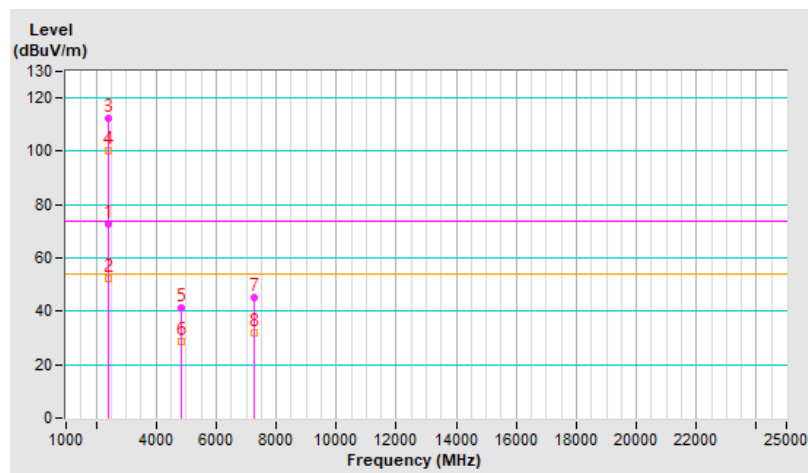


RF Mode	802.11ax (HE40)	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	72.5 PK	74.0	-1.5	1.16 H	110	75.3	-2.8
2	2390.00	52.3 AV	54.0	-1.7	1.16 H	110	55.1	-2.8
3	*2422.00	112.1 PK			1.16 H	110	115.0	-2.9
4	*2422.00	100.4 AV			1.16 H	110	103.3	-2.9
5	4844.00	41.4 PK	74.0	-32.6	1.05 H	36	39.1	2.3
6	4844.00	28.5 AV	54.0	-25.5	1.05 H	36	26.2	2.3
7	7266.00	45.0 PK	74.0	-29.0	1.14 H	157	37.4	7.6
8	7266.00	32.1 AV	54.0	-21.9	1.14 H	157	24.5	7.6

Remarks:

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

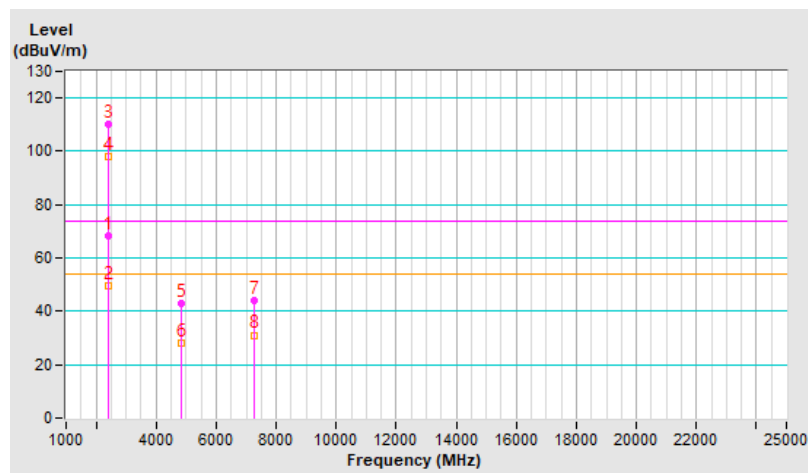


RF Mode	802.11ax (HE40)	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	68.4 PK	74.0	-5.6	3.76 V	45	71.2	-2.8
2	2390.00	49.5 AV	54.0	-4.5	3.76 V	45	52.3	-2.8
3	*2422.00	109.9 PK			3.76 V	45	112.8	-2.9
4	*2422.00	97.9 AV			3.76 V	45	100.8	-2.9
5	4844.00	42.9 PK	74.0	-31.1	1.11 V	65	40.6	2.3
6	4844.00	27.9 AV	54.0	-26.1	1.11 V	65	25.6	2.3
7	7266.00	43.8 PK	74.0	-30.2	1.55 V	360	36.2	7.6
8	7266.00	31.1 AV	54.0	-22.9	1.55 V	360	23.5	7.6

Remarks:

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

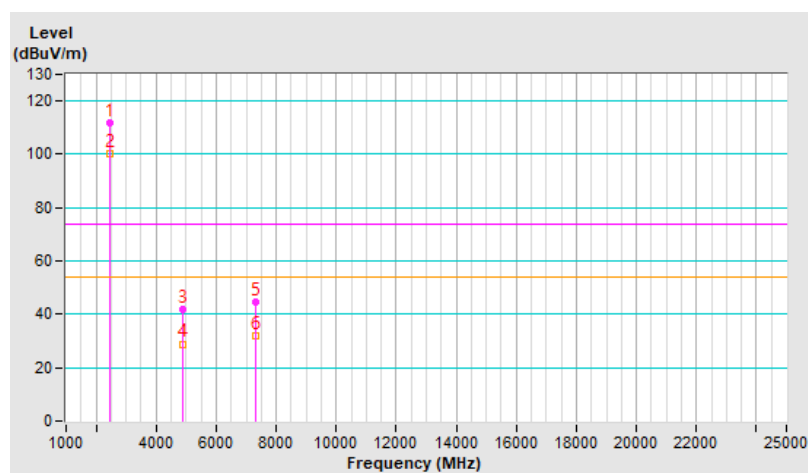


RF Mode	802.11ax (HE40)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	111.6 PK			1.09 H	110	114.5	-2.9
2	*2437.00	100.1 AV			1.09 H	110	103.0	-2.9
3	4874.00	41.8 PK	74.0	-32.2	1.00 H	28	39.6	2.2
4	4874.00	28.9 AV	54.0	-25.1	1.00 H	28	26.7	2.2
5	7311.00	44.8 PK	74.0	-29.2	1.10 H	151	37.1	7.7
6	7311.00	31.8 AV	54.0	-22.2	1.10 H	151	24.1	7.7

Remarks:

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

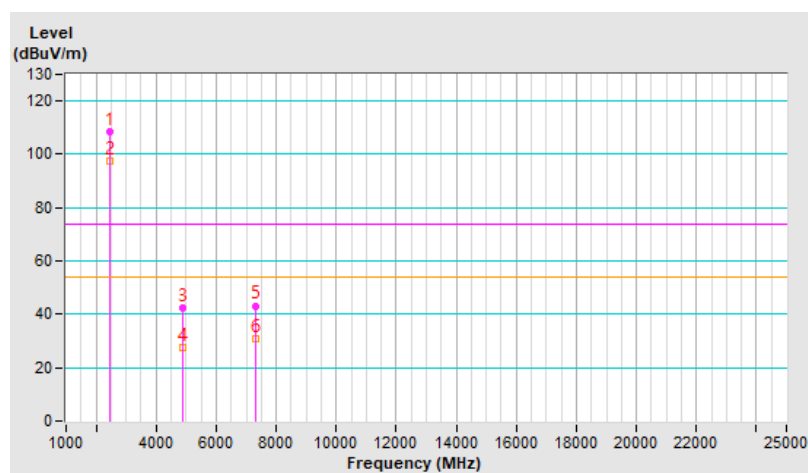


RF Mode	802.11ax (HE40)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	108.7 PK			3.84 V	56	111.6	-2.9
2	*2437.00	97.5 AV			3.84 V	56	100.4	-2.9
3	4874.00	42.4 PK	74.0	-31.6	1.06 V	80	40.2	2.2
4	4874.00	27.7 AV	54.0	-26.3	1.06 V	80	25.5	2.2
5	7311.00	43.2 PK	74.0	-30.8	1.58 V	356	35.5	7.7
6	7311.00	30.7 AV	54.0	-23.3	1.58 V	356	23.0	7.7

Remarks:

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

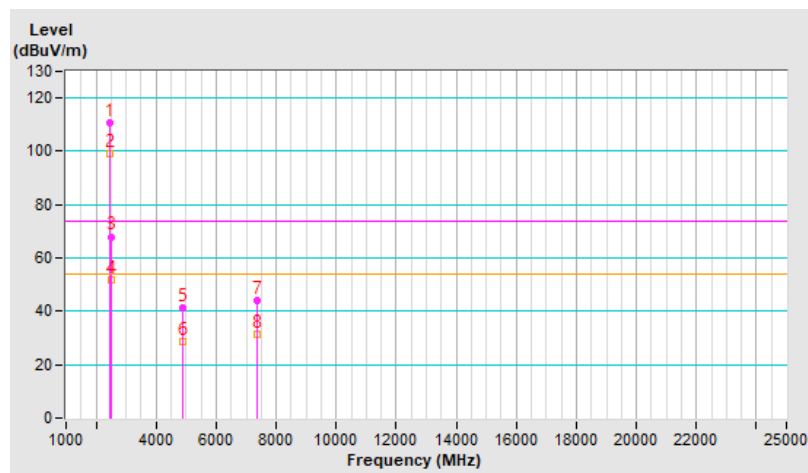


RF Mode	802.11ax (HE40)	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2452.00	110.9 PK			1.11 H	112	113.6	-2.7
2	*2452.00	99.3 AV			1.11 H	112	102.0	-2.7
3	2483.50	68.0 PK	74.0	-6.0	1.11 H	112	70.7	-2.7
4	2483.50	51.8 AV	54.0	-2.2	1.11 H	112	54.5	-2.7
5	4904.00	41.3 PK	74.0	-32.7	1.01 H	21	39.1	2.2
6	4904.00	28.7 AV	54.0	-25.3	1.01 H	21	26.5	2.2
7	7356.00	44.3 PK	74.0	-29.7	1.13 H	158	36.4	7.9
8	7356.00	31.6 AV	54.0	-22.4	1.13 H	158	23.7	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

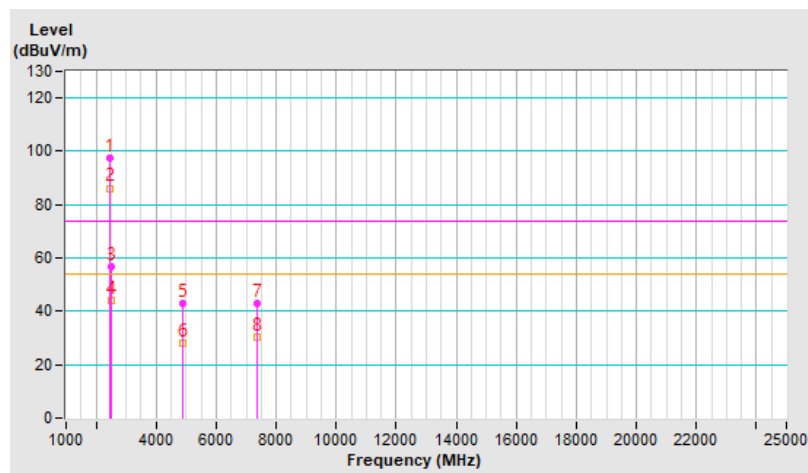


RF Mode	802.11ax (HE40)	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2452.00	97.6 PK			1.17 V	275	100.3	-2.7
2	*2452.00	86.2 AV			1.17 V	275	88.9	-2.7
3	2483.50	56.9 PK	74.0	-17.1	1.17 V	275	59.6	-2.7
4	2483.50	43.8 AV	54.0	-10.2	1.17 V	275	46.5	-2.7
5	4904.00	42.7 PK	74.0	-31.3	1.06 V	84	40.5	2.2
6	4904.00	28.2 AV	54.0	-25.8	1.06 V	84	26.0	2.2
7	7356.00	42.8 PK	74.0	-31.2	1.60 V	348	34.9	7.9
8	7356.00	30.5 AV	54.0	-23.5	1.60 V	348	22.6	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

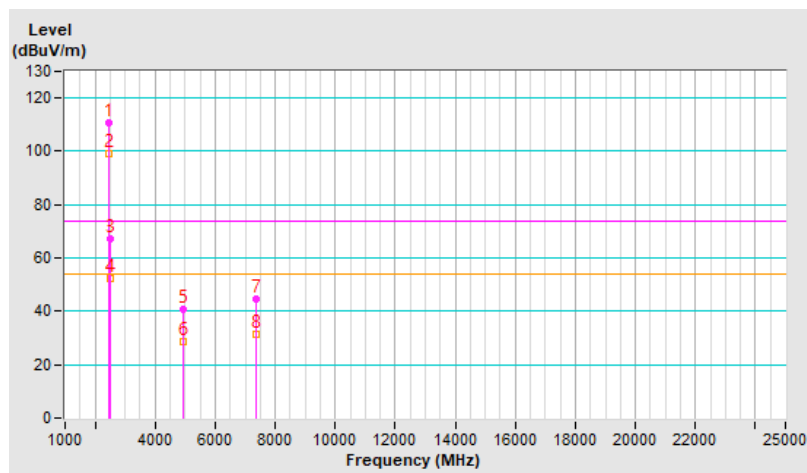


RF Mode	802.11ax (HE40)	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2457.00	110.8 PK			1.12 H	112	113.5	-2.7
2	*2457.00	98.9 AV			1.12 H	112	101.6	-2.7
3	2483.50	67.3 PK	74.0	-6.7	1.12 H	112	70.0	-2.7
4	2483.50	52.1 AV	54.0	-1.9	1.12 H	112	54.8	-2.7
5	4914.00	40.9 PK	74.0	-33.1	1.01 H	33	38.7	2.2
6	4914.00	28.6 AV	54.0	-25.4	1.01 H	33	26.4	2.2
7	7371.00	44.5 PK	74.0	-29.5	1.11 H	169	36.6	7.9
8	7371.00	31.5 AV	54.0	-22.5	1.11 H	169	23.6	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

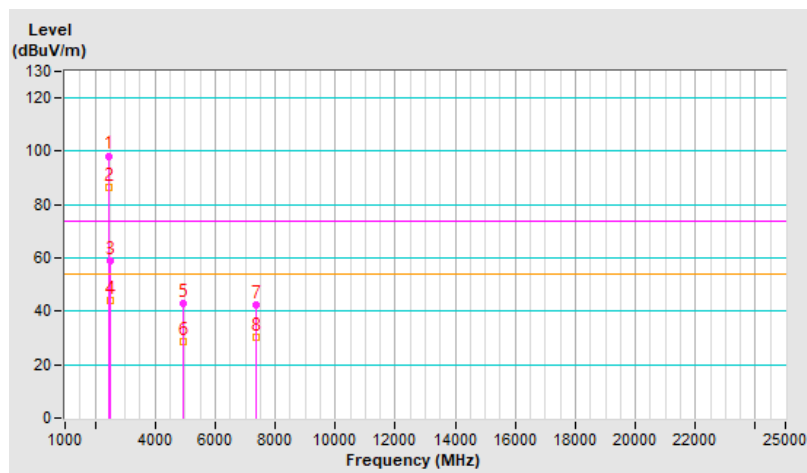


RF Mode	802.11ax (HE40)	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2457.00	98.3 PK			1.20 V	276	101.0	-2.7
2	*2457.00	86.4 AV			1.20 V	276	89.1	-2.7
3	2483.50	58.8 PK	74.0	-15.2	1.20 V	276	61.5	-2.7
4	2483.50	44.1 AV	54.0	-9.9	1.20 V	276	46.8	-2.7
5	4914.00	43.0 PK	74.0	-31.0	1.12 V	88	40.8	2.2
6	4914.00	28.4 AV	54.0	-25.6	1.12 V	88	26.2	2.2
7	7371.00	42.4 PK	74.0	-31.6	1.57 V	344	34.5	7.9
8	7371.00	30.2 AV	54.0	-23.8	1.57 V	344	22.3	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

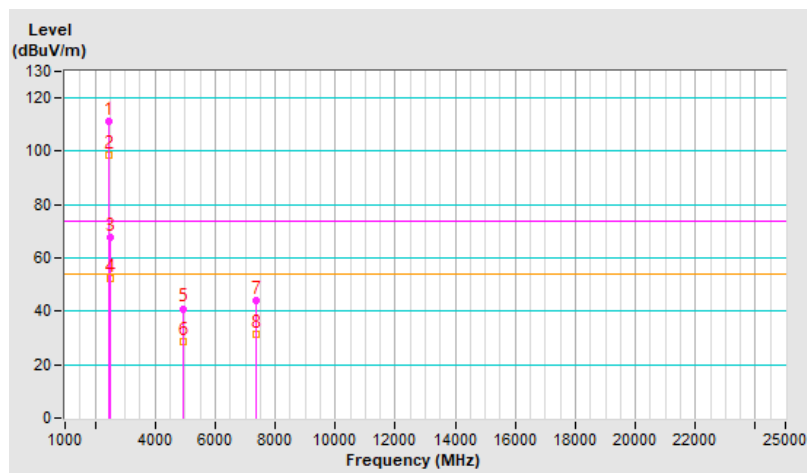


RF Mode	802.11ax (HE40)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	111.2 PK			1.13 H	111	114.0	-2.8
2	*2462.00	98.5 AV			1.13 H	111	101.3	-2.8
3	2483.50	67.9 PK	74.0	-6.1	1.13 H	111	70.6	-2.7
4	2483.50	52.2 AV	54.0	-1.8	1.13 H	111	54.9	-2.7
5	4924.00	41.0 PK	74.0	-33.0	1.07 H	32	38.7	2.3
6	4924.00	28.5 AV	54.0	-25.5	1.07 H	32	26.2	2.3
7	7386.00	44.3 PK	74.0	-29.7	1.18 H	164	36.4	7.9
8	7386.00	31.4 AV	54.0	-22.6	1.18 H	164	23.5	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

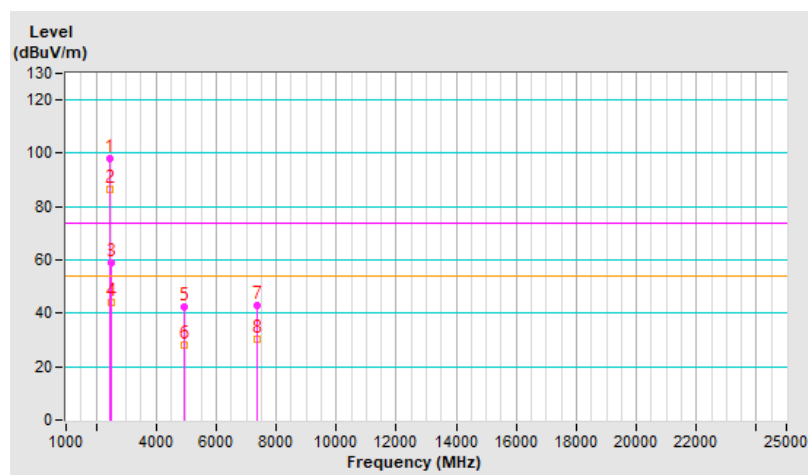


RF Mode	802.11ax (HE40)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	98.1 PK			1.00 V	275	100.9	-2.8
2	*2462.00	86.5 AV			1.00 V	275	89.3	-2.8
3	2483.50	58.8 PK	74.0	-15.2	1.00 V	275	61.5	-2.7
4	2483.50	44.2 AV	54.0	-9.8	1.00 V	275	46.9	-2.7
5	4924.00	42.4 PK	74.0	-31.6	1.08 V	73	40.1	2.3
6	4924.00	28.1 AV	54.0	-25.9	1.08 V	73	25.8	2.3
7	7386.00	42.7 PK	74.0	-31.3	1.60 V	345	34.8	7.9
8	7386.00	30.4 AV	54.0	-23.6	1.60 V	345	22.5	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

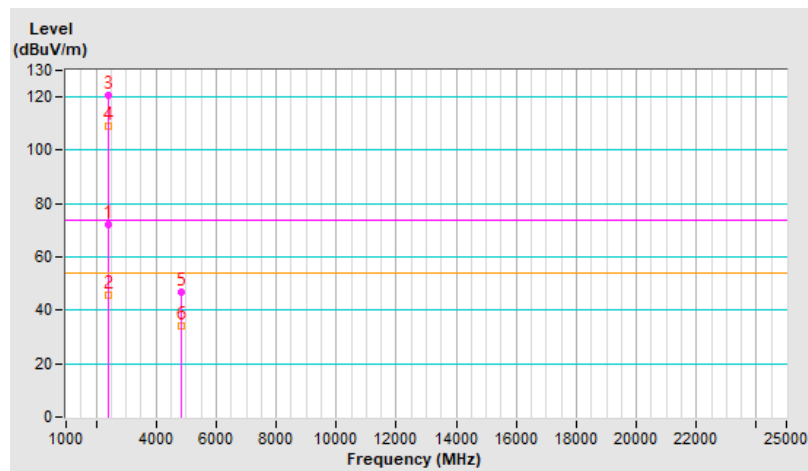


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	72.1 PK	74.0	-1.9	1.00 H	111	74.9	-2.8
2	2390.00	45.5 AV	54.0	-8.5	1.00 H	111	48.3	-2.8
3	*2412.00	120.4 PK			1.00 H	111	123.3	-2.9
4	*2412.00	109.1 AV			1.00 H	111	112.0	-2.9
5	4824.00	46.9 PK	74.0	-27.1	1.05 H	31	44.5	2.4
6	4824.00	34.1 AV	54.0	-19.9	1.05 H	31	31.7	2.4

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.

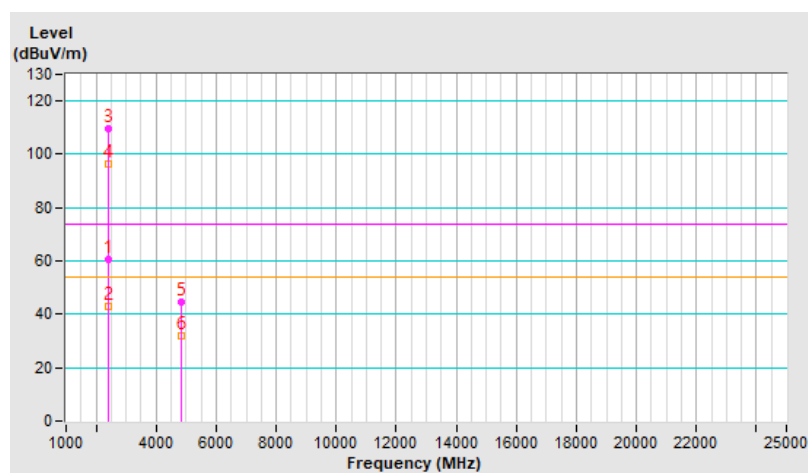


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	60.7 PK	74.0	-13.3	1.15 V	276	63.5	-2.8
2	2390.00	42.7 AV	54.0	-11.3	1.15 V	276	45.5	-2.8
3	*2412.00	109.7 PK			1.15 V	276	112.6	-2.9
4	*2412.00	96.2 AV			1.15 V	276	99.1	-2.9
5	4824.00	44.5 PK	74.0	-29.5	1.25 V	78	42.1	2.4
6	4824.00	31.7 AV	54.0	-22.3	1.25 V	78	29.3	2.4

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.

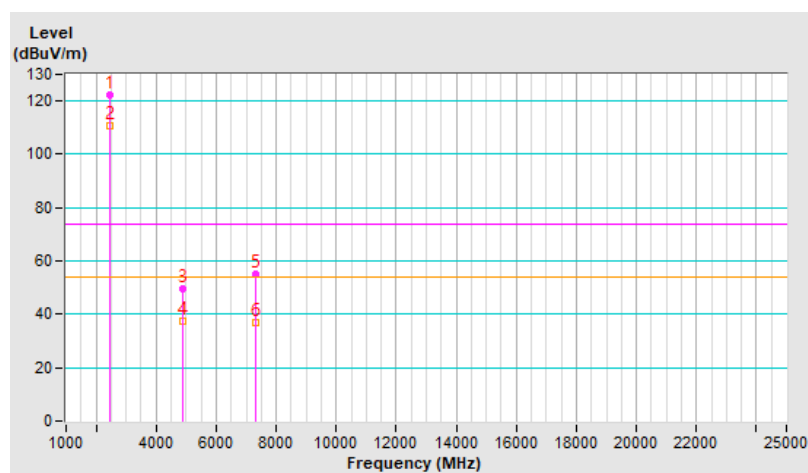


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	122.5 PK			1.18 H	110	125.4	-2.9
2	*2437.00	110.7 AV			1.18 H	110	113.6	-2.9
3	4874.00	49.7 PK	74.0	-24.3	1.03 H	24	47.5	2.2
4	4874.00	37.2 AV	54.0	-16.8	1.03 H	24	35.0	2.2
5	7311.00	55.1 PK	74.0	-18.9	1.02 H	42	47.4	7.7
6	7311.00	37.1 AV	54.0	-16.9	1.02 H	42	29.4	7.7

Remarks:

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

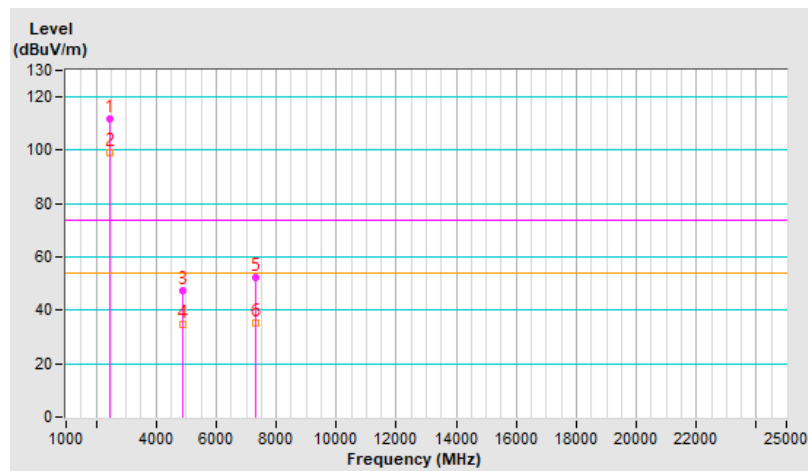


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	111.8 PK			1.13 V	257	114.7	-2.9
2	*2437.00	99.3 AV			1.13 V	257	102.2	-2.9
3	4874.00	47.1 PK	74.0	-26.9	1.19 V	81	44.9	2.2
4	4874.00	34.8 AV	54.0	-19.2	1.19 V	81	32.6	2.2
5	7311.00	52.5 PK	74.0	-21.5	3.43 V	65	44.8	7.7
6	7311.00	35.4 AV	54.0	-18.6	3.43 V	65	27.7	7.7

Remarks:

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

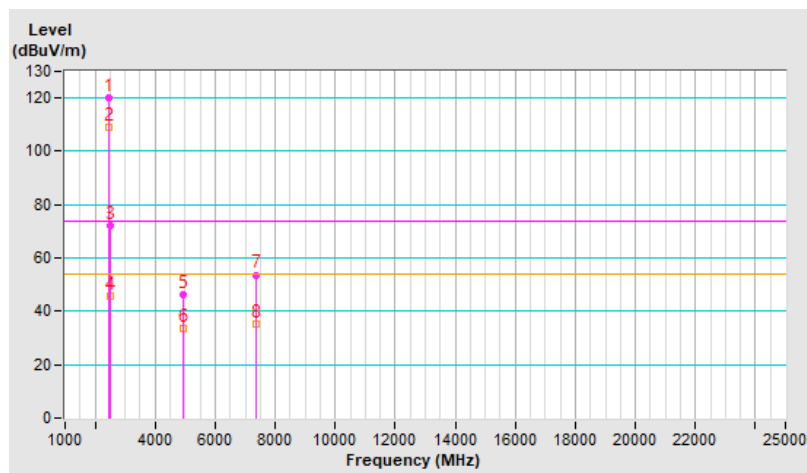


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	120.1 PK			1.08 H	112	122.9	-2.8
2	*2462.00	108.8 AV			1.08 H	112	111.6	-2.8
3	2483.50	71.9 PK	74.0	-2.1	1.08 H	112	74.6	-2.7
4	2483.50	45.8 AV	54.0	-8.2	1.08 H	112	48.5	-2.7
5	4924.00	46.4 PK	74.0	-27.6	1.08 H	40	44.1	2.3
6	4924.00	33.6 AV	54.0	-20.4	1.08 H	40	31.3	2.3
7	7386.00	53.7 PK	74.0	-20.3	1.06 H	54	45.8	7.9
8	7386.00	35.4 AV	54.0	-18.6	1.06 H	54	27.5	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

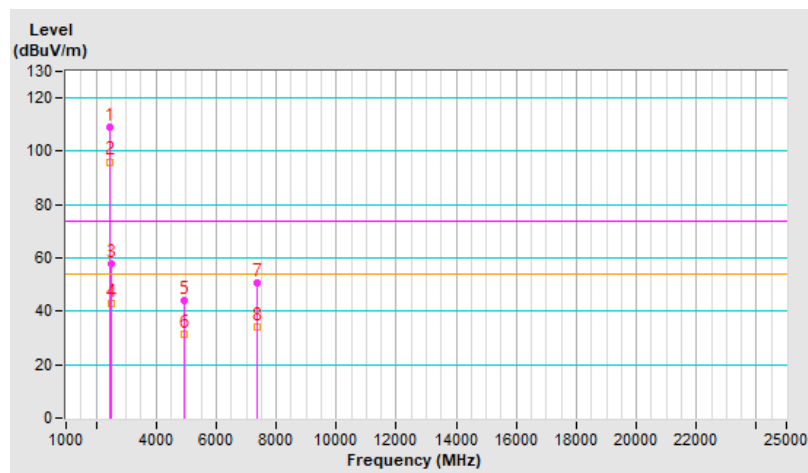


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	109.1 PK			1.00 V	275	111.9	-2.8
2	*2462.00	96.1 AV			1.00 V	275	98.9	-2.8
3	2483.50	58.0 PK	74.0	-16.0	1.00 V	275	60.7	-2.7
4	2483.50	42.9 AV	54.0	-11.1	1.00 V	275	45.6	-2.7
5	4924.00	44.1 PK	74.0	-29.9	1.22 V	75	41.8	2.3
6	4924.00	31.4 AV	54.0	-22.6	1.22 V	75	29.1	2.3
7	7386.00	50.8 PK	74.0	-23.2	3.54 V	87	42.9	7.9
8	7386.00	33.9 AV	54.0	-20.1	3.54 V	87	26.0	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

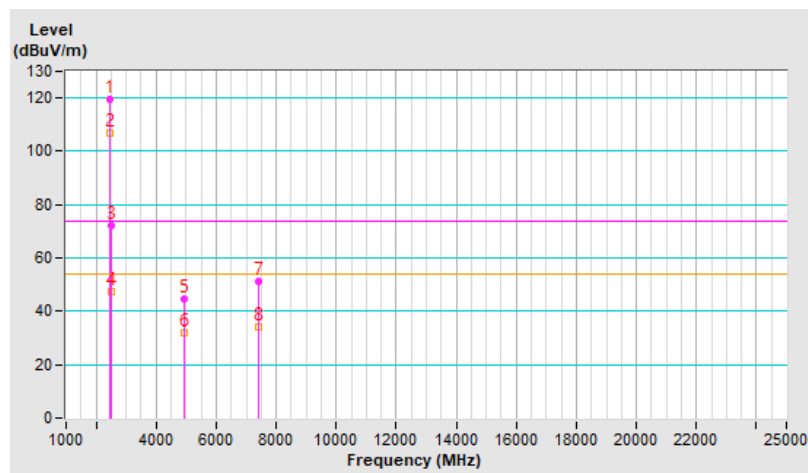


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	119.5 PK			1.04 H	113	122.3	-2.8
2	*2467.00	106.8 AV			1.04 H	113	109.6	-2.8
3	2483.50	72.3 PK	74.0	-1.7	1.04 H	113	75.0	-2.7
4	2483.50	47.1 AV	54.0	-6.9	1.04 H	113	49.8	-2.7
5	4934.00	44.5 PK	74.0	-29.5	1.02 H	56	42.2	2.3
6	4934.00	32.1 AV	54.0	-21.9	1.02 H	56	29.8	2.3
7	7401.00	51.2 PK	74.0	-22.8	1.05 H	62	43.3	7.9
8	7401.00	34.2 AV	54.0	-19.8	1.05 H	62	26.3	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

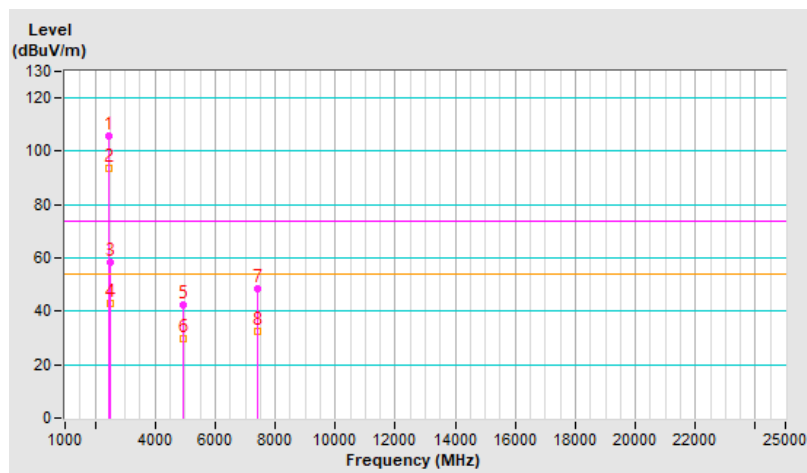


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	105.9 PK			1.03 V	276	108.7	-2.8
2	*2467.00	93.7 AV			1.03 V	276	96.5	-2.8
3	2483.50	58.4 PK	74.0	-15.6	1.03 V	276	61.1	-2.7
4	2483.50	43.0 AV	54.0	-11.0	1.03 V	276	45.7	-2.7
5	4934.00	42.6 PK	74.0	-31.4	1.11 V	89	40.3	2.3
6	4934.00	29.8 AV	54.0	-24.2	1.11 V	89	27.5	2.3
7	7401.00	48.5 PK	74.0	-25.5	3.64 V	75	40.6	7.9
8	7401.00	32.4 AV	54.0	-21.6	3.64 V	75	24.5	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

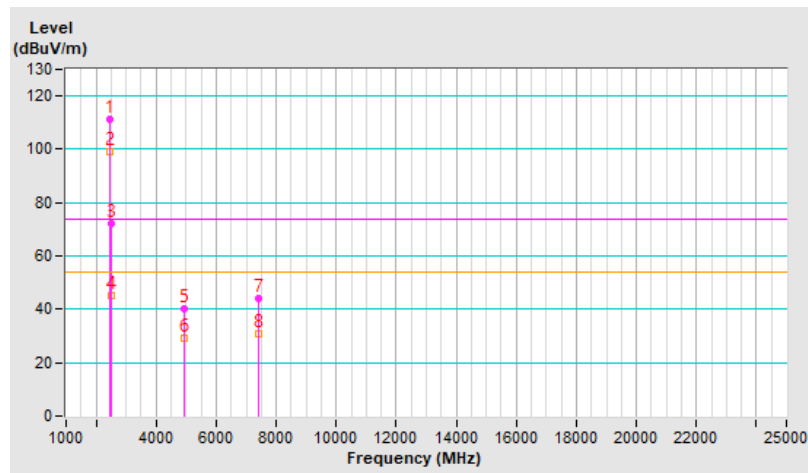


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	111.2 PK			1.05 H	111	113.9	-2.7
2	*2472.00	98.9 AV			1.05 H	111	101.6	-2.7
3	2483.50	71.9 PK	74.0	-2.1	1.05 H	111	74.6	-2.7
4	2483.50	45.0 AV	54.0	-9.0	1.05 H	111	47.7	-2.7
5	4944.00	40.2 PK	74.0	-33.8	1.07 H	98	37.9	2.3
6	4944.00	29.4 AV	54.0	-24.6	1.07 H	98	27.1	2.3
7	7416.00	44.2 PK	74.0	-29.8	1.03 H	85	36.4	7.8
8	7416.00	30.9 AV	54.0	-23.1	1.03 H	85	23.1	7.8

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.

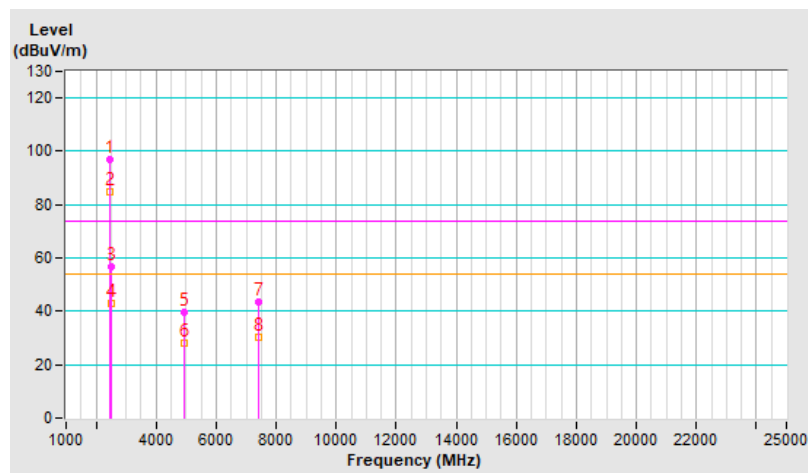


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	96.9 PK			1.05 V	276	99.6	-2.7
2	*2472.00	84.8 AV			1.05 V	276	87.5	-2.7
3	2483.50	56.5 PK	74.0	-17.5	1.05 V	276	59.2	-2.7
4	2483.50	42.9 AV	54.0	-11.1	1.05 V	276	45.6	-2.7
5	4944.00	39.5 PK	74.0	-34.5	1.52 V	103	37.2	2.3
6	4944.00	28.1 AV	54.0	-25.9	1.52 V	103	25.8	2.3
7	7416.00	43.6 PK	74.0	-30.4	3.45 V	63	35.8	7.8
8	7416.00	30.1 AV	54.0	-23.9	3.45 V	63	22.3	7.8

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.

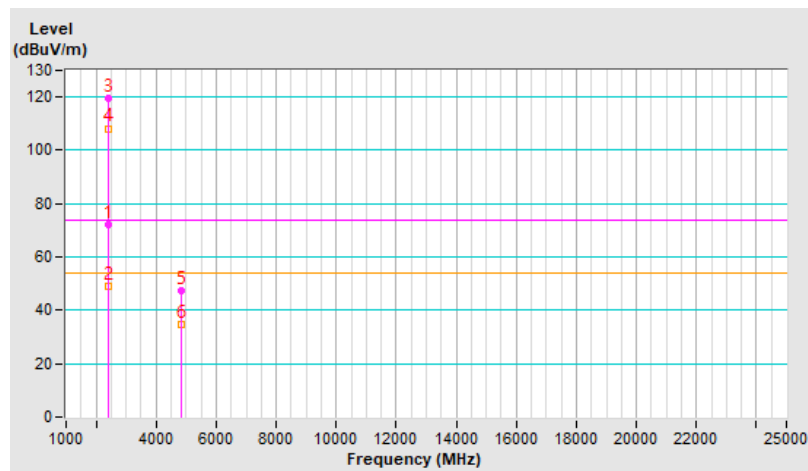


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	71.9 PK	74.0	-2.1	1.00 H	109	74.7	-2.8
2	2390.00	49.1 AV	54.0	-4.9	1.00 H	109	51.9	-2.8
3	*2412.00	119.6 PK			1.00 H	109	122.5	-2.9
4	*2412.00	108.2 AV			1.00 H	109	111.1	-2.9
5	4824.00	47.1 PK	74.0	-26.9	1.07 H	360	44.7	2.4
6	4824.00	34.9 AV	54.0	-19.1	1.07 H	360	32.5	2.4

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.

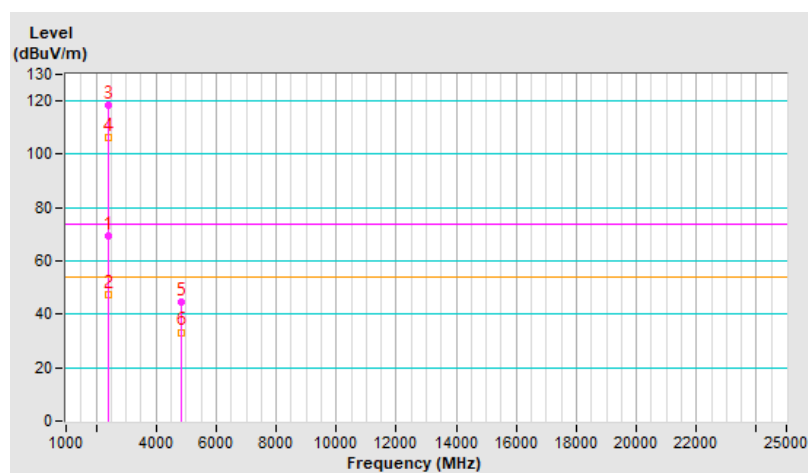


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	69.6 PK	74.0	-4.4	3.82 V	34	72.4	-2.8
2	2390.00	47.5 AV	54.0	-6.5	3.82 V	34	50.3	-2.8
3	*2412.00	118.6 PK			3.82 V	34	121.5	-2.9
4	*2412.00	106.5 AV			3.82 V	34	109.4	-2.9
5	4824.00	44.5 PK	74.0	-29.5	1.24 V	92	42.1	2.4
6	4824.00	33.3 AV	54.0	-20.7	1.24 V	92	30.9	2.4

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.

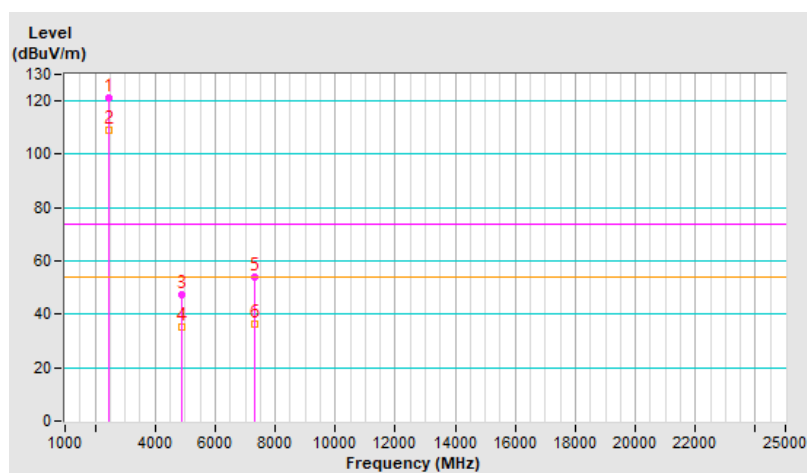


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	121.3 PK			1.00 H	103	124.2	-2.9
2	*2437.00	109.1 AV			1.00 H	103	112.0	-2.9
3	4874.00	47.4 PK	74.0	-26.6	1.05 H	360	45.2	2.2
4	4874.00	35.4 AV	54.0	-18.6	1.05 H	360	33.2	2.2
5	7311.00	53.9 PK	74.0	-20.1	1.10 H	40	46.2	7.7
6	7311.00	36.3 AV	54.0	-17.7	1.10 H	40	28.6	7.7

Remarks:

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

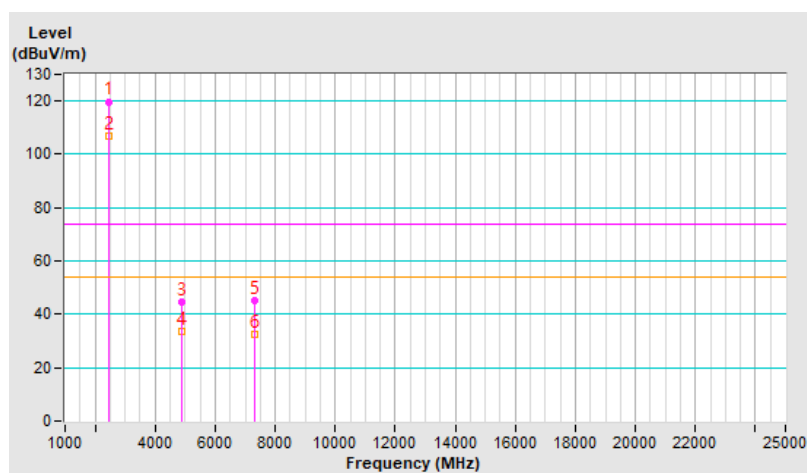


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	119.8 PK			3.85 V	33	122.7	-2.9
2	*2437.00	106.7 AV			3.85 V	33	109.6	-2.9
3	4874.00	44.8 PK	74.0	-29.2	1.18 V	83	42.6	2.2
4	4874.00	33.5 AV	54.0	-20.5	1.18 V	83	31.3	2.2
5	7311.00	44.9 PK	74.0	-29.1	1.61 V	258	37.2	7.7
6	7311.00	32.5 AV	54.0	-21.5	1.61 V	258	24.8	7.7

Remarks:

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

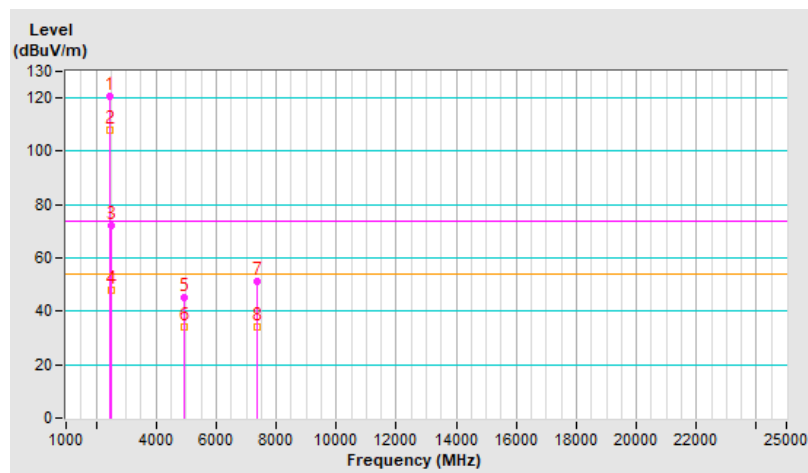


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	120.4 PK			1.08 H	111	123.2	-2.8
2	*2462.00	107.8 AV			1.08 H	111	110.6	-2.8
3	2483.50	72.1 PK	74.0	-1.9	1.08 H	111	74.8	-2.7
4	2483.50	47.7 AV	54.0	-6.3	1.08 H	111	50.4	-2.7
5	4924.00	45.2 PK	74.0	-28.8	1.06 H	360	42.9	2.3
6	4924.00	34.1 AV	54.0	-19.9	1.06 H	360	31.8	2.3
7	7386.00	51.2 PK	74.0	-22.8	1.12 H	45	43.3	7.9
8	7386.00	34.1 AV	54.0	-19.9	1.12 H	45	26.2	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

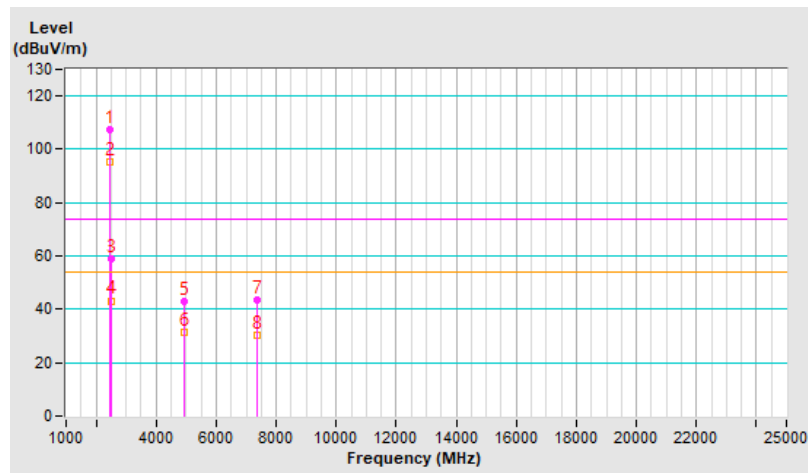


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	107.3 PK			1.00 V	276	110.1	-2.8
2	*2462.00	95.2 AV			1.00 V	276	98.0	-2.8
3	2483.50	58.7 PK	74.0	-15.3	1.00 V	276	61.4	-2.7
4	2483.50	43.2 AV	54.0	-10.8	1.00 V	276	45.9	-2.7
5	4924.00	43.1 PK	74.0	-30.9	1.02 V	89	40.8	2.3
6	4924.00	31.6 AV	54.0	-22.4	1.02 V	89	29.3	2.3
7	7386.00	43.5 PK	74.0	-30.5	1.45 V	245	35.6	7.9
8	7386.00	30.3 AV	54.0	-23.7	1.45 V	245	22.4	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

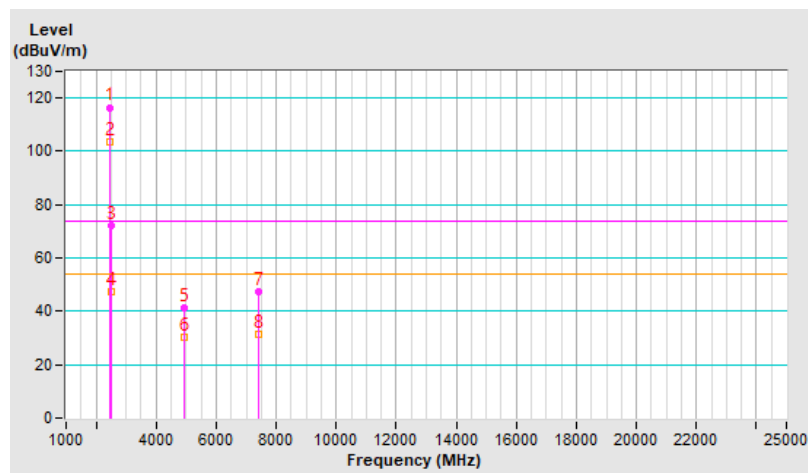


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	116.5 PK			1.05 H	114	119.3	-2.8
2	*2467.00	103.7 AV			1.05 H	114	106.5	-2.8
3	2483.50	71.9 PK	74.0	-2.1	1.05 H	114	74.6	-2.7
4	2483.50	47.5 AV	54.0	-6.5	1.05 H	114	50.2	-2.7
5	4934.00	41.3 PK	74.0	-32.7	1.06 H	345	39.0	2.3
6	4934.00	30.4 AV	54.0	-23.6	1.06 H	345	28.1	2.3
7	7401.00	47.6 PK	74.0	-26.4	1.32 H	56	39.7	7.9
8	7401.00	31.6 AV	54.0	-22.4	1.32 H	56	23.7	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

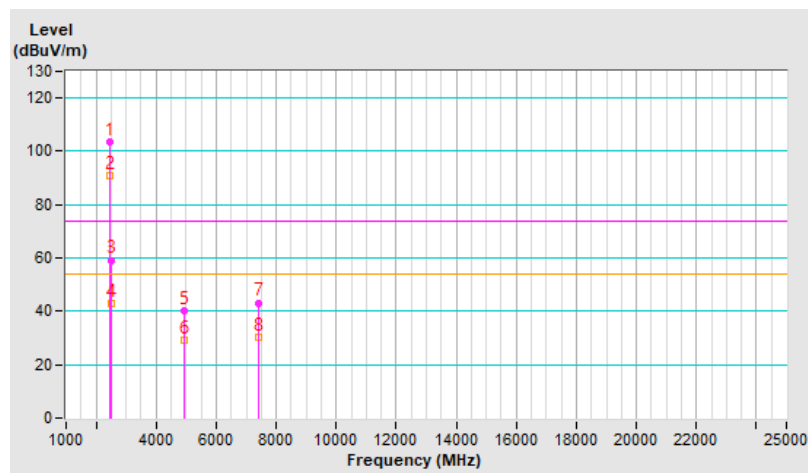


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	103.5 PK			1.05 V	289	106.3	-2.8
2	*2467.00	91.1 AV			1.05 V	289	93.9	-2.8
3	2483.50	59.2 PK	74.0	-14.8	1.05 V	289	61.9	-2.7
4	2483.50	43.0 AV	54.0	-11.0	1.05 V	289	45.7	-2.7
5	4934.00	40.3 PK	74.0	-33.7	1.06 V	78	38.0	2.3
6	4934.00	29.1 AV	54.0	-24.9	1.06 V	78	26.8	2.3
7	7401.00	43.2 PK	74.0	-30.8	1.65 V	225	35.3	7.9
8	7401.00	30.1 AV	54.0	-23.9	1.65 V	225	22.2	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

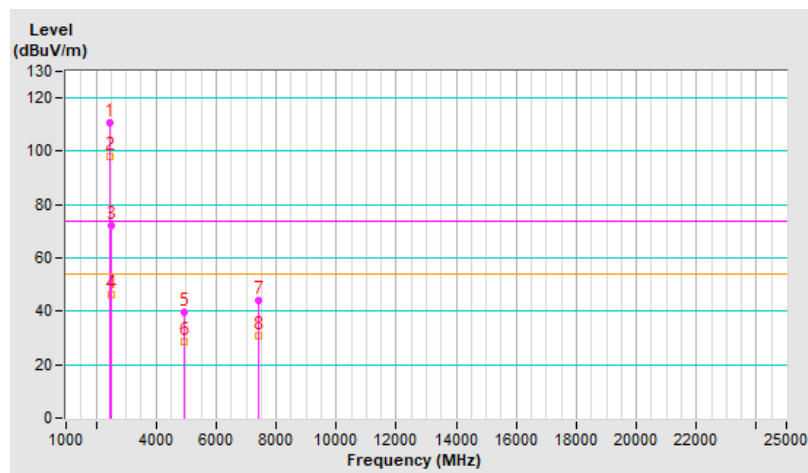


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	110.5 PK			1.06 H	112	113.2	-2.7
2	*2472.00	98.1 AV			1.06 H	112	100.8	-2.7
3	2483.50	72.2 PK	74.0	-1.8	1.06 H	112	74.9	-2.7
4	2483.50	46.5 AV	54.0	-7.5	1.06 H	112	49.2	-2.7
5	4944.00	39.7 PK	74.0	-34.3	1.04 H	74	37.4	2.3
6	4944.00	28.5 AV	54.0	-25.5	1.04 H	74	26.2	2.3
7	7416.00	43.9 PK	74.0	-30.1	1.11 H	278	36.1	7.8
8	7416.00	30.7 AV	54.0	-23.3	1.11 H	278	22.9	7.8

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.

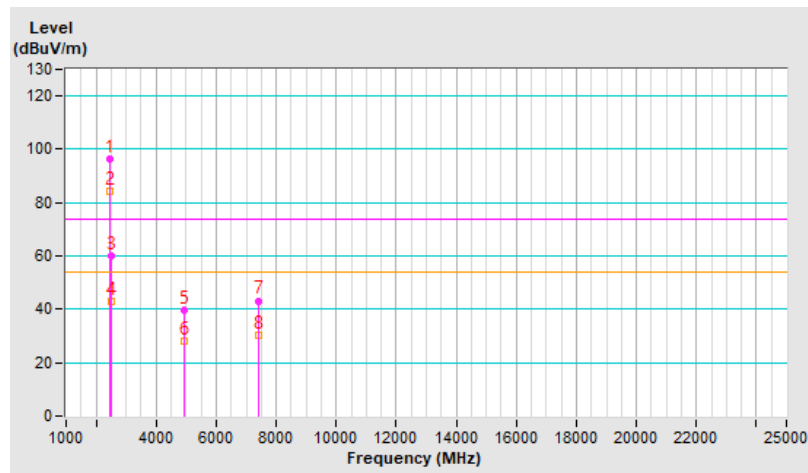


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	96.3 PK			1.06 V	277	99.0	-2.7
2	*2472.00	84.4 AV			1.06 V	277	87.1	-2.7
3	2483.50	60.0 PK	74.0	-14.0	1.06 V	277	62.7	-2.7
4	2483.50	42.9 AV	54.0	-11.1	1.06 V	277	45.6	-2.7
5	4944.00	39.5 PK	74.0	-34.5	1.07 V	68	37.2	2.3
6	4944.00	28.3 AV	54.0	-25.7	1.07 V	68	26.0	2.3
7	7416.00	43.2 PK	74.0	-30.8	1.21 V	265	35.4	7.8
8	7416.00	30.2 AV	54.0	-23.8	1.21 V	265	22.4	7.8

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.

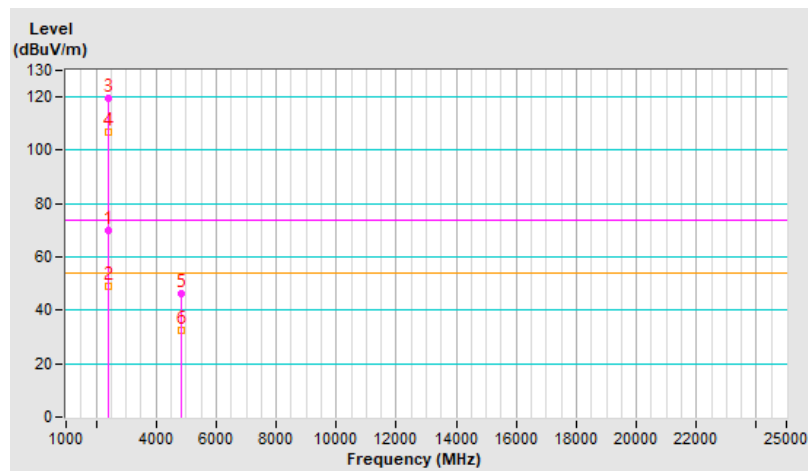


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	69.9 PK	74.0	-4.1	1.00 H	107	72.7	-2.8
2	2390.00	48.9 AV	54.0	-5.1	1.00 H	107	51.7	-2.8
3	*2412.00	119.6 PK			1.00 H	107	122.5	-2.9
4	*2412.00	106.9 AV			1.00 H	107	109.8	-2.9
5	4824.00	46.3 PK	74.0	-27.7	1.13 H	25	43.9	2.4
6	4824.00	32.6 AV	54.0	-21.4	1.13 H	25	30.2	2.4

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.

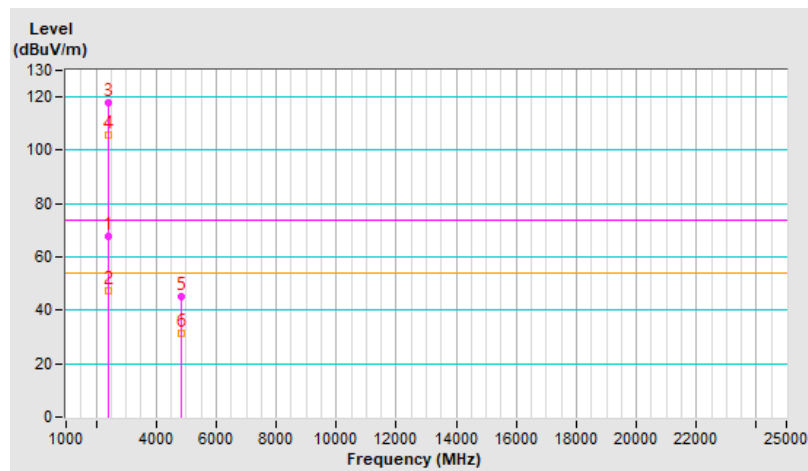


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	2390.00	67.8 PK	74.0	-6.2	3.83 V	33	70.6	-2.8
2	2390.00	47.2 AV	54.0	-6.8	3.83 V	33	50.0	-2.8
3	*2412.00	117.8 PK			3.83 V	33	120.7	-2.9
4	*2412.00	105.6 AV			3.83 V	33	108.5	-2.9
5	4824.00	45.3 PK	74.0	-28.7	1.24 V	96	42.9	2.4
6	4824.00	31.2 AV	54.0	-22.8	1.24 V	96	28.8	2.4

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.

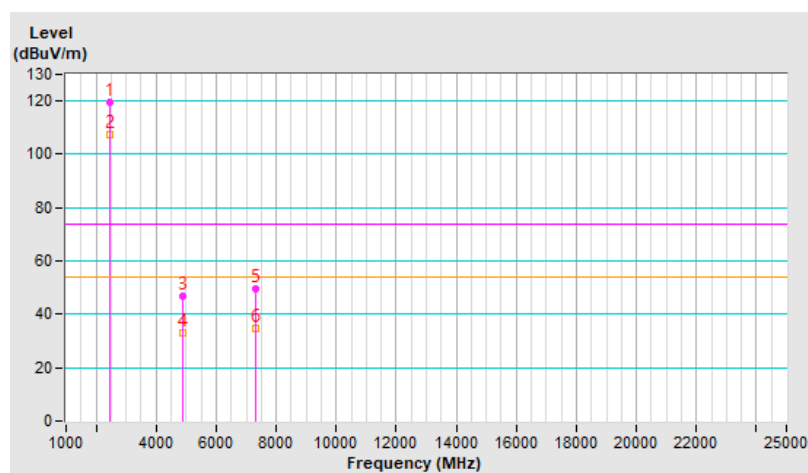


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	119.5 PK			1.10 H	108	122.4	-2.9
2	*2437.00	107.2 AV			1.10 H	108	110.1	-2.9
3	4874.00	46.7 PK	74.0	-27.3	1.08 H	23	44.5	2.2
4	4874.00	33.1 AV	54.0	-20.9	1.08 H	23	30.9	2.2
5	7311.00	49.7 PK	74.0	-24.3	1.08 H	159	42.0	7.7
6	7311.00	34.8 AV	54.0	-19.2	1.08 H	159	27.1	7.7

Remarks:

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

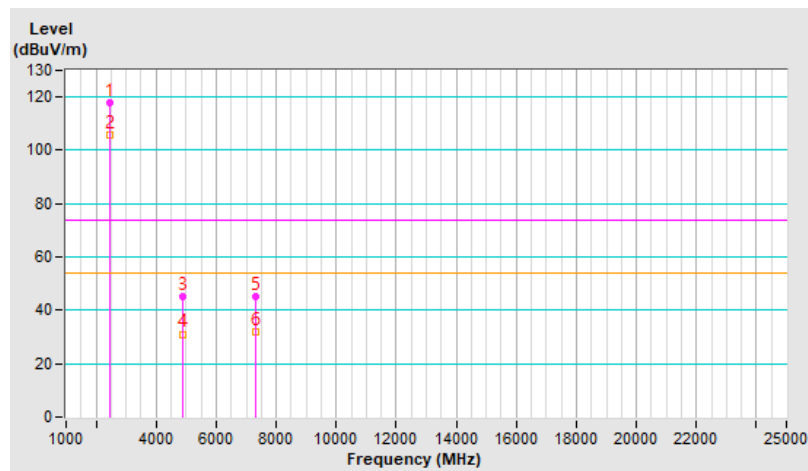


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2437.00	118.1 PK			3.97 V	32	121.0	-2.9
2	*2437.00	105.8 AV			3.97 V	32	108.7	-2.9
3	4874.00	45.2 PK	74.0	-28.8	1.19 V	82	43.0	2.2
4	4874.00	31.1 AV	54.0	-22.9	1.19 V	82	28.9	2.2
5	7311.00	45.2 PK	74.0	-28.8	1.53 V	360	37.5	7.7
6	7311.00	32.1 AV	54.0	-21.9	1.53 V	360	24.4	7.7

Remarks:

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

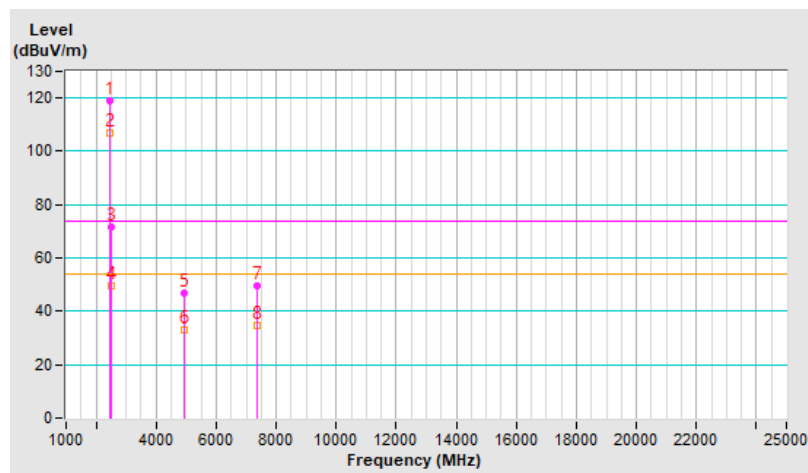


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	119.1 PK			1.09 H	114	121.9	-2.8
2	*2462.00	107.0 AV			1.09 H	114	109.8	-2.8
3	2483.50	71.5 PK	74.0	-2.5	1.09 H	114	74.2	-2.7
4	2483.50	49.8 AV	54.0	-4.2	1.09 H	114	52.5	-2.7
5	4924.00	46.6 PK	74.0	-27.4	1.09 H	8	44.3	2.3
6	4924.00	32.9 AV	54.0	-21.1	1.09 H	8	30.6	2.3
7	7386.00	49.7 PK	74.0	-24.3	1.13 H	153	41.8	7.9
8	7386.00	34.9 AV	54.0	-19.1	1.13 H	153	27.0	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

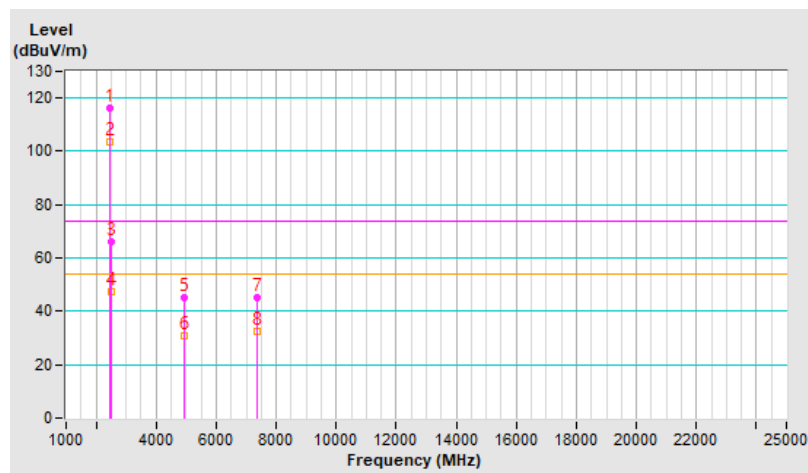


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2462.00	116.4 PK			4.00 V	28	119.2	-2.8
2	*2462.00	103.4 AV			4.00 V	28	106.2	-2.8
3	2483.50	66.1 PK	74.0	-7.9	4.00 V	28	68.8	-2.7
4	2483.50	47.2 AV	54.0	-6.8	4.00 V	28	49.9	-2.7
5	4924.00	45.1 PK	74.0	-28.9	1.19 V	79	42.8	2.3
6	4924.00	30.9 AV	54.0	-23.1	1.19 V	79	28.6	2.3
7	7386.00	45.2 PK	74.0	-28.8	1.56 V	360	37.3	7.9
8	7386.00	32.4 AV	54.0	-21.6	1.56 V	360	24.5	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

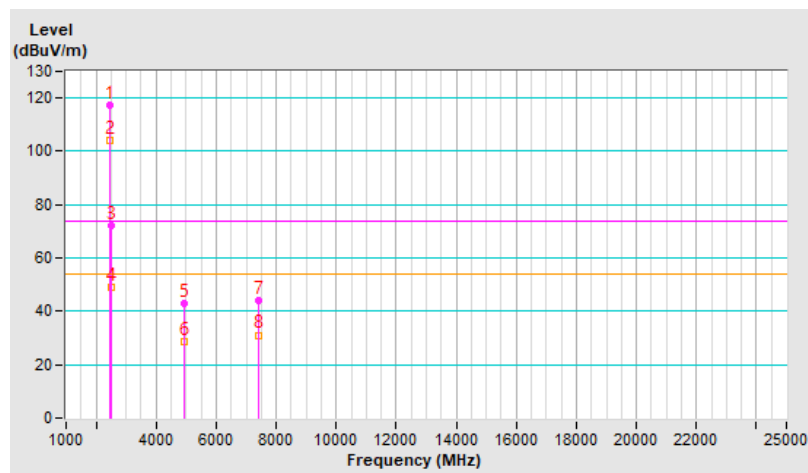


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	117.2 PK			1.08 H	111	120.0	-2.8
2	*2467.00	104.1 AV			1.08 H	111	106.9	-2.8
3	2483.50	72.1 PK	74.0	-1.9	1.08 H	111	74.8	-2.7
4	2483.50	48.9 AV	54.0	-5.1	1.08 H	111	51.6	-2.7
5	4934.00	42.8 PK	74.0	-31.2	1.01 H	32	40.5	2.3
6	4934.00	28.6 AV	54.0	-25.4	1.01 H	32	26.3	2.3
7	7401.00	43.9 PK	74.0	-30.1	1.04 H	155	36.0	7.9
8	7401.00	31.1 AV	54.0	-22.9	1.04 H	155	23.2	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

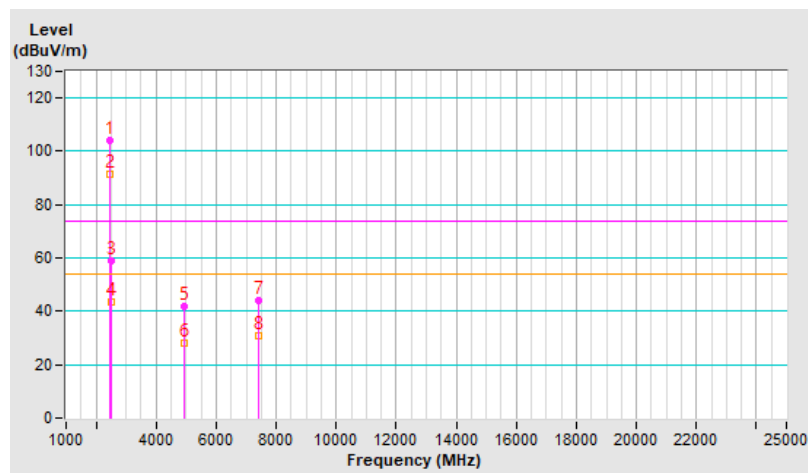


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2467.00	104.3 PK			1.05 V	279	107.1	-2.8
2	*2467.00	91.2 AV			1.05 V	279	94.0	-2.8
3	2483.50	58.8 PK	74.0	-15.2	1.05 V	279	61.5	-2.7
4	2483.50	43.3 AV	54.0	-10.7	1.05 V	279	46.0	-2.7
5	4934.00	41.6 PK	74.0	-32.4	1.15 V	92	39.3	2.3
6	4934.00	27.9 AV	54.0	-26.1	1.15 V	92	25.6	2.3
7	7401.00	43.8 PK	74.0	-30.2	1.49 V	360	35.9	7.9
8	7401.00	30.9 AV	54.0	-23.1	1.49 V	360	23.0	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.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

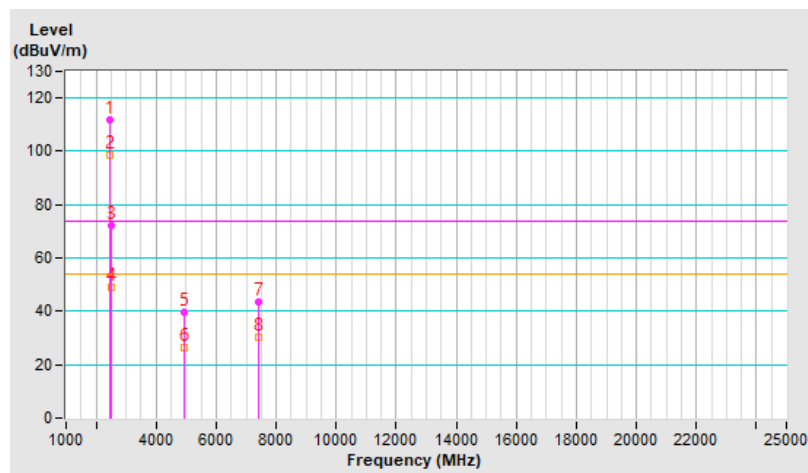


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	111.8 PK			1.05 H	112	114.5	-2.7
2	*2472.00	98.8 AV			1.05 H	112	101.5	-2.7
3	2483.50	72.2 PK	74.0	-1.8	1.05 H	112	74.9	-2.7
4	2483.50	48.9 AV	54.0	-5.1	1.05 H	112	51.6	-2.7
5	4944.00	39.5 PK	74.0	-34.5	1.07 H	35	37.2	2.3
6	4944.00	26.2 AV	54.0	-27.8	1.07 H	35	23.9	2.3
7	7416.00	43.7 PK	74.0	-30.3	1.08 H	164	35.9	7.8
8	7416.00	30.5 AV	54.0	-23.5	1.08 H	164	22.7	7.8

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.

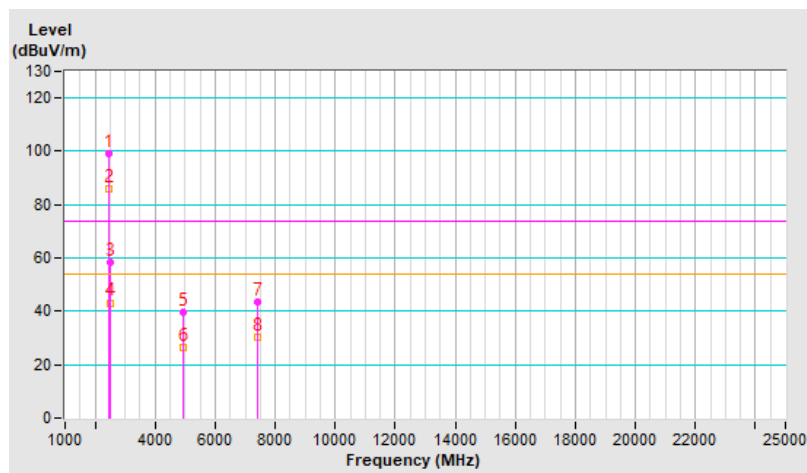


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22°C, 69% RH
Tested By	Louis Yang		

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	*2472.00	98.9 PK			1.03 V	274	101.6	-2.7
2	*2472.00	85.8 AV			1.03 V	274	88.5	-2.7
3	2483.50	58.3 PK	74.0	-15.7	1.03 V	274	61.0	-2.7
4	2483.50	43.2 AV	54.0	-10.8	1.03 V	274	45.9	-2.7
5	4944.00	39.4 PK	74.0	-34.6	1.17 V	72	37.1	2.3
6	4944.00	26.3 AV	54.0	-27.7	1.17 V	72	24.0	2.3
7	7416.00	43.3 PK	74.0	-30.7	1.50 V	360	35.5	7.8
8	7416.00	30.2 AV	54.0	-23.8	1.50 V	360	22.4	7.8

Remarks:

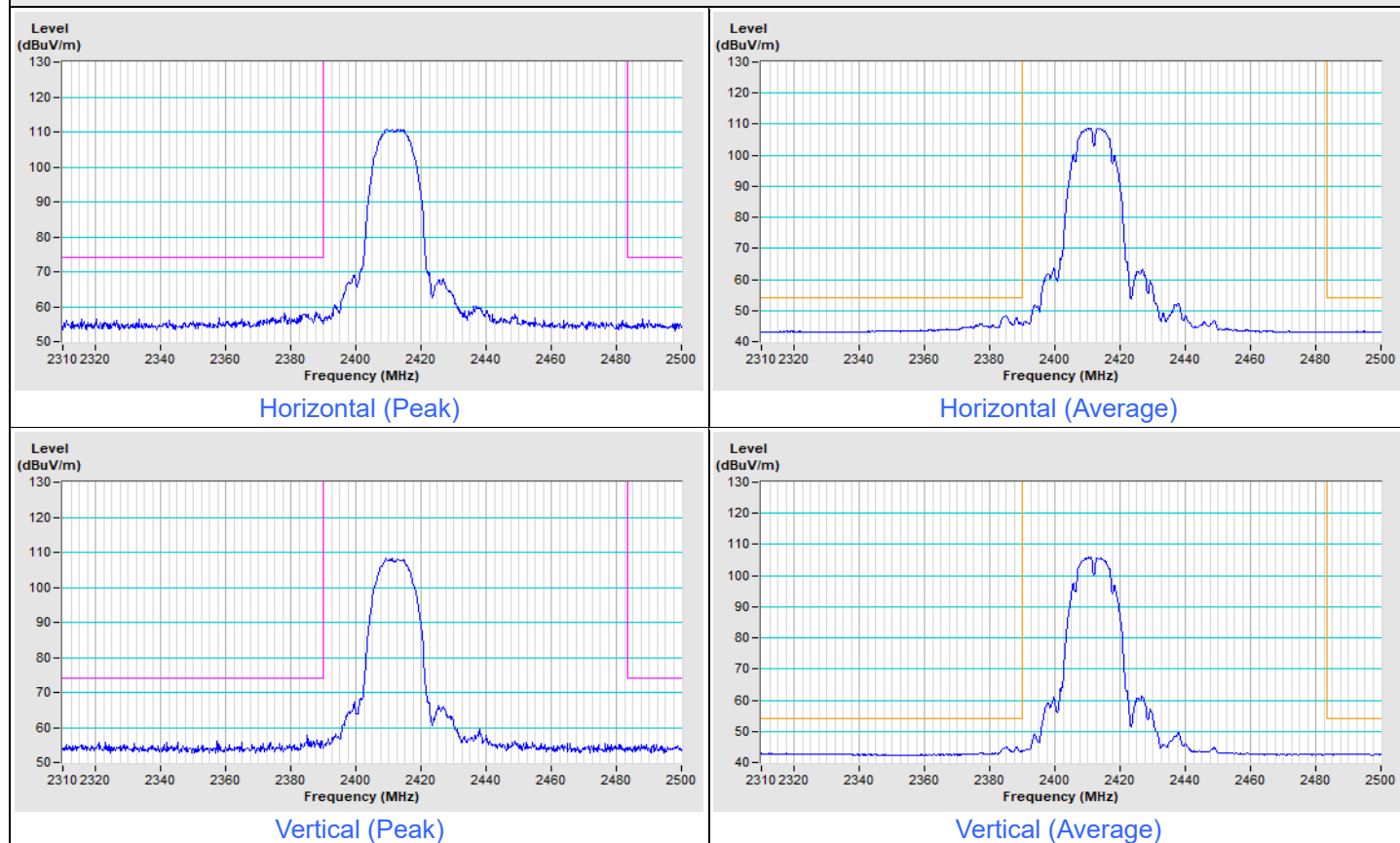
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency,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



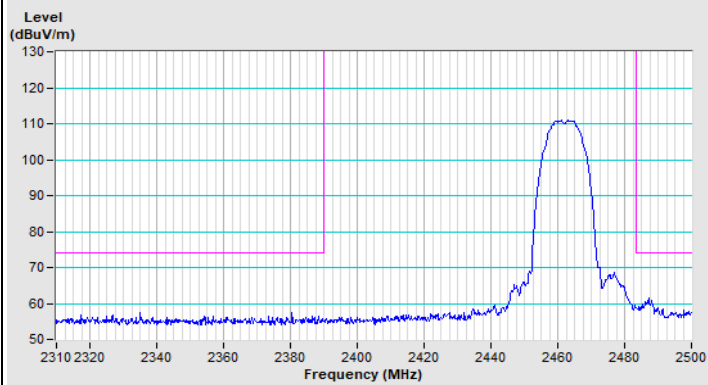
Plot of Band Edge
Mode C (USB interface using internal antenna)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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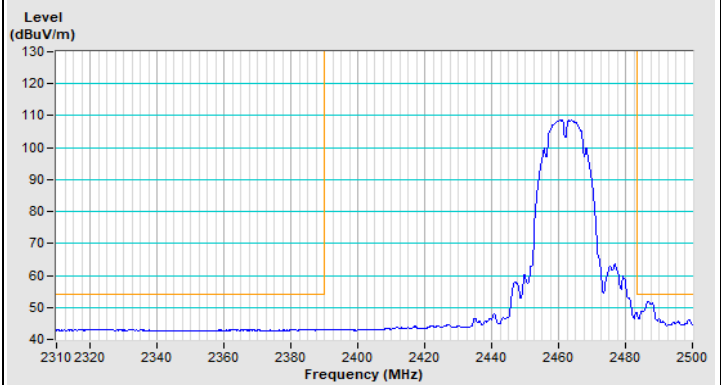
802.11b Channel 1



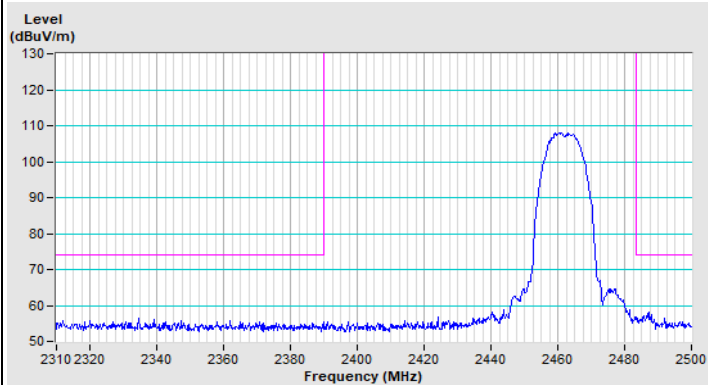
802.11b Channel 11



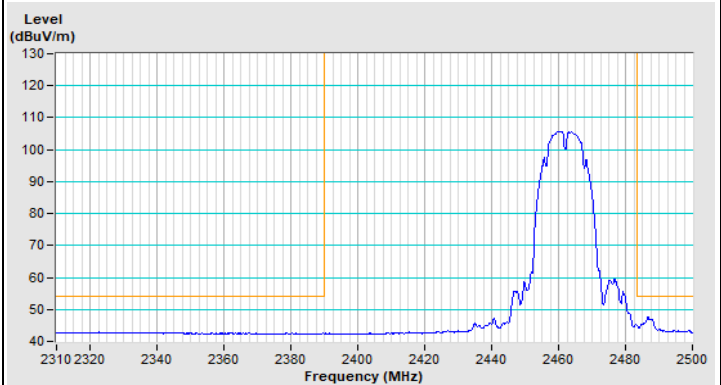
Horizontal (Peak)



Horizontal (Average)

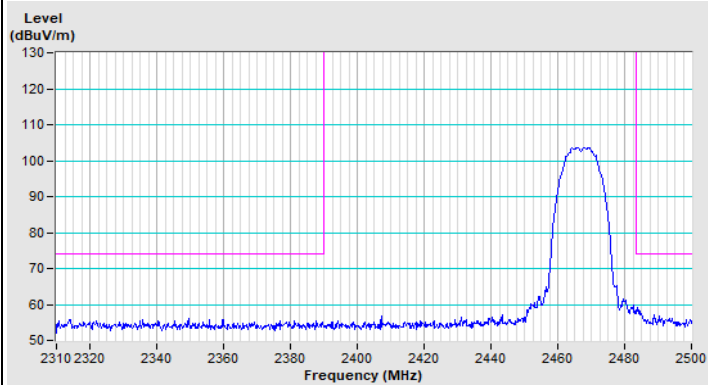


Vertical (Peak)

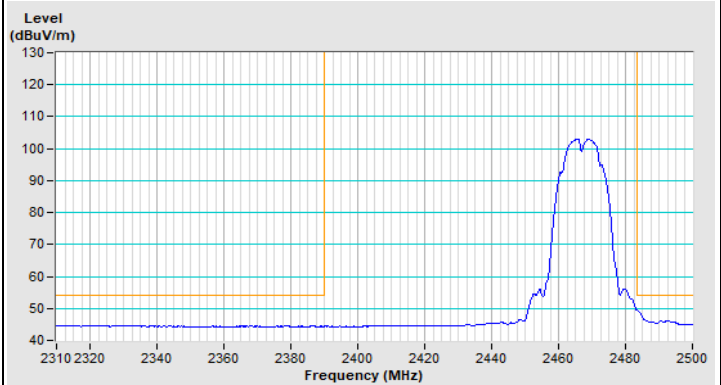


Vertical (Average)

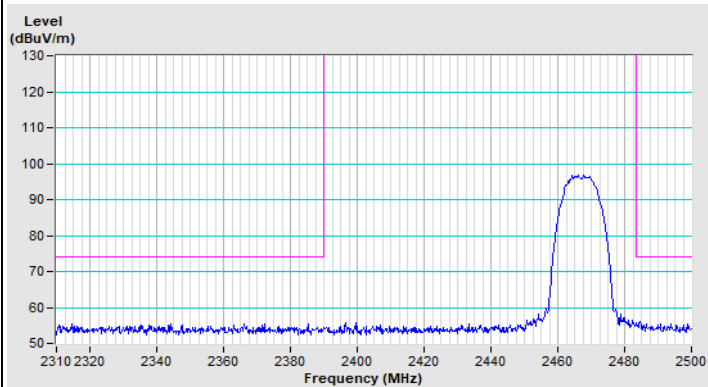
802.11b Channel 12



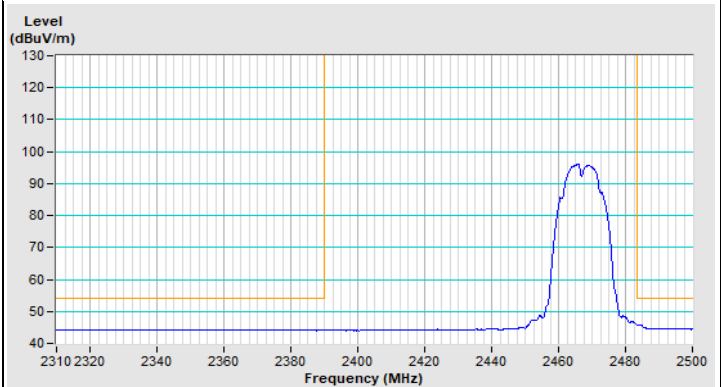
Horizontal (Peak)



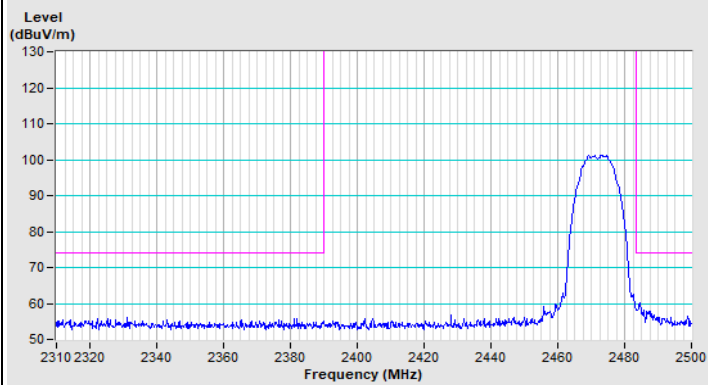
Horizontal (Average)



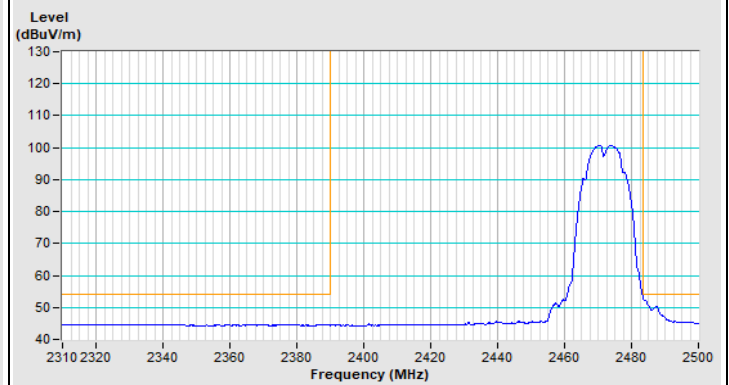
Vertical (Peak)



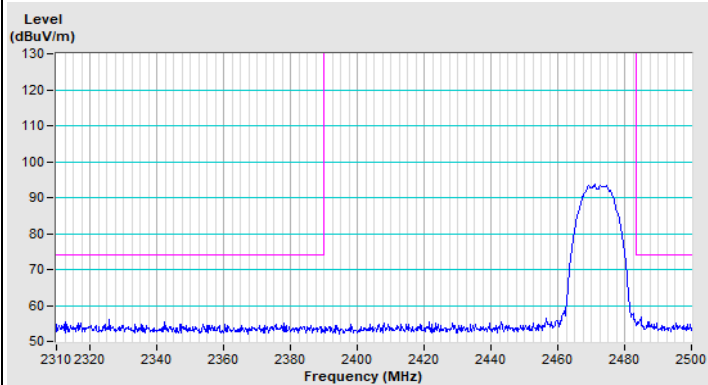
Vertical (Average)

802.11b Channel 13

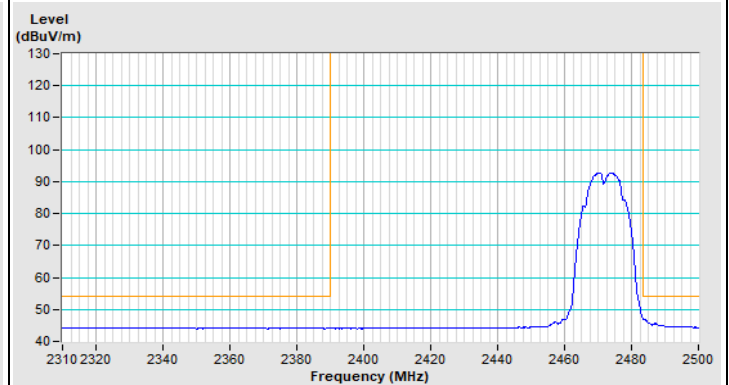
Horizontal (Peak)



Horizontal (Average)



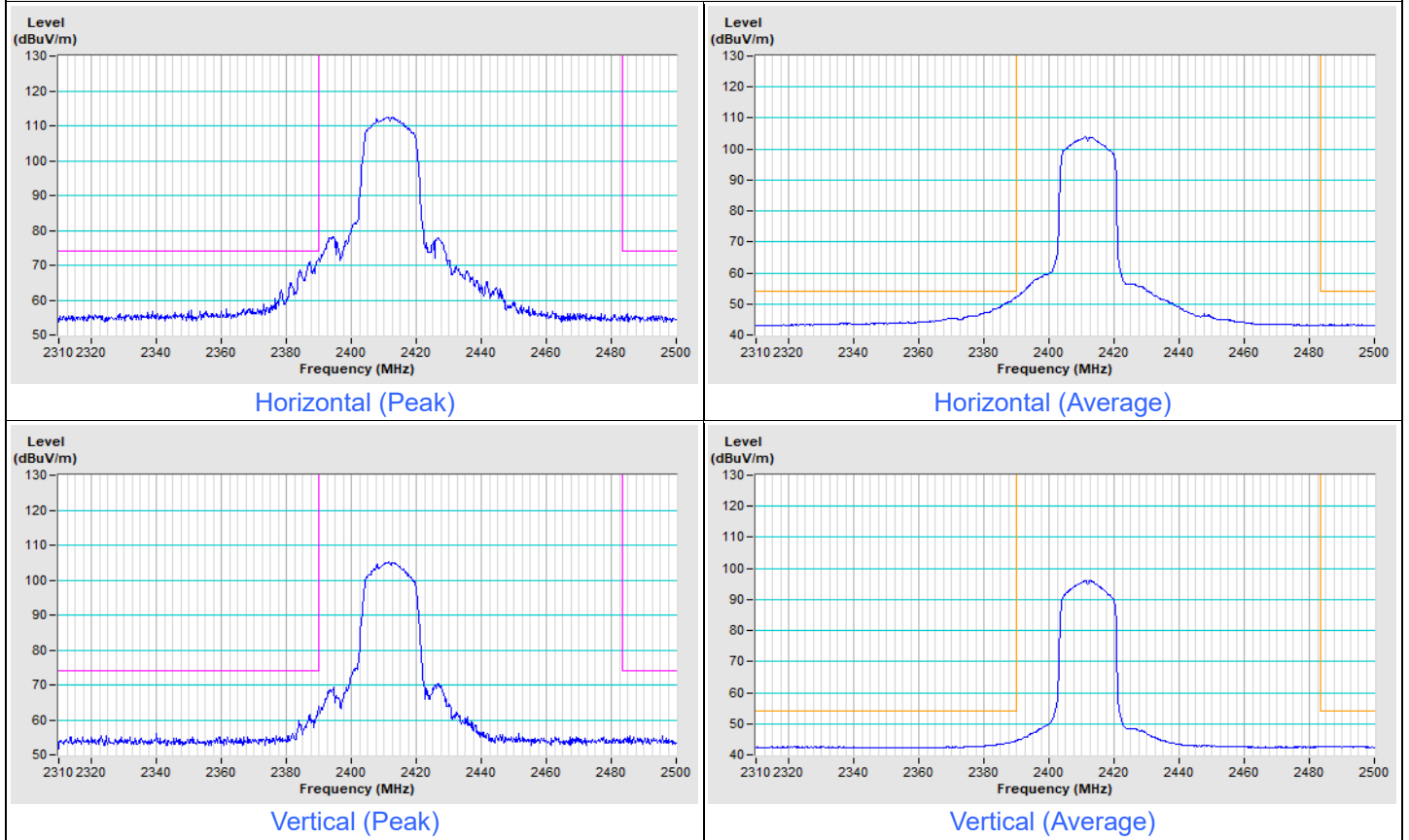
Vertical (Peak)



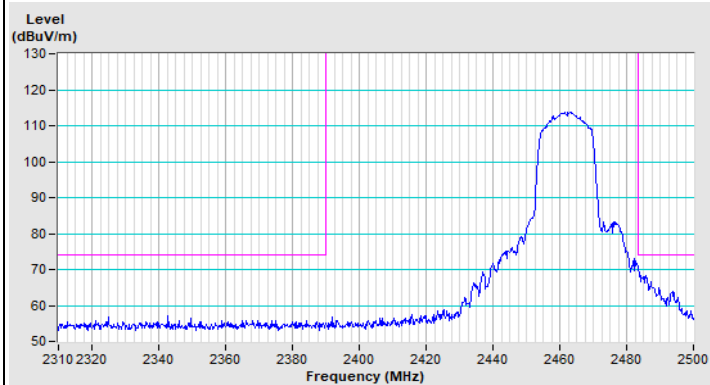
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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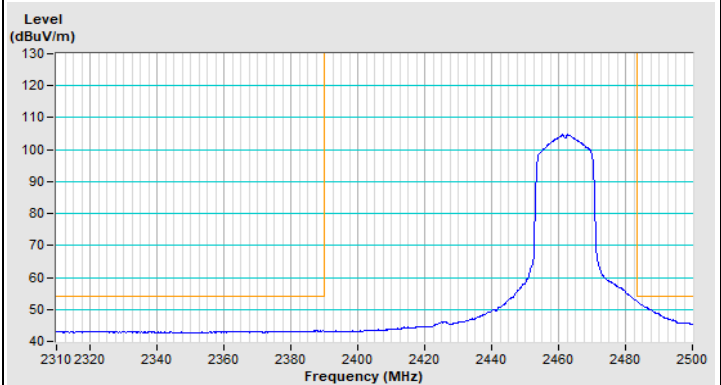
802.11g Channel 1



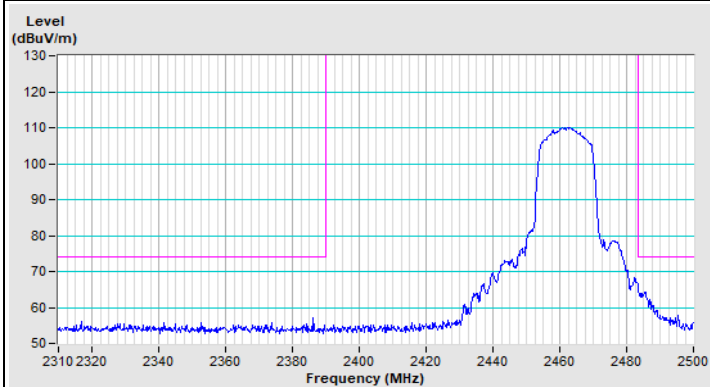
802.11g Channel 11



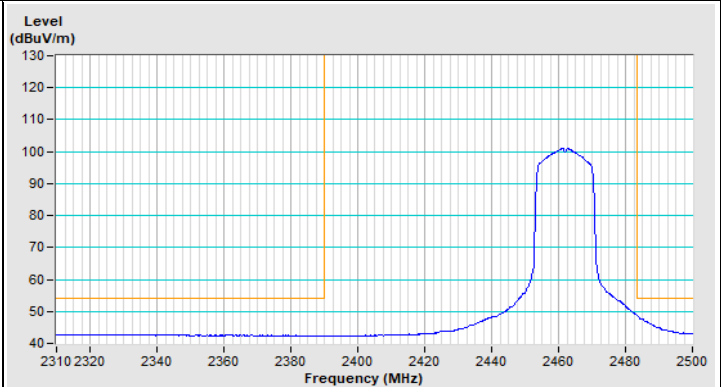
Horizontal (Peak)



Horizontal (Average)

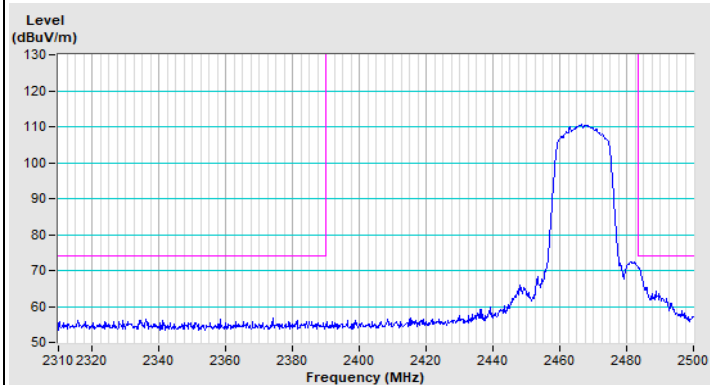


Vertical (Peak)

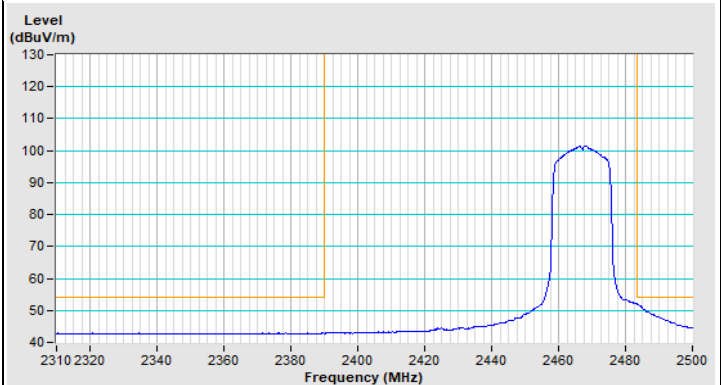


Vertical (Average)

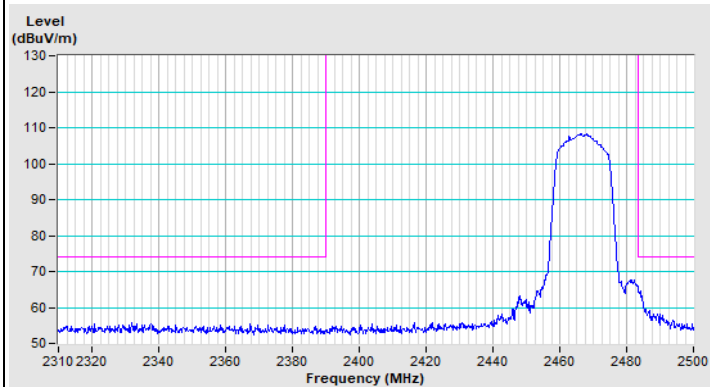
802.11g Channel 12



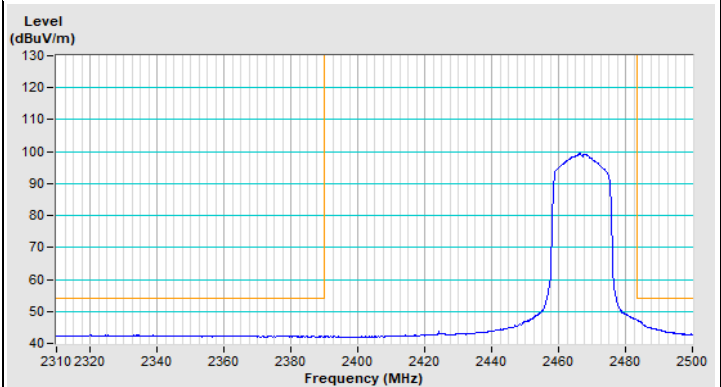
Horizontal (Peak)



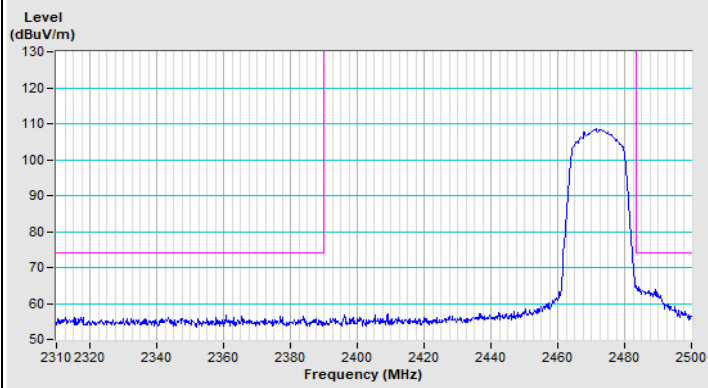
Horizontal (Average)



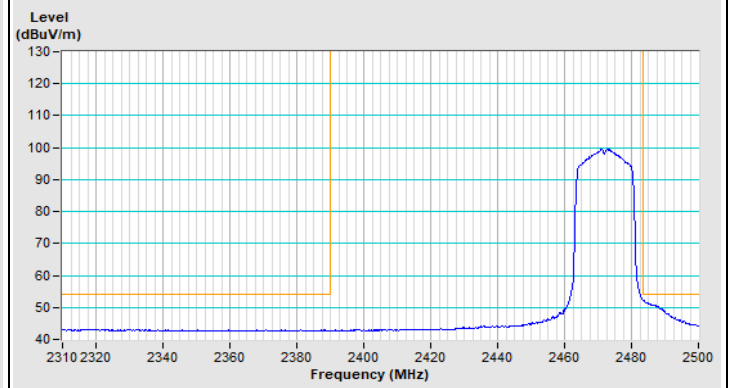
Vertical (Peak)



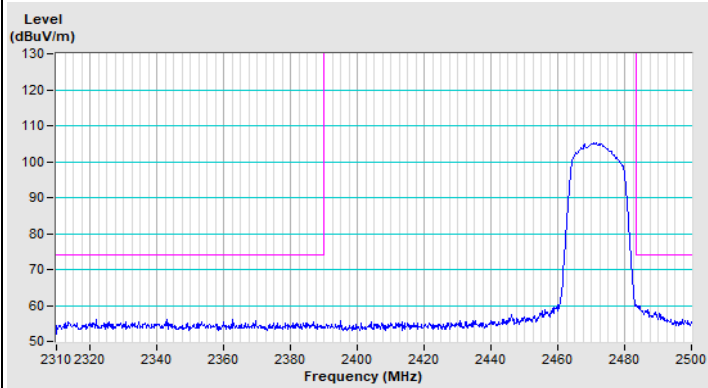
Vertical (Average)

802.11g Channel 13

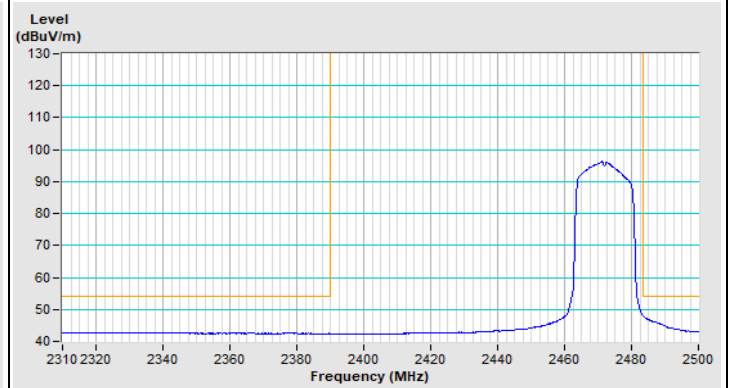
Horizontal (Peak)



Horizontal (Average)



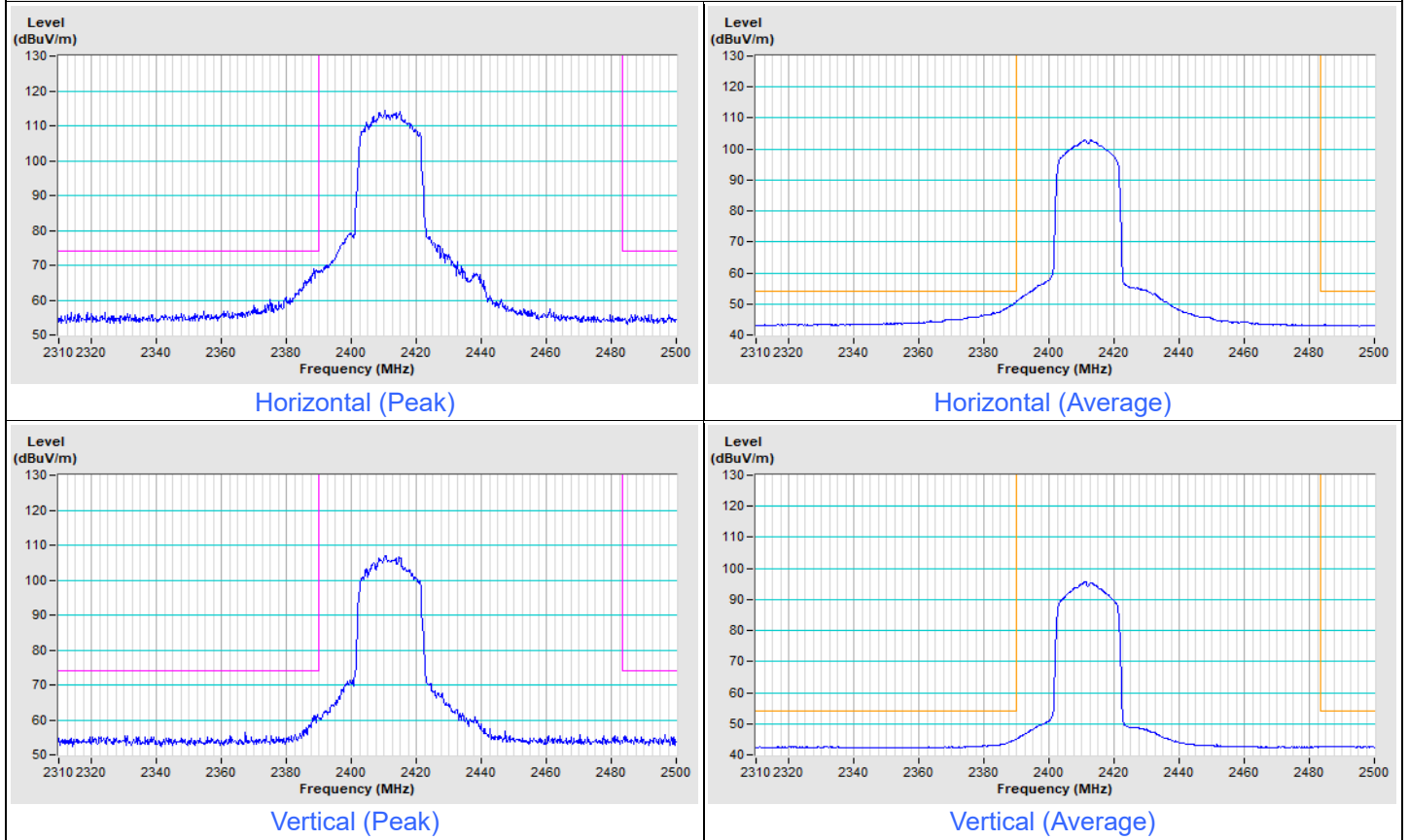
Vertical (Peak)



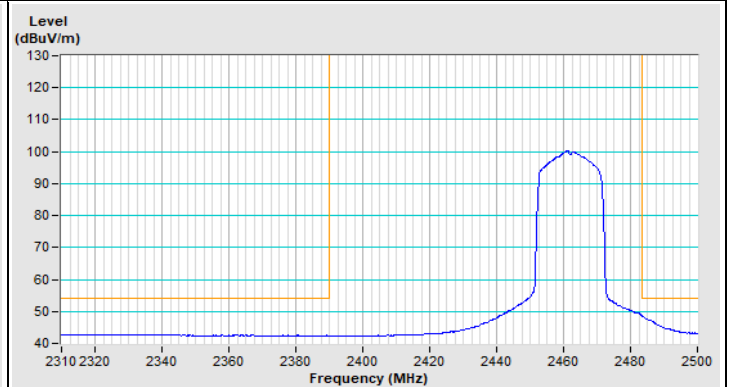
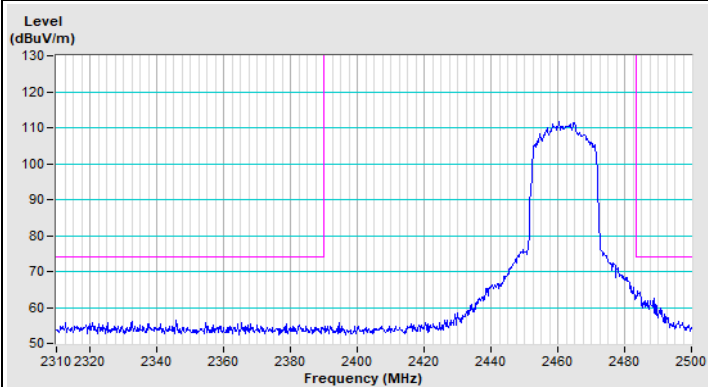
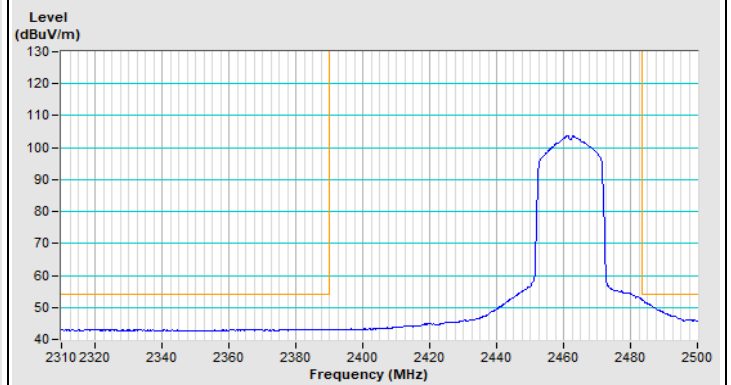
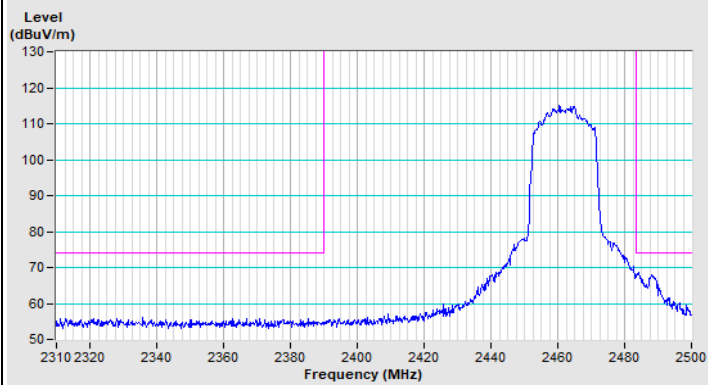
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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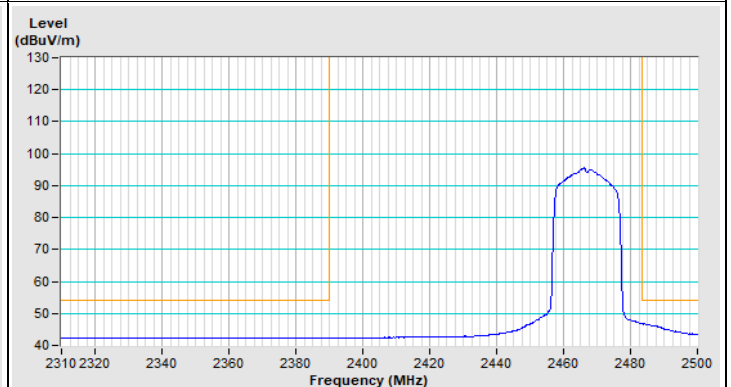
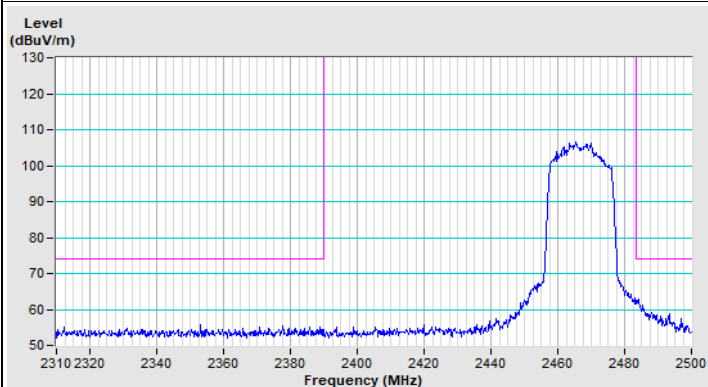
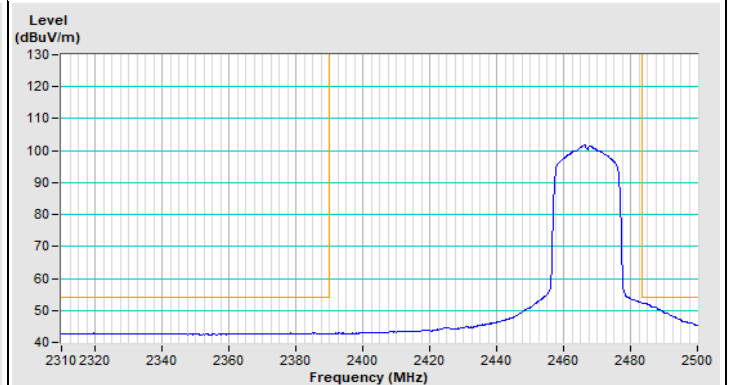
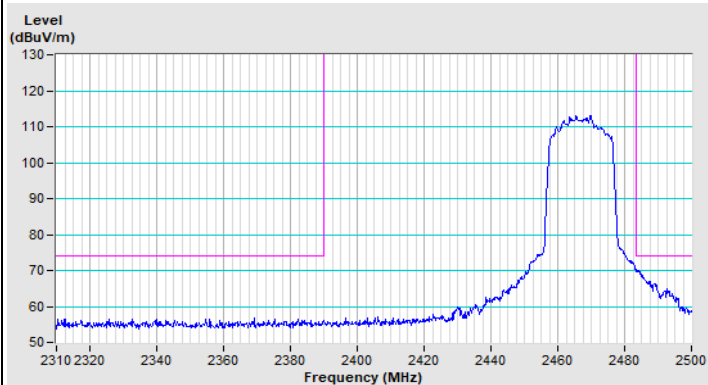
VHT20 Channel 1



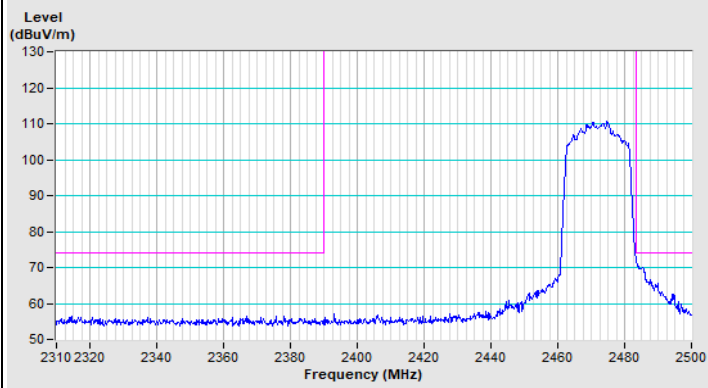
VHT20 Channel 11



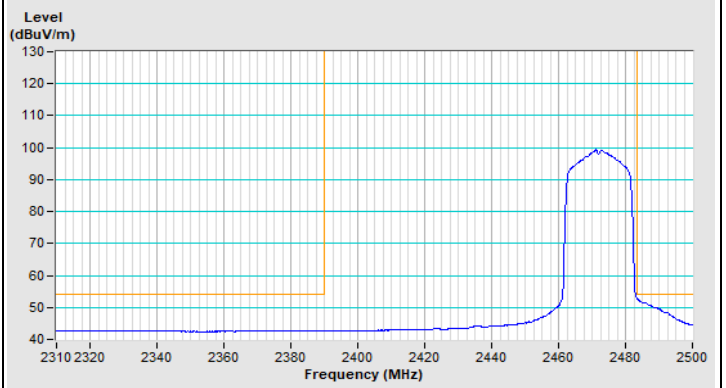
VHT20 Channel 12



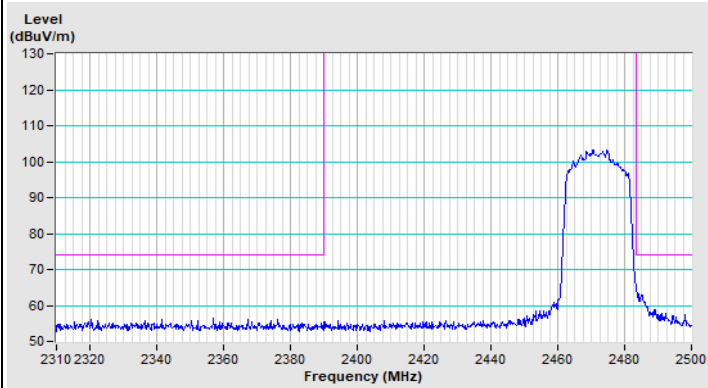
VHT20 Channel 13



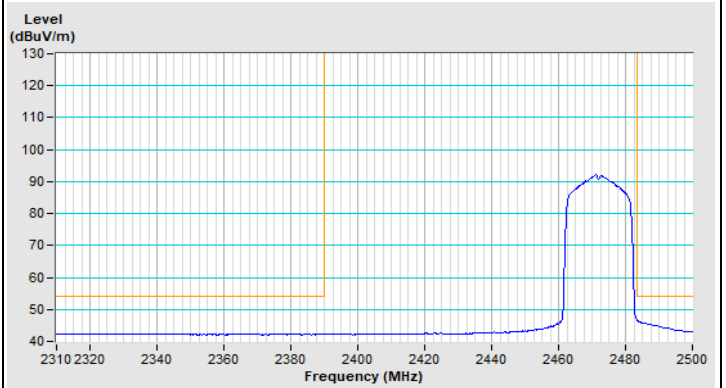
Horizontal (Peak)



Horizontal (Average)



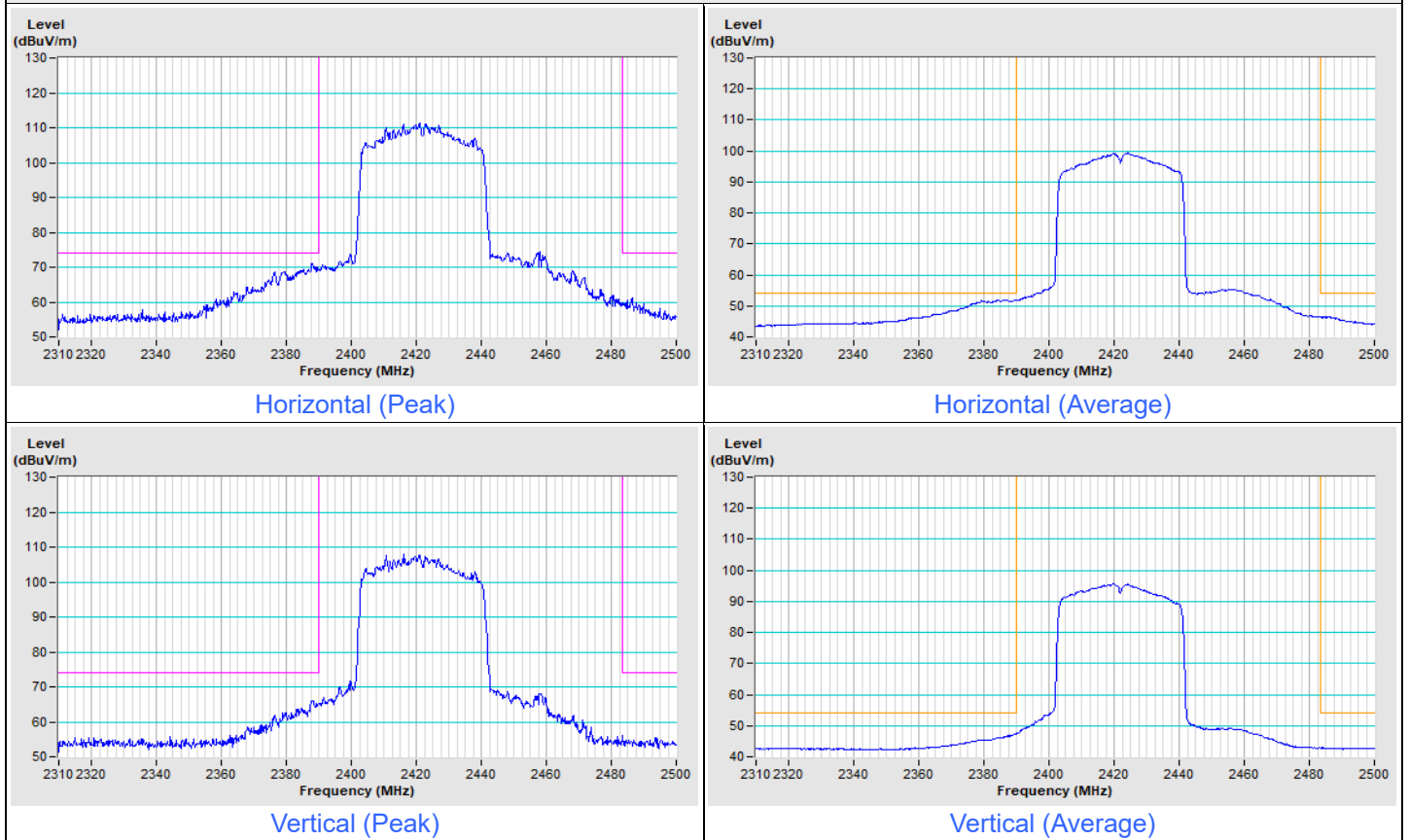
Vertical (Peak)



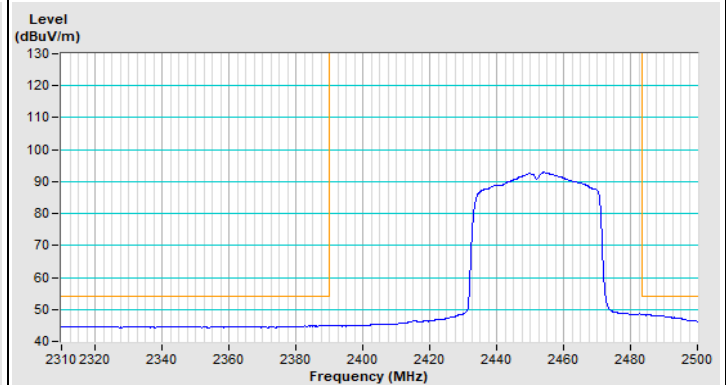
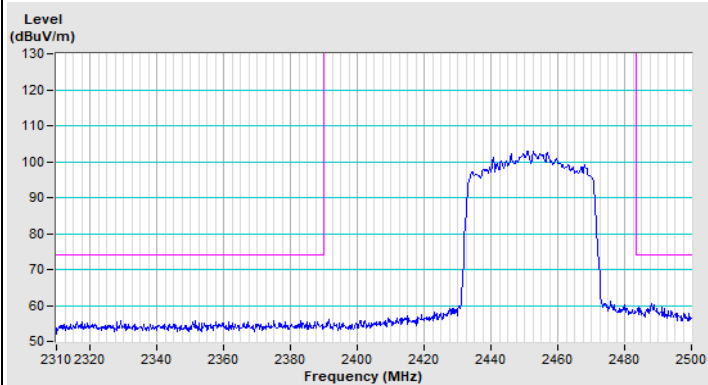
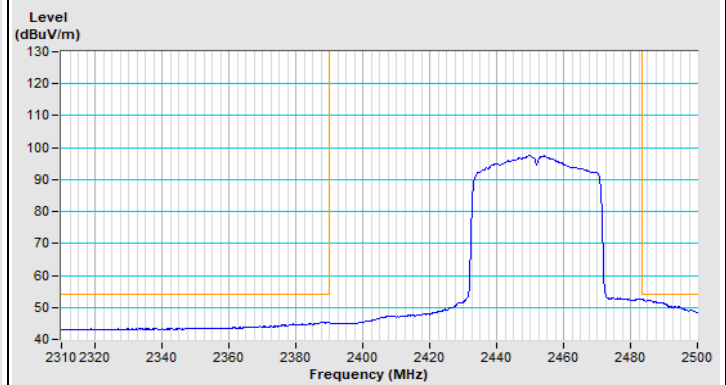
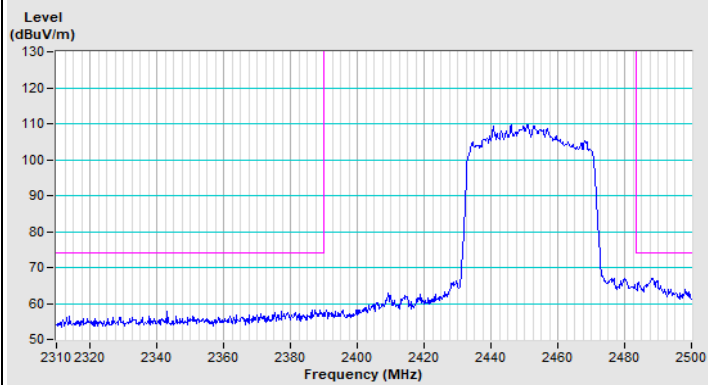
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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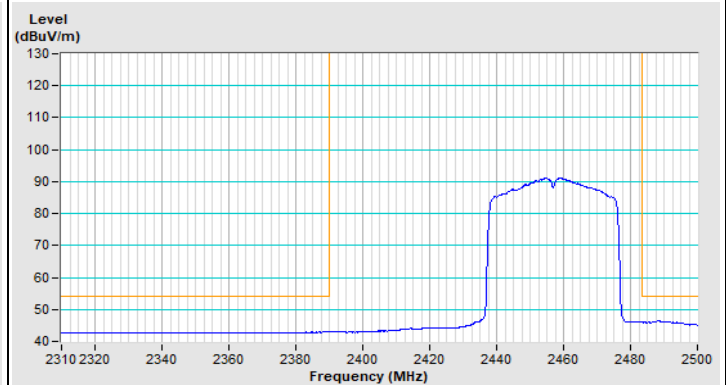
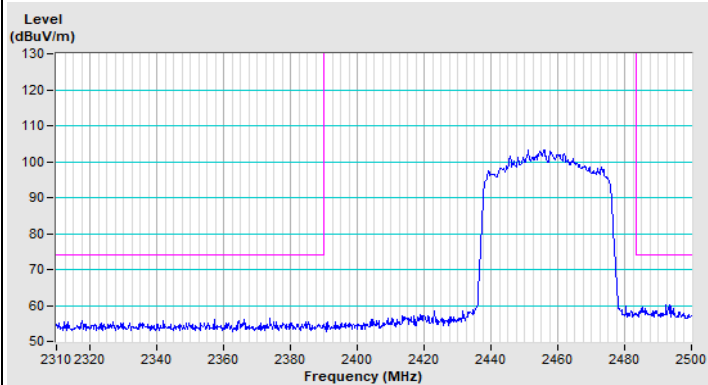
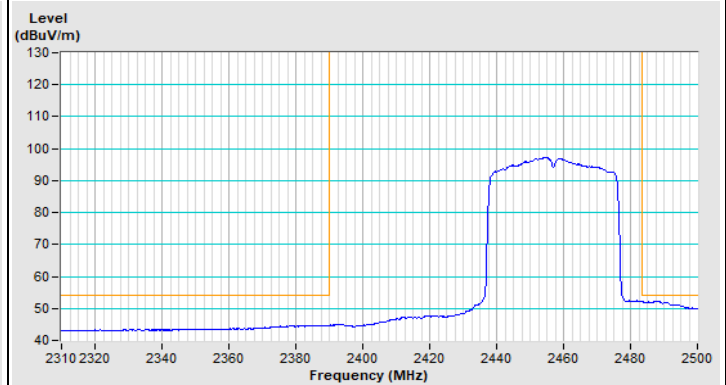
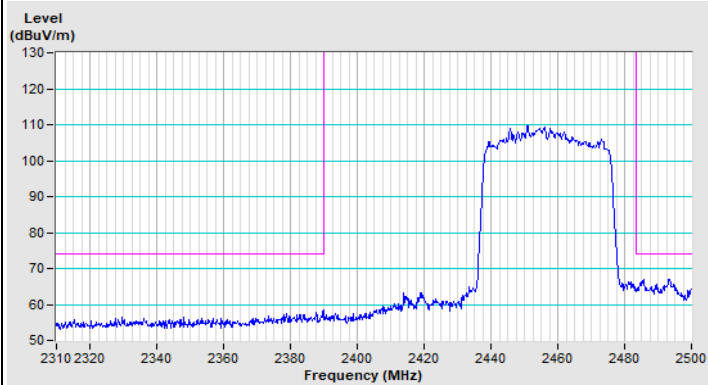
VHT40 Channel 3



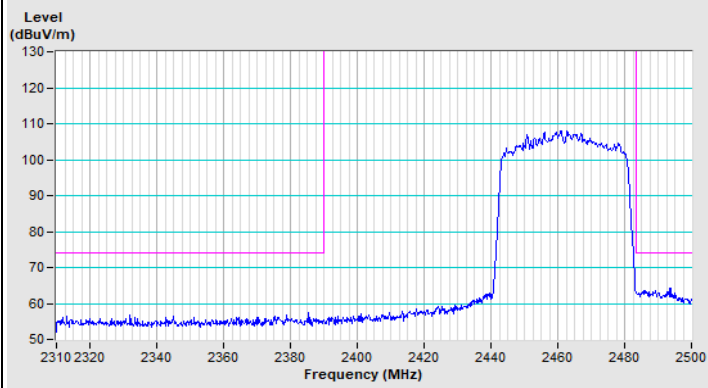
VHT40 Channel 9



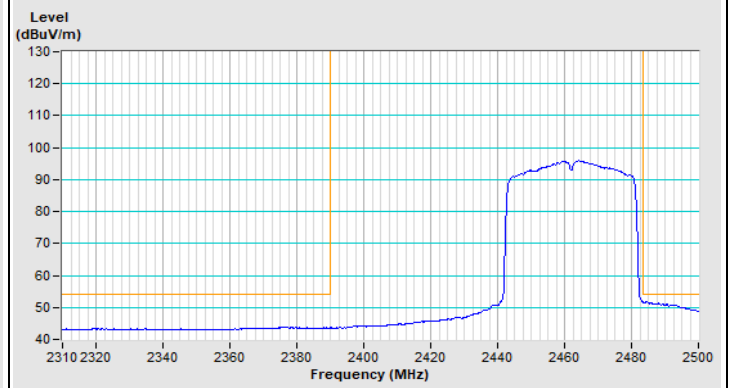
VHT40 Channel 10



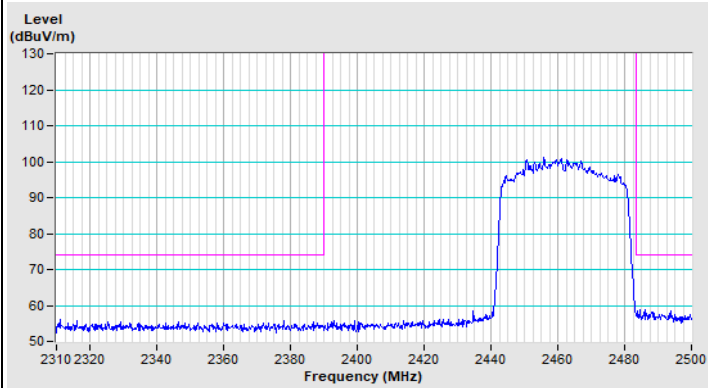
VHT40 Channel 11



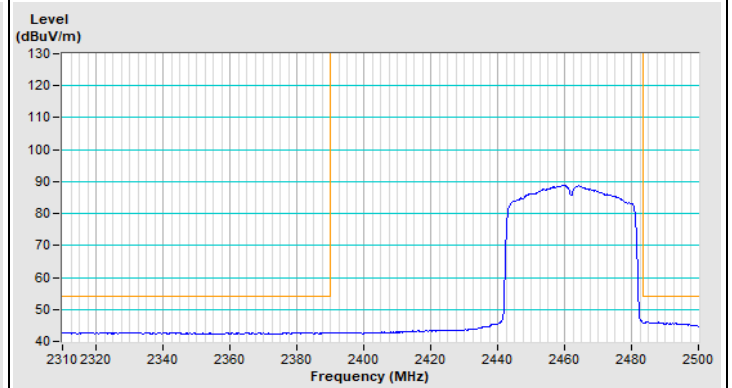
Horizontal (Peak)



Horizontal (Average)



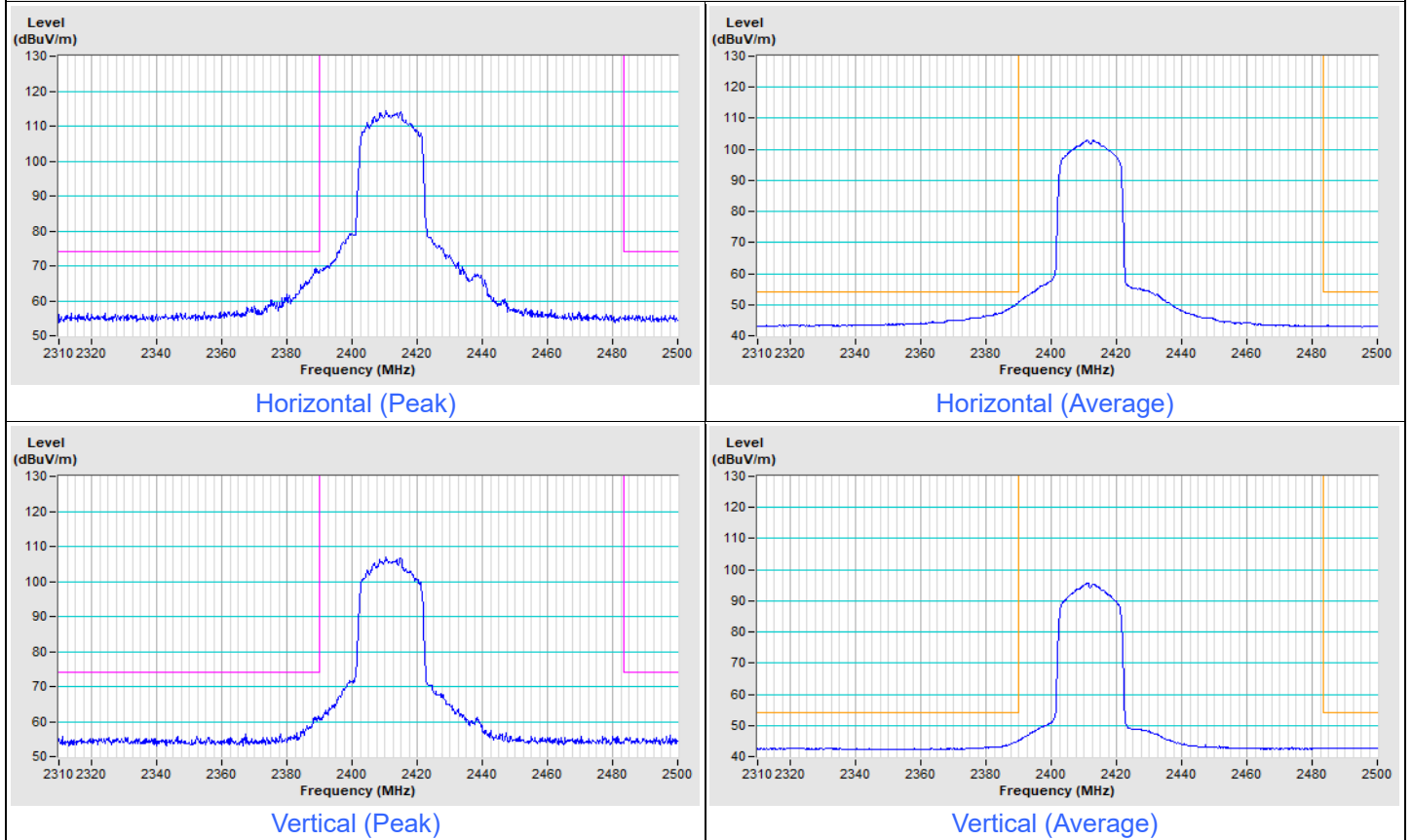
Vertical (Peak)



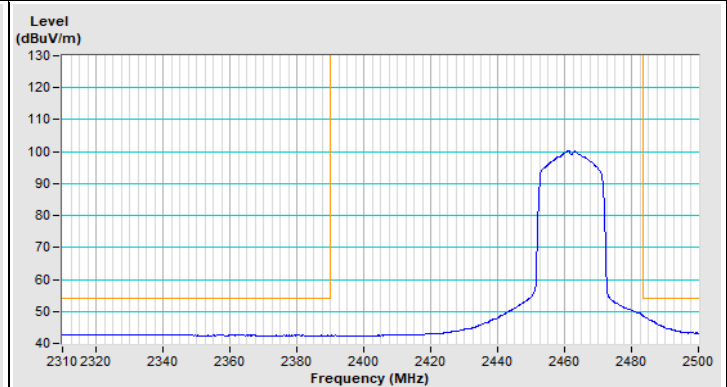
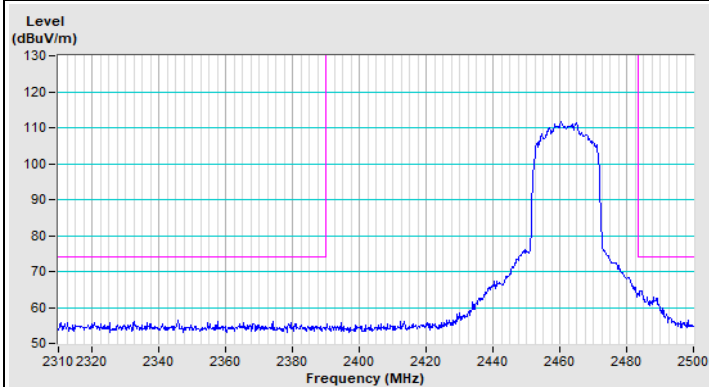
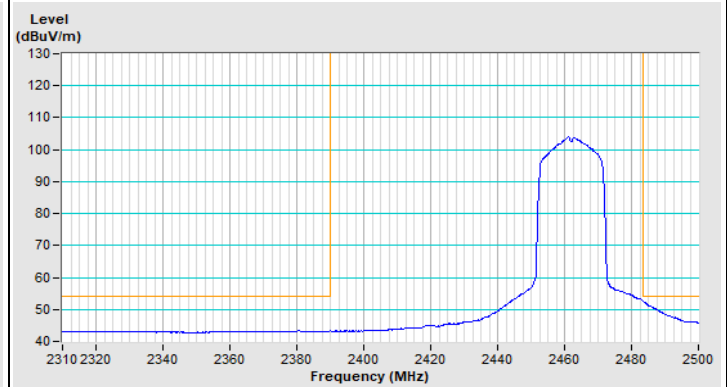
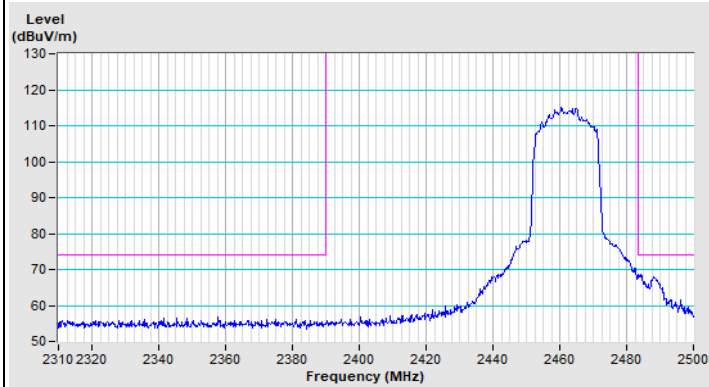
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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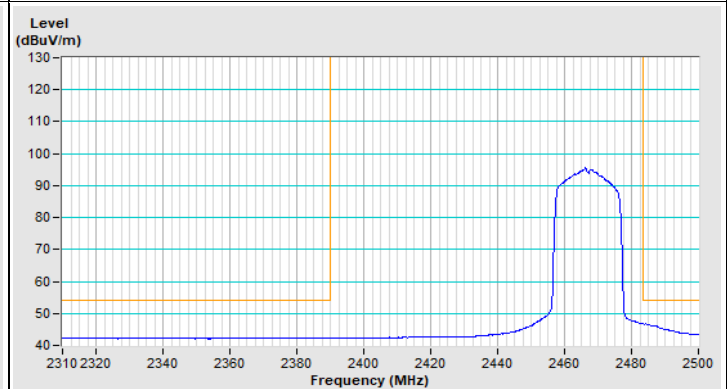
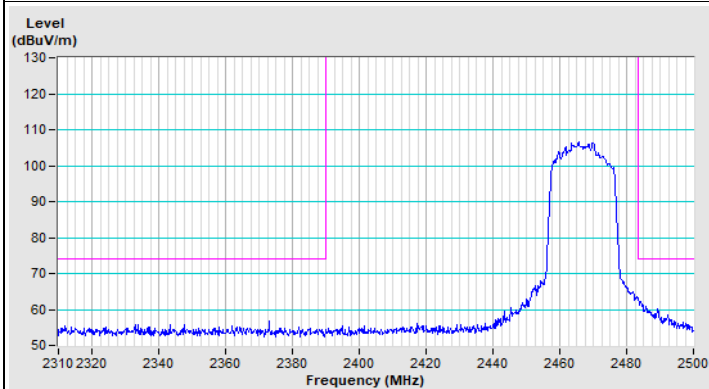
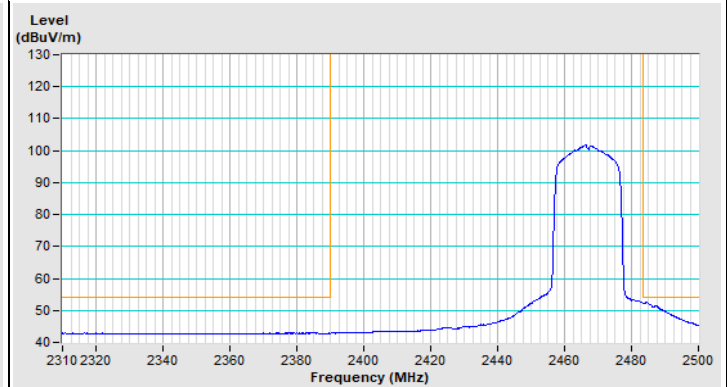
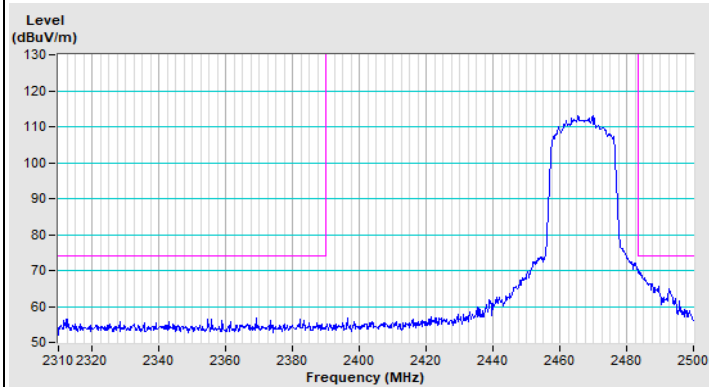
802.11ax (HE20) Channel 1



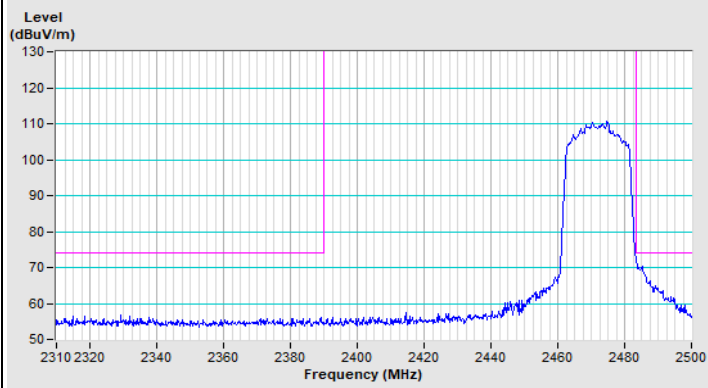
802.11ax (HE20) Channel 11



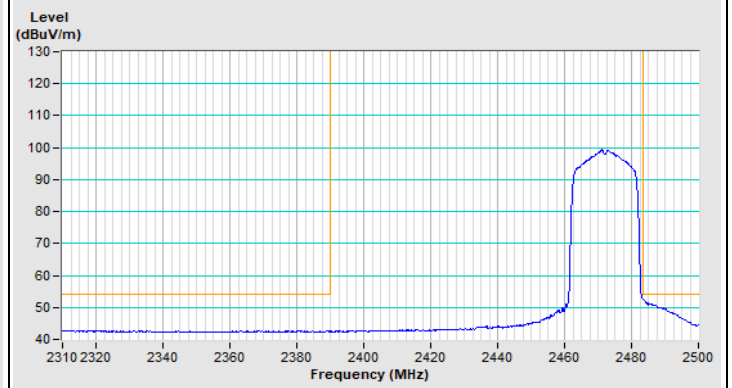
802.11ax (HE20) Channel 12



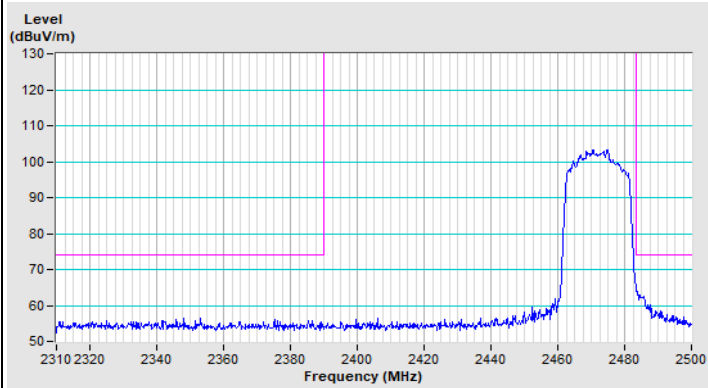
802.11ax (HE20) Channel 13



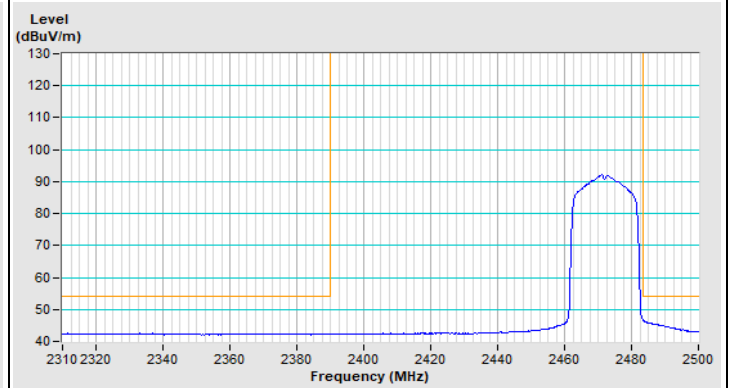
Horizontal (Peak)



Horizontal (Average)



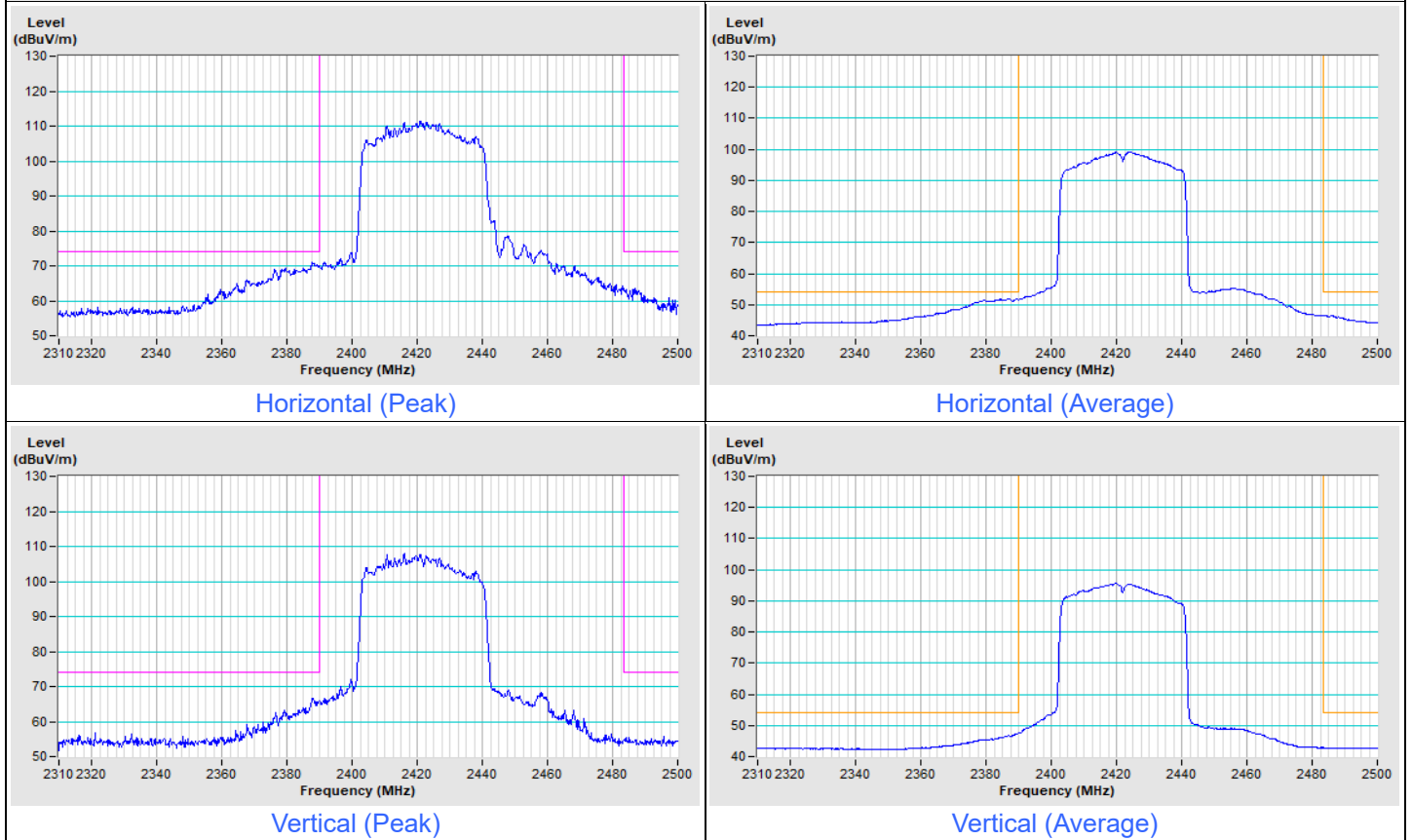
Vertical (Peak)



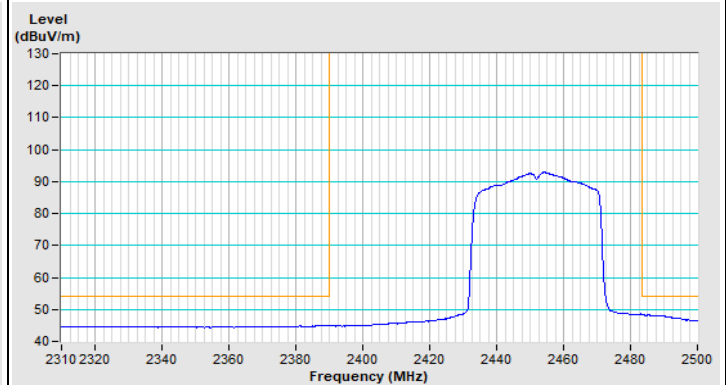
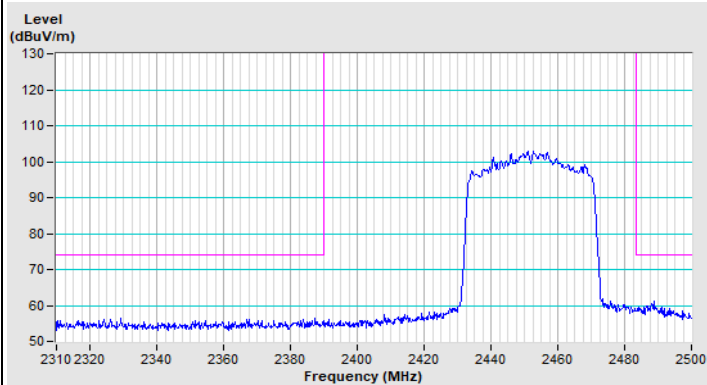
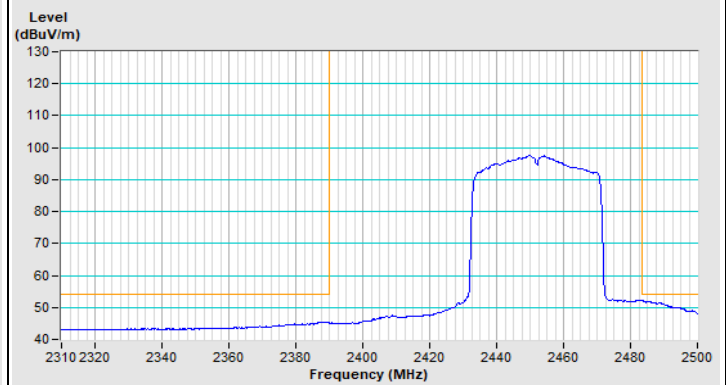
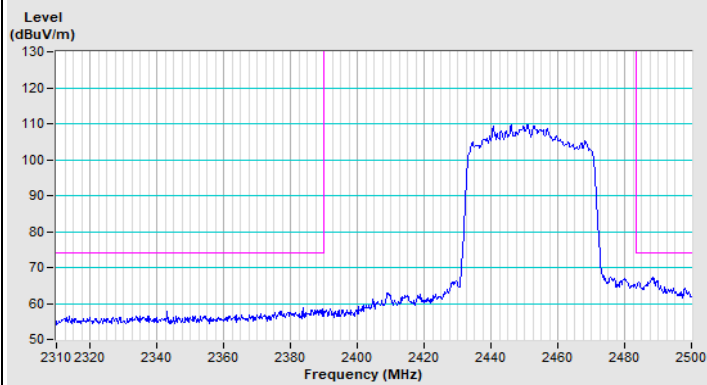
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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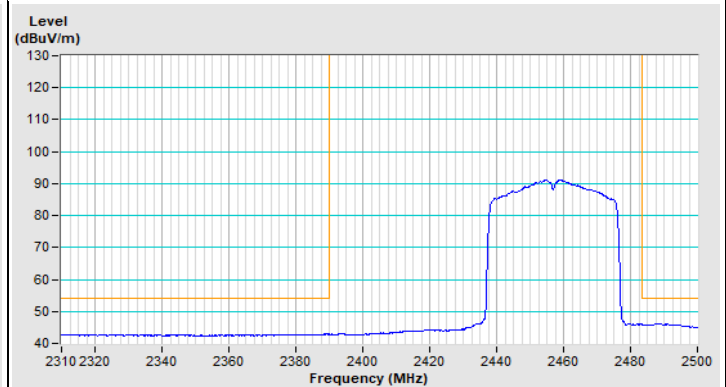
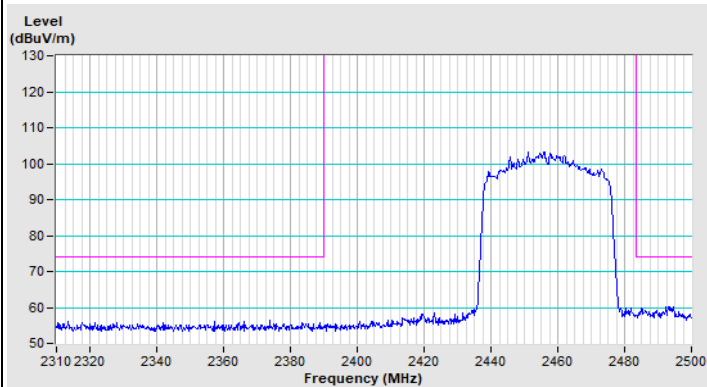
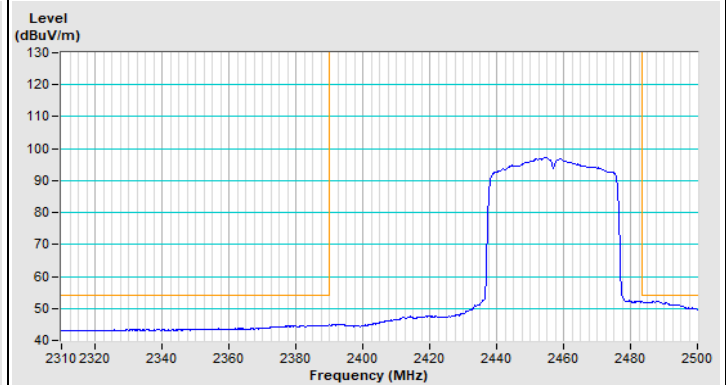
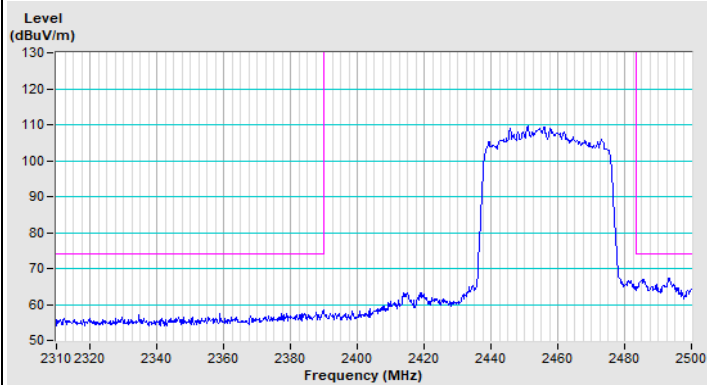
802.11ax (HE40) Channel 3



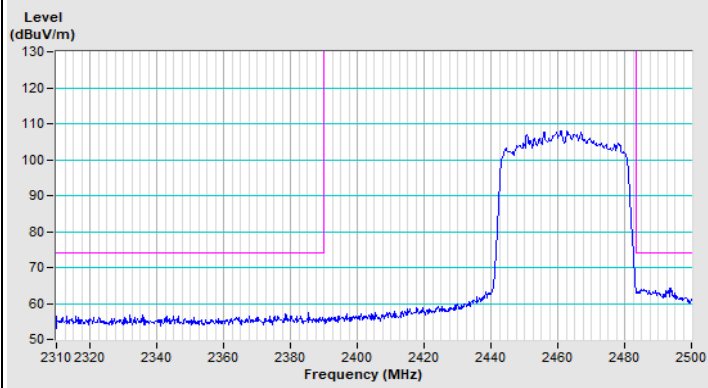
802.11ax (HE40) Channel 9



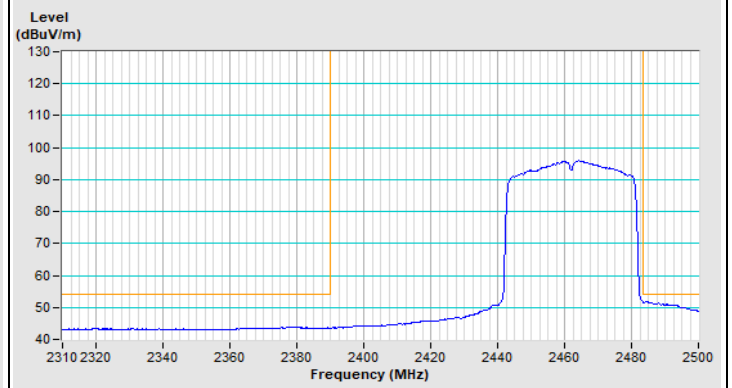
802.11ax (HE40) Channel 10



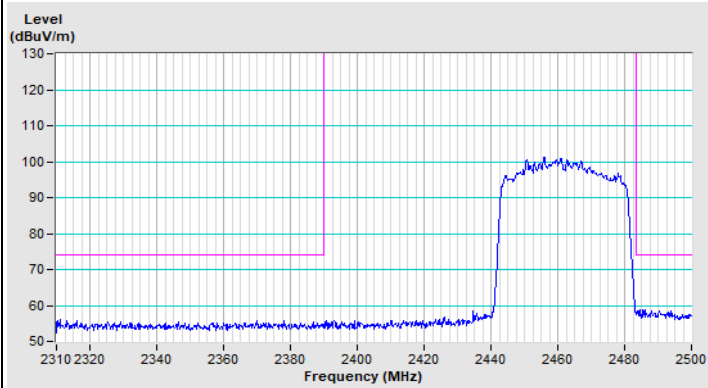
802.11ax (HE40) Channel 11



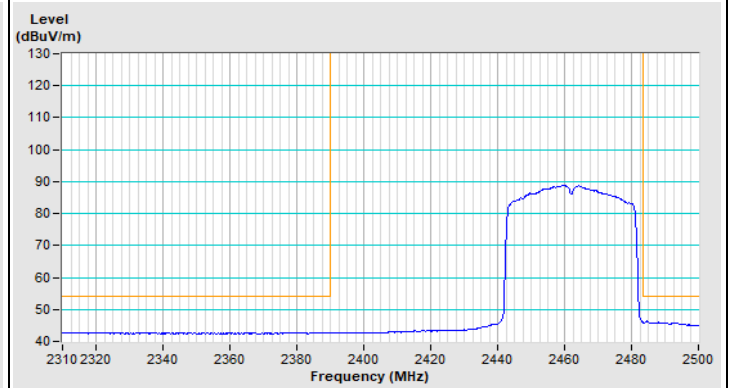
Horizontal (Peak)



Horizontal (Average)



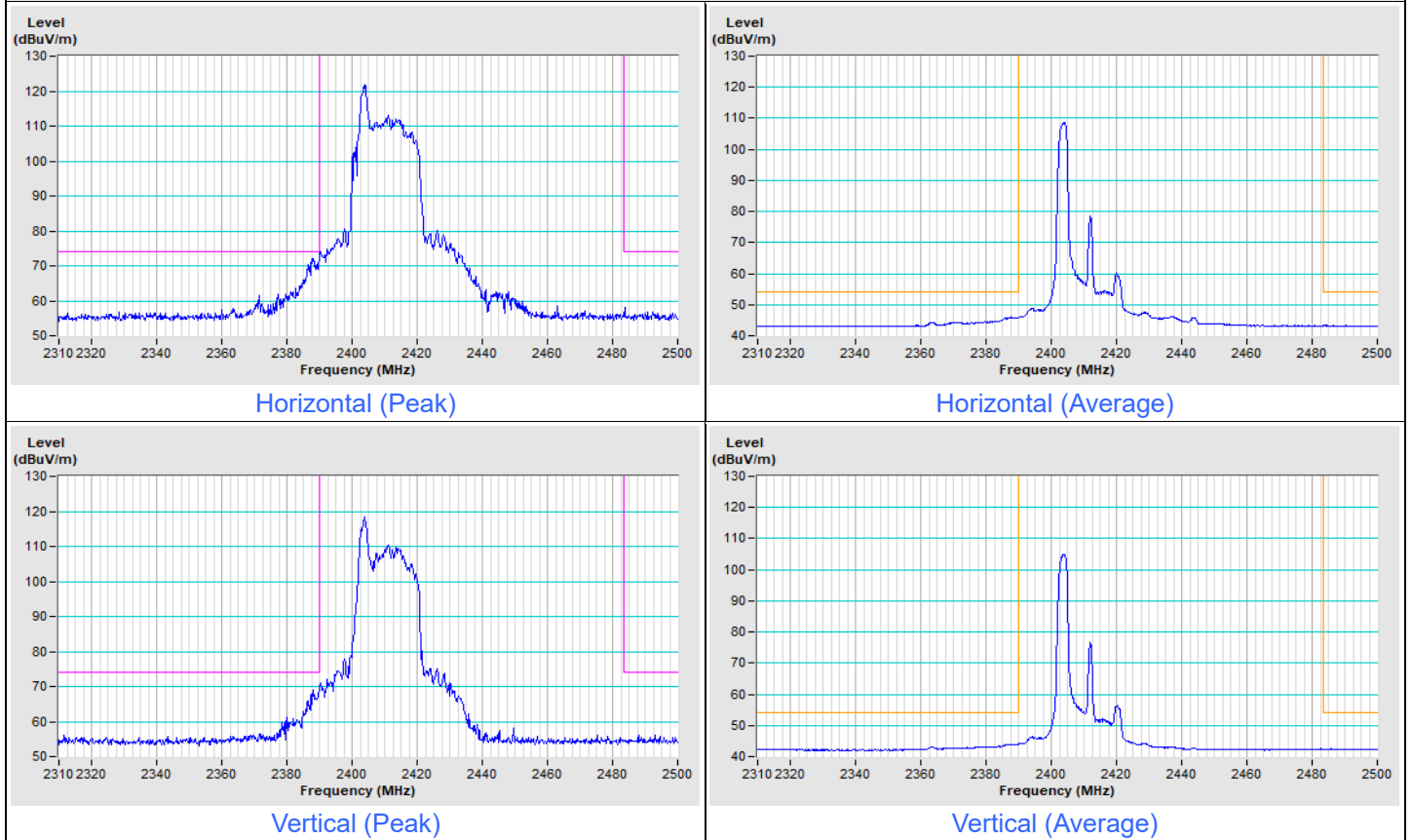
Vertical (Peak)



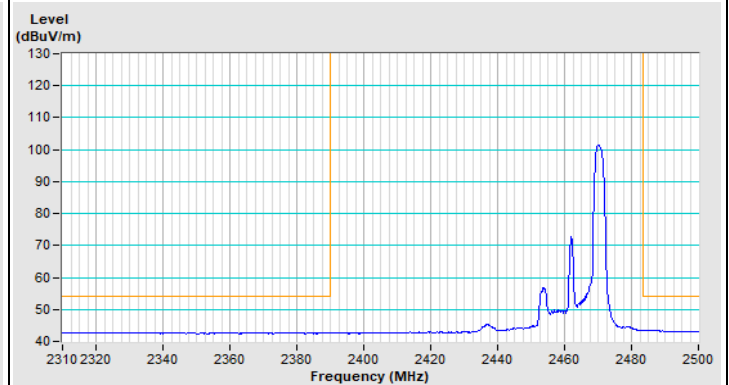
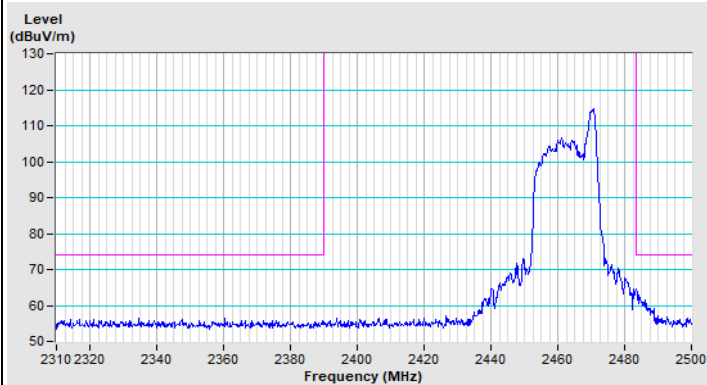
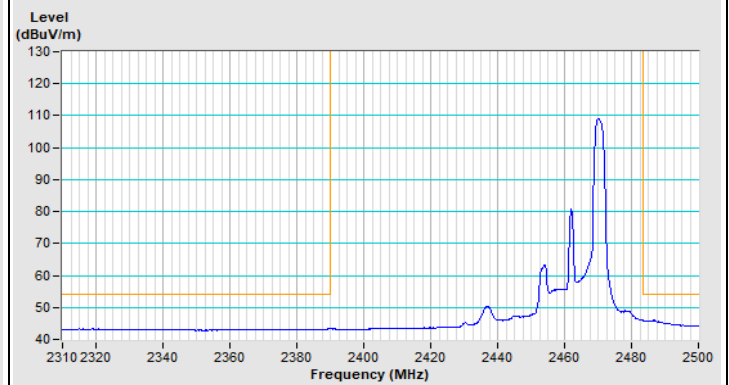
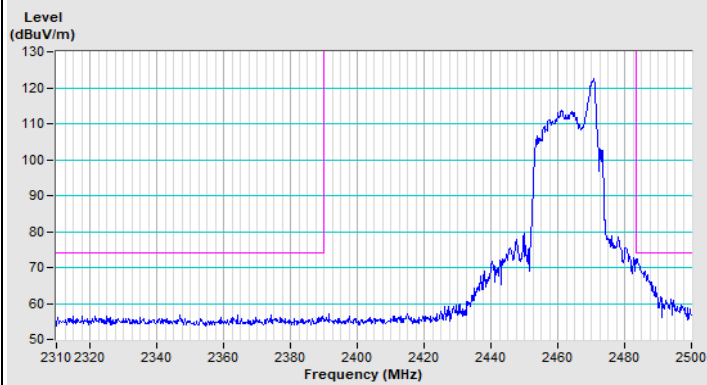
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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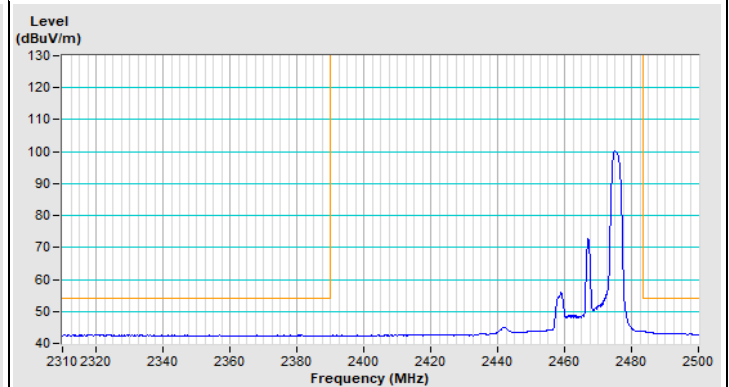
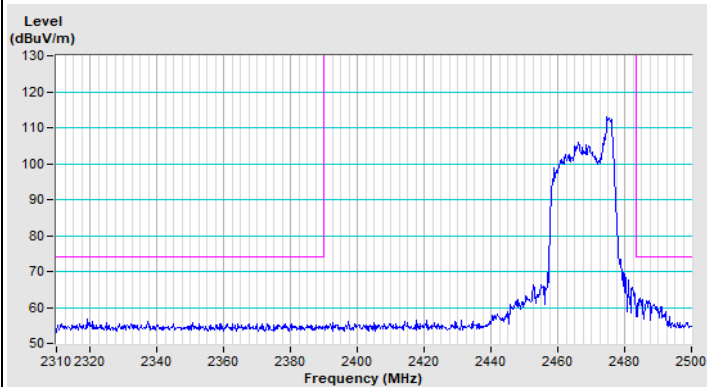
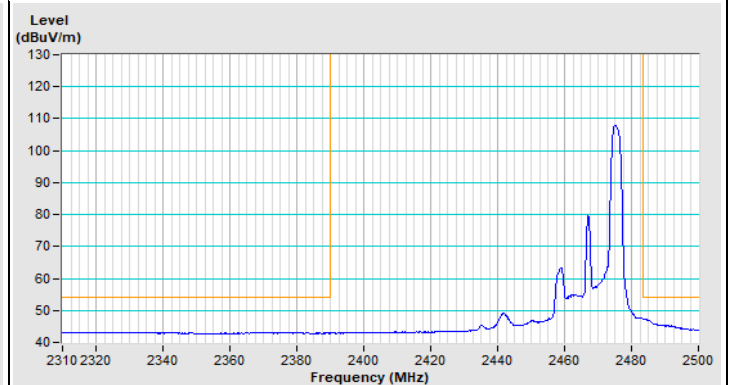
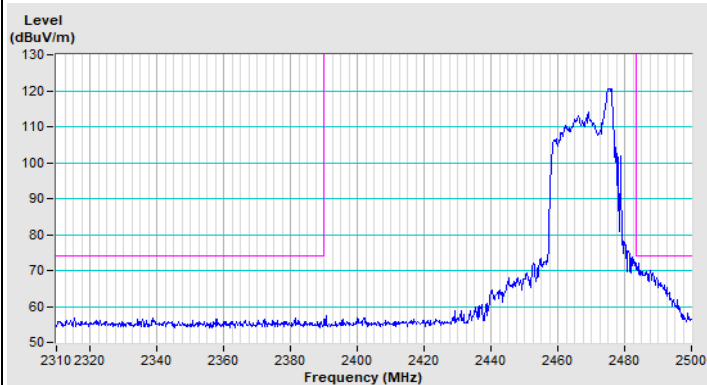
802.11ax (HE20) 26-tone RU Channel 1



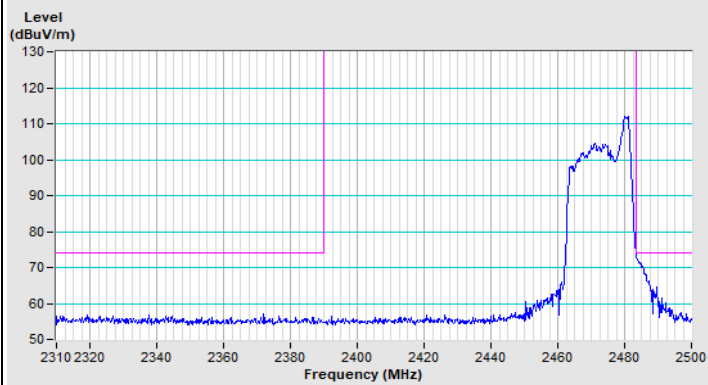
802.11ax (HE20) 26-tone RU Channel 11



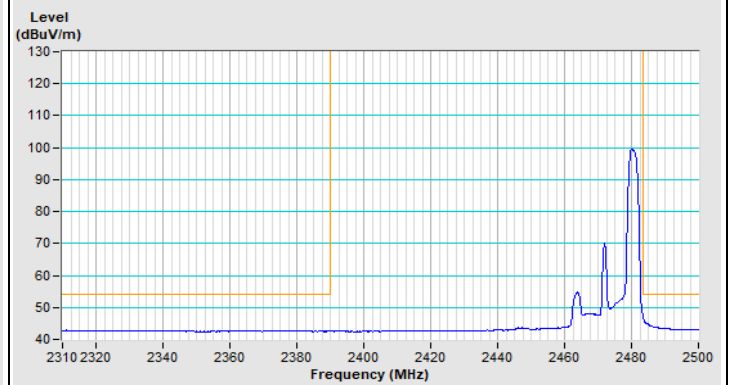
802.11ax (HE20) 26-tone RU Channel 12



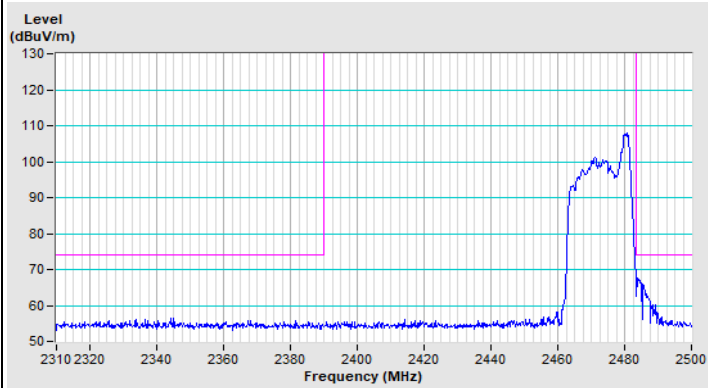
802.11ax (HE20) 26-tone RU Channel 13



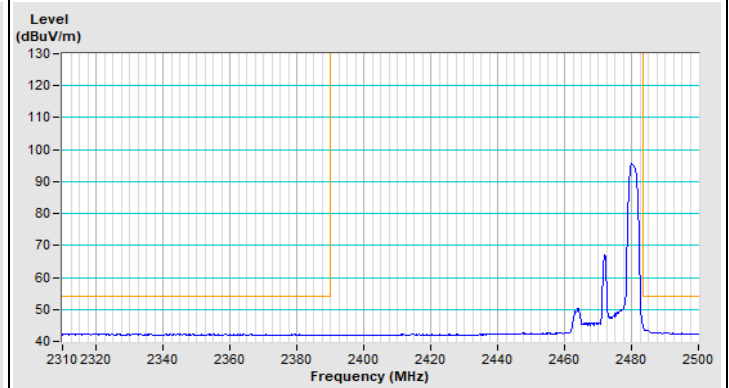
Horizontal (Peak)



Horizontal (Average)



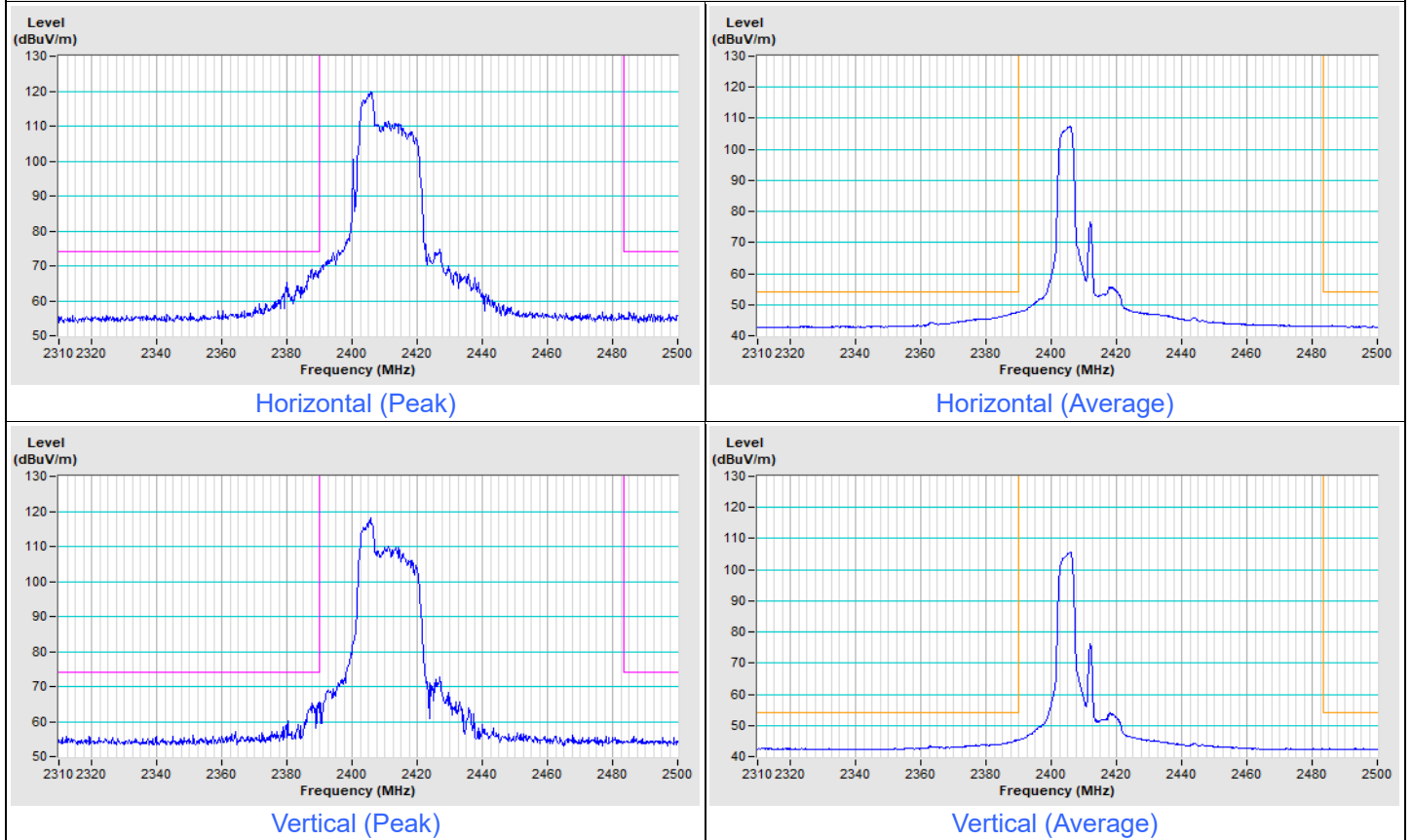
Vertical (Peak)



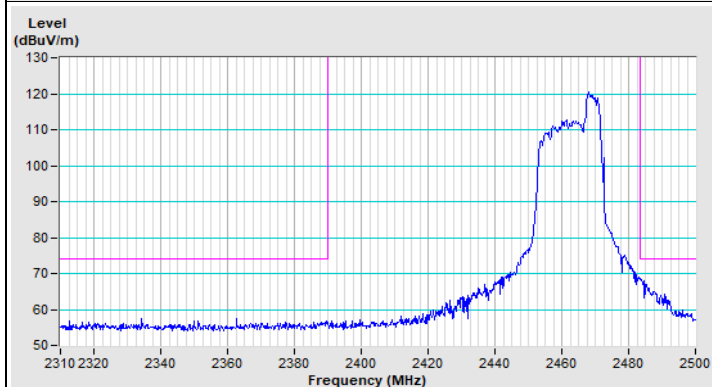
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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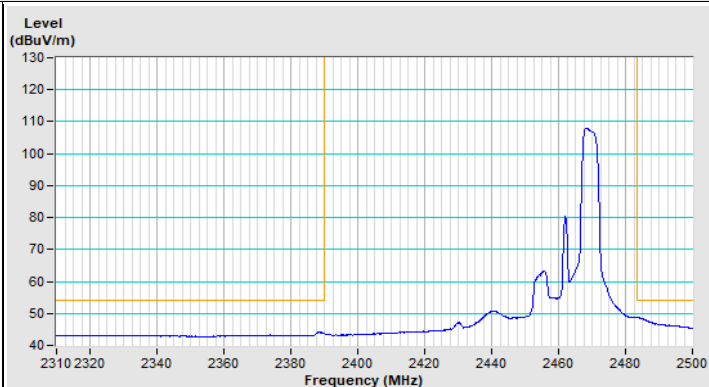
802.11ax (HE20) 52-tone RU Channel 1



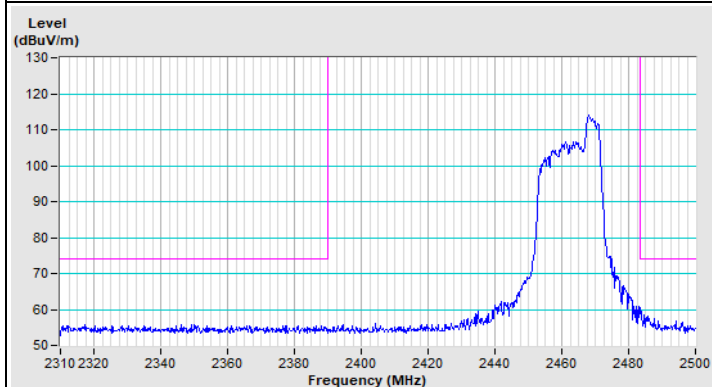
802.11ax (HE20) 52-tone RU Channel 11



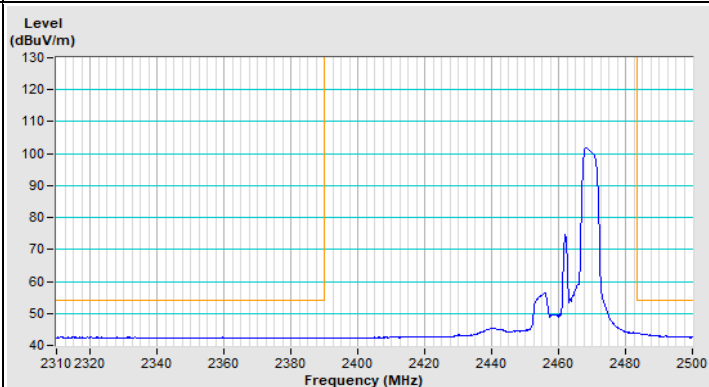
Horizontal (Peak)



Horizontal (Average)

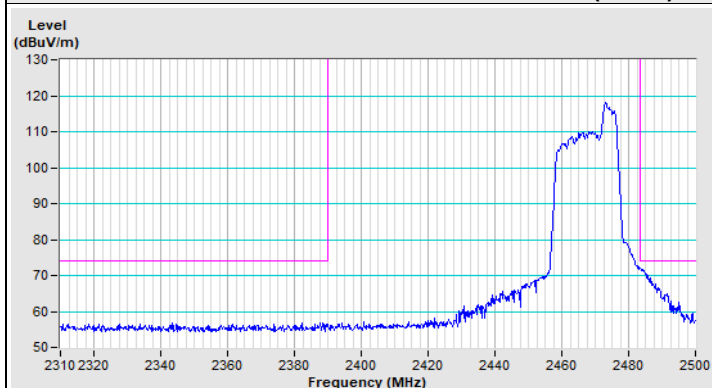


Vertical (Peak)

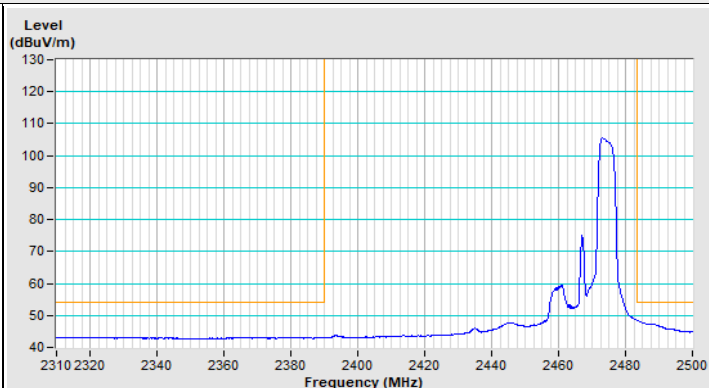


Vertical (Average)

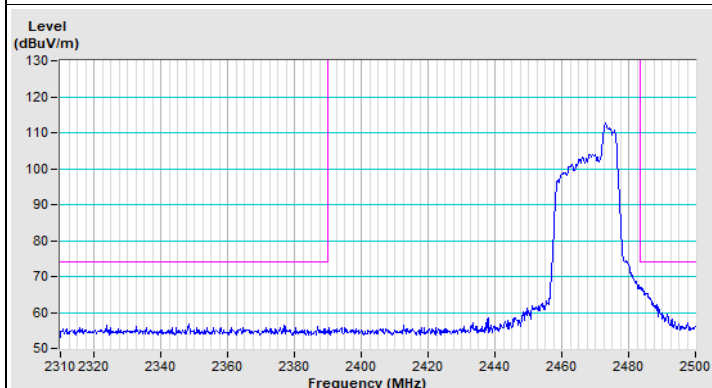
802.11ax (HE20) 52-tone RU Channel 12



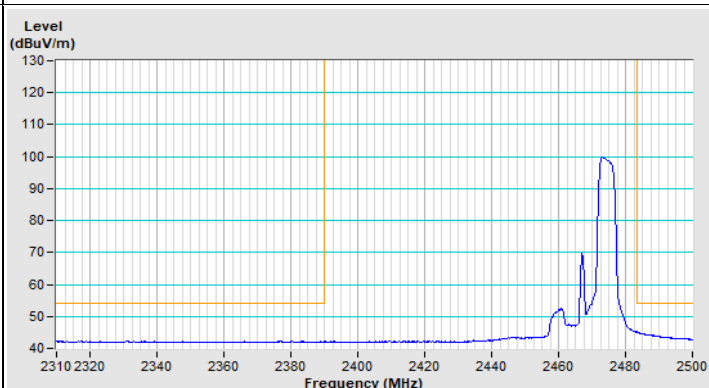
Horizontal (Peak)



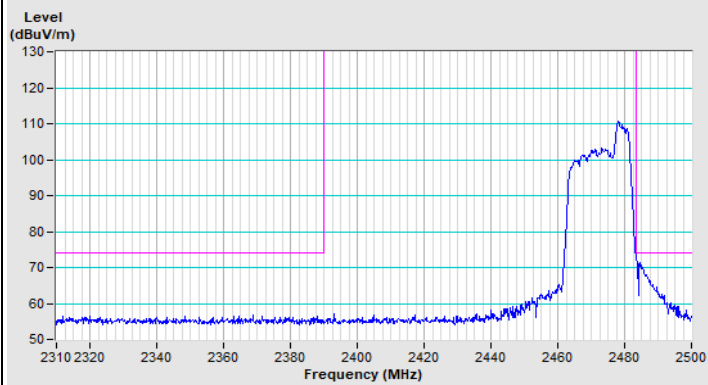
Horizontal (Average)



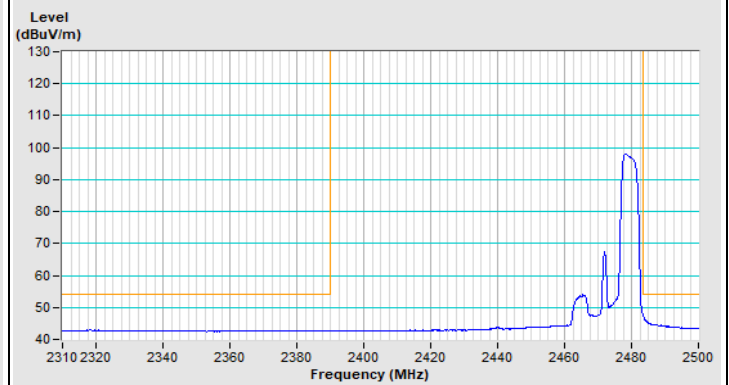
Vertical (Peak)



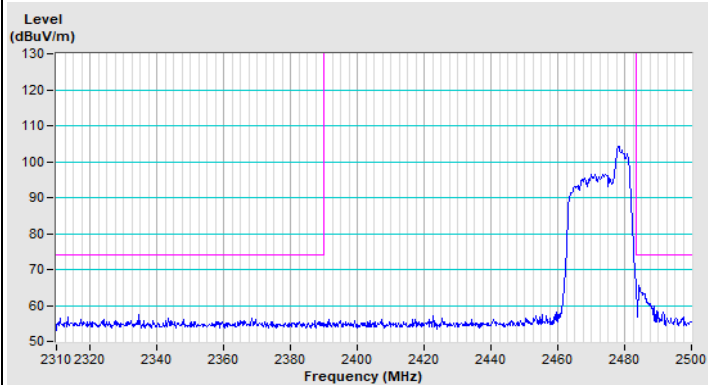
Vertical (Average)

802.11ax (HE20) 52-tone RU Channel 13

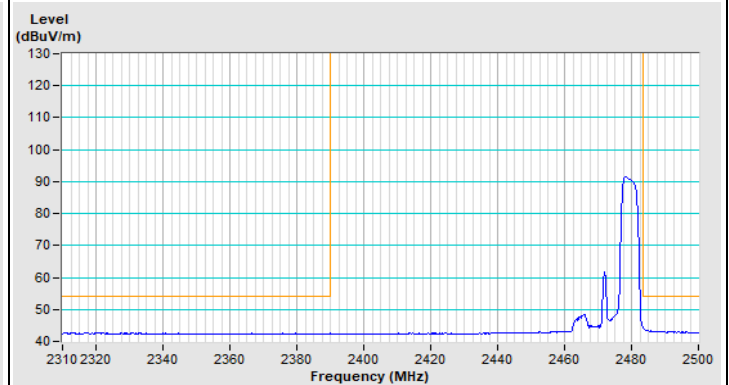
Horizontal (Peak)



Horizontal (Average)



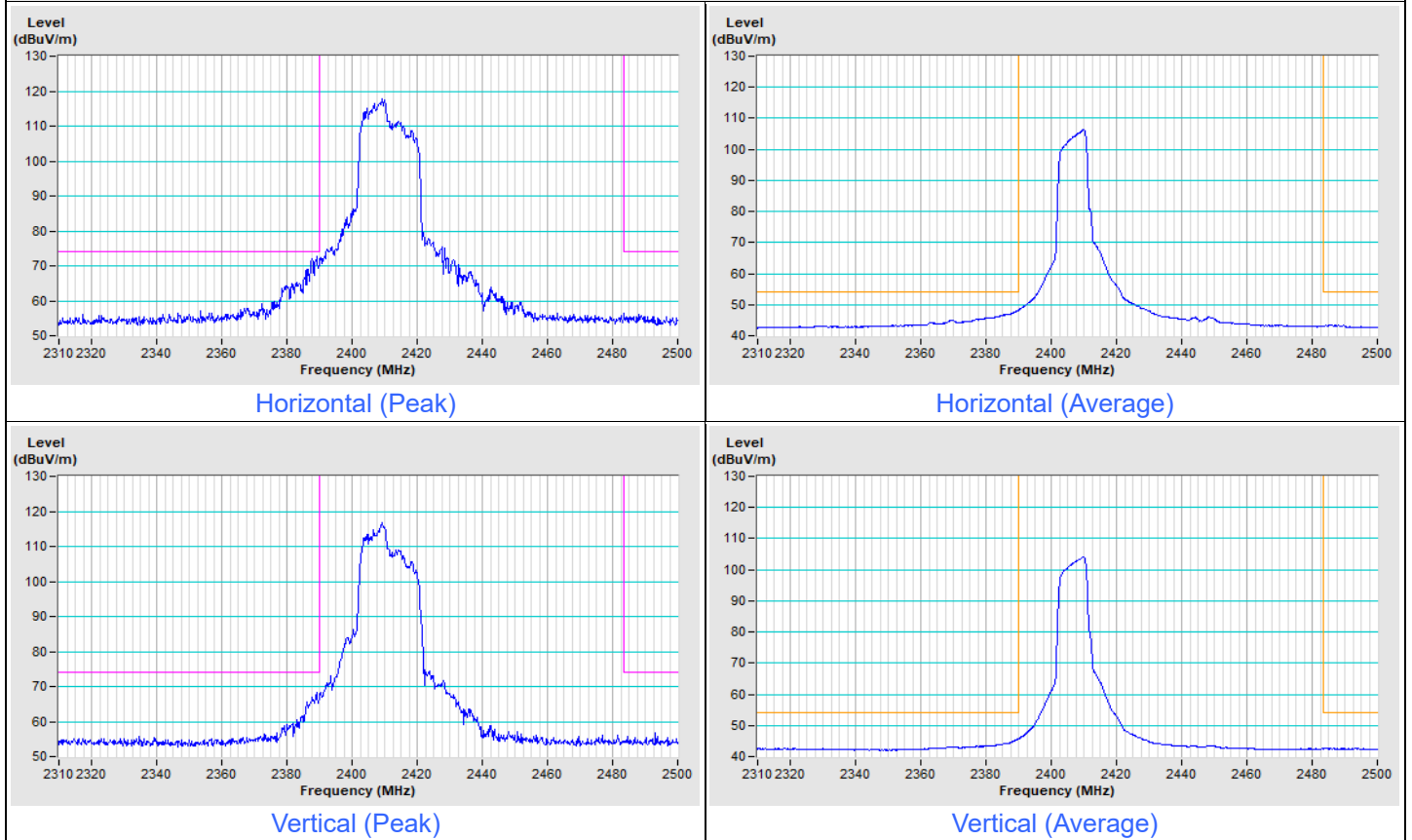
Vertical (Peak)



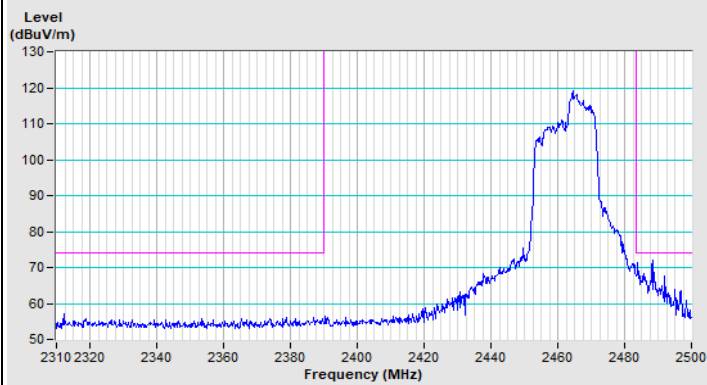
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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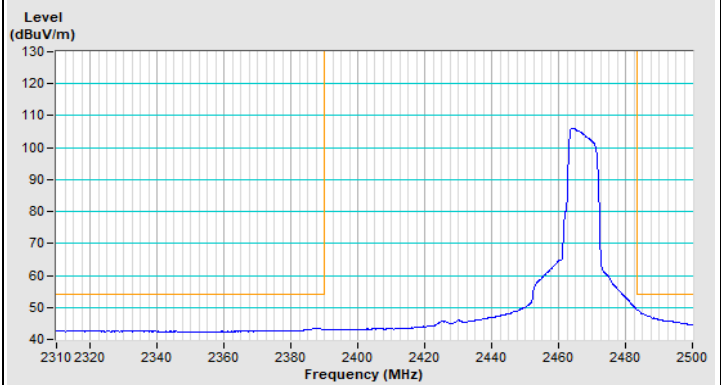
802.11ax (HE20) 106-tone RU Channel 1



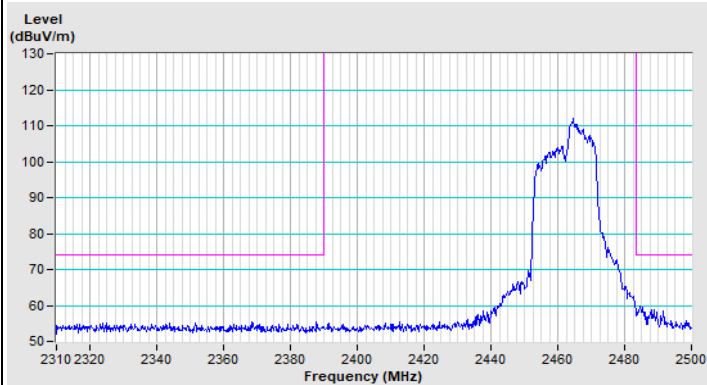
802.11ax (HE20) 106-tone RU Channel 11



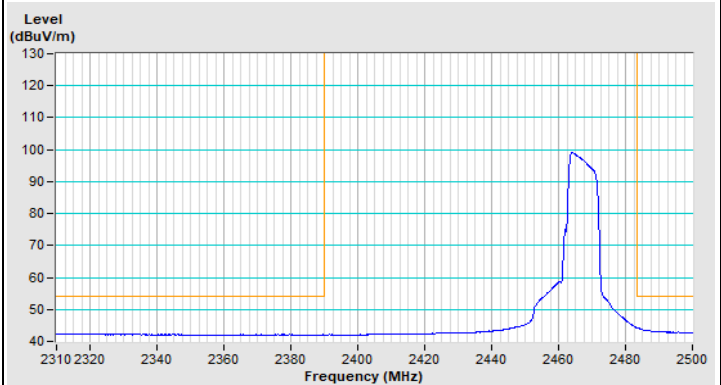
Horizontal (Peak)



Horizontal (Average)

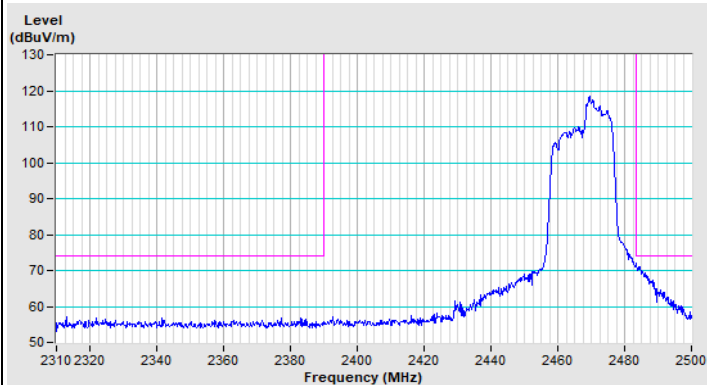


Vertical (Peak)

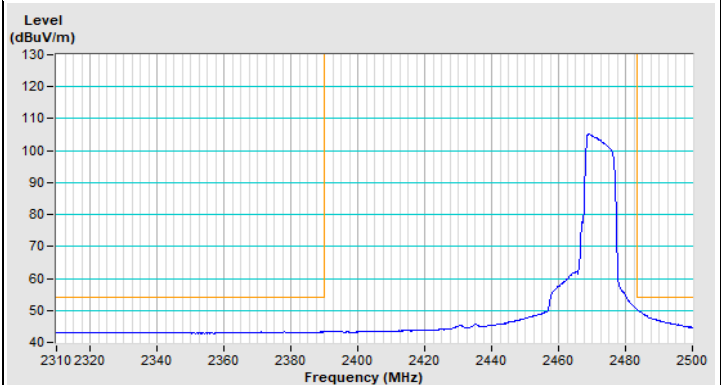


Vertical (Average)

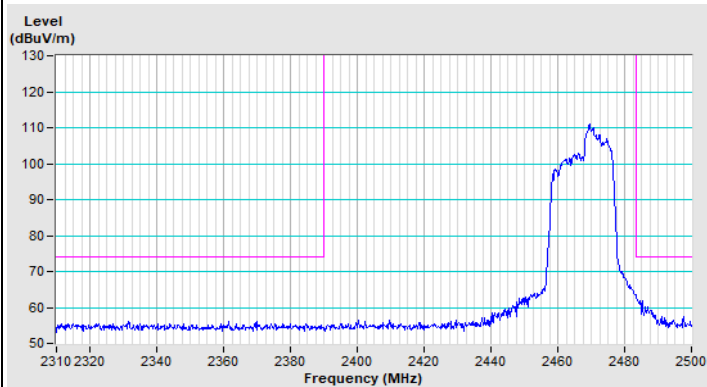
802.11ax (HE20) 106-tone RU Channel 12



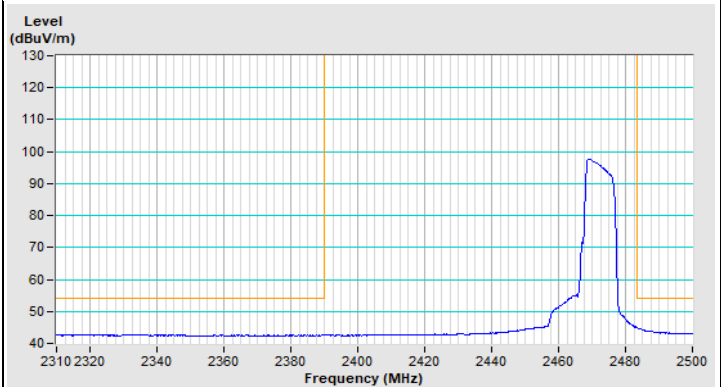
Horizontal (Peak)



Horizontal (Average)

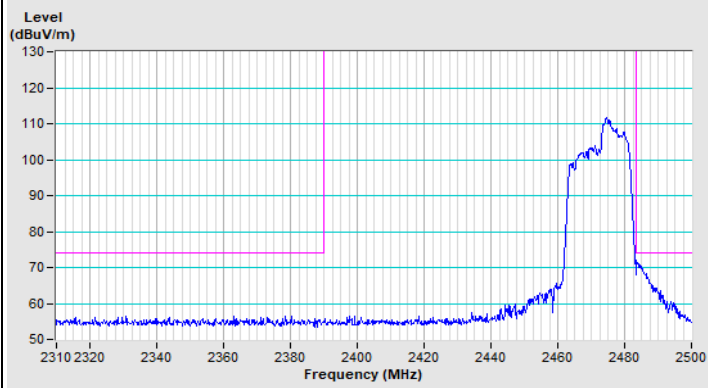


Vertical (Peak)

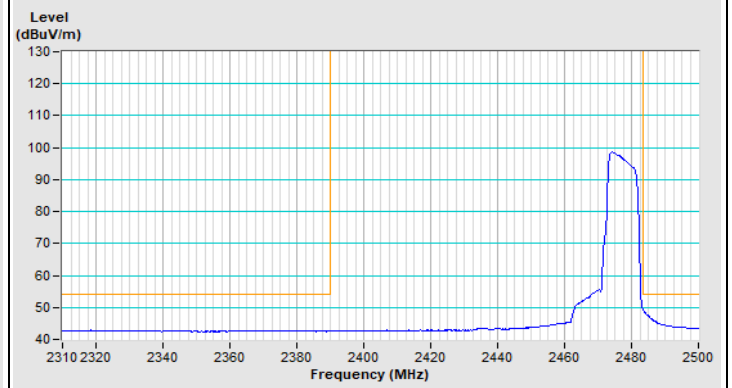


Vertical (Average)

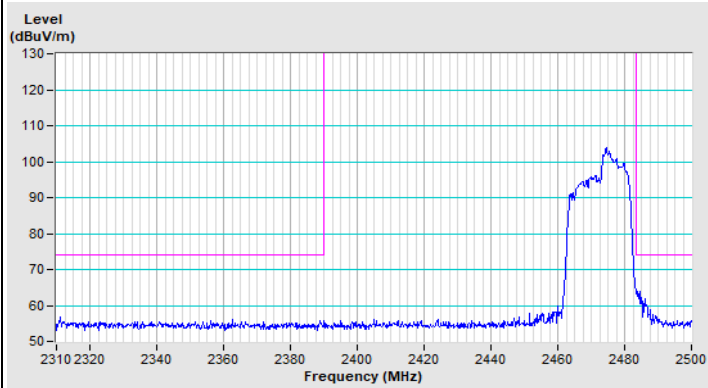
802.11ax (HE20) 106-tone RU Channel 13



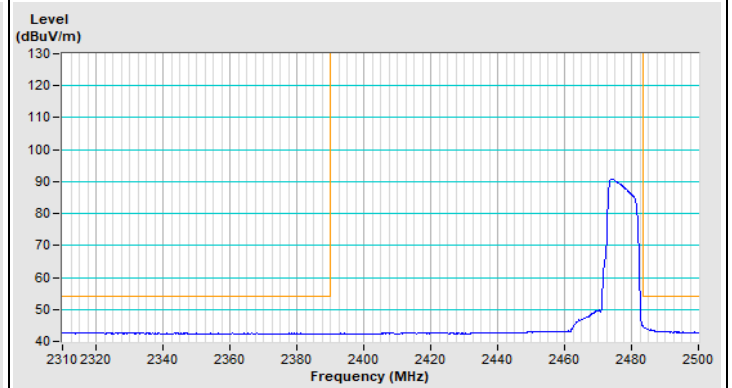
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)



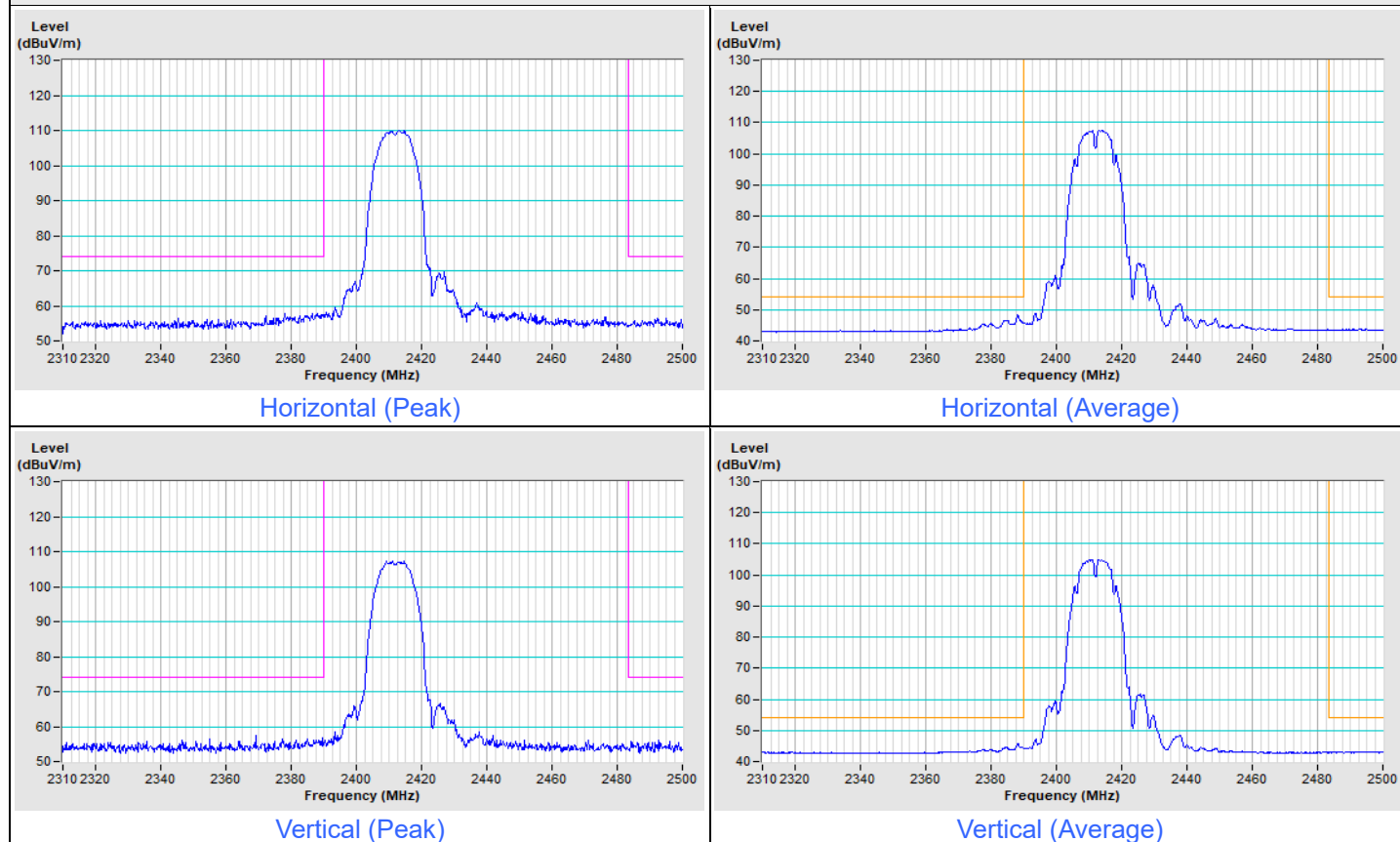
Vertical (Average)

Plot of Band Edge

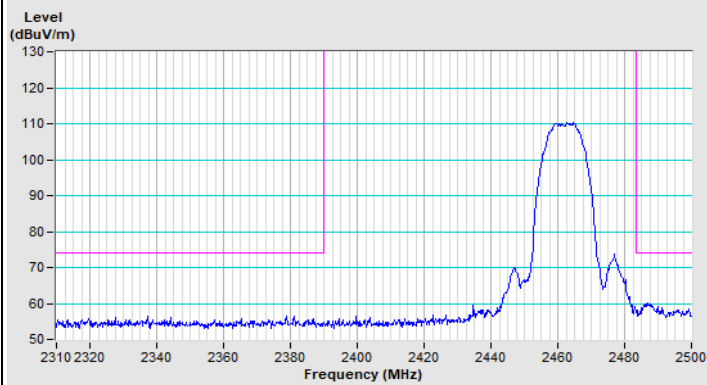
Mode D (USB interface using external antenna)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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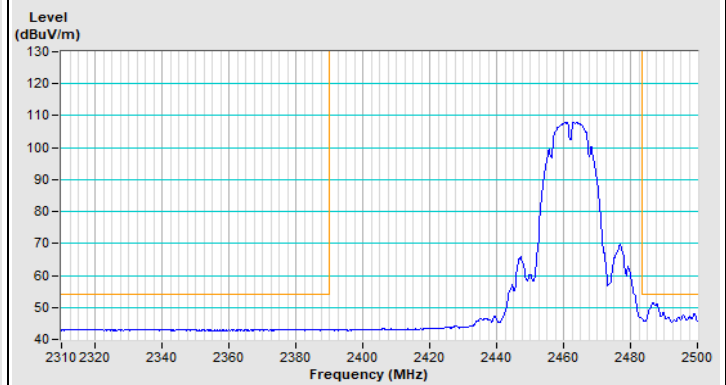
802.11b Channel 1



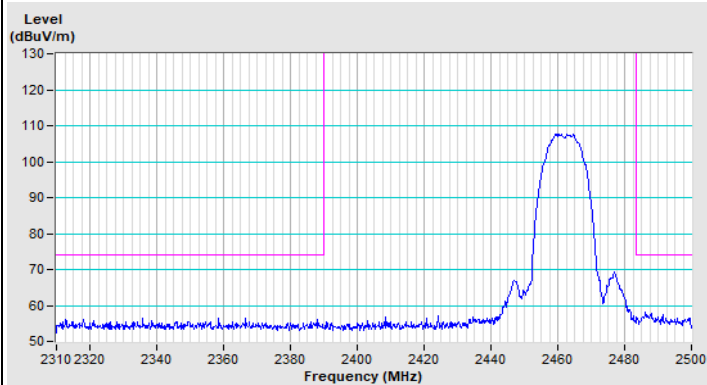
802.11b Channel 11



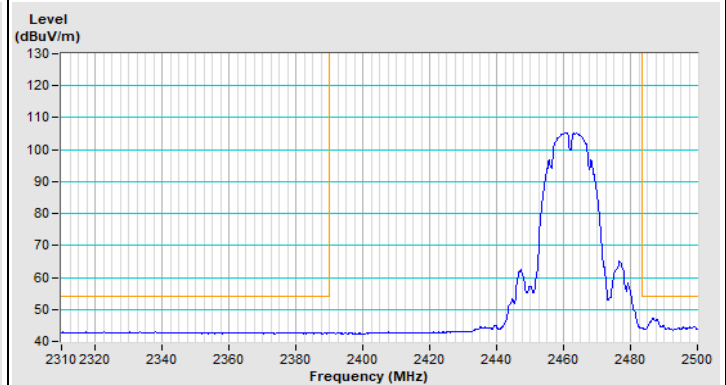
Horizontal (Peak)



Horizontal (Average)

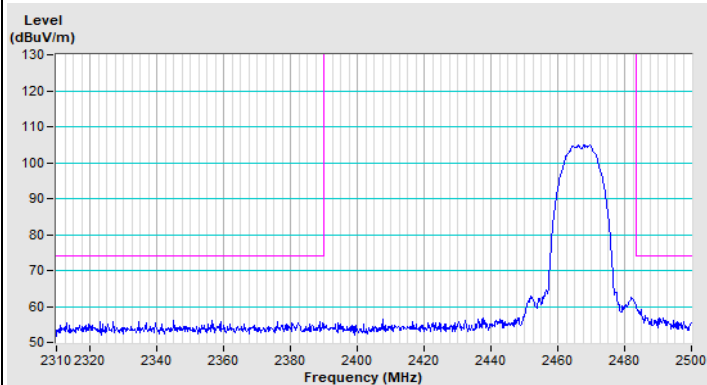


Vertical (Peak)

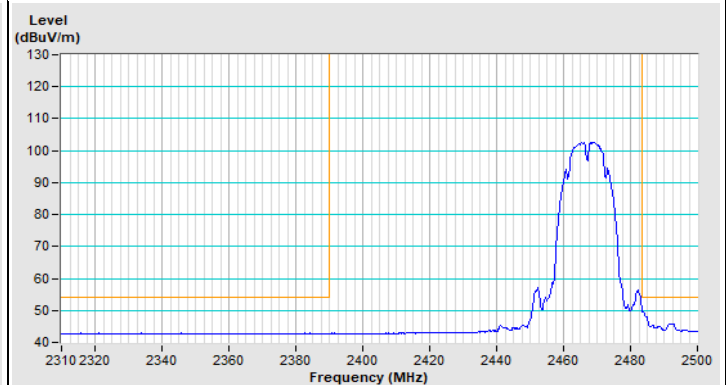


Vertical (Average)

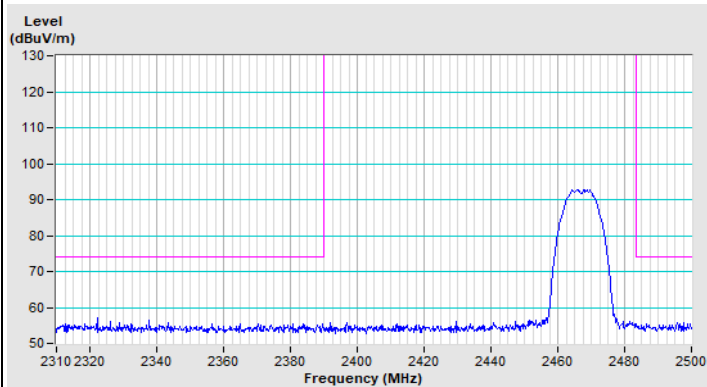
802.11b Channel 12



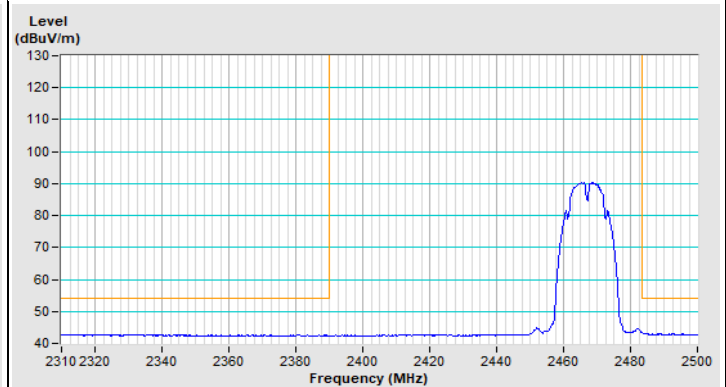
Horizontal (Peak)



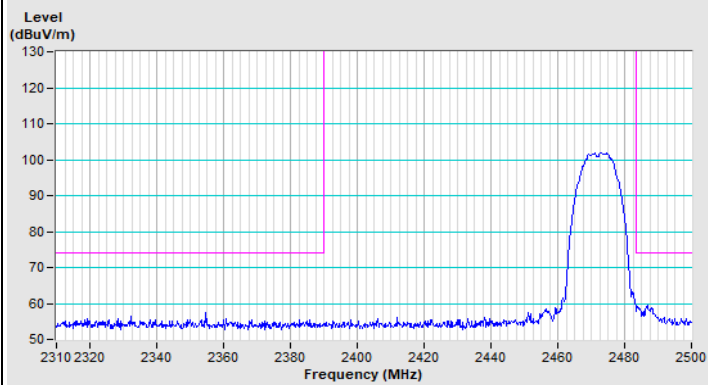
Horizontal (Average)



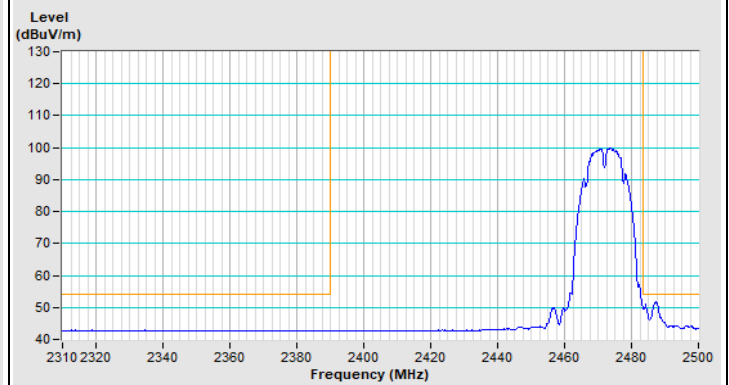
Vertical (Peak)



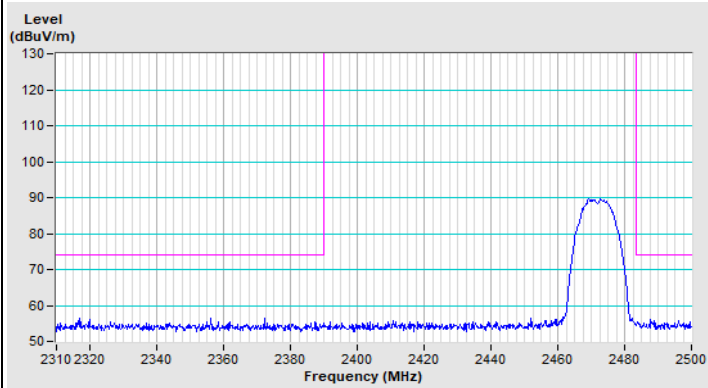
Vertical (Average)

802.11b Channel 13

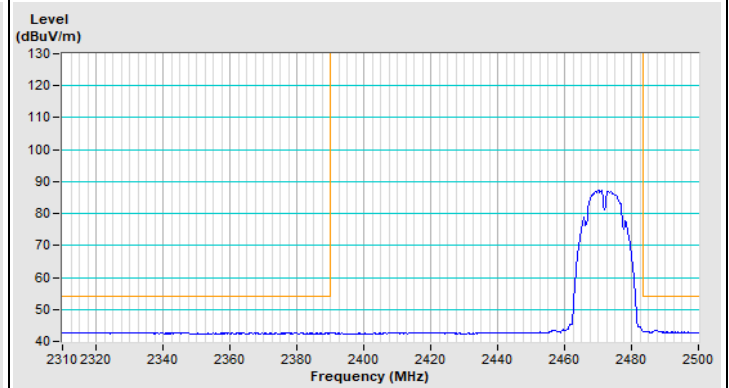
Horizontal (Peak)



Horizontal (Average)



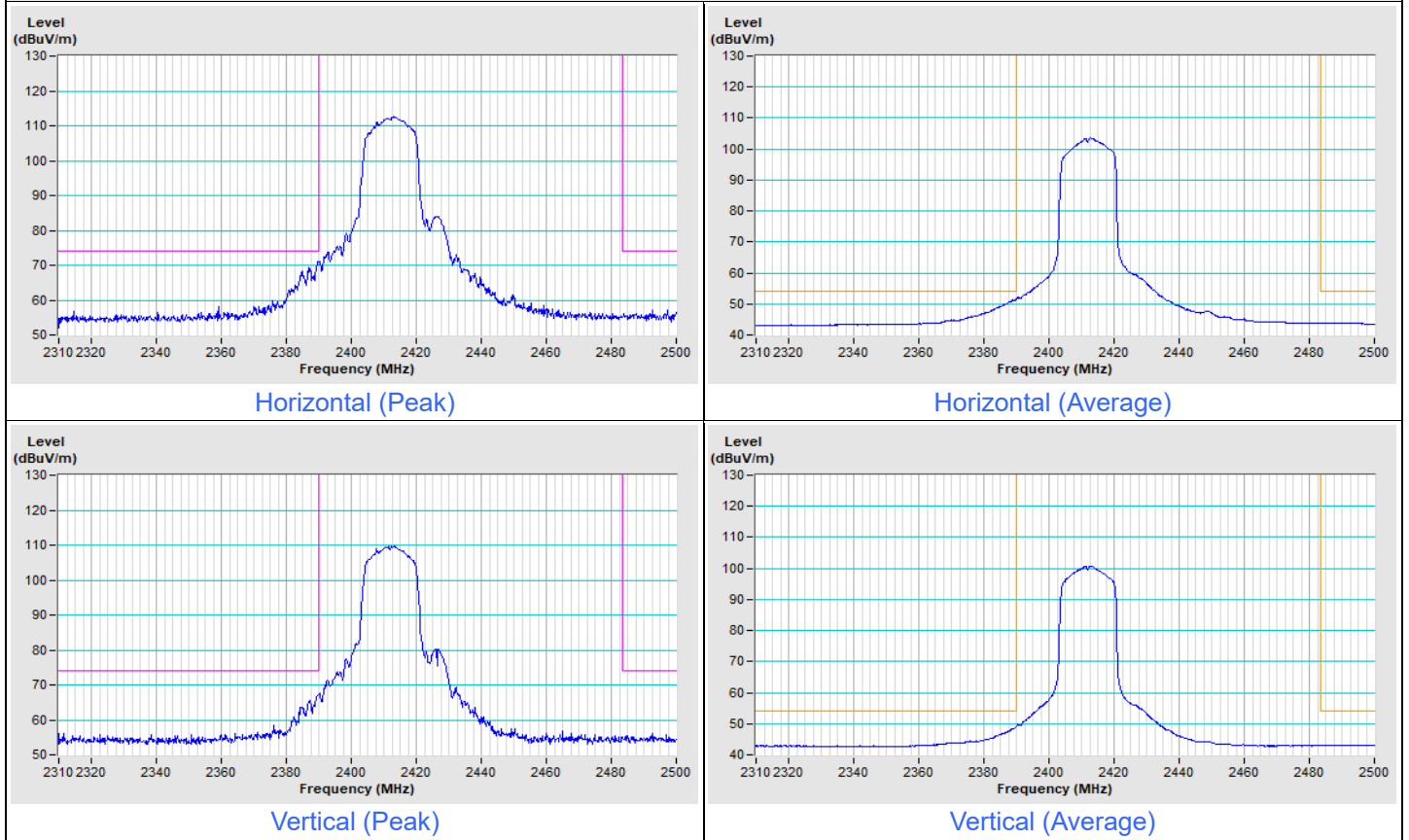
Vertical (Peak)



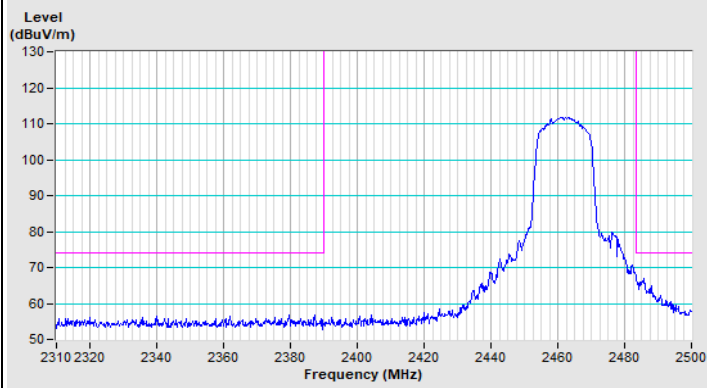
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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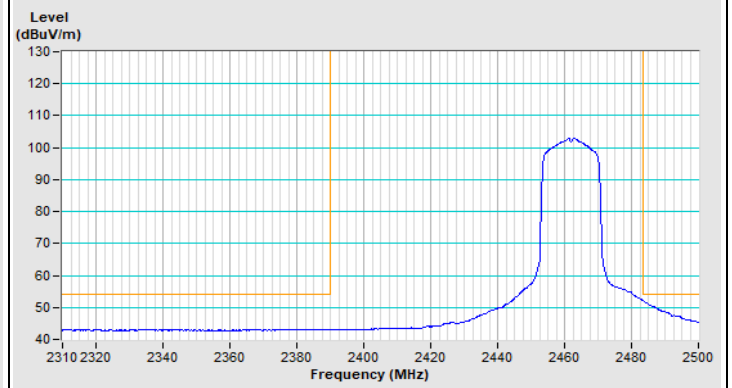
802.11g Channel 1



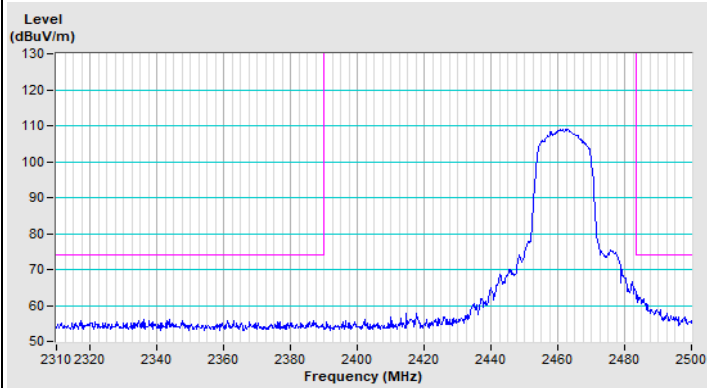
802.11g Channel 11



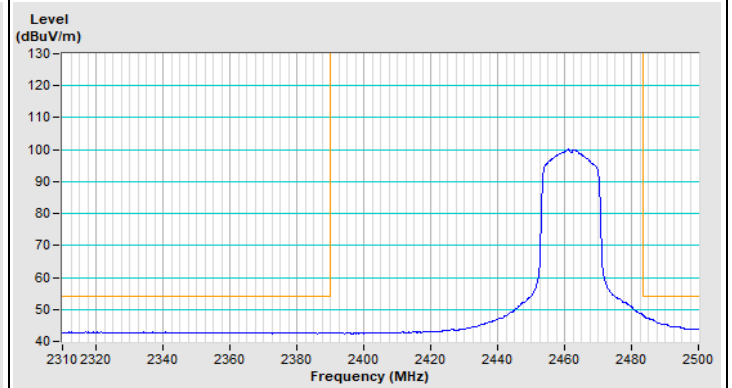
Horizontal (Peak)



Horizontal (Average)

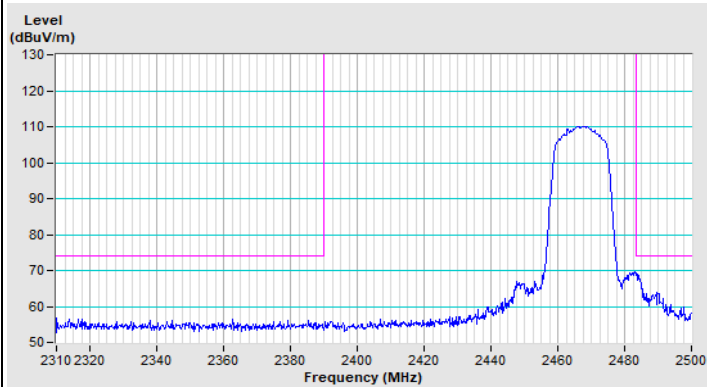


Vertical (Peak)

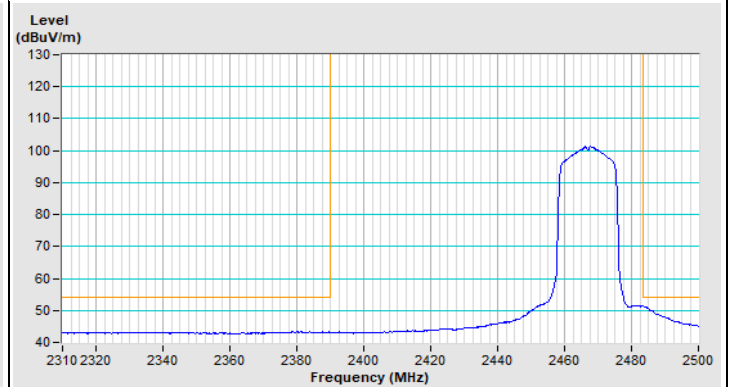


Vertical (Average)

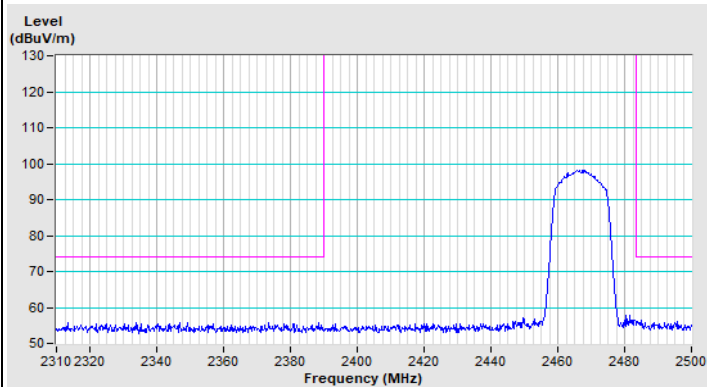
802.11g Channel 12



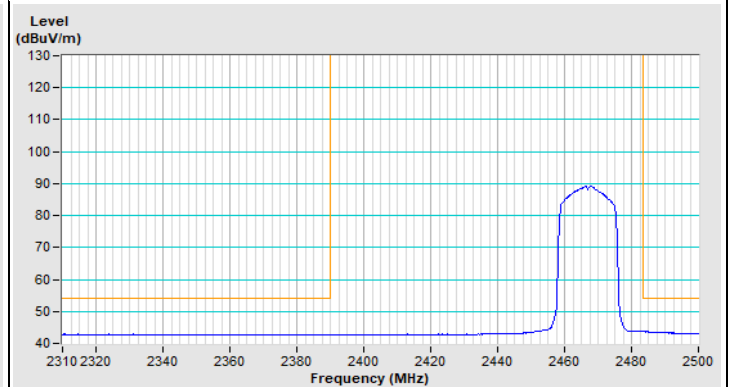
Horizontal (Peak)



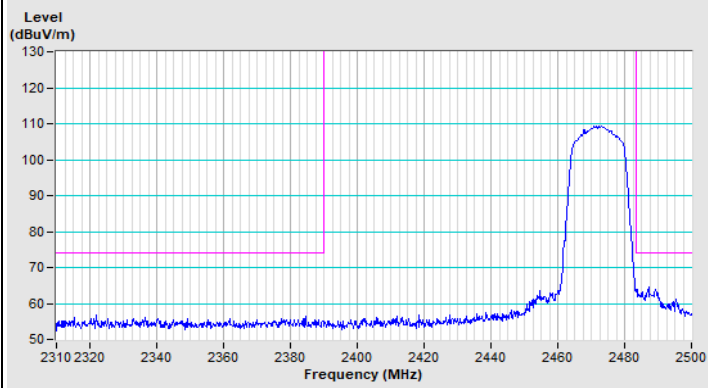
Horizontal (Average)



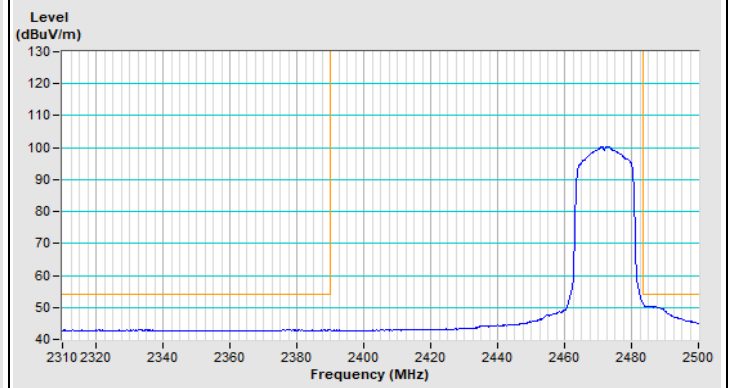
Vertical (Peak)



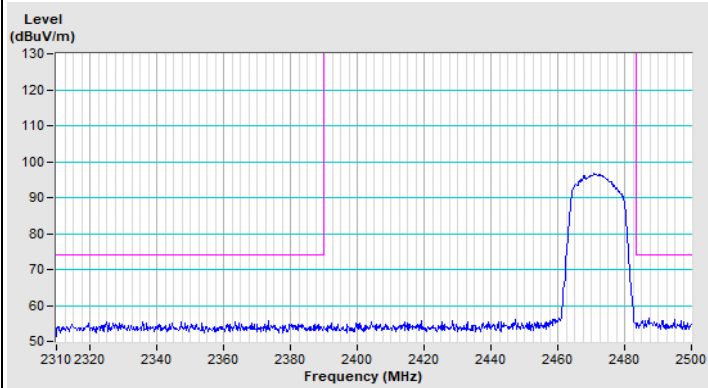
Vertical (Average)

802.11g Channel 13

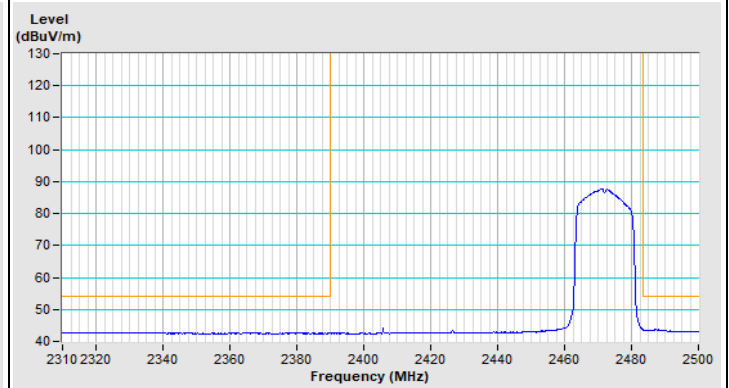
Horizontal (Peak)



Horizontal (Average)



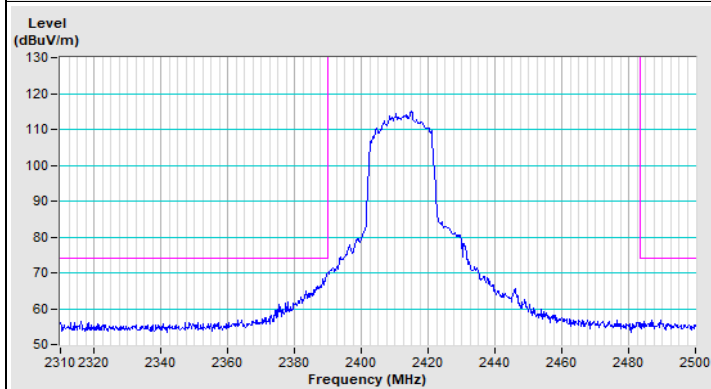
Vertical (Peak)



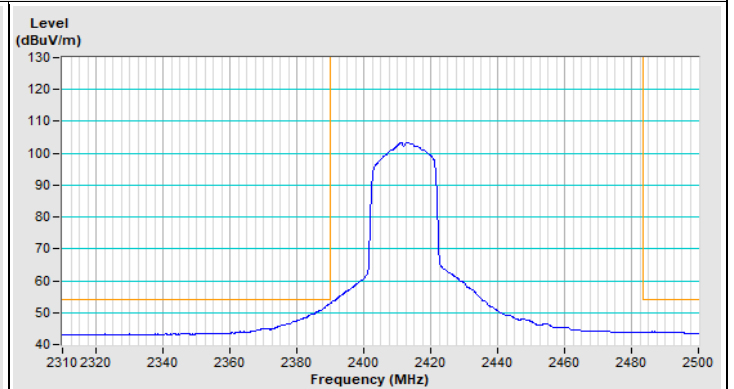
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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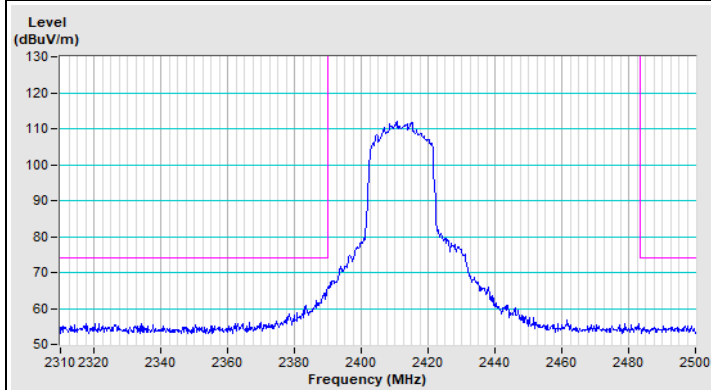
VHT20 Channel 1



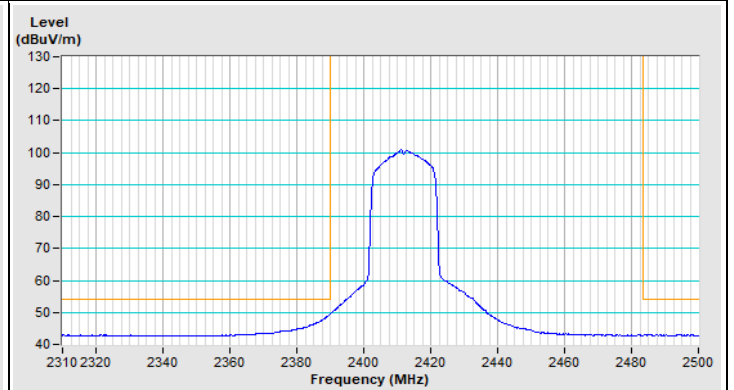
Horizontal (Peak)



Horizontal (Average)

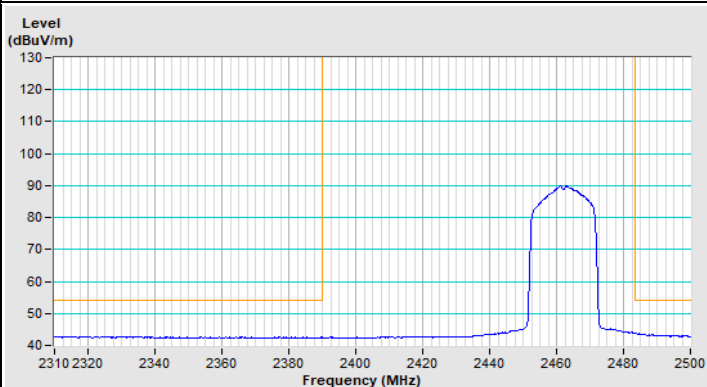
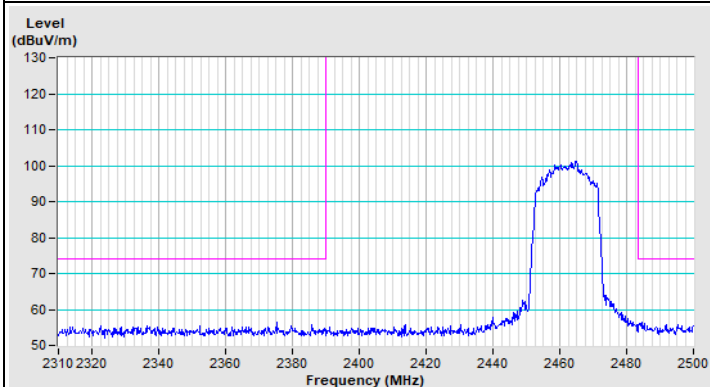
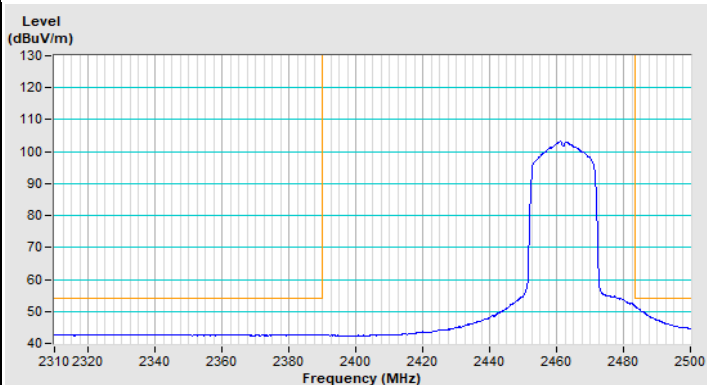
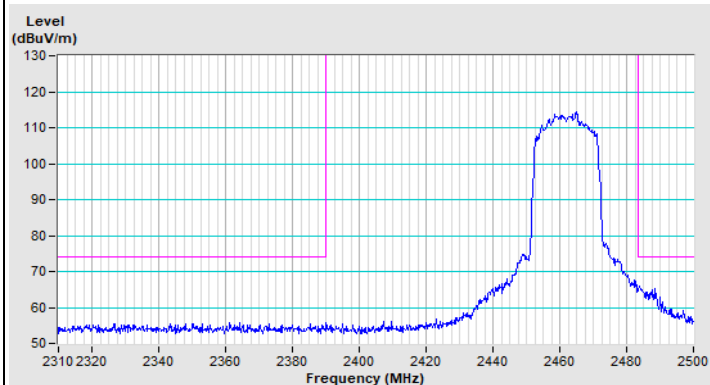


Vertical (Peak)

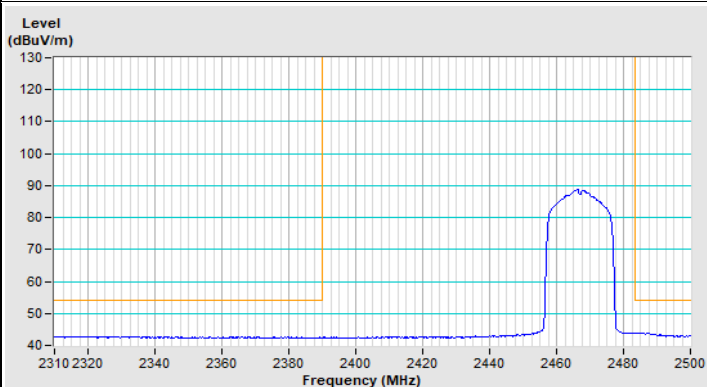
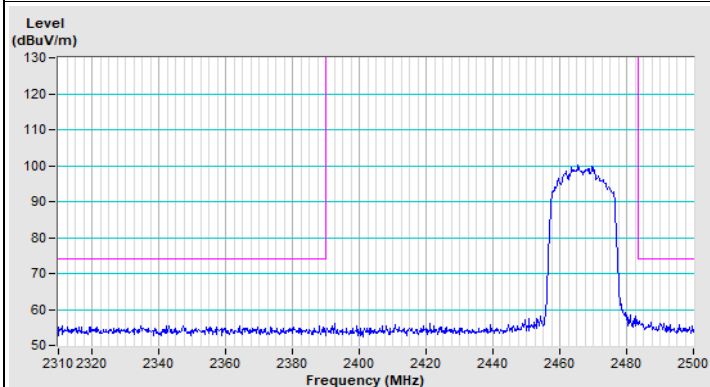
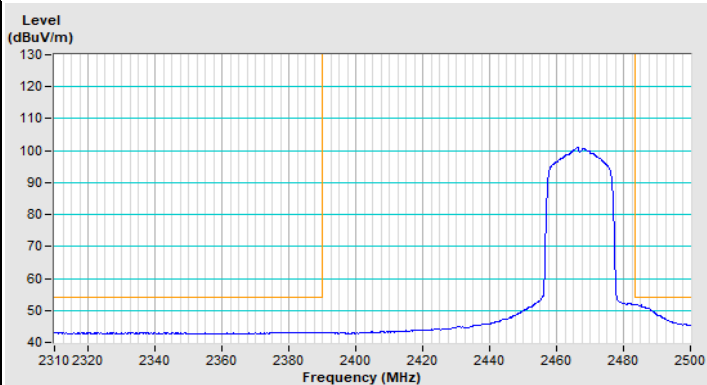
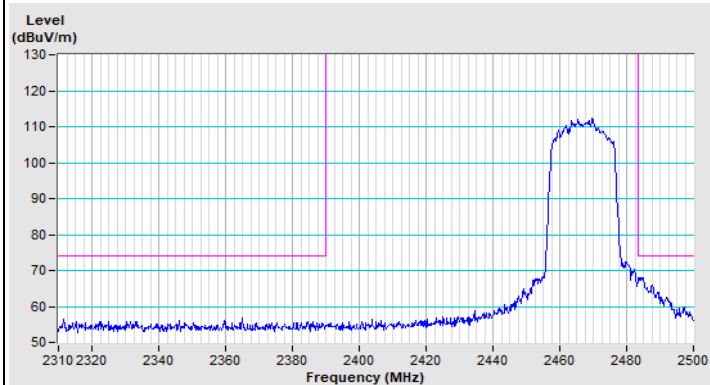


Vertical (Average)

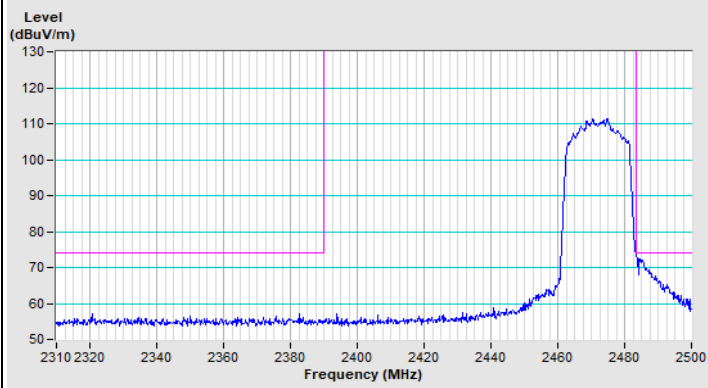
VHT20 Channel 11



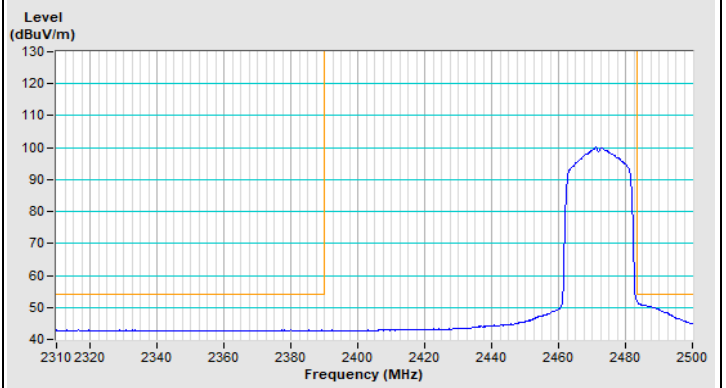
VHT20 Channel 12



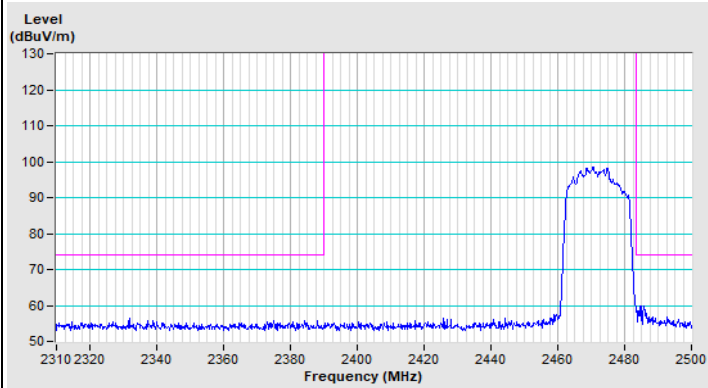
VHT20 Channel 13



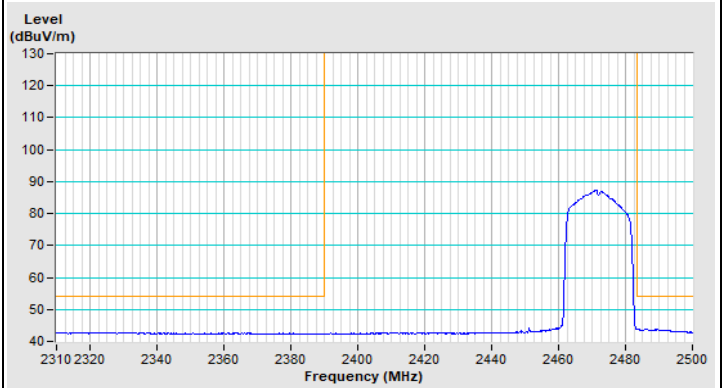
Horizontal (Peak)



Horizontal (Average)



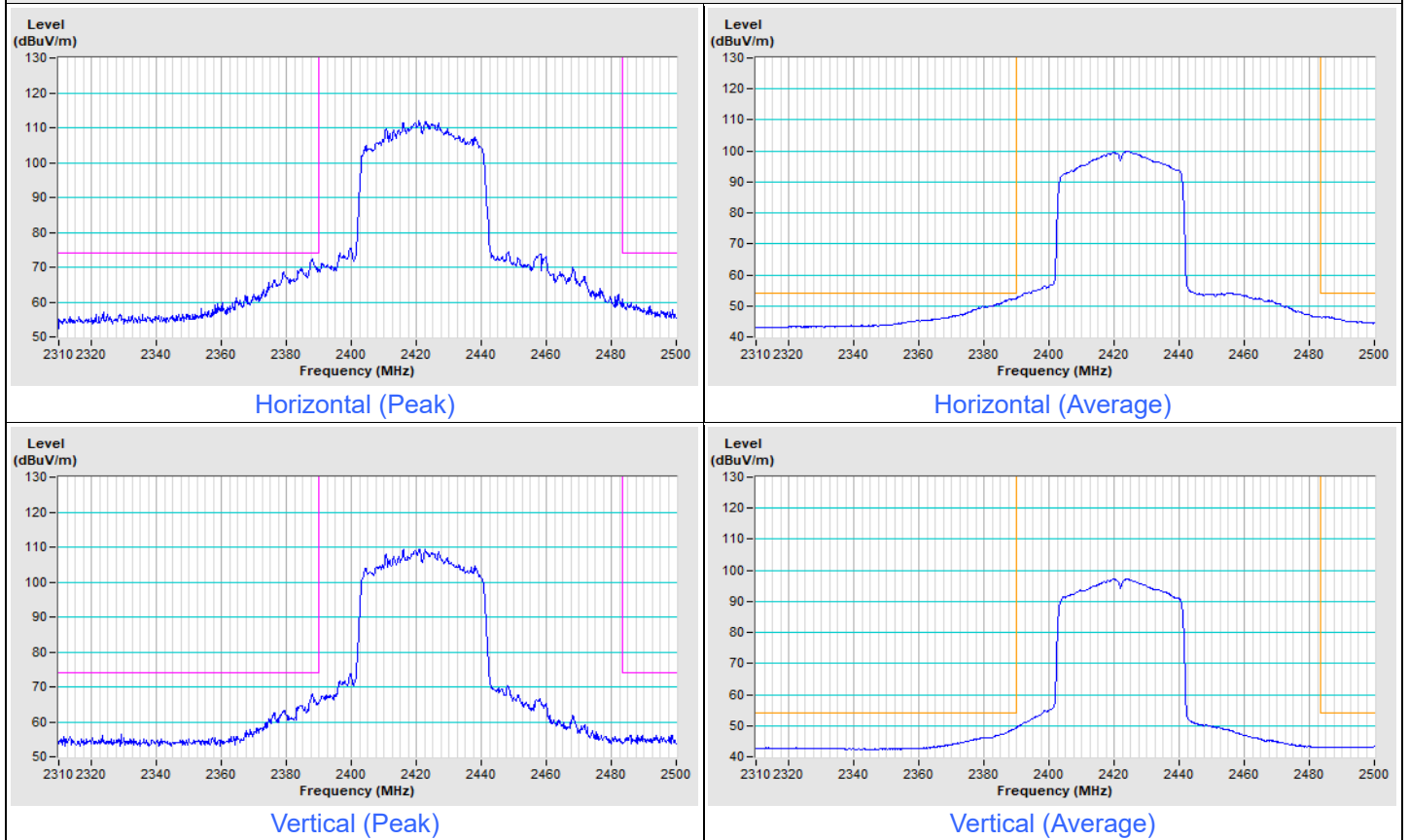
Vertical (Peak)



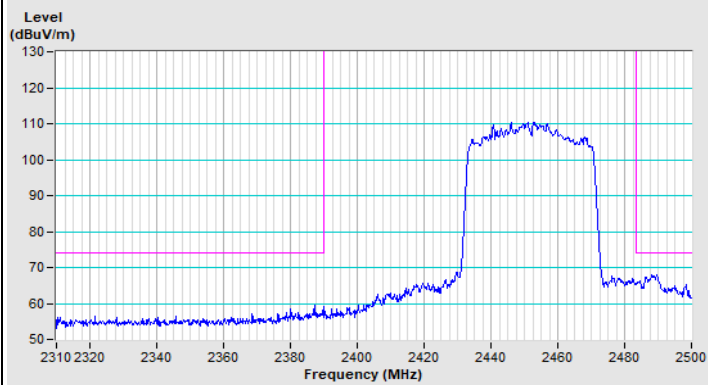
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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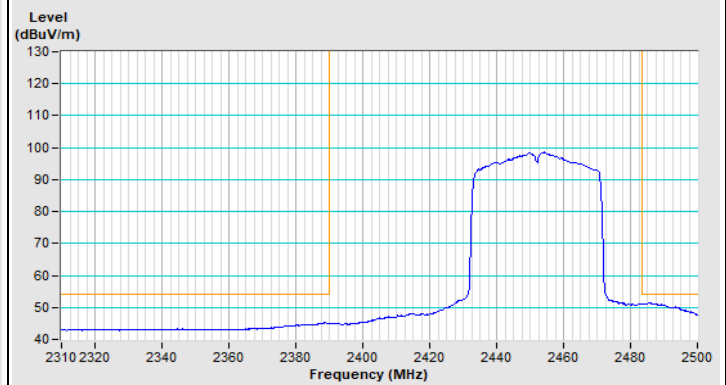
VHT40 Channel 3



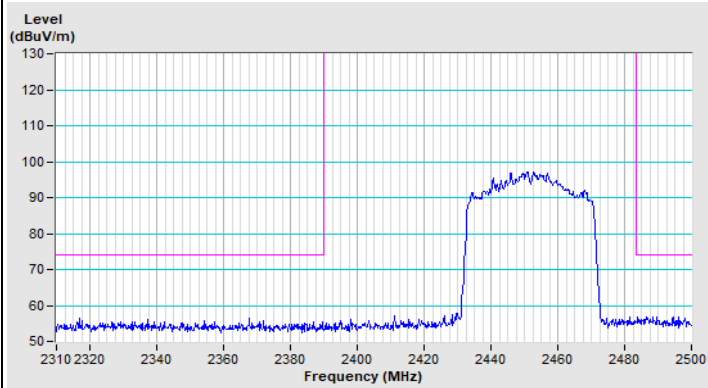
VHT40 Channel 9



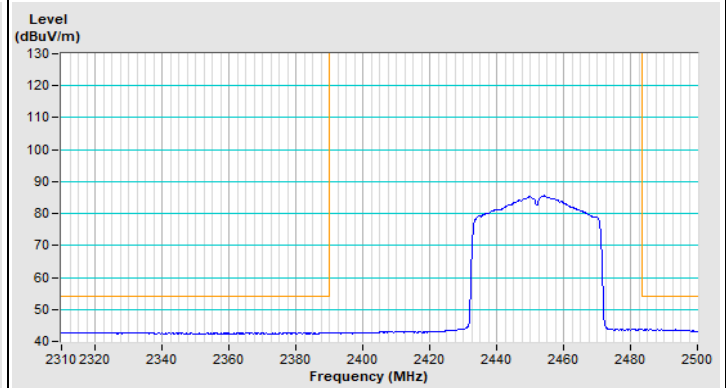
Horizontal (Peak)



Horizontal (Average)

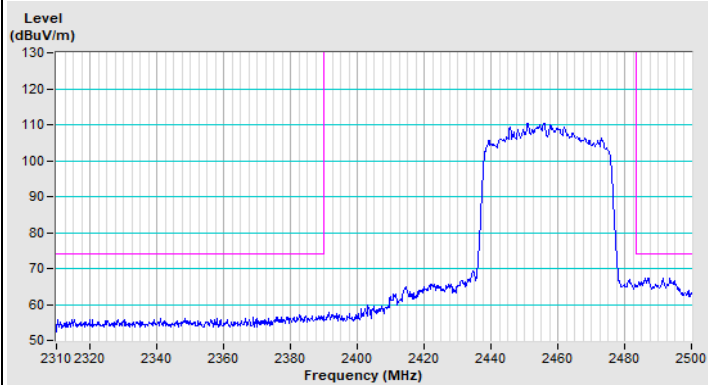


Vertical (Peak)

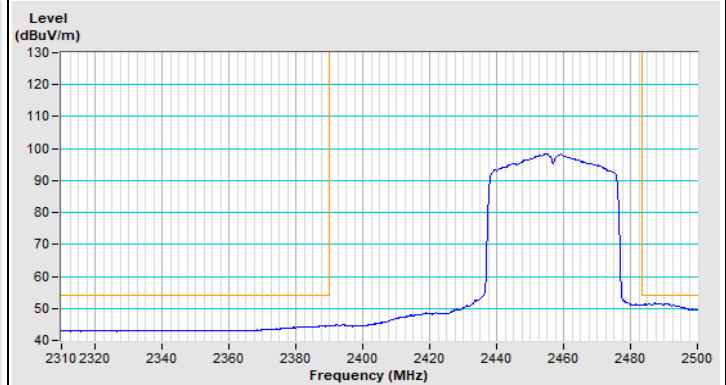


Vertical (Average)

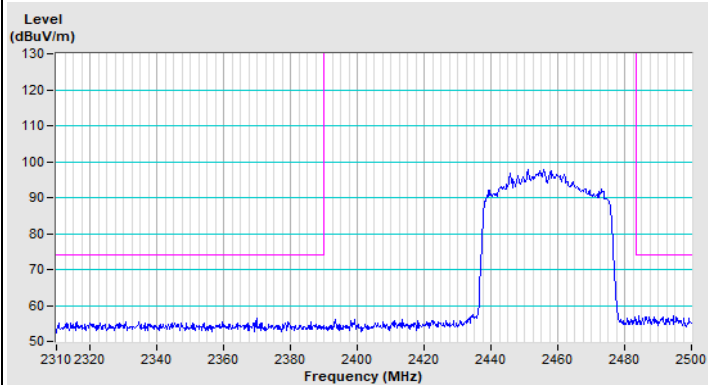
VHT40 Channel 10



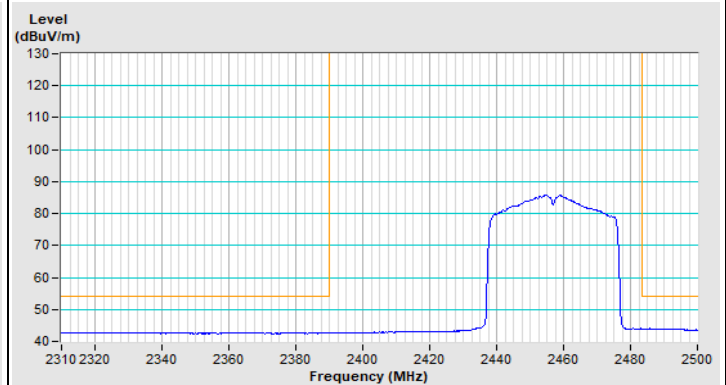
Horizontal (Peak)



Horizontal (Average)

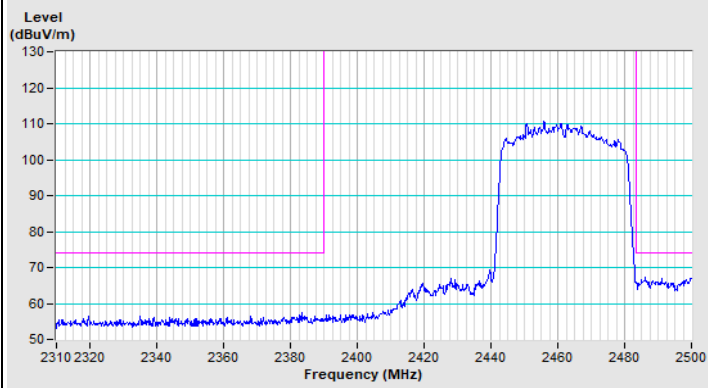


Vertical (Peak)

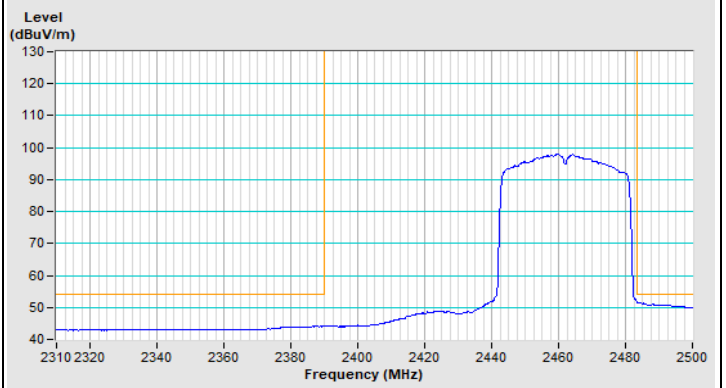


Vertical (Average)

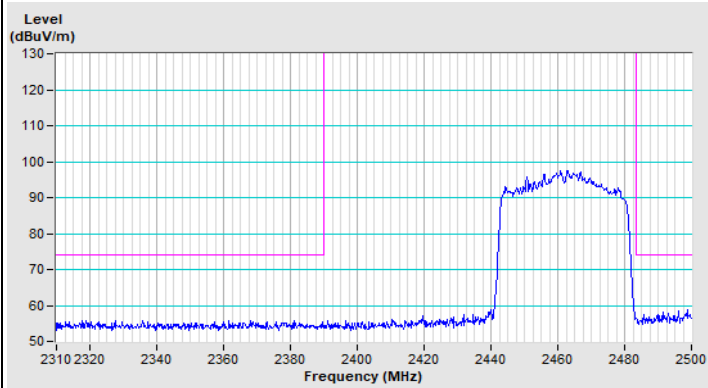
VHT40 Channel 11



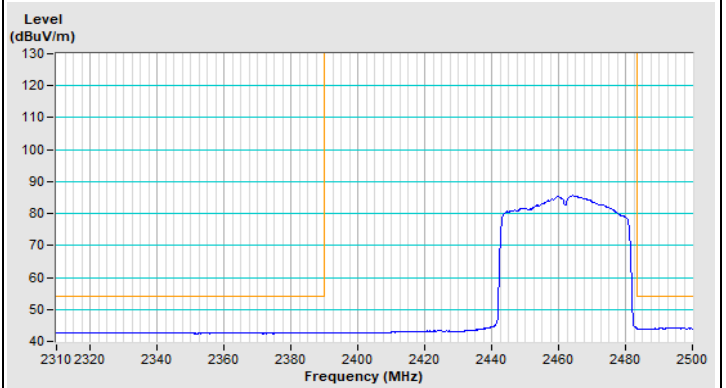
Horizontal (Peak)



Horizontal (Average)



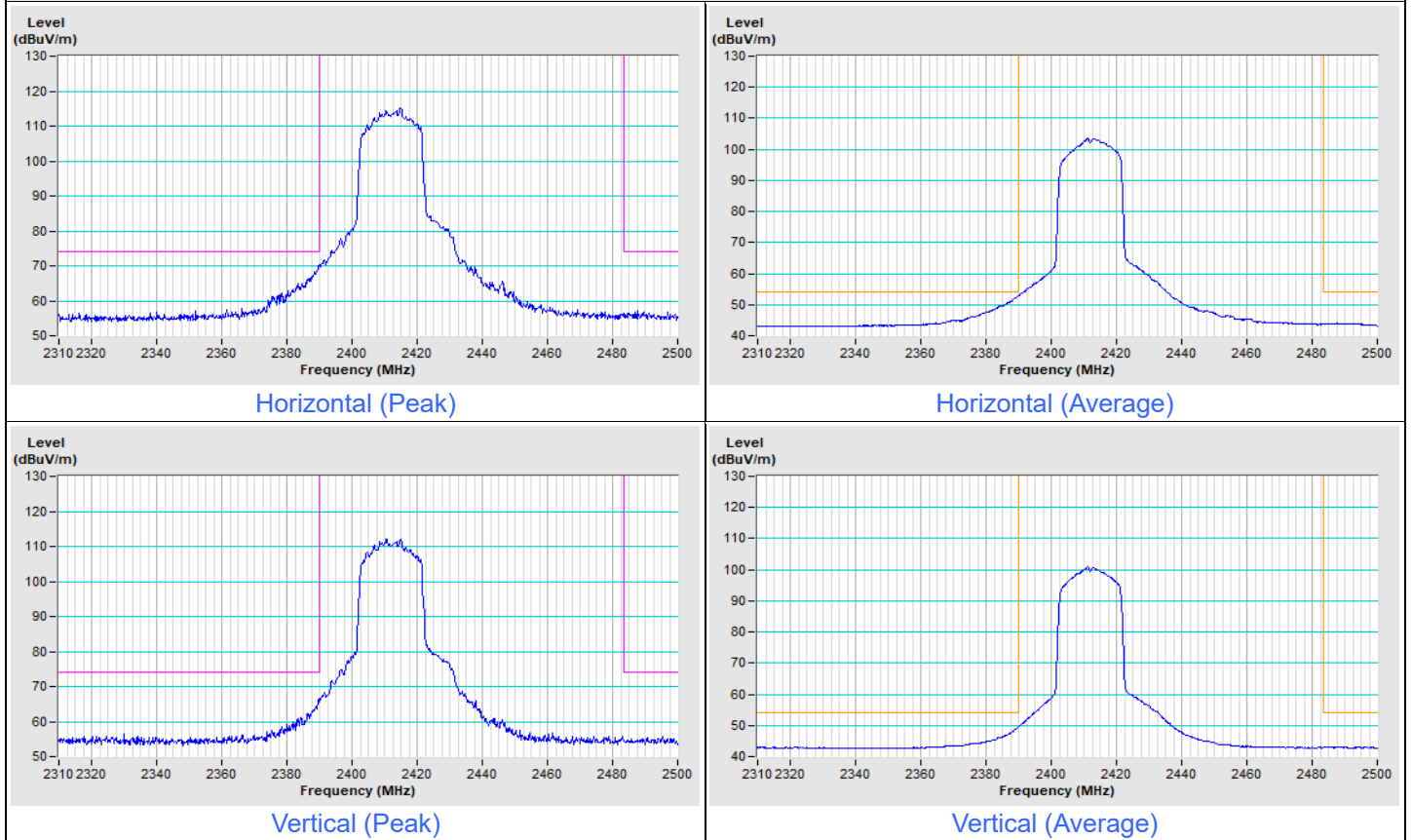
Vertical (Peak)



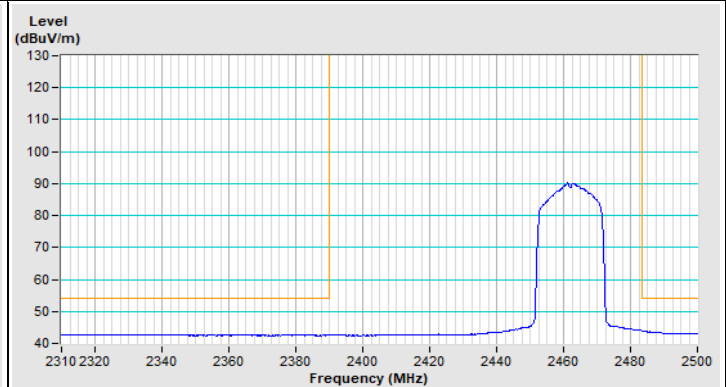
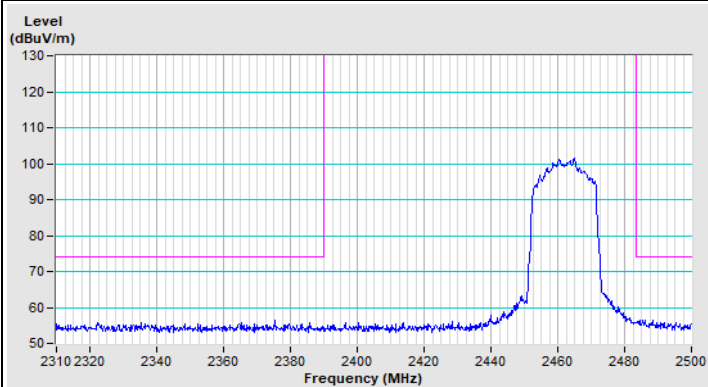
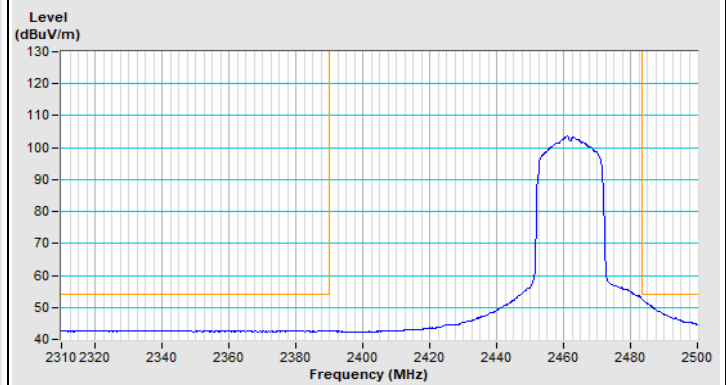
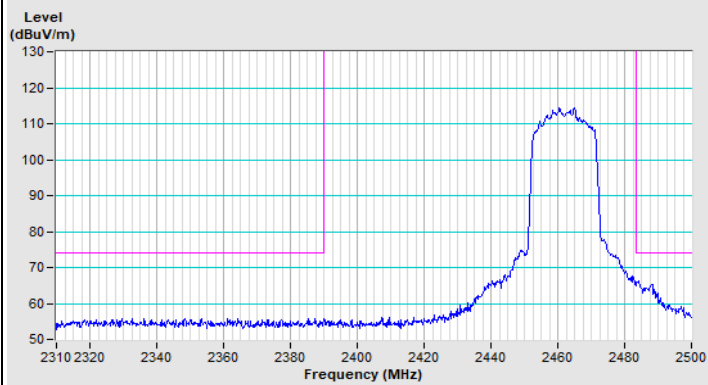
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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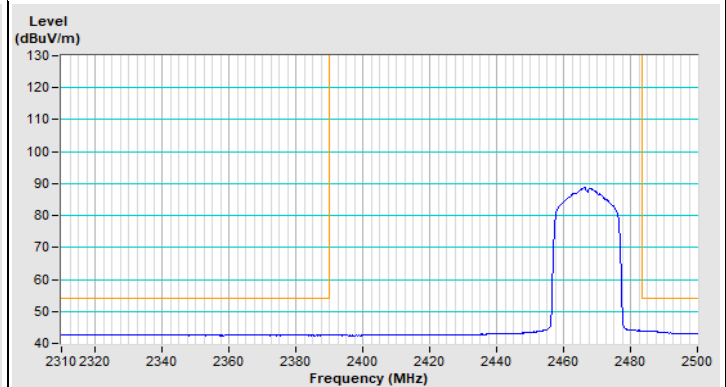
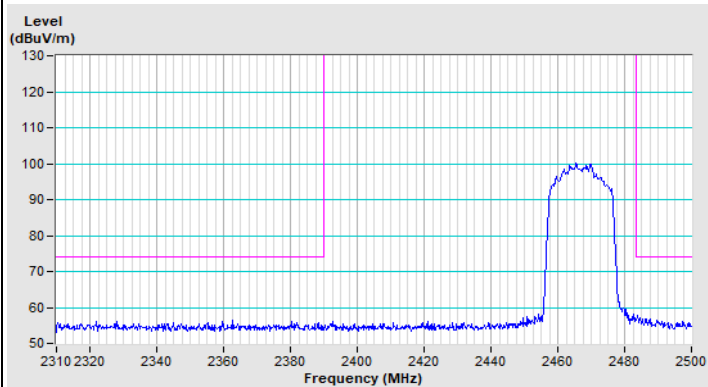
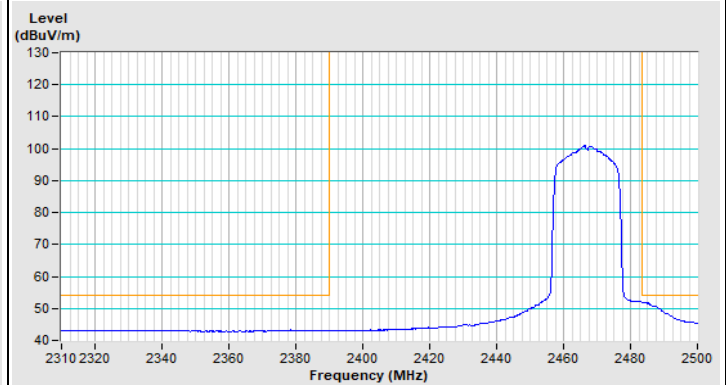
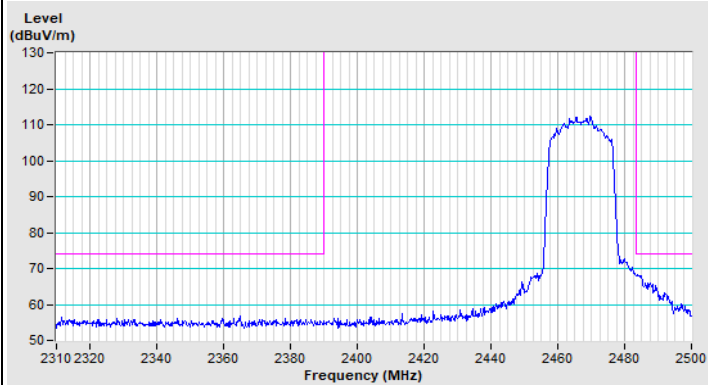
802.11ax (HE20) Channel 1

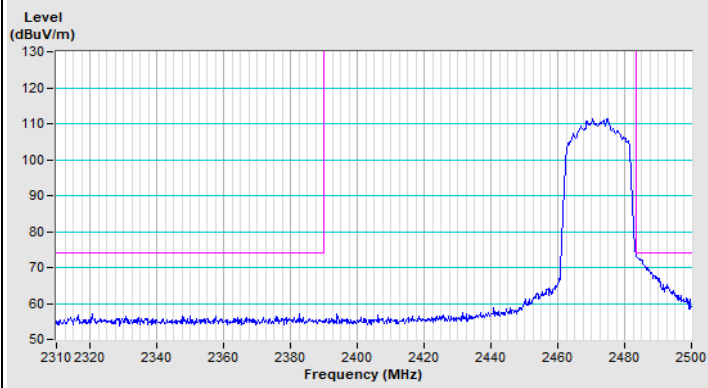


802.11ax (HE20) Channel 11

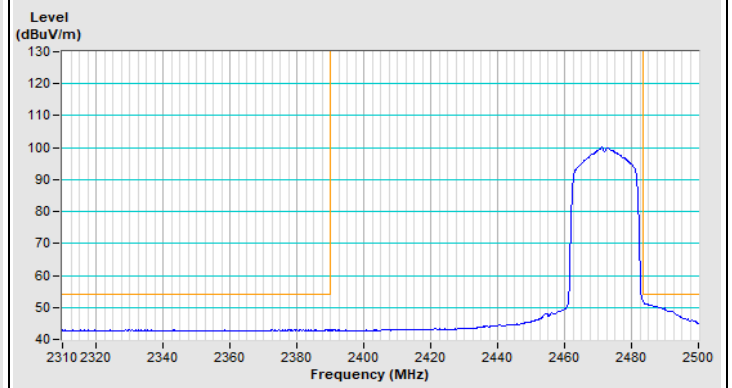


802.11ax (HE20) Channel 12

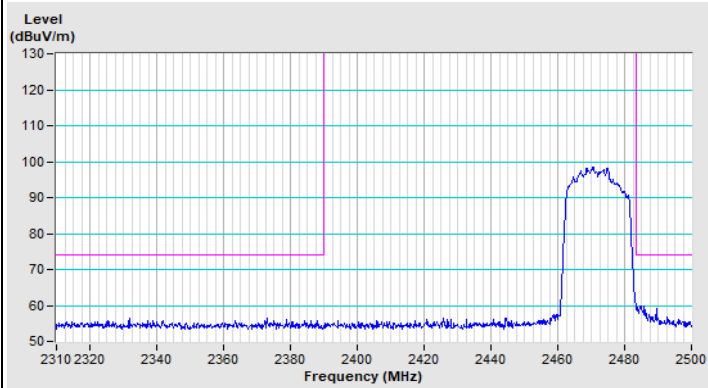


802.11ax (HE20) Channel 13

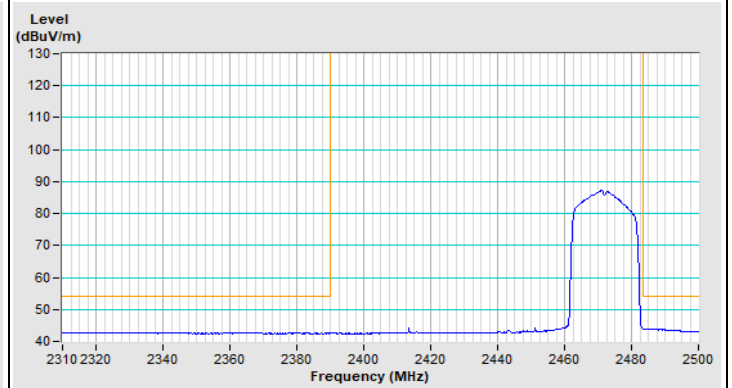
Horizontal (Peak)



Horizontal (Average)



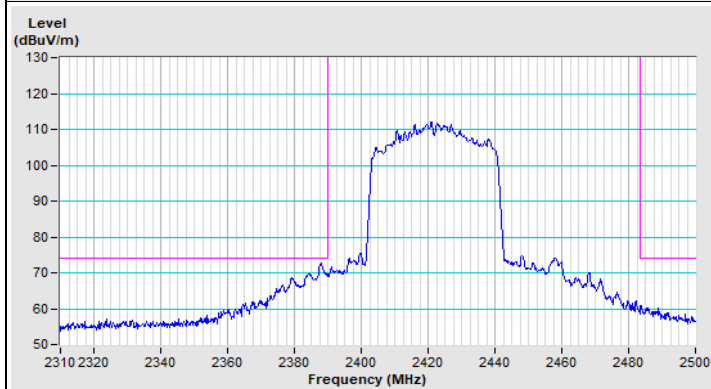
Vertical (Peak)



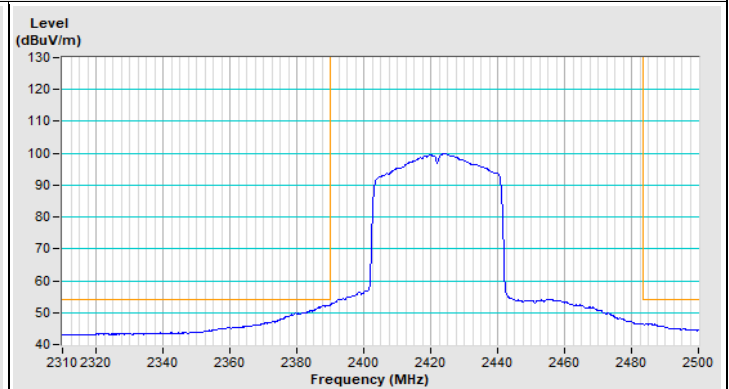
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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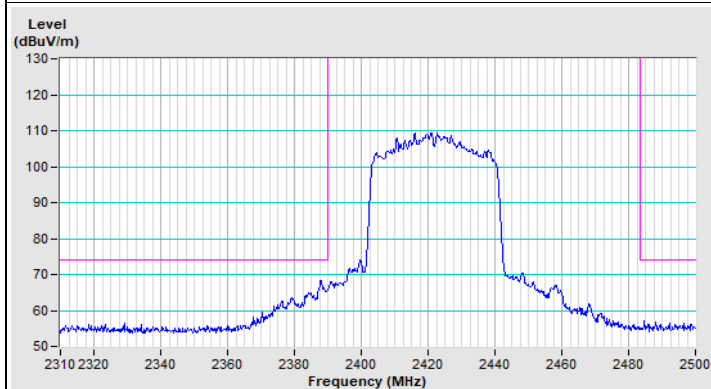
802.11ax (HE40) Channel 3



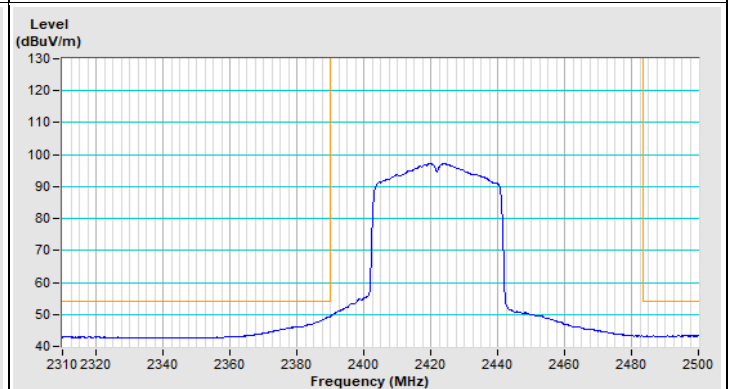
Horizontal (Peak)



Horizontal (Average)

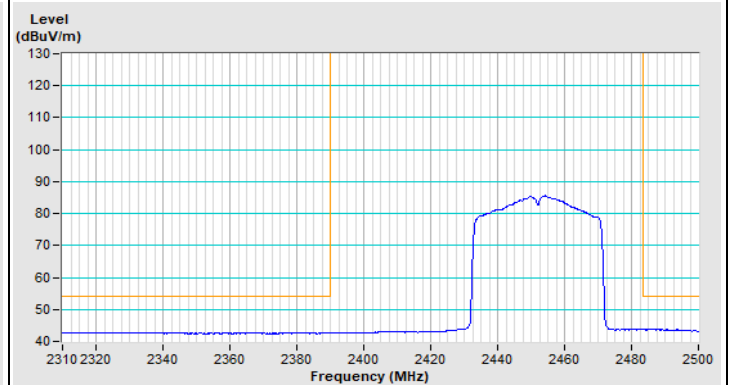
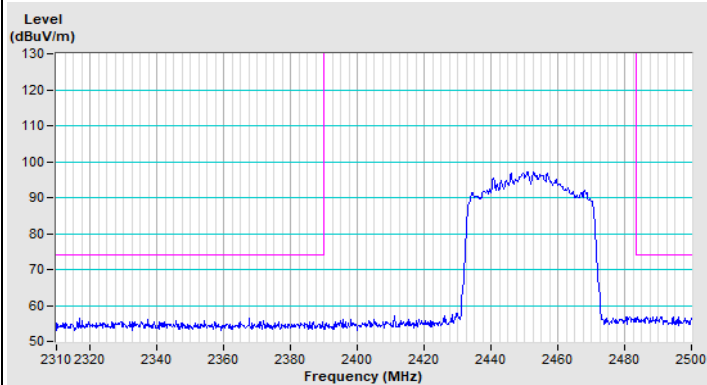
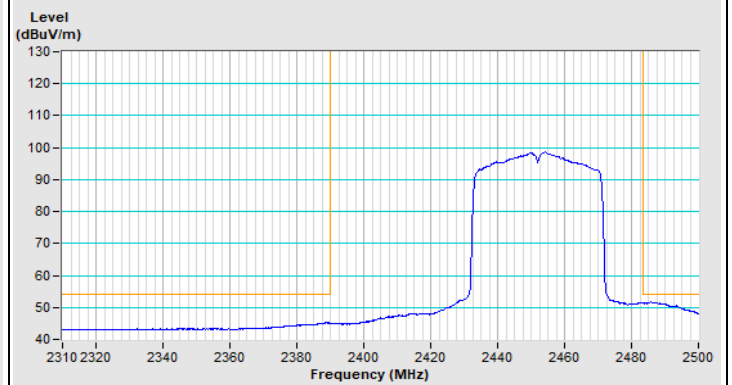
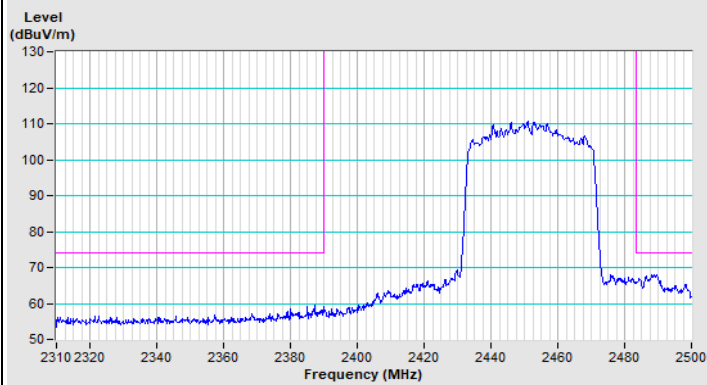


Vertical (Peak)

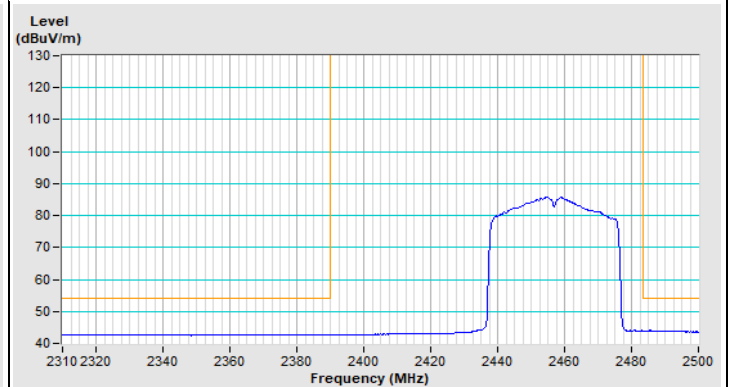
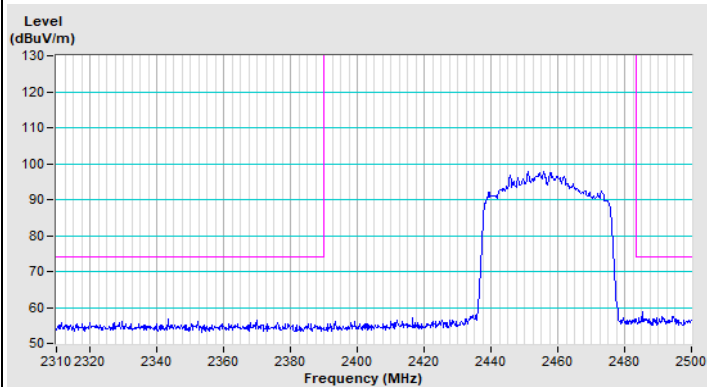
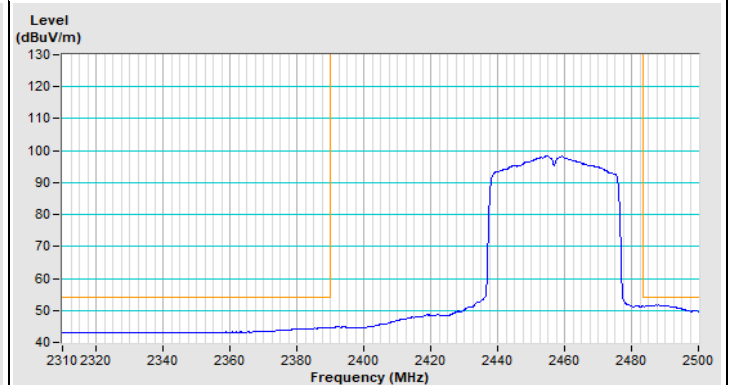
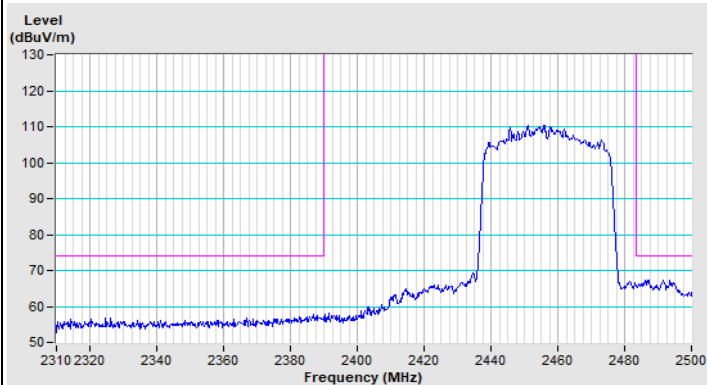


Vertical (Average)

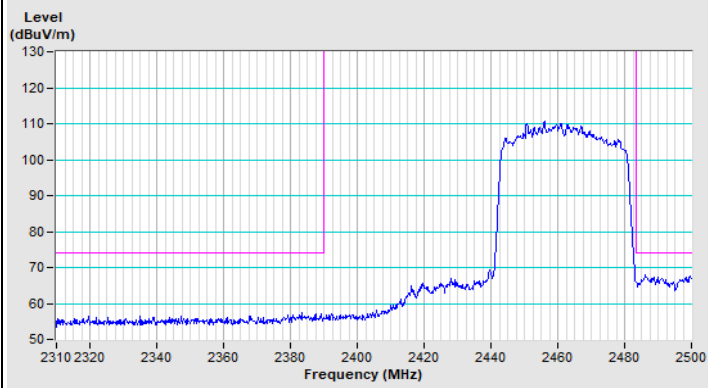
802.11ax (HE40) Channel 9



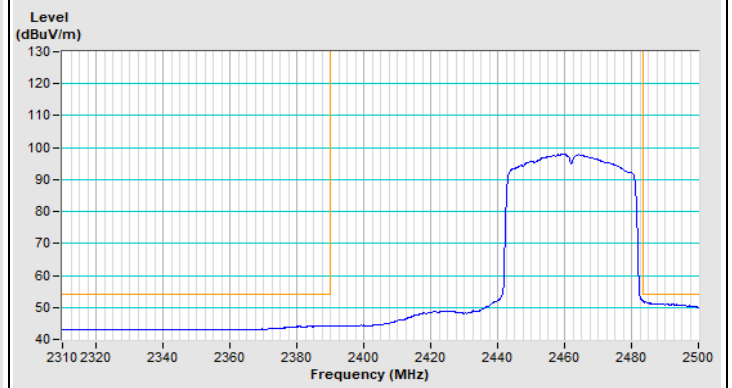
802.11ax (HE40) Channel 10



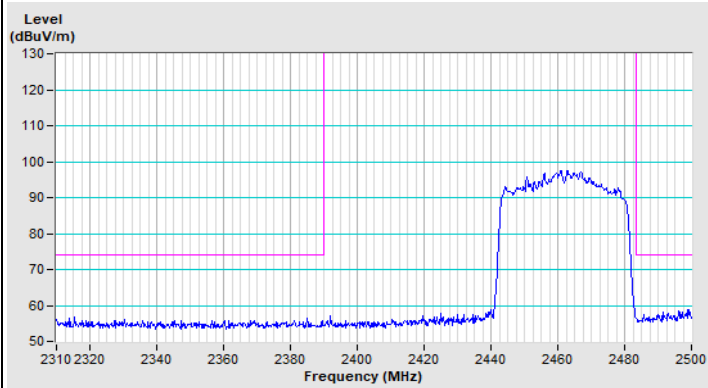
802.11ax (HE40) Channel 11



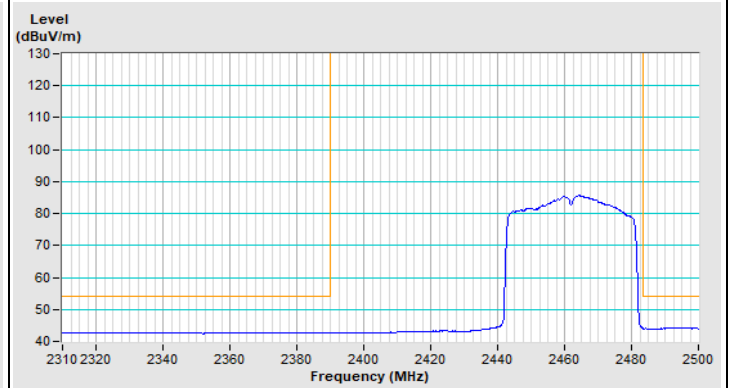
Horizontal (Peak)



Horizontal (Average)



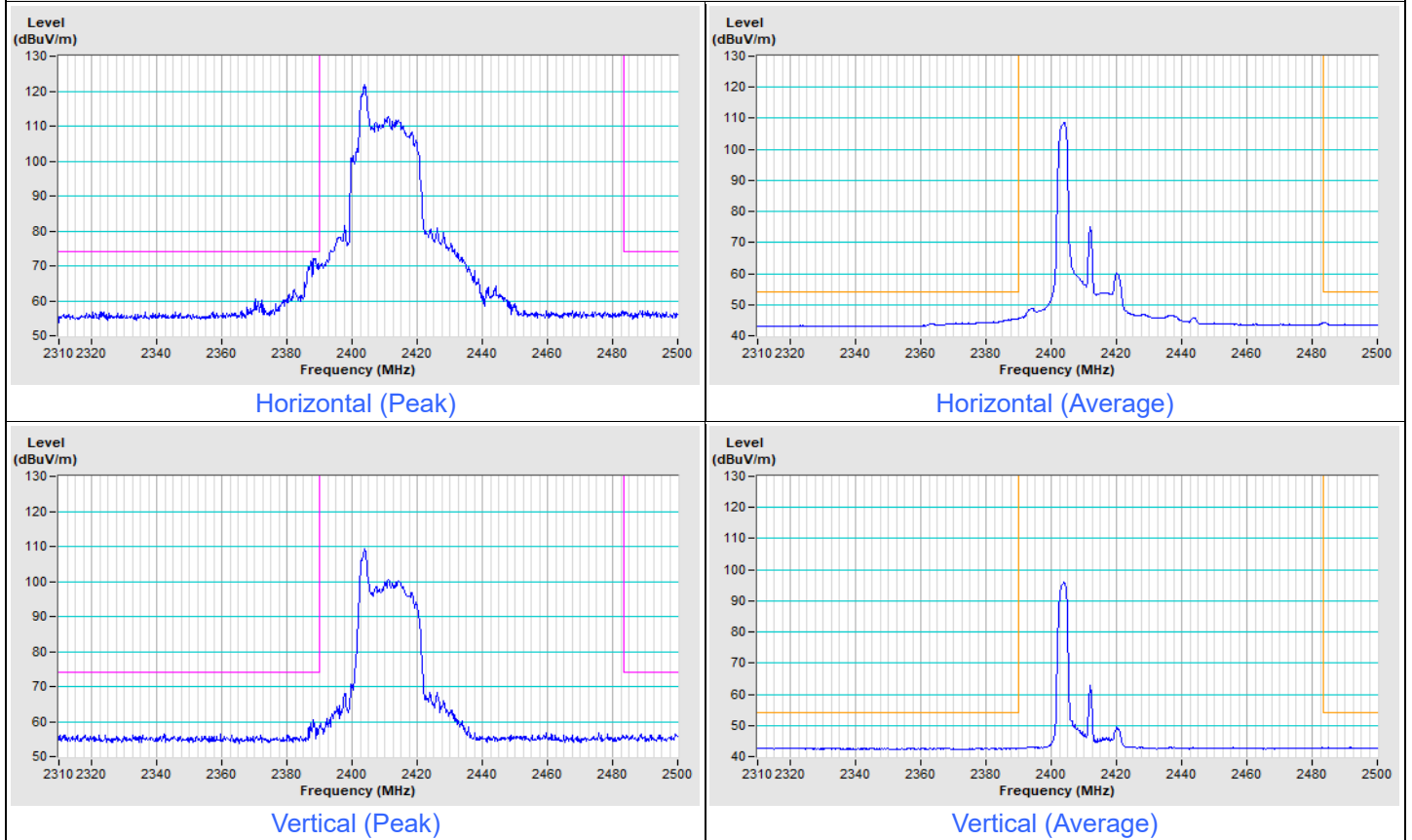
Vertical (Peak)



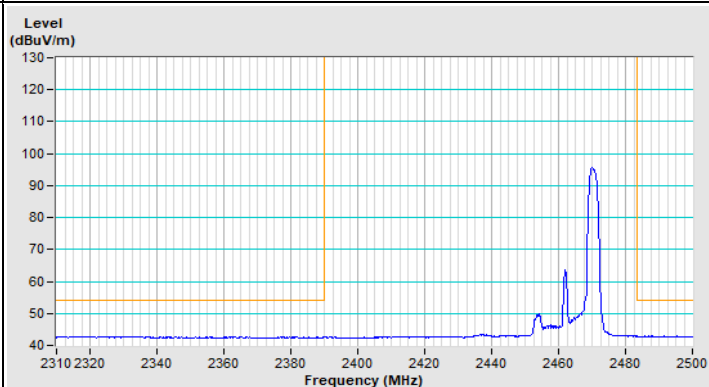
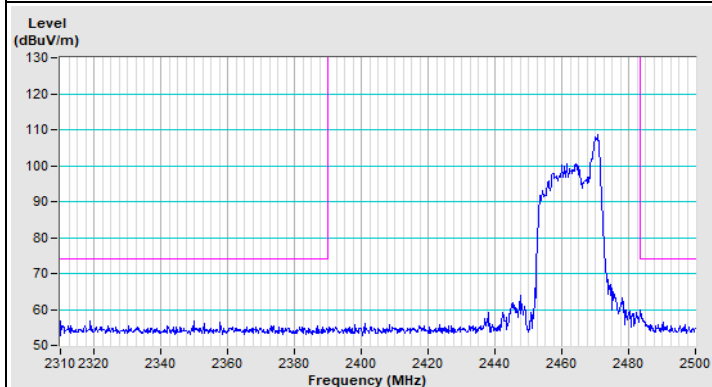
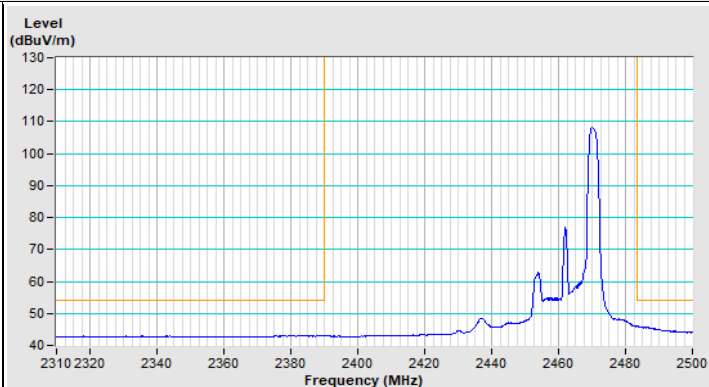
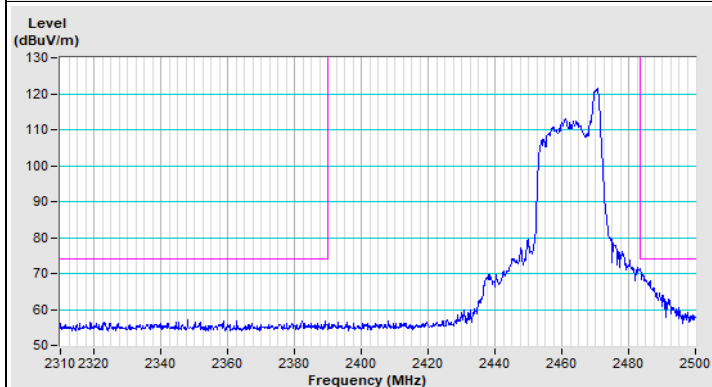
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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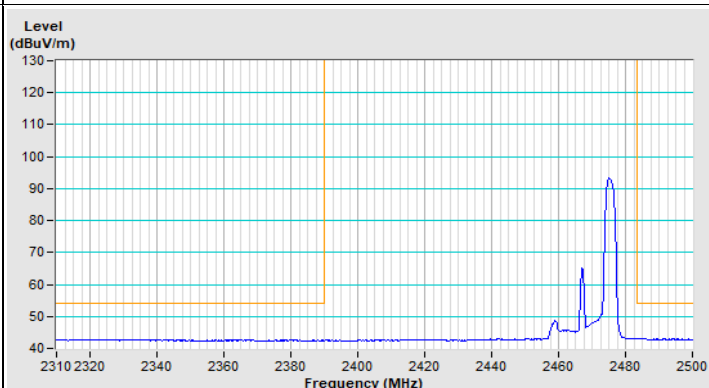
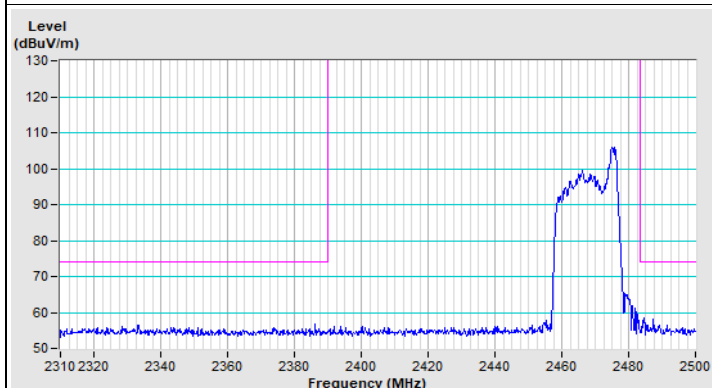
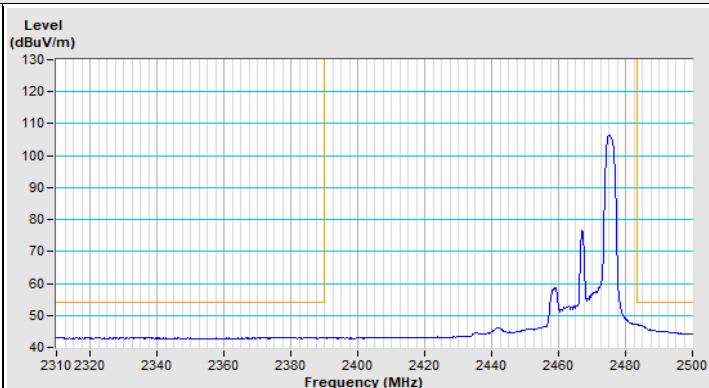
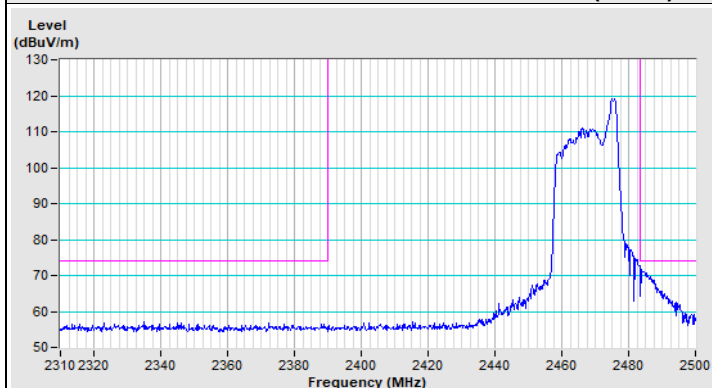
802.11ax (HE20) 26-tone RU Channel 1



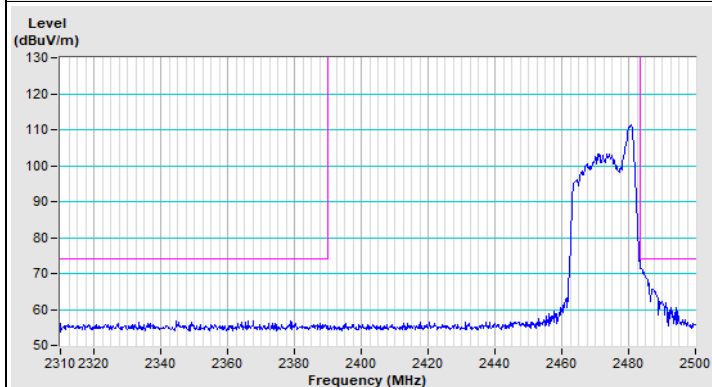
802.11ax (HE20) 26-tone RU Channel 11



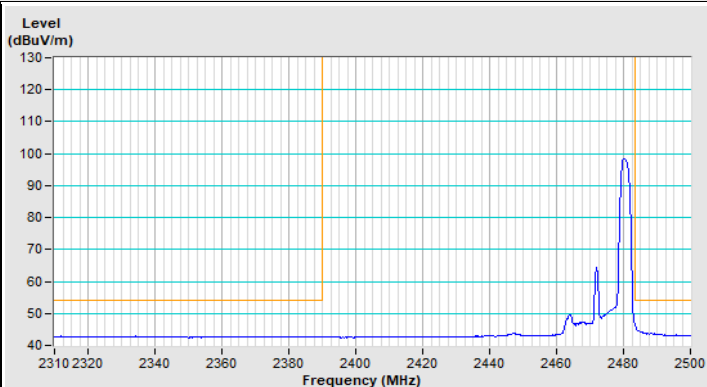
802.11ax (HE20) 26-tone RU Channel 12



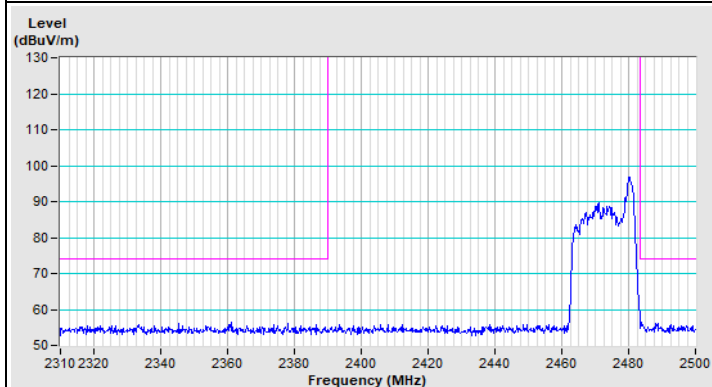
802.11ax (HE20) 26-tone RU Channel 13



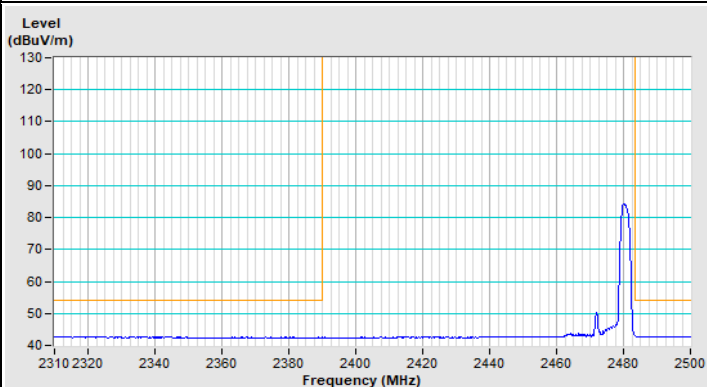
Horizontal (Peak)



Horizontal (Average)



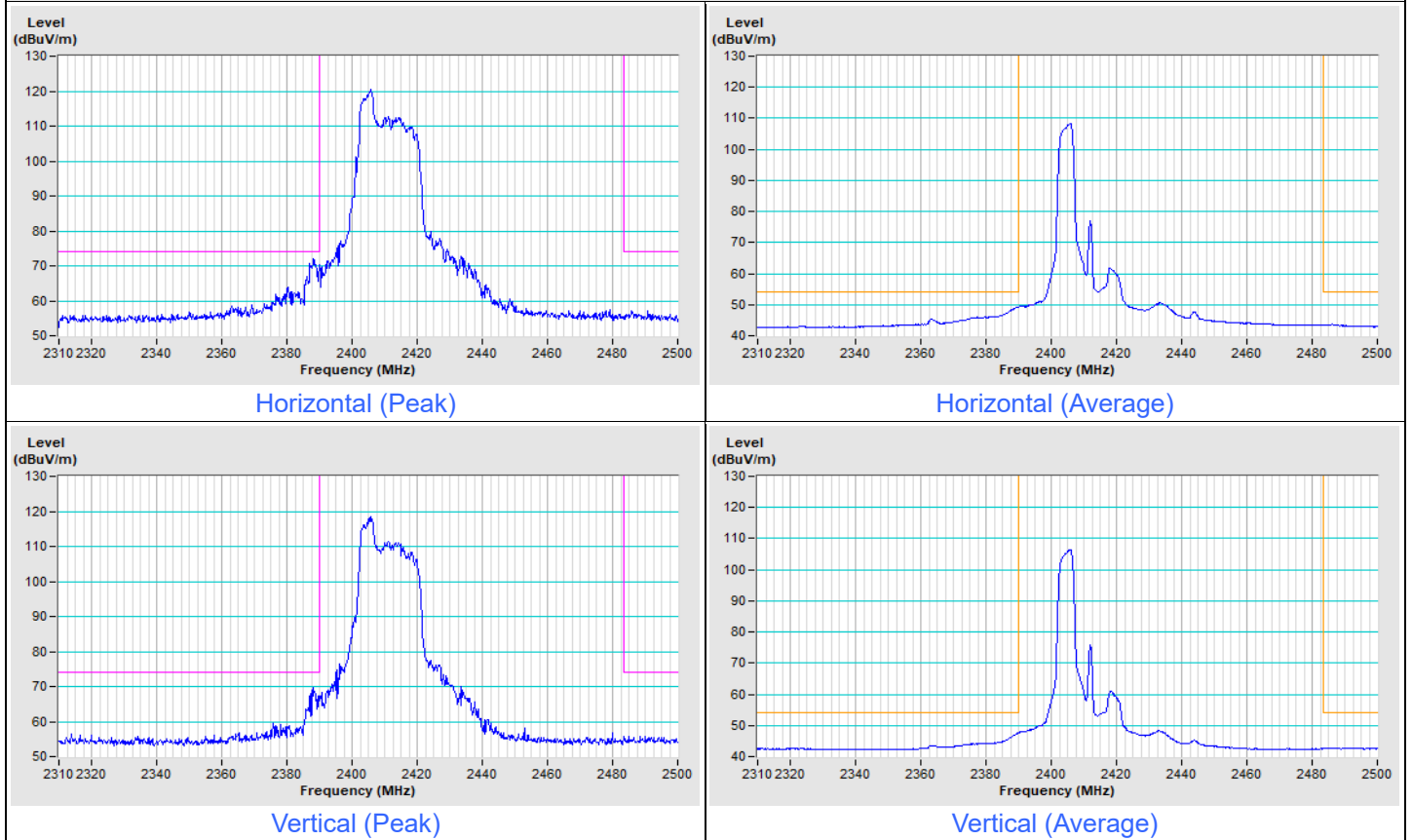
Vertical (Peak)



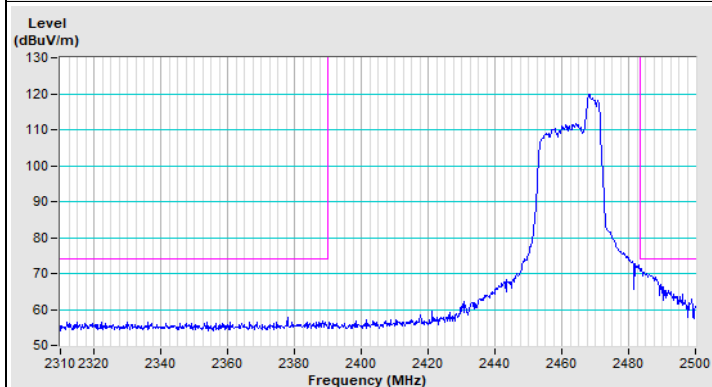
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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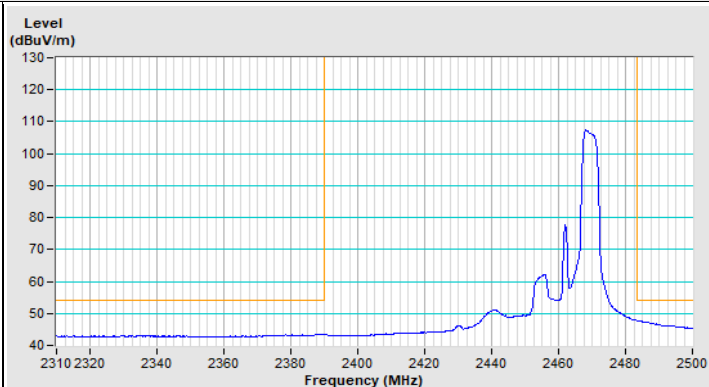
802.11ax (HE20) 52-tone RU Channel 1



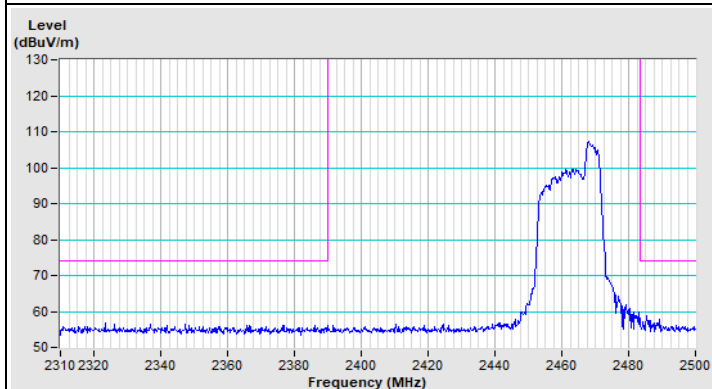
802.11ax (HE20) 52-tone RU Channel 11



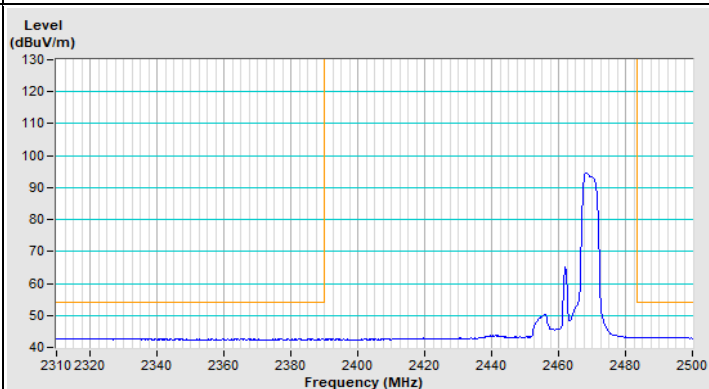
Horizontal (Peak)



Horizontal (Average)

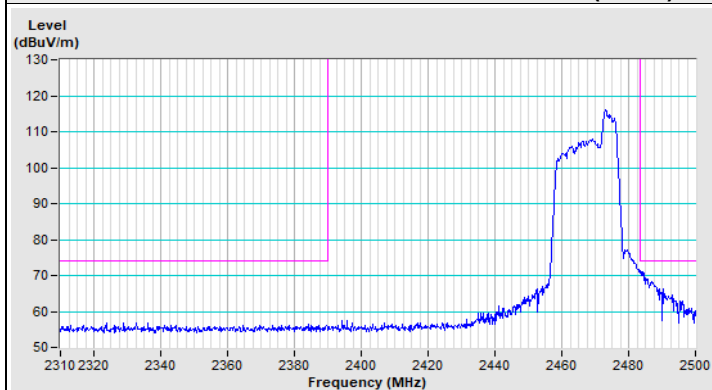


Vertical (Peak)

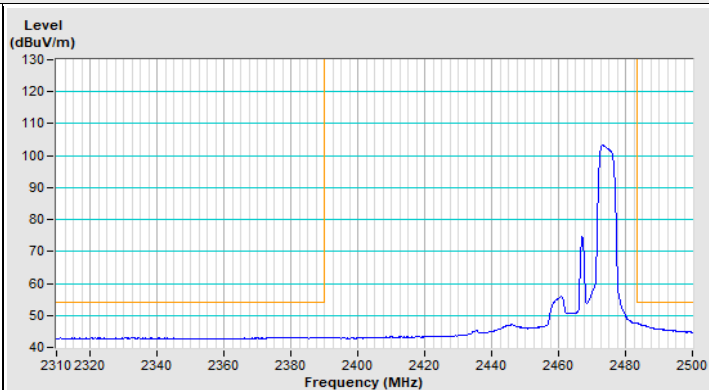


Vertical (Average)

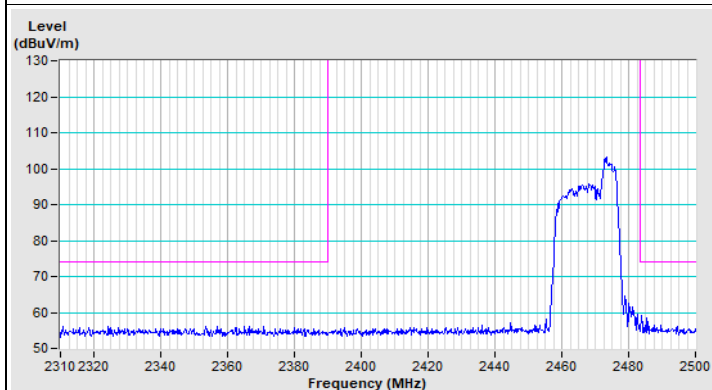
802.11ax (HE20) 52-tone RU Channel 12



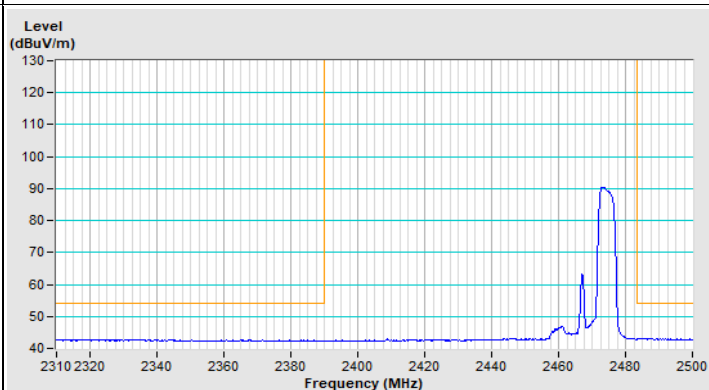
Horizontal (Peak)



Horizontal (Average)

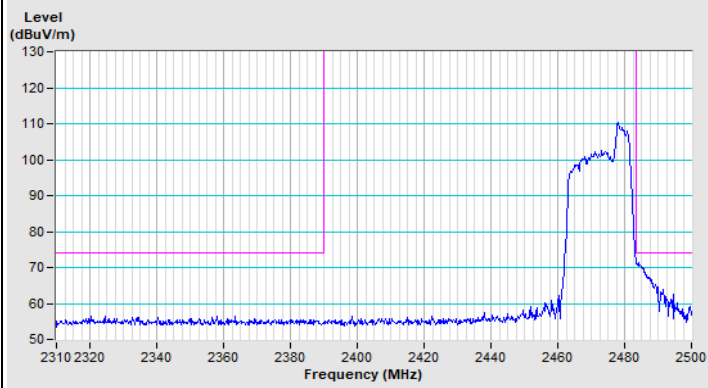


Vertical (Peak)

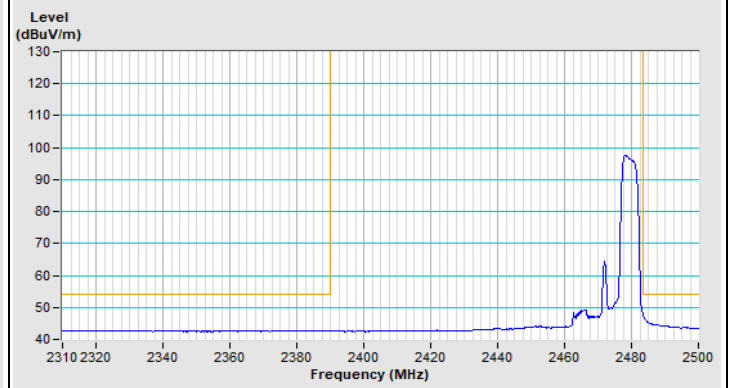


Vertical (Average)

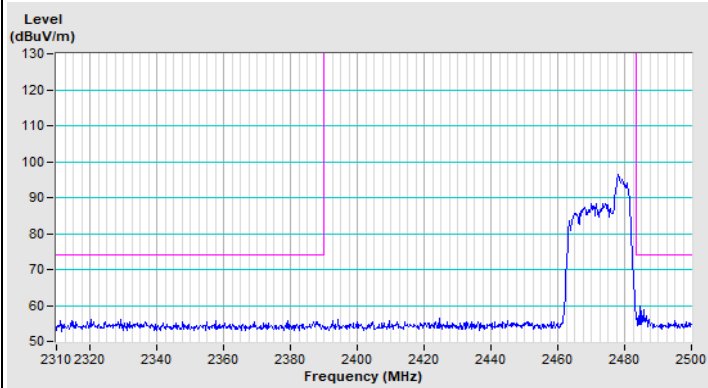
802.11ax (HE20) 52-tone RU Channel 13



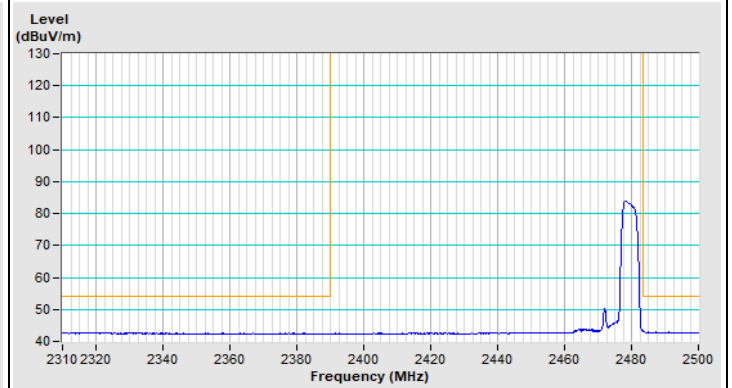
Horizontal (Peak)



Horizontal (Average)



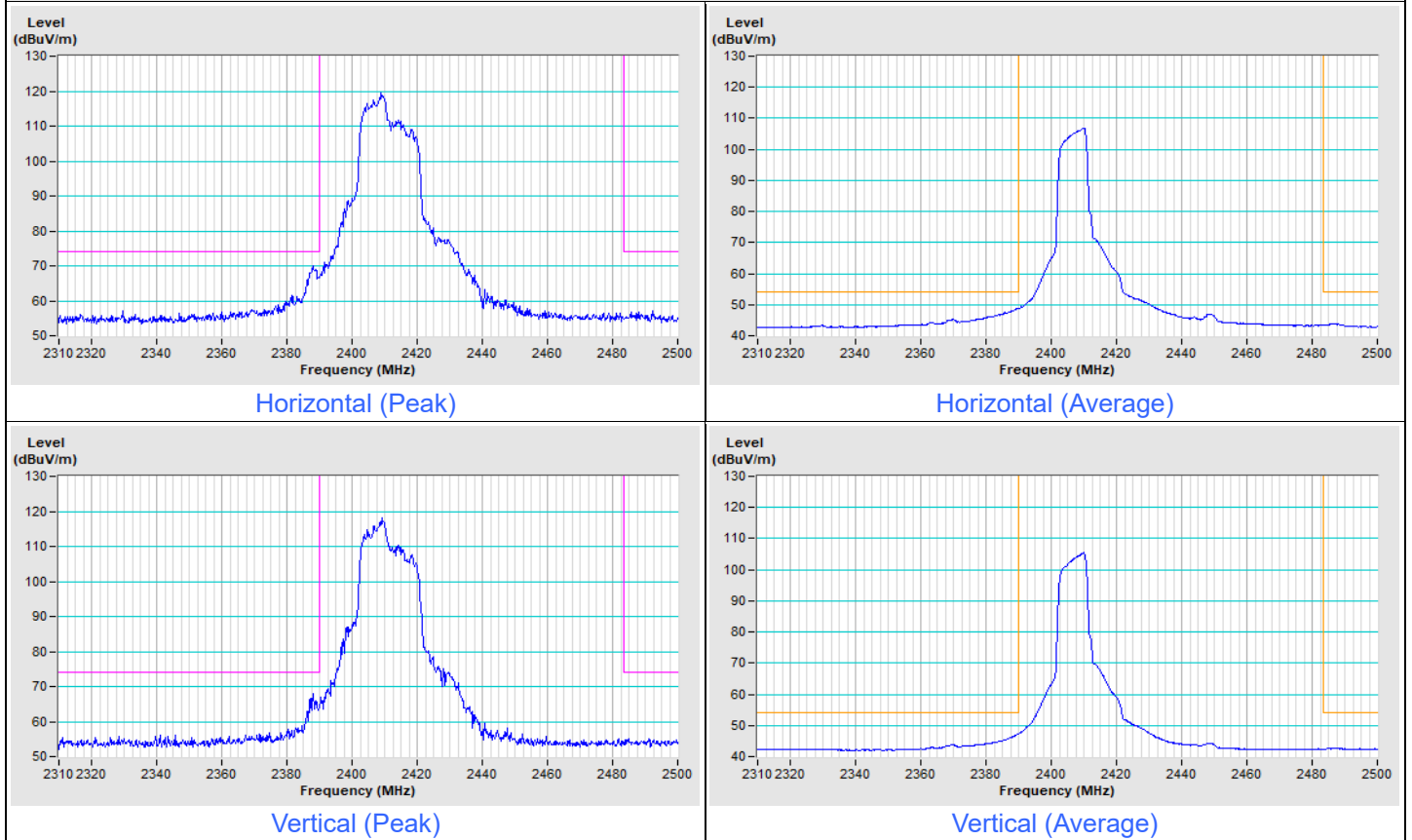
Vertical (Peak)



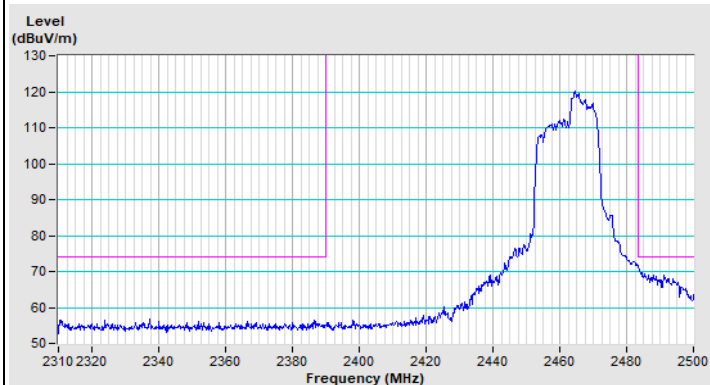
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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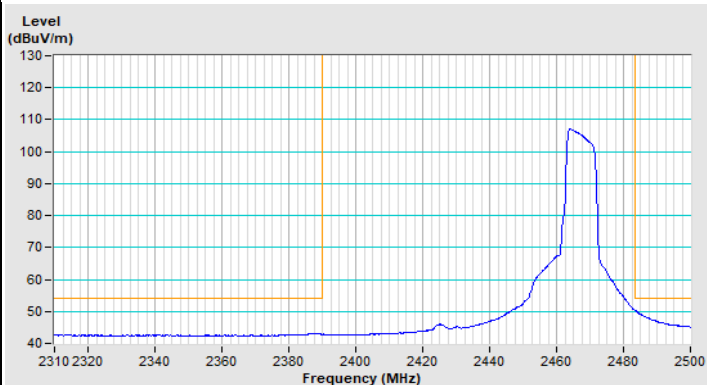
802.11ax (HE20) 106-tone RU Channel 1



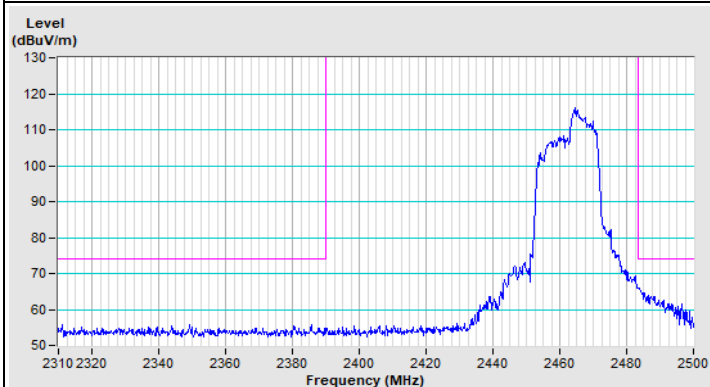
802.11ax (HE20) 106-tone RU Channel 11



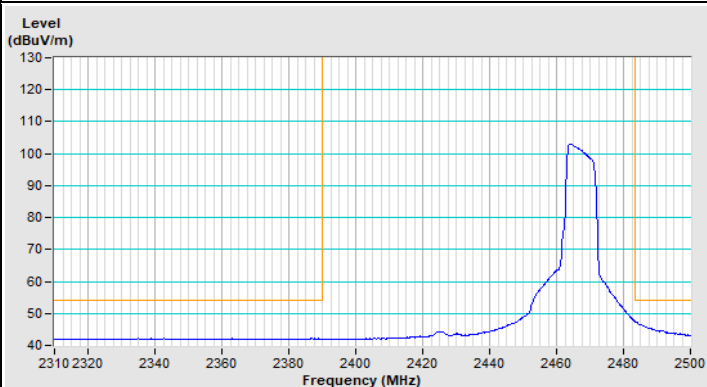
Horizontal (Peak)



Horizontal (Average)

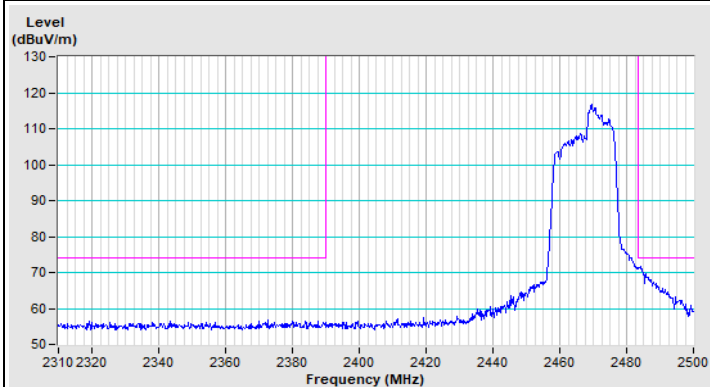


Vertical (Peak)

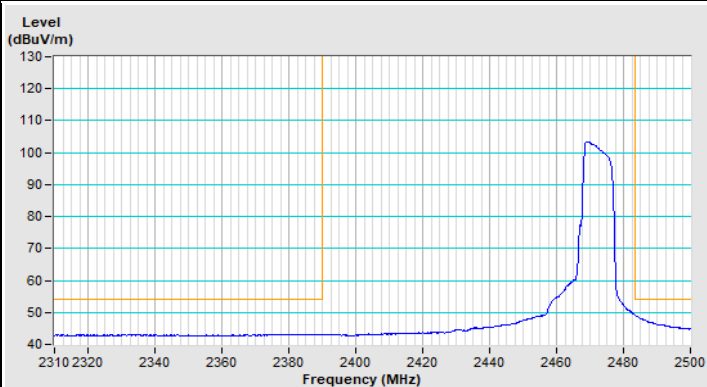


Vertical (Average)

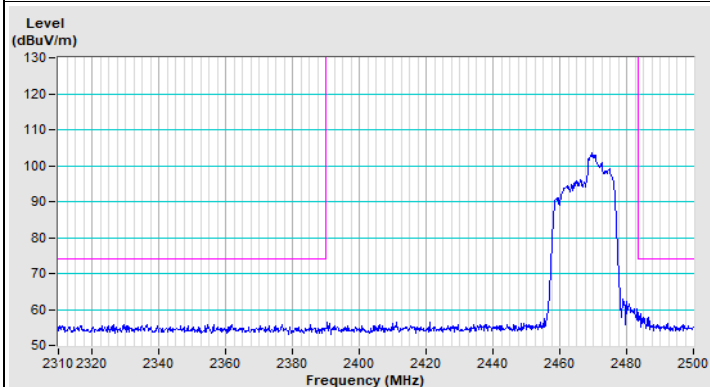
802.11ax (HE20) 106-tone RU Channel 12



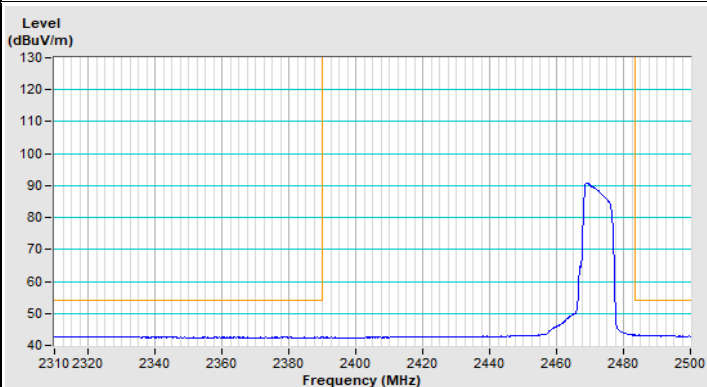
Horizontal (Peak)



Horizontal (Average)

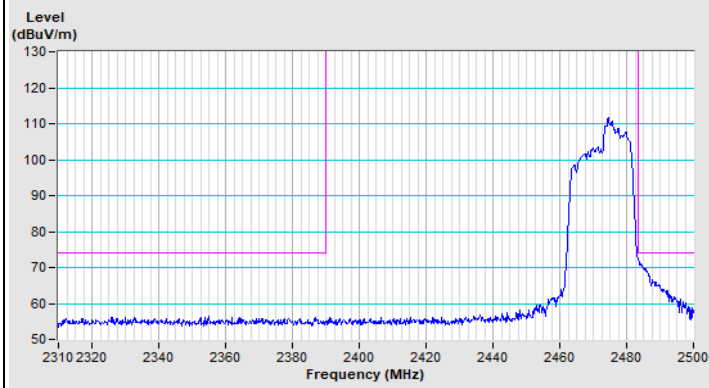


Vertical (Peak)

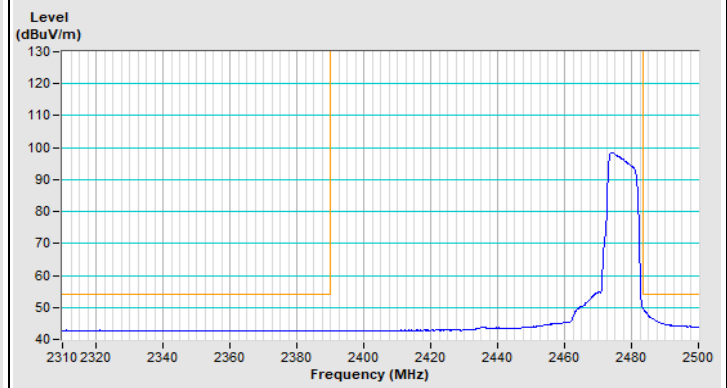


Vertical (Average)

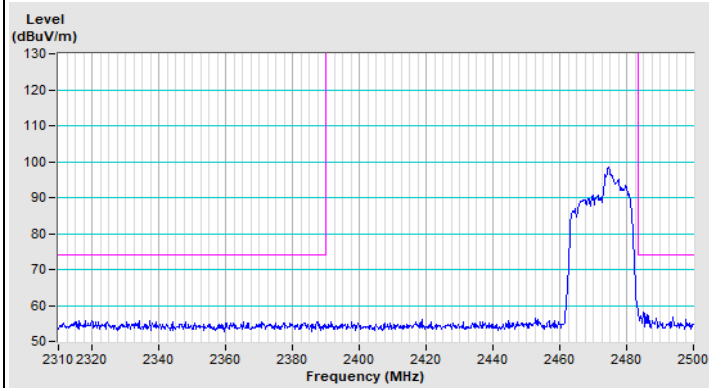
802.11ax (HE20) 106-tone RU Channel 13



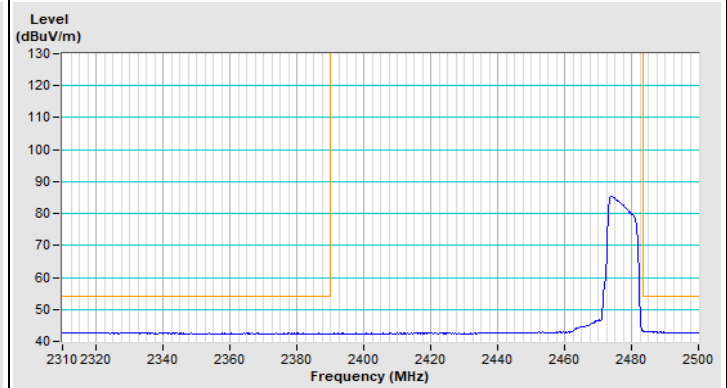
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)



Vertical (Average)

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

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

If you have any comments, please feel free to contact us at the following:

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Fax: 886-2-26051924

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Fax: 886-3-6668323

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Fax: 886-3-3270892

Email: service.adt@bureauveritas.com

Web Site: <http://ee.bureauveritas.com.tw>

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

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