

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)
Report No.: RFBARR-WTW-P21060023U-1
FCC ID: RAS-MT7922A12L
Product: 2TX 11ax (WiFi6E) BW160+BT/BLE Combo Card
Brand: MediaTek
Model No.: MT7922A12L
Received Date: 2024/10/7
Test Date: 2024/11/11 ~ 2024/12/5
Issued Date: 2024/12/25
Applicant: MediaTek Inc.
Address: No. 1, Dusing 1st Rd., Hsinchu Science Park Hsinchu City 30078, Taiwan
Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Hsin Chu Laboratory
Lab Address: E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
Test Location: E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
FCC Registration / 723255 / TW2022
Designation Number:

Approved by: _____, **Date:** 2024/12/25
May Chen / Manager

This test report consists of 119 pages in total. It may be duplicated completely for legal use with the approval of the applicant. It should not be reproduced except in full, without the written approval of our laboratory. The test results in the report only apply to the tested sample. The test results in this report are traceable to the national or international standards.



Prepared by : Phoenix Huang / Specialist

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Table of Contents

Release Control Record	3
1 Certificate.....	4
2 Summary of Test Results	5
2.1 Measurement Uncertainty	5
2.2 Supplementary Information	5
3 General Information	6
3.1 General Description.....	6
3.2 Antenna Description of EUT.....	7
3.3 Channel List.....	9
3.4 Test Mode Applicability and Tested Channel Detail.....	10
3.5 Duty Cycle of Test Signal.....	11
3.6 Test Program Used and Operation Descriptions	14
3.7 Connection Diagram of EUT and Peripheral Devices	14
3.8 Configuration of Peripheral Devices and Cable Connections	15
4 Test Instruments	16
4.1 AC Power Conducted Emissions	16
4.2 Unwanted Emissions below 1 GHz	16
4.3 Unwanted Emissions above 1 GHz.....	17
5 Limits of Test Items.....	18
5.1 AC Power Conducted Emissions	18
5.2 Unwanted Emissions below 1 GHz	18
5.3 Unwanted Emissions above 1 GHz.....	18
6 Test Arrangements.....	19
6.1 AC Power Conducted Emissions	19
6.1.1 Test Setup	19
6.1.2 Test Procedure.....	19
6.2 Unwanted Emissions below 1 GHz	20
6.2.1 Test Setup	20
6.2.2 Test Procedure.....	21
6.3 Unwanted Emissions above 1 GHz.....	22
6.3.1 Test Setup	22
6.3.2 Test Procedure.....	22
7 Test Results of Test Item	23
7.1 AC Power Conducted Emissions	23
7.2 Unwanted Emissions below 1 GHz	25
7.3 Unwanted Emissions above 1 GHz.....	27
8 Pictures of Test Arrangements	118
9 Information of the Testing Laboratories	119

Release Control Record

Issue No.	Description	Date Issued
RFBARR-WTW-P21060023U-1	Original release.	2024/12/25

1 Certificate

Product: 2TX 11ax (WiFi6E) BW160+BT/BLE Combo Card
Brand: MediaTek
Test Model: MT7922A12L
Sample Status: Engineering sample
Applicant: MediaTek Inc.
Test Date: 2024/11/11 ~ 2024/12/5
Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)
Measurement procedure: ANSI C63.10-2013
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	N/A	Refer to Note 1 below
15.247(e)	Power Spectral Density	N/A	Refer to Note 1 below
15.247(a)(2)	6 dB Bandwidth	N/A	Refer to Note 1 below
15.247(d)	Conducted Out of Band Emissions	N/A	Refer to Note 1 below
15.207	AC Power Conducted Emissions	Pass	Minimum passing margin is -9.05 dB at 26.79688 MHz
15.205 / 15.209 / 15.247(d)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -2.7 dB at 298.80 MHz
15.205 / 15.209 / 15.247(d)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.2 dB at 2483.50 MHz
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF), IPEX-4L and ipex not a standard connector.

Note:

1. AC Power Conducted Emissions and Unwanted Emissions were performed for this addendum. The others testing data refer to original test report.
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

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

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

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

2.2 Supplementary Information

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

3 General Information

3.1 General Description

Product	2TX 11ax (WiFi6E) BW160+BT/BLE Combo Card
Brand	MediaTek
Test Model	MT7922A12L
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 300 Mbps VHT: up to 400 Mbps 802.11ax: up to 573.5 Mbps
Operating Frequency	2.412 GHz ~ 2.472 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	771.204 mW (28.87 dBm)

Note:

1. This report is prepared for FCC class II permissive change. The difference compared with the Report No.: RFBARR-WTW-P21060023F-1 as the following:
 - ◆ Add Monopole antennas (Refer to section 3.2).
2. According to above conditions and there is no increase in authorized power level, only AC Power Conducted Emissions and Unwanted Emissions test need to be performed. And all data are verified to meet the requirements.
3. There are Bluetooth and WLAN (2.4 GHz & 5 GHz & 5.9 GHz & 6 GHz) technology used for the EUT.
4. Simultaneously transmission combination.

Combination.	Technology	
1	WLAN (5 GHz)	Bluetooth
2	WLAN (6 GHz)	Bluetooth
3	WLAN (5.9 GHz)	Bluetooth

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

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.

Original								
Antenna Set	RF Chain NO.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
1	Chain0	PSA	RFMTA340718EMLB302	3.18	2.4 ~ 2.4835	PIFA	ipex(MHF)	200
				4.92	5.15 ~ 5.895			
	Chain1	PSA	RFMTA340718EMLB302	3.18	2.4 ~ 2.4835	PIFA	ipex(MHF)	200
				4.92	5.15 ~ 5.895			
2	Chain0	PSA	RFMTA311020EMMB301	1.71	2.4 ~ 2.4835	PIFA	ipex(MHF)	200
				4.82	5.15 ~ 5.895			
				4.76	5.925 ~ 6.425			
				4.29	6.425 ~ 6.525			
				4.61	6.525 ~ 6.875			
				4.09	6.875 ~ 7.125			
	Chain1	PSA	RFMTA311020EMMB301	1.71	2.4 ~ 2.4835	PIFA	ipex(MHF)	200
				4.82	5.15 ~ 5.895			
				4.76	5.925 ~ 6.425			
				4.29	6.425 ~ 6.525			
				4.61	6.525 ~ 6.875			
				4.09	6.875 ~ 7.125			
3	Chain0	MSI	WA-P-LE-02-045 (Main)	2.24	2.4 ~ 2.4835	PIFA	IPEX-4L	190
				2.68	5.15 ~ 5.895			
				3.01	5.925 ~ 6.425			
				-1.23	6.425 ~ 6.525			
				-1.96	6.525 ~ 6.875			
				-3.68	6.875 ~ 7.125			
	Chain1	MSI	WA-P-LE-02-046 (Aux)	-2.96	2.4 ~ 2.4835	PIFA	IPEX-4L	325
				1.16	5.15 ~ 5.895			
				0.99	5.925 ~ 6.425			
				-2.31	6.425 ~ 6.525			
				-2.54	6.525 ~ 6.875			
				-7.44	6.875 ~ 7.125			
				-13.92	5.925 ~ 6.425			
				-13.91	6.425 ~ 6.525			
4	Chain0	PSA	RFMTA421230IMMB701	-13.91	6.525 ~ 6.875	PIFA	ipex	300
				-14.46	6.875 ~ 7.125			
	Chain1	PSA	RFMTA421230IMMB701	-13.92	5.925 ~ 6.425	PIFA	ipex	300
				-13.91	6.425 ~ 6.525			
				-13.91	6.525 ~ 6.875			
				-14.46	6.875 ~ 7.125			
5	Chain0	PSA	RFPCA460632IMMB701	-13.2	5.925~6.425	PIFA	ipex	300
				-13.67	6.425~6.525			
				-13.67	6.525~6.875			
				-13.09	6.875~7.125			
	Chain1	PSA	RFPCA460632IMMB701	-13.2	5.925~6.425	PIFA	ipex	300
				-13.67	6.425~6.525			
				-13.67	6.525~6.875			
				-13.09	6.875~7.125			

Newly

Antenna Set	RF Chain NO.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
6	Chain0	HongBo	260-25105	3.1	2.4 ~ 2.4835	Monopole	ipex(MHF)	486
				3.33	5.15 ~ 5.895			
				4.23	5.925 ~ 6.425			
				4.22	6.425 ~ 6.525			
				4.01	6.525 ~ 6.875			
				3.07	6.875 ~ 7.125			
	Chain1	HongBo	260-25105	3.1	2.4 ~ 2.4835	Monopole	ipex(MHF)	486
				3.33	5.15 ~ 5.895			
				4.23	5.925 ~ 6.425			
				4.22	6.425 ~ 6.525			
				4.01	6.525 ~ 6.875			
				3.07	6.875 ~ 7.125			
7	Chain0	HongBo	260-25106	4.91	5.15 ~ 5.895	Monopole	ipex(MHF)	350
				4.73	5.925 ~ 6.425			
				4.29	6.425 ~ 6.525			
				4.58	6.525 ~ 6.875			
				4.09	6.875 ~ 7.125			
	Chain1	HongBo	260-25106	4.91	5.15 ~ 5.895	Monopole	ipex(MHF)	350
				4.73	5.925 ~ 6.425			
				4.29	6.425 ~ 6.525			
				4.58	6.525 ~ 6.875			
				4.09	6.875 ~ 7.125			

Note: Above Monopole antennas, Antenna Set 6 was tested for WLAN (2.4 GHz).

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

2. The EUT incorporates a MIMO function:

2.4 GHz Band				
Modulation Mode	TX & RX Configuration		CDD mode	Beamforming mode
802.11b	2TX	2RX	Support	Not Support
802.11g	2TX	2RX	Support	Not Support
802.11n (HT20)	2TX	2RX	Support	Not Support
802.11n (HT40)	2TX	2RX	Support	Not Support
VHT20	2TX	2RX	Support	Not Support
VHT40	2TX	2RX	Support	Not Support
802.11ax (HE20)	2TX	2RX	Support	Not Support
802.11ax (HE40)	2TX	2RX	Support	Not Support
802.11ax (RU26/52/106/242/484)	2TX	2RX	Support	Not Support

Note: The modulation and bandwidth are similar for 802.11n mode for 20 MHz (40 MHz), VHT mode for 20 MHz (40 MHz) and 802.11ax mode for 20 MHz (40 MHz). Therefore the investigated worst case is the 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's Monopole antenna can be used in the following ways: X-axis/ Y-axis/ Z-axis. Pre-scan these ways and find the worst case as a representative test condition. 2. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). 3. The worst-case Partial RU modes across all supported bandwidth modes has been determined via pre-scan.
Worst Case:	1. EUT's Monopole antenna worst condition: X-axis

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

Test Item	Mode	Tested Channel	Modulation	Data Rate Parameter	RU Index
AC Power Conducted Emissions	802.11b	1	DBPSK	1Mb/s	NA
Unwanted Emissions below 1 GHz	802.11b	1	DBPSK	1Mb/s	NA
Unwanted Emissions above 1 GHz	802.11b	1, 6, 11, 12, 13	DBPSK	1Mb/s	NA
	802.11g	1, 6, 11, 12, 13	BPSK	6Mb/s	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, 0, 8, 8, 8
	802.11ax (HE20) 52-tone RU	1, 6, 11, 12, 13	BPSK	MCS0	37, 37, 40, 40, 40
	802.11ax (HE20) 106-tone RU	1, 6, 11, 12, 13	BPSK	MCS0	53, 53, 54, 54, 54

3.5 Duty Cycle of Test Signal

802.11b:

Duty cycle = 16.328 ms / 16.623 ms x 100% = 98.2%

802.11g:

Duty cycle = 1.244 ms / 1.27 ms x 100% = 98.0%

802.11ax (HE20):

Duty cycle = 2.866 ms / 3.264 ms x 100% = 87.8%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.56$ dB

802.11ax (HE40):

Duty cycle = 2.864 ms / 3.361 ms x 100% = 85.2%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.69$ dB

802.11ax (HE20) 26-tone RU:

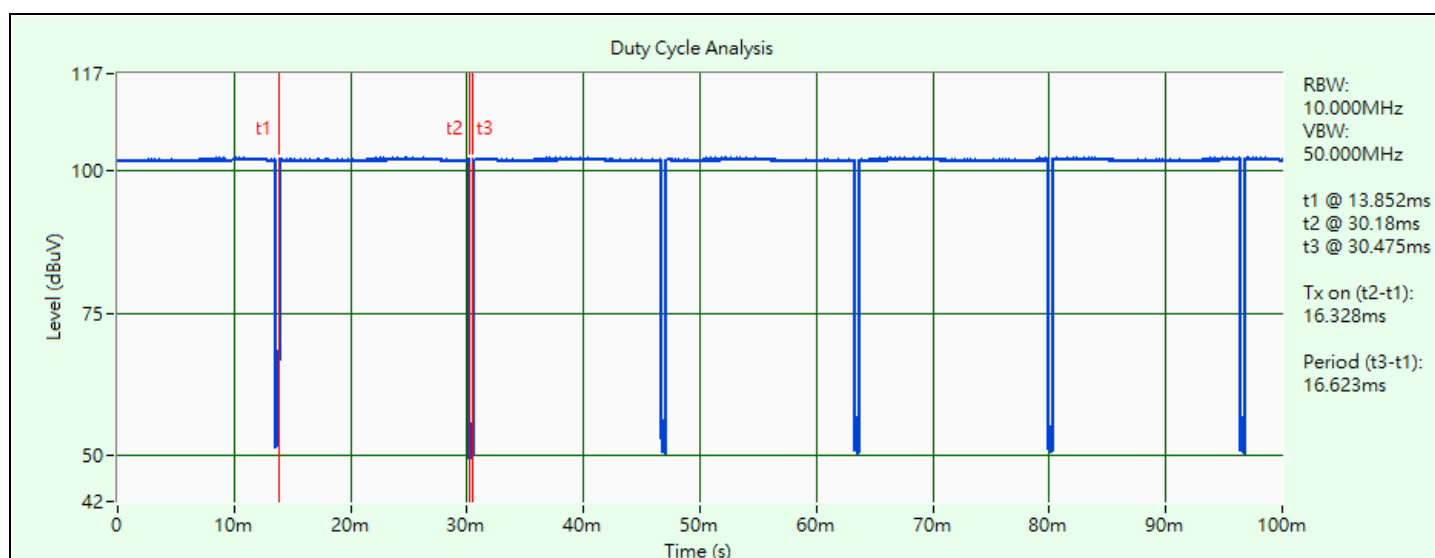
Duty cycle = 0.345 ms / 0.667 ms x 100% = 51.7%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.86$ dB

802.11ax (HE20) 52-tone RU:

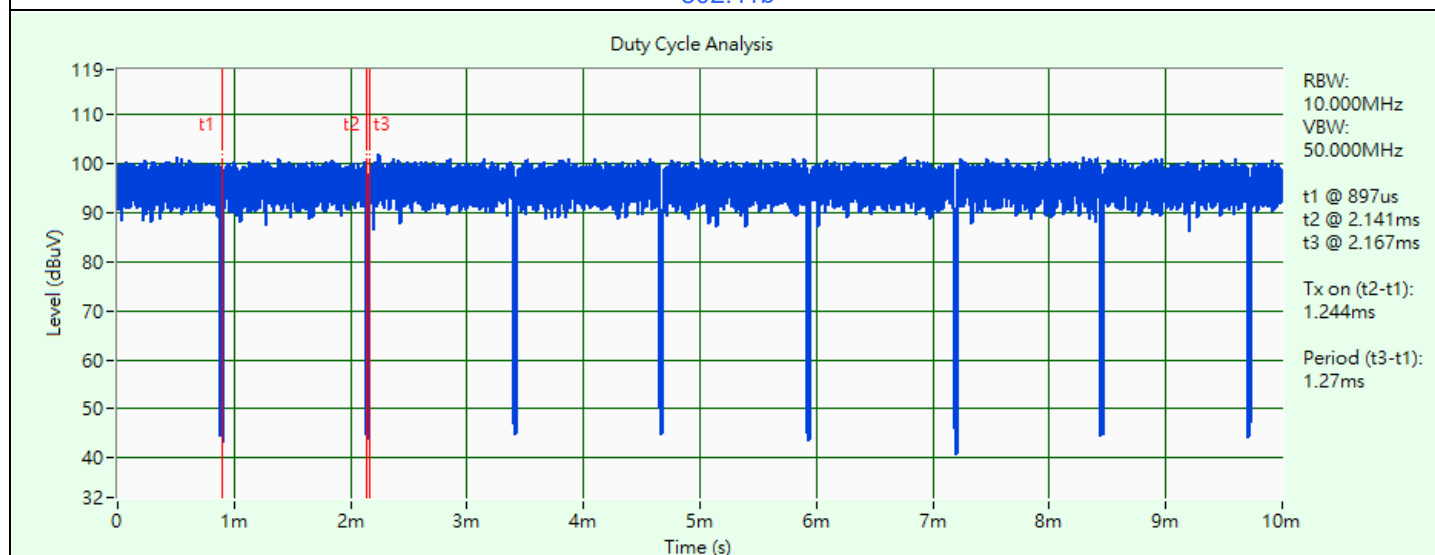
Duty cycle = 0.301 ms / 0.615 ms x 100% = 48.9%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 3.10$ dB

802.11ax (HE20) 106-tone RU:

Duty cycle = 0.273 ms / 0.577 ms x 100% = 47.3%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 3.25$ dB

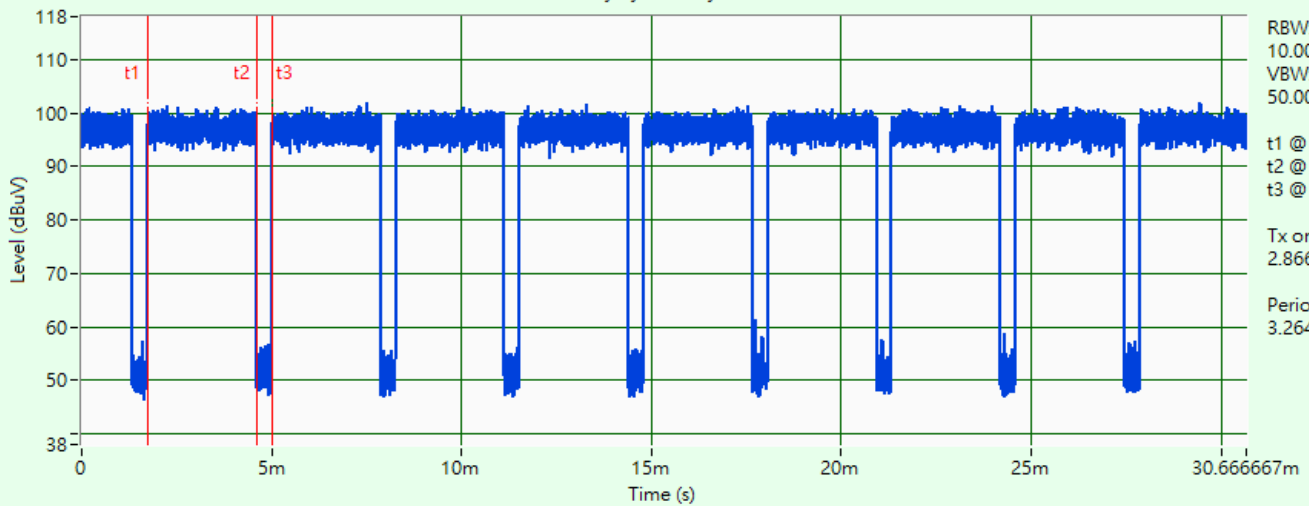


802.11b



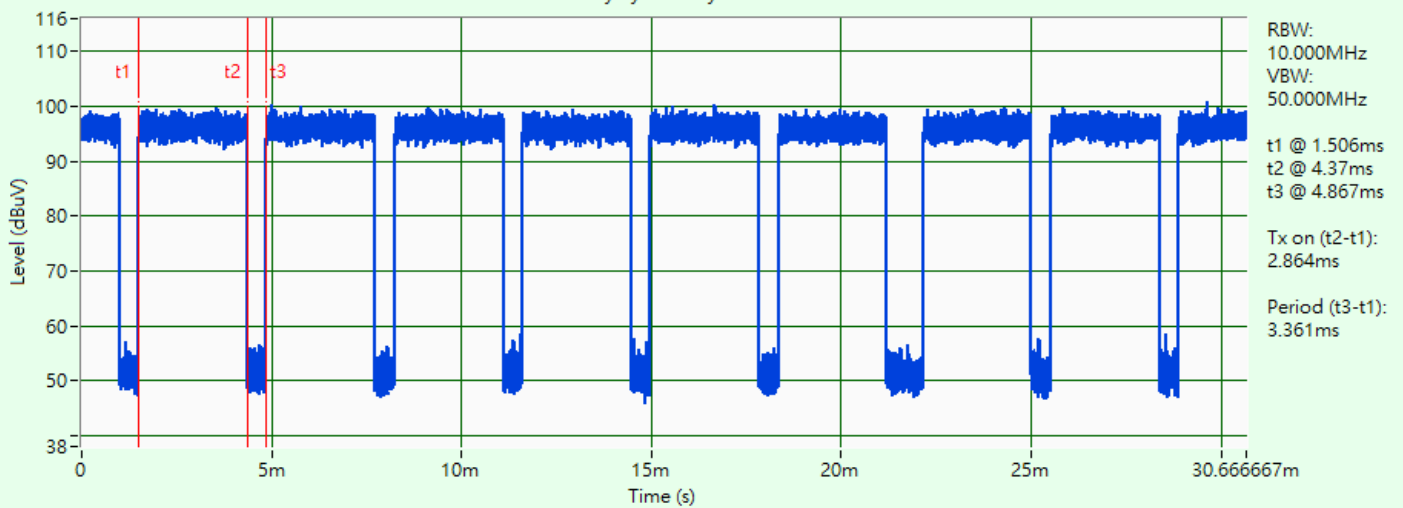
802.11g

Duty Cycle Analysis



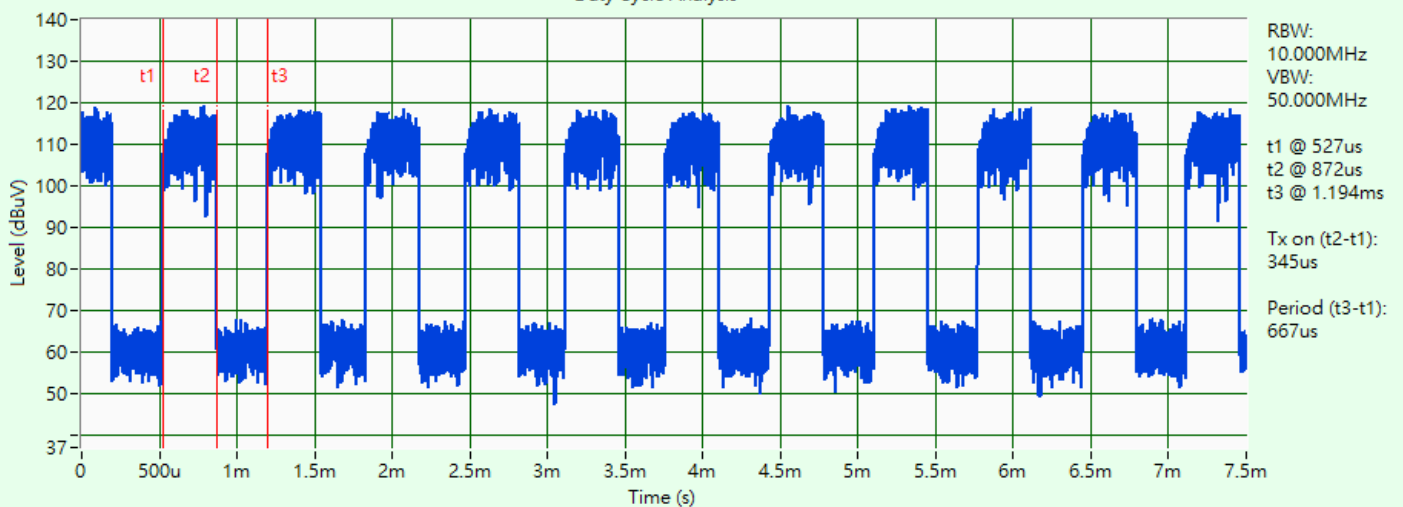
802.11ax (HE20)

Duty Cycle Analysis



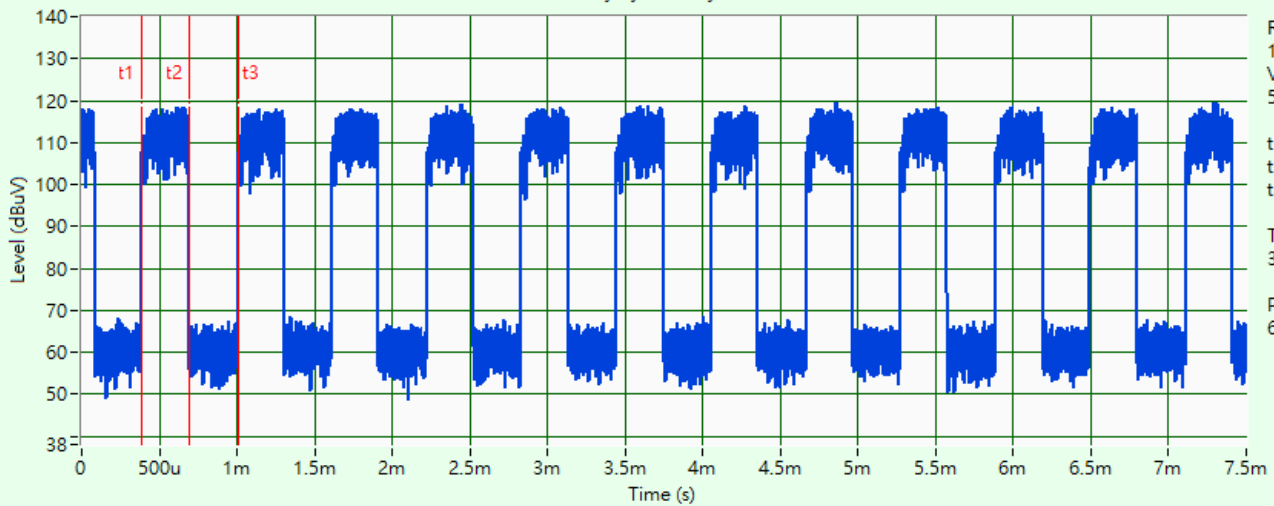
802.11ax (HE40)

Duty Cycle Analysis



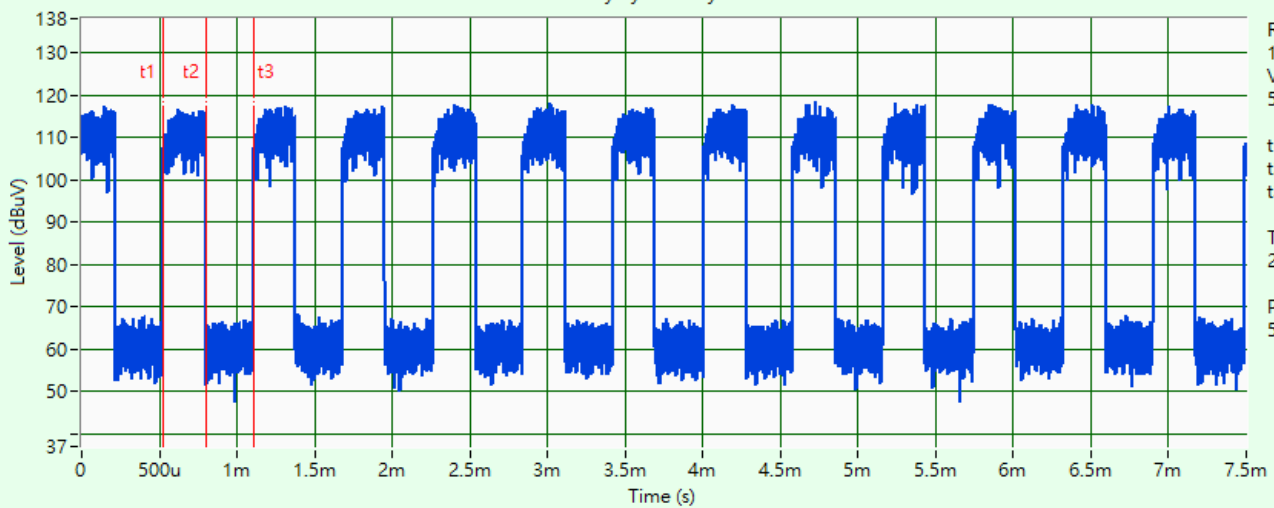
802.11ax (HE20) 26-tone RU

Duty Cycle Analysis



802.11ax (HE20) 52-tone RU

Duty Cycle Analysis



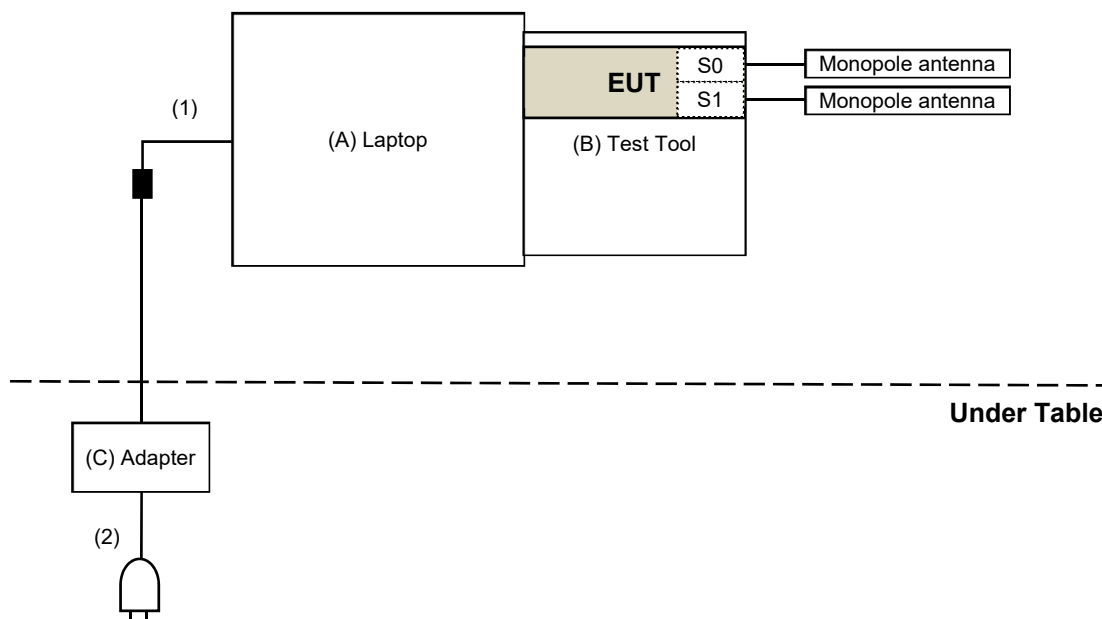
802.11ax (HE20) 106-tone RU

3.6 Test Program Used and Operation Descriptions

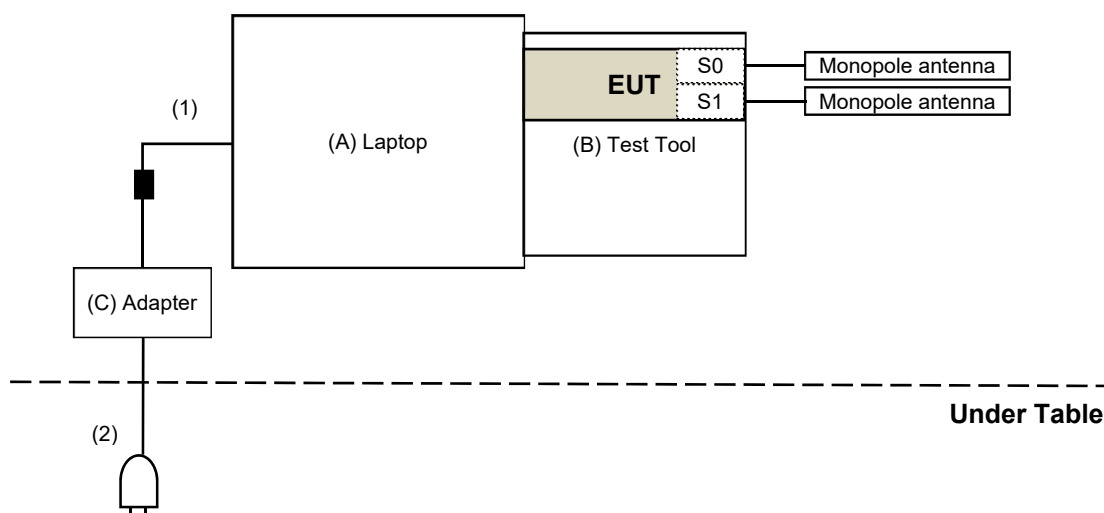
Controlling software (QATool_Ulv2.62_DLLv6.67_2021.04.16.1707_49e8620) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices

For Unwanted Emissions test:



For AC Power Conducted Emission test:



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	Lenovo	L440	R907JXDG	N/A	Provided by Lab
B	Test Tool	Mediatek	MTK1849	N/A	N/A	Supplied by applicant
C	Adapter	Lenovo	ADLX45NCC3A	N/A	N/A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	DC Cable	1	1.8	No	1	Provided by Lab
2	AC Cable	1	1.5	No	0	Provided by Lab

4 Test Instruments

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

4.1 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance Telegartner	50 ohm	3	2024/11/1	2025/10/31
EMI Test Receiver R&S	ESCS 30	100375	2024/5/20	2025/5/19
Fixed Attenuator STI	STI02-2200-10	005	2024/2/19	2025/2/18
LISN R&S	ESH3-Z5	835239/001	2024/4/3	2025/4/2
		848773/004	2024/10/7	2025/10/6
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: 2024/11/13

4.2 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-406	2024/10/8	2025/10/7
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Fixed Attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-03	2024/2/17	2025/2/16
Loop Antenna TESEQ	HLA 6121	63620	2024/10/17	2025/10/16
MXE EMI Receiver Agilent	N9038A	MY51210202	2024/7/29	2025/7/28
Preamplifier EMCI	EMC330N	980701	2024/2/17	2025/2/16
	EMC001340	980142	2024/2/19	2025/2/18
RF Coaxial Cable JYEBAO	5D-FB	LOOPCAB-001	2024/2/19	2025/2/18
		LOOPCAB-002	2024/2/19	2025/2/18
RF Coaxial Cable mTJ	100100-CFD400LW-200	CFD400-200	2024/2/17	2025/2/16
	100100-CFD400LW-400	CFD400-400	2024/2/17	2025/2/16
	100100-CFD400LW-800	CFD400-800	2024/2/17	2025/2/16
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in 966 Chamber No. 4.
2. Tested Date: 2024/11/13

4.3 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-783	2024/11/10	2025/11/9
	BBHA 9170	9170-739	2024/11/10	2025/11/9
MXA Signal Analyzer Keysight	N9020B	MY60112410	2024/3/13	2025/3/12
Preamplifier EMCI	EMC12630SE	980688	2024/8/8	2025/8/7
	EMC184045SE	980387	2024/8/8	2025/8/7
RF Coaxial Cable EMCI	EMC102-KM-KM-1200	160924	2024/1/29	2025/1/28
	EMC102-KM-KM-4000	200214	2024/1/29	2025/1/28
	EMC104-SM-SM-1200	160922	2024/1/29	2025/1/28
	EMC104-SM-SM-2000	180502	2024/1/29	2025/1/28
	EMC104-SM-SM-6000	210704	2024/10/30	2025/10/29
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in 966 Chamber No. 4.
2. Tested Date: 2024/11/11 ~ 2024/12/5

5 Limits of Test Items

5.1 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.

5.2 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).

5.3 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:

- (1) For Peak conducted power limits shall be at least 20 dB below the highest level of the desired power:
- (2) For RMS averaging conducted power limits shall be at least 30 dB below the highest level of the desired power:

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

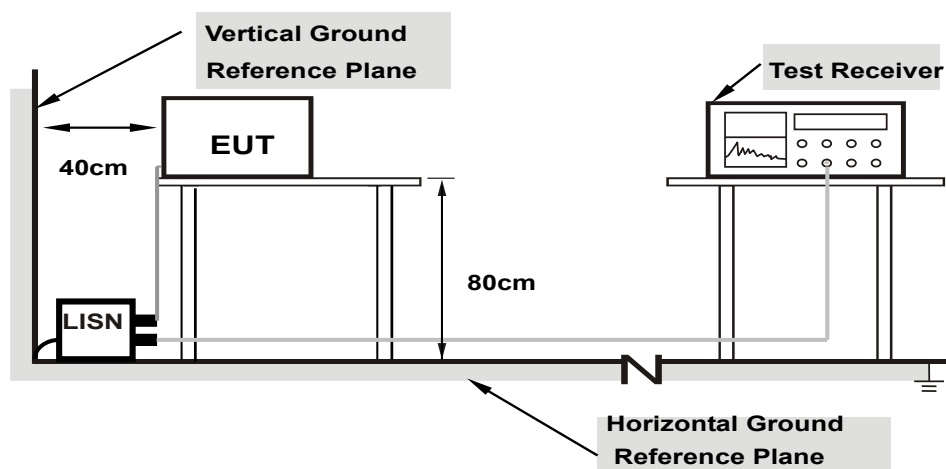
Notes:

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 AC Power Conducted Emissions

6.1.1 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).

6.1.2 Test Procedure

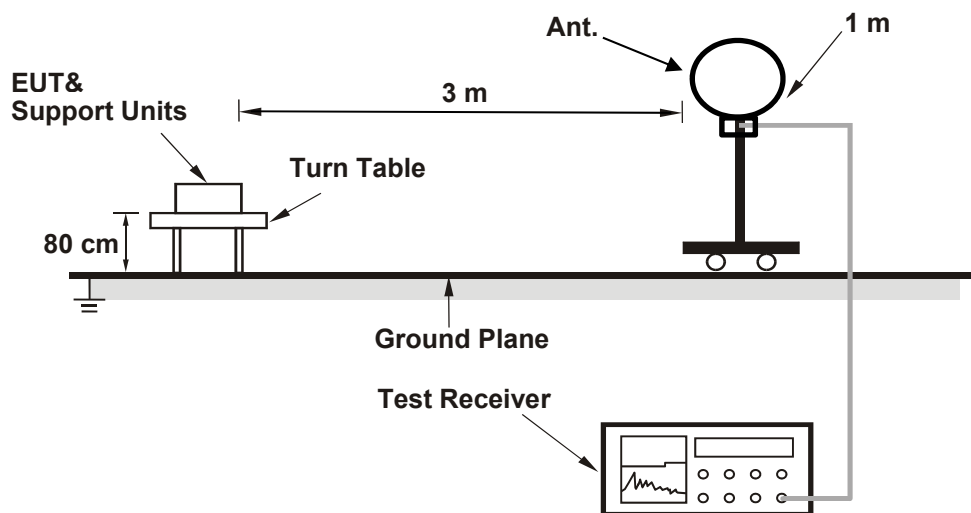
- The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The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

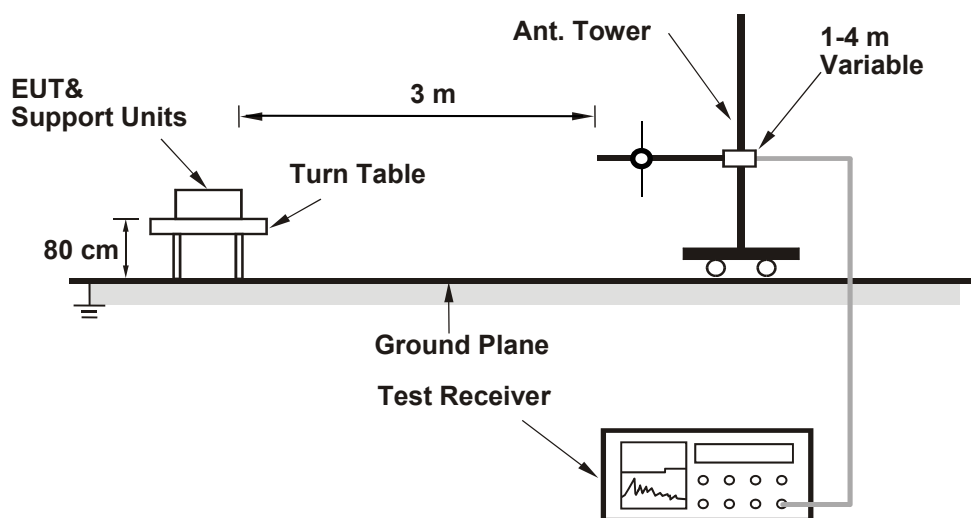
6.2 Unwanted Emissions below 1 GHz

6.2.1 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).

6.2.2 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

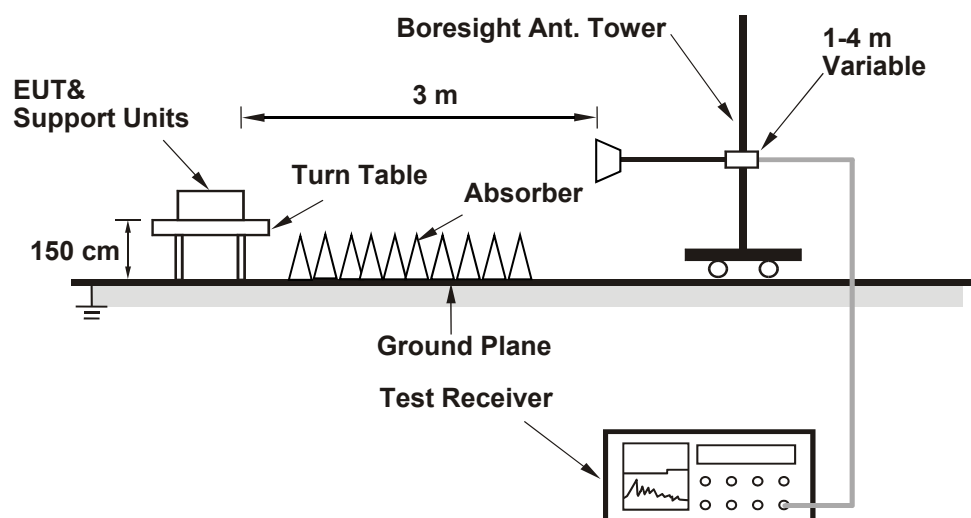
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the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

6.3 Unwanted Emissions above 1 GHz

6.3.1 Test Setup



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

6.3.2 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

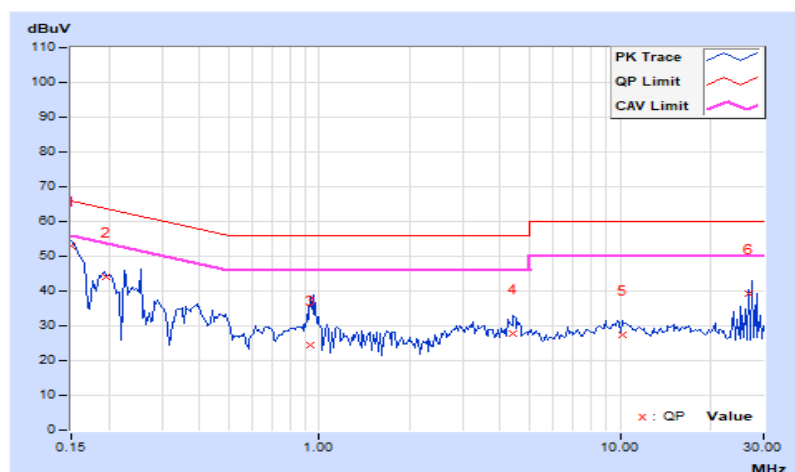
7.1 AC Power Conducted Emissions

RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 61 % RH
Tested By	Willy Lin		

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	0.15000	10.01	43.06	28.94	53.07	38.95	66.00	56.00	-12.93	-17.05
2	0.19687	10.02	34.09	21.24	44.11	31.26	63.74	53.74	-19.63	-22.48
3	0.93516	10.06	14.40	2.75	24.46	12.81	56.00	46.00	-31.54	-33.19
4	4.40625	10.22	17.68	7.81	27.90	18.03	56.00	46.00	-28.10	-27.97
5	10.21875	10.52	16.98	12.04	27.50	22.56	60.00	50.00	-32.50	-27.44
6	26.80078	11.42	27.99	25.07	39.41	36.49	60.00	50.00	-20.59	-13.51

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

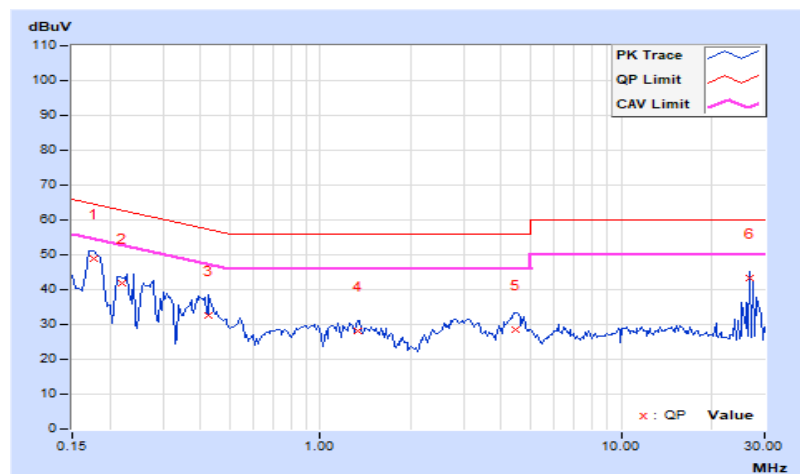


RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 61 % RH
Tested By	Willy Lin		

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	0.17734	10.01	38.98	24.39	48.99	34.40	64.61	54.61	-15.62	-20.21
2	0.22031	10.01	31.94	18.03	41.95	28.04	62.81	52.81	-20.86	-24.77
3	0.42734	10.01	22.68	7.91	32.69	17.92	57.30	47.30	-24.61	-29.38
4	1.33203	10.05	18.03	8.85	28.08	18.90	56.00	46.00	-27.92	-27.10
5	4.48047	10.18	18.47	10.48	28.65	20.66	56.00	46.00	-27.35	-25.34
6	26.79688	11.01	32.27	29.94	43.28	40.95	60.00	50.00	-16.72	-9.05

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



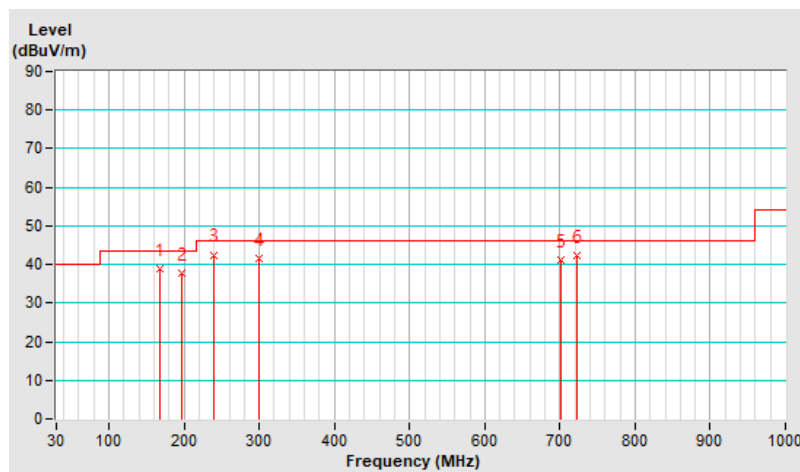
7.2 Unwanted Emissions below 1 GHz

RF Mode	802.11b	Channel	CH 1 : 2412 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, 62 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	167.77	38.9 QP	43.5	-4.6	2.00 H	173	57.2	-18.3
2	196.36	37.7 QP	43.5	-5.8	2.00 H	89	58.8	-21.1
3	239.47	42.5 QP	46.0	-3.5	1.50 H	324	62.0	-19.5
4	299.66	41.6 QP	46.0	-4.4	2.00 H	323	58.9	-17.3
5	701.26	41.0 QP	46.0	-5.0	3.00 H	269	49.4	-8.4
6	722.78	42.3 QP	46.0	-3.7	2.00 H	154	50.2	-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 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.

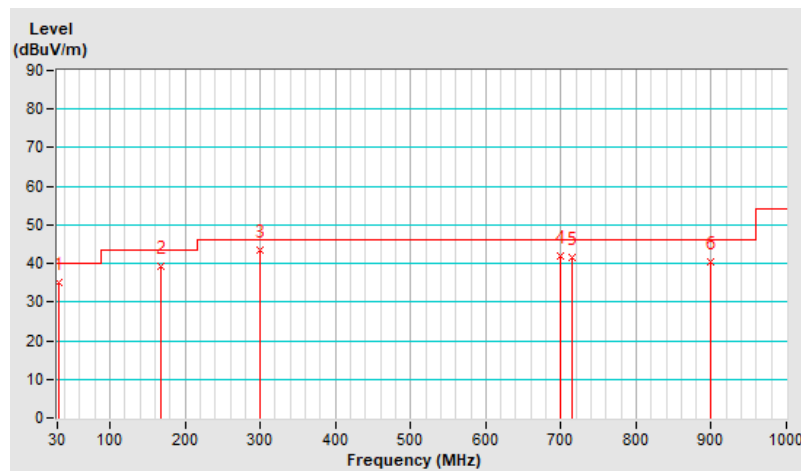


RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	20 °C, 62 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	31.70	34.9 QP	40.0	-5.1	1.50 V	311	53.7	-18.8
2	167.62	39.4 QP	43.5	-4.1	1.50 V	256	57.7	-18.3
3	298.80	43.3 QP	46.0	-2.7	2.00 V	330	60.7	-17.4
4	700.24	41.8 QP	46.0	-4.2	3.00 V	180	50.2	-8.4
5	715.73	41.6 QP	46.0	-4.4	1.50 V	212	49.6	-8.0
6	899.23	40.5 QP	46.0	-5.5	1.00 V	221	45.7	-5.2

Remarks:

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



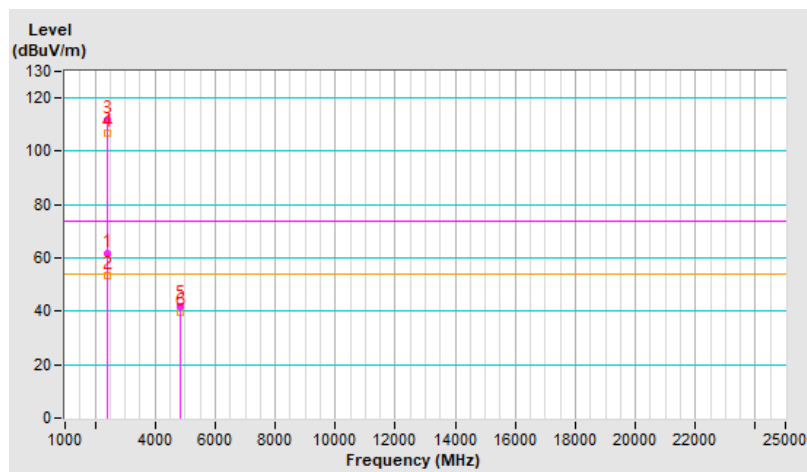
7.3 Unwanted Emissions above 1 GHz

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, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	61.9 PK	74.0	-12.1	1.34 H	5	62.0	-0.1
2	2390.00	53.2 AV	54.0	-0.8	1.34 H	5	53.3	-0.1
3	*2412.00	111.6 PK			1.34 H	5	111.8	-0.2
4	*2412.00	106.6 AV			1.34 H	5	106.8	-0.2
5	4824.00	42.1 PK	74.0	-31.9	2.20 H	46	37.6	4.5
6	4824.00	39.7 AV	54.0	-14.3	2.20 H	46	35.2	4.5

Remarks:

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

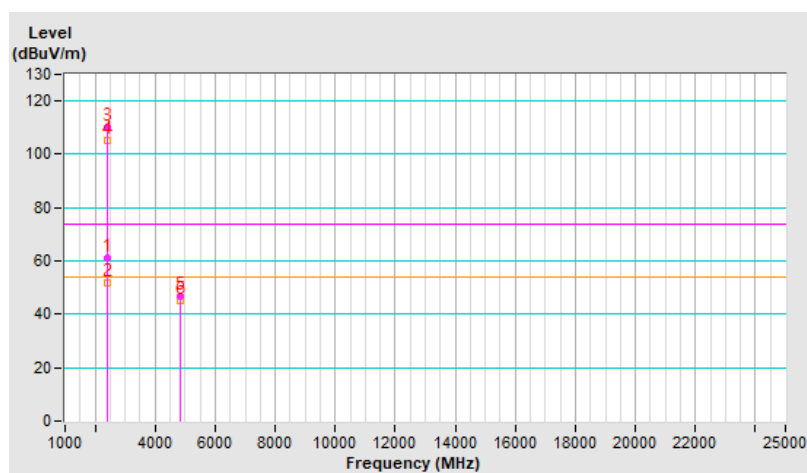


RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	1.88 V	192	61.2	-0.1
2	2390.00	51.6 AV	54.0	-2.4	1.88 V	192	51.7	-0.1
3	*2412.00	110.4 PK			1.88 V	192	110.6	-0.2
4	*2412.00	105.1 AV			1.88 V	192	105.3	-0.2
5	4824.00	46.6 PK	74.0	-27.4	2.33 V	319	42.1	4.5
6	4824.00	44.9 AV	54.0	-9.1	2.33 V	319	40.4	4.5

Remarks:

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

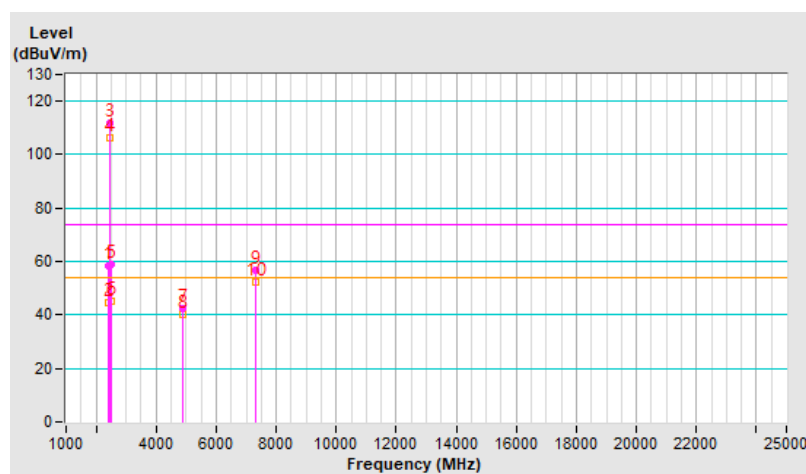


RF Mode	802.11b	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	2.34 H	36	58.4	-0.1
2	2390.00	44.6 AV	54.0	-9.4	2.34 H	36	44.7	-0.1
3	*2437.00	111.9 PK			2.34 H	36	112.0	-0.1
4	*2437.00	106.5 AV			2.34 H	36	106.6	-0.1
5	2483.50	59.1 PK	74.0	-14.9	2.34 H	36	59.4	-0.3
6	2483.50	44.9 AV	54.0	-9.1	2.34 H	36	45.2	-0.3
7	4874.00	42.5 PK	74.0	-31.5	2.27 H	52	37.9	4.6
8	4874.00	40.3 AV	54.0	-13.7	2.27 H	52	35.7	4.6
9	7311.00	56.5 PK	74.0	-17.5	1.84 H	242	45.2	11.3
10	7311.00	52.5 AV	54.0	-1.5	1.84 H	242	41.2	11.3

Remarks:

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

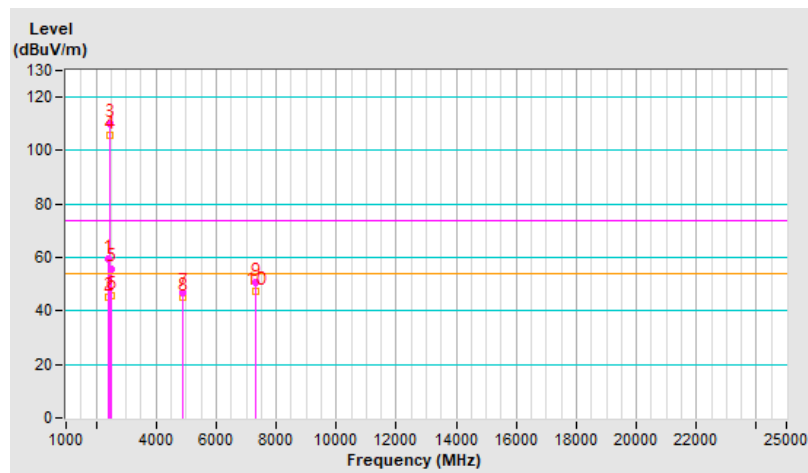


RF Mode	802.11b	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	59.6 PK	74.0	-14.4	1.81 V	95	59.7	-0.1
2	2390.00	44.9 AV	54.0	-9.1	1.81 V	95	45.0	-0.1
3	*2437.00	110.3 PK			1.81 V	95	110.4	-0.1
4	*2437.00	105.6 AV			1.81 V	95	105.7	-0.1
5	2483.50	55.9 PK	74.0	-18.1	1.81 V	95	56.2	-0.3
6	2483.50	45.6 AV	54.0	-8.4	1.81 V	95	45.9	-0.3
7	4874.00	46.6 PK	74.0	-27.4	2.34 V	335	42.0	4.6
8	4874.00	45.1 AV	54.0	-8.9	2.34 V	335	40.5	4.6
9	7311.00	50.7 PK	74.0	-23.3	1.44 V	340	39.4	11.3
10	7311.00	47.2 AV	54.0	-6.8	1.44 V	340	35.9	11.3

Remarks:

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

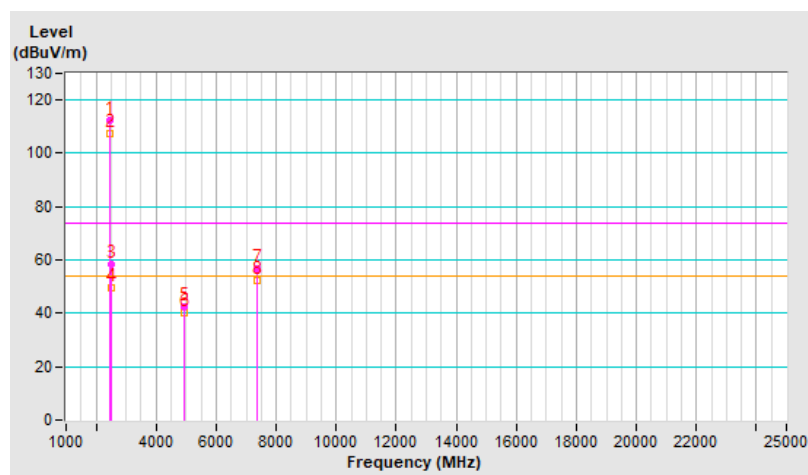


RF Mode	802.11b	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	112.4 PK			2.33 H	38	112.7	-0.3
2	*2462.00	107.5 AV			2.33 H	38	107.8	-0.3
3	2483.50	58.6 PK	74.0	-15.4	2.33 H	38	58.9	-0.3
4	2483.50	49.6 AV	54.0	-4.4	2.33 H	38	49.9	-0.3
5	4924.00	42.4 PK	74.0	-31.6	2.19 H	51	37.7	4.7
6	4924.00	40.1 AV	54.0	-13.9	2.19 H	51	35.4	4.7
7	7386.00	56.7 PK	74.0	-17.3	1.94 H	241	44.8	11.9
8	7386.00	52.5 AV	54.0	-1.5	1.94 H	241	40.6	11.9

Remarks:

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

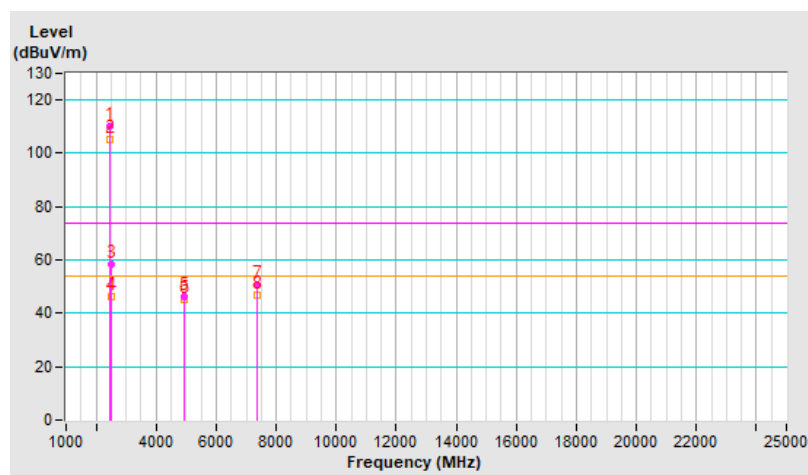


RF Mode	802.11b	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	110.3 PK			1.07 V	82	110.6	-0.3
2	*2462.00	105.3 AV			1.07 V	82	105.6	-0.3
3	2483.50	58.3 PK	74.0	-15.7	1.07 V	82	58.6	-0.3
4	2483.50	46.5 AV	54.0	-7.5	1.07 V	82	46.8	-0.3
5	4924.00	46.5 PK	74.0	-27.5	2.35 V	343	41.8	4.7
6	4924.00	44.9 AV	54.0	-9.1	2.35 V	343	40.2	4.7
7	7386.00	50.7 PK	74.0	-23.3	1.43 V	338	38.8	11.9
8	7386.00	47.0 AV	54.0	-7.0	1.43 V	338	35.1	11.9

Remarks:

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

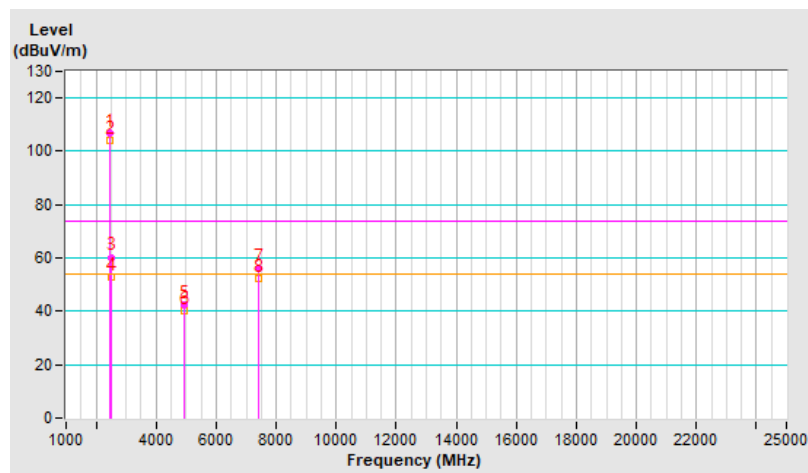


RF Mode	802.11b	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	106.9 PK			1.68 H	31	107.2	-0.3
2	*2467.00	103.9 AV			1.68 H	31	104.2	-0.3
3	2483.50	60.3 PK	74.0	-13.7	1.68 H	31	60.6	-0.3
4	2483.50	52.9 AV	54.0	-1.1	1.68 H	31	53.2	-0.3
5	4934.00	42.3 PK	74.0	-31.7	2.19 H	51	37.6	4.7
6	4934.00	40.1 AV	54.0	-13.9	2.19 H	51	35.4	4.7
7	7401.00	56.4 PK	74.0	-17.6	1.96 H	251	44.4	12.0
8	7401.00	52.5 AV	54.0	-1.5	1.96 H	251	40.5	12.0

Remarks:

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

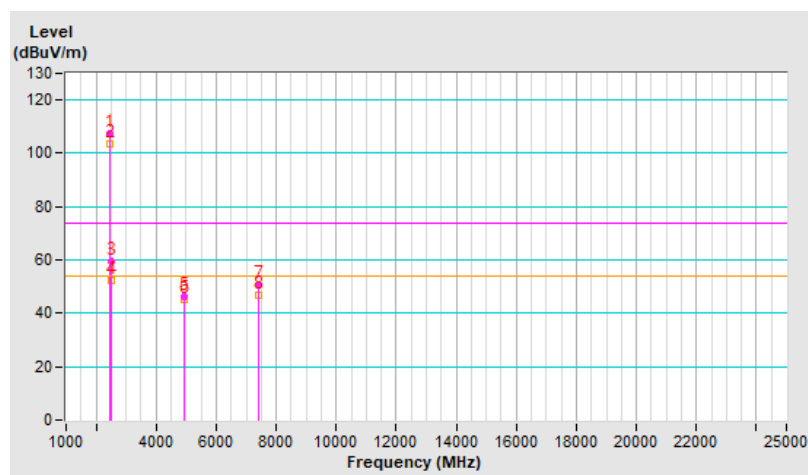


RF Mode	802.11b	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	107.3 PK			1.09 V	76	107.6	-0.3
2	*2467.00	103.5 AV			1.09 V	76	103.8	-0.3
3	2483.50	59.6 PK	74.0	-14.4	1.09 V	76	59.9	-0.3
4	2483.50	52.3 AV	54.0	-1.7	1.09 V	76	52.6	-0.3
5	4934.00	46.3 PK	74.0	-27.7	2.30 V	323	41.6	4.7
6	4934.00	44.9 AV	54.0	-9.1	2.30 V	323	40.2	4.7
7	7401.00	50.5 PK	74.0	-23.5	1.41 V	330	38.5	12.0
8	7401.00	47.0 AV	54.0	-7.0	1.41 V	330	35.0	12.0

Remarks:

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

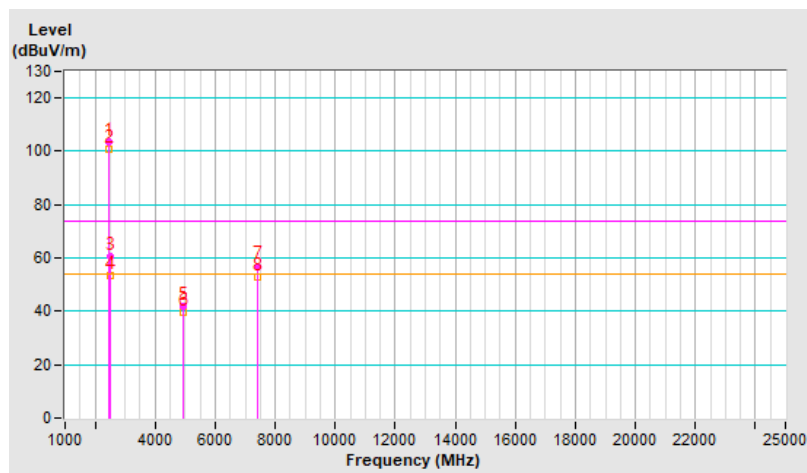


RF Mode	802.11b	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	103.5 PK			2.25 H	32	103.8	-0.3
2	*2472.00	100.9 AV			2.25 H	32	101.2	-0.3
3	2483.50	60.4 PK	74.0	-13.6	2.25 H	32	60.7	-0.3
4	2483.50	53.4 AV	54.0	-0.6	2.25 H	32	53.7	-0.3
5	4944.00	41.8 PK	74.0	-32.2	2.26 H	69	37.0	4.8
6	4944.00	39.6 AV	54.0	-14.4	2.26 H	69	34.8	4.8
7	7416.00	57.0 PK	74.0	-17.0	1.89 H	253	45.0	12.0
8	7416.00	53.1 AV	54.0	-0.9	1.89 H	253	41.1	12.0

Remarks:

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

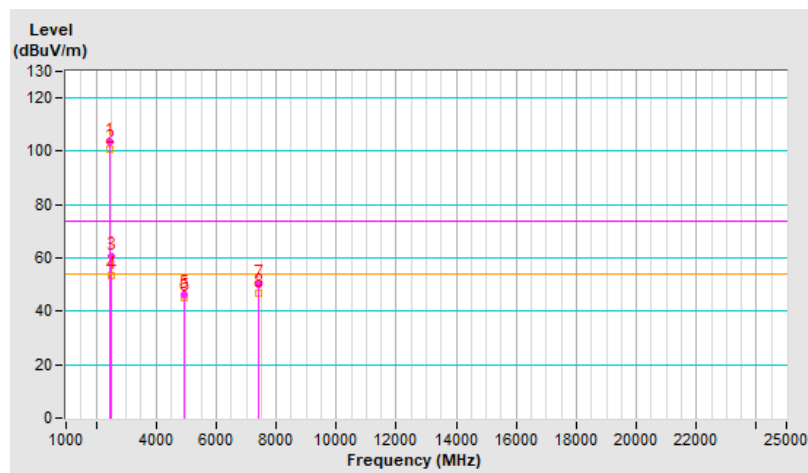


RF Mode	802.11b	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	103.6 PK			1.08 V	68	103.9	-0.3
2	*2472.00	100.6 AV			1.08 V	68	100.9	-0.3
3	2483.50	60.5 PK	74.0	-13.5	1.08 V	68	60.8	-0.3
4	2483.50	53.5 AV	54.0	-0.5	1.08 V	68	53.8	-0.3
5	4944.00	46.5 PK	74.0	-27.5	2.28 V	336	41.7	4.8
6	4944.00	44.9 AV	54.0	-9.1	2.28 V	336	40.1	4.8
7	7416.00	50.2 PK	74.0	-23.8	1.49 V	353	38.2	12.0
8	7416.00	46.8 AV	54.0	-7.2	1.49 V	353	34.8	12.0

Remarks:

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

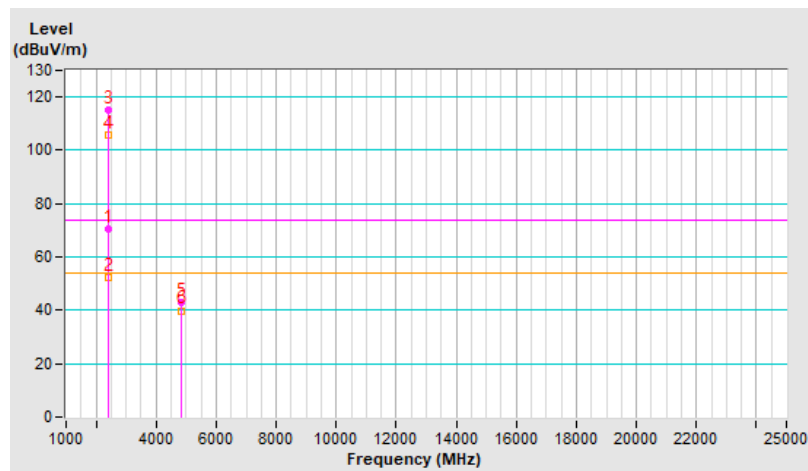


RF Mode	802.11g	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	70.6 PK	74.0	-3.4	2.07 H	24	70.7	-0.1
2	2390.00	52.1 AV	54.0	-1.9	2.07 H	24	52.2	-0.1
3	*2412.00	115.3 PK			2.07 H	24	115.5	-0.2
4	*2412.00	105.7 AV			2.07 H	24	105.9	-0.2
5	4824.00	43.1 PK	74.0	-30.9	2.16 H	72	38.6	4.5
6	4824.00	39.9 AV	54.0	-14.1	2.16 H	72	35.4	4.5

Remarks:

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

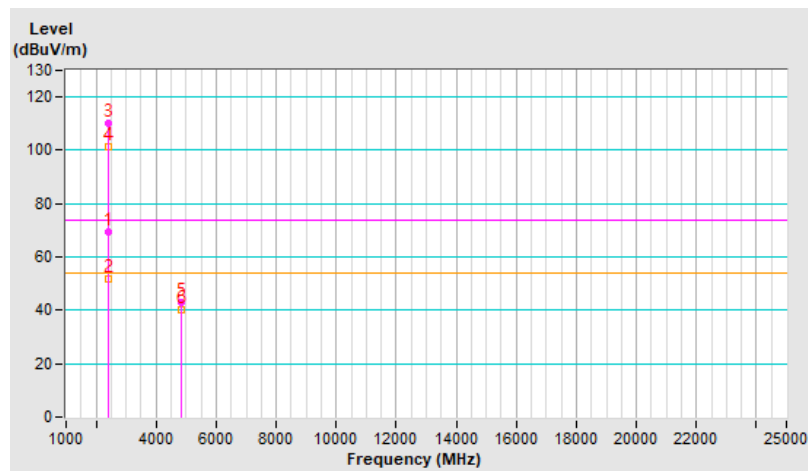


RF Mode	802.11g	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	3.67 V	77	69.7	-0.1
2	2390.00	52.0 AV	54.0	-2.0	3.67 V	77	52.1	-0.1
3	*2412.00	109.9 PK			3.67 V	77	110.1	-0.2
4	*2412.00	101.3 AV			3.67 V	77	101.5	-0.2
5	4824.00	42.8 PK	74.0	-31.2	2.29 V	344	38.3	4.5
6	4824.00	40.1 AV	54.0	-13.9	2.29 V	344	35.6	4.5

Remarks:

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

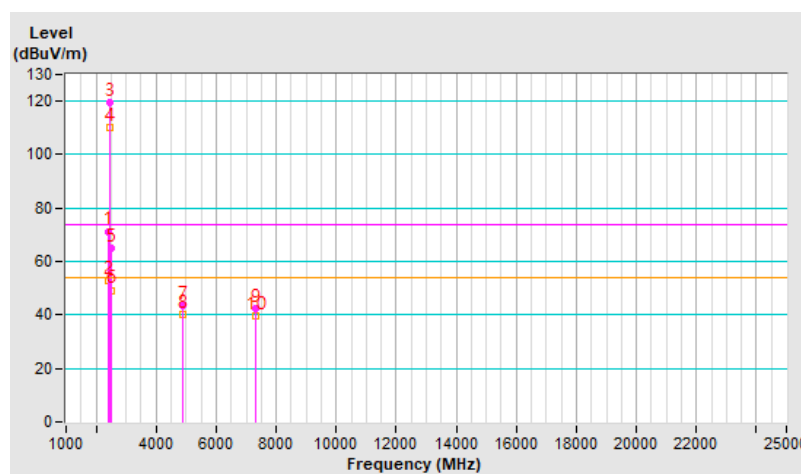


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	71.3 PK	74.0	-2.7	2.26 H	36	71.4	-0.1
2	2390.00	53.1 AV	54.0	-0.9	2.26 H	36	53.2	-0.1
3	*2437.00	119.3 PK			2.26 H	36	119.4	-0.1
4	*2437.00	110.2 AV			2.26 H	36	110.3	-0.1
5	2483.50	65.2 PK	74.0	-8.8	2.26 H	36	65.5	-0.3
6	2483.50	49.3 AV	54.0	-4.7	2.26 H	36	49.6	-0.3
7	4874.00	43.4 PK	74.0	-30.6	2.13 H	63	38.8	4.6
8	4874.00	40.3 AV	54.0	-13.7	2.13 H	63	35.7	4.6
9	7311.00	42.6 PK	74.0	-31.4	1.96 H	266	31.3	11.3
10	7311.00	39.6 AV	54.0	-14.4	1.96 H	266	28.3	11.3

Remarks:

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

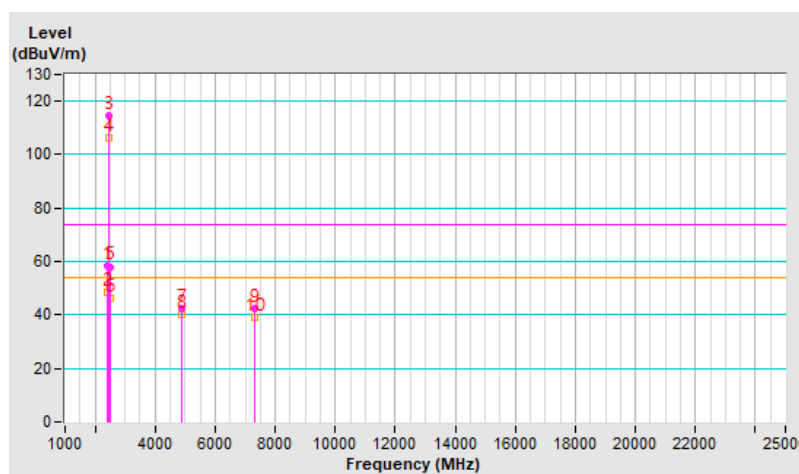


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	58.2 PK	74.0	-15.8	2.85 V	99	58.3	-0.1
2	2390.00	48.3 AV	54.0	-5.7	2.85 V	99	48.4	-0.1
3	*2437.00	114.6 PK			2.85 V	99	114.7	-0.1
4	*2437.00	106.5 AV			2.85 V	99	106.6	-0.1
5	2483.50	58.1 PK	74.0	-15.9	2.85 V	99	58.4	-0.3
6	2483.50	46.5 AV	54.0	-7.5	2.85 V	99	46.8	-0.3
7	4874.00	42.6 PK	74.0	-31.4	2.29 V	351	38.0	4.6
8	4874.00	40.1 AV	54.0	-13.9	2.29 V	351	35.5	4.6
9	7311.00	42.3 PK	74.0	-31.7	1.48 V	322	31.0	11.3
10	7311.00	39.2 AV	54.0	-14.8	1.48 V	322	27.9	11.3

Remarks:

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

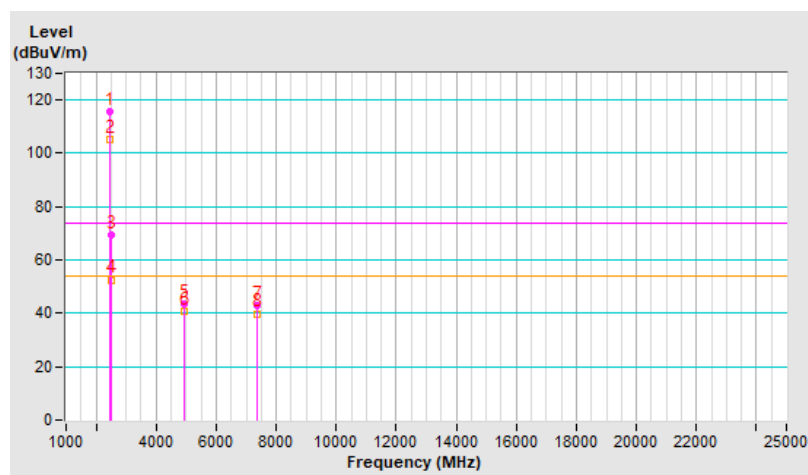


RF Mode	802.11g	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	115.5 PK			2.43 H	34	115.8	-0.3
2	*2462.00	105.3 AV			2.43 H	34	105.6	-0.3
3	2483.50	69.3 PK	74.0	-4.7	2.43 H	34	69.6	-0.3
4	2483.50	52.6 AV	54.0	-1.4	2.43 H	34	52.9	-0.3
5	4924.00	43.7 PK	74.0	-30.3	2.07 H	77	39.0	4.7
6	4924.00	40.5 AV	54.0	-13.5	2.07 H	77	35.8	4.7
7	7386.00	42.8 PK	74.0	-31.2	1.90 H	269	30.9	11.9
8	7386.00	39.9 AV	54.0	-14.1	1.90 H	269	28.0	11.9

Remarks:

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

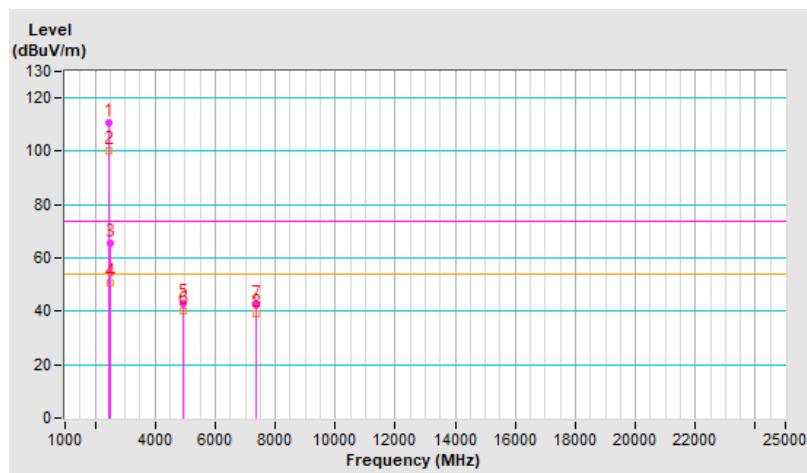


RF Mode	802.11g	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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			2.76 V	85	111.2	-0.3
2	*2462.00	100.3 AV			2.76 V	85	100.6	-0.3
3	2483.50	65.3 PK	74.0	-8.7	2.76 V	85	65.6	-0.3
4	2483.50	50.6 AV	54.0	-3.4	2.76 V	85	50.9	-0.3
5	4924.00	42.8 PK	74.0	-31.2	2.28 V	338	38.1	4.7
6	4924.00	40.0 AV	54.0	-14.0	2.28 V	338	35.3	4.7
7	7386.00	42.2 PK	74.0	-31.8	1.47 V	332	30.3	11.9
8	7386.00	39.0 AV	54.0	-15.0	1.47 V	332	27.1	11.9

Remarks:

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

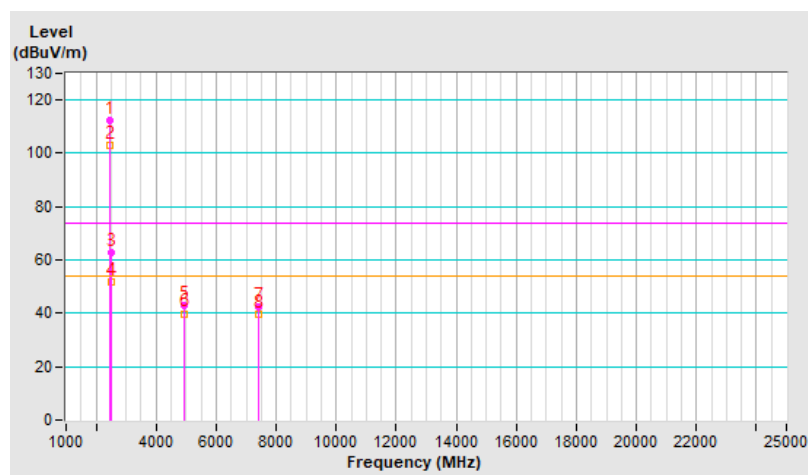


RF Mode	802.11g	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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			2.41 H	31	112.9	-0.3
2	*2467.00	102.9 AV			2.41 H	31	103.2	-0.3
3	2483.50	62.6 PK	74.0	-11.4	2.41 H	31	62.9	-0.3
4	2483.50	51.9 AV	54.0	-2.1	2.41 H	31	52.2	-0.3
5	4934.00	43.0 PK	74.0	-31.0	2.15 H	51	38.3	4.7
6	4934.00	39.9 AV	54.0	-14.1	2.15 H	51	35.2	4.7
7	7401.00	42.6 PK	74.0	-31.4	2.00 H	257	30.6	12.0
8	7401.00	39.7 AV	54.0	-14.3	2.00 H	257	27.7	12.0

Remarks:

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

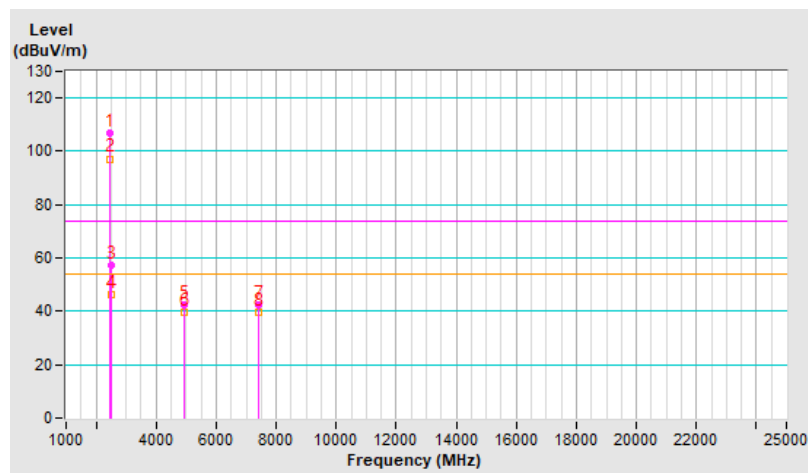


RF Mode	802.11g	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	106.9 PK			2.76 V	88	107.2	-0.3
2	*2467.00	97.2 AV			2.76 V	88	97.5	-0.3
3	2483.50	57.3 PK	74.0	-16.7	2.76 V	88	57.6	-0.3
4	2483.50	46.3 AV	54.0	-7.7	2.76 V	88	46.6	-0.3
5	4934.00	42.2 PK	74.0	-31.8	2.24 V	340	37.5	4.7
6	4934.00	39.8 AV	54.0	-14.2	2.24 V	340	35.1	4.7
7	7401.00	42.6 PK	74.0	-31.4	1.46 V	306	30.6	12.0
8	7401.00	39.5 AV	54.0	-14.5	1.46 V	306	27.5	12.0

Remarks:

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

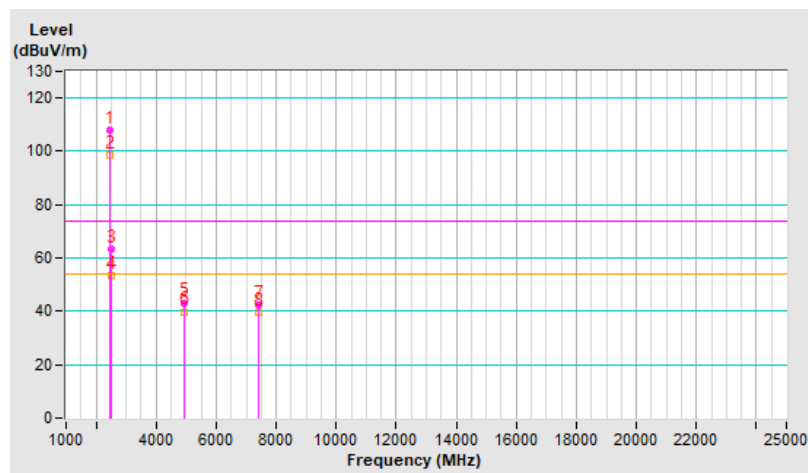


RF Mode	802.11g	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	107.9 PK			2.44 H	36	108.2	-0.3
2	*2472.00	98.6 AV			2.44 H	36	98.9	-0.3
3	2483.50	63.5 PK	74.0	-10.5	2.44 H	36	63.8	-0.3
4	2483.50	53.6 AV	54.0	-0.4	2.44 H	36	53.9	-0.3
5	4944.00	43.2 PK	74.0	-30.8	2.08 H	49	38.4	4.8
6	4944.00	39.9 AV	54.0	-14.1	2.08 H	49	35.1	4.8
7	7416.00	42.4 PK	74.0	-31.6	1.96 H	275	30.4	12.0
8	7416.00	39.7 AV	54.0	-14.3	1.96 H	275	27.7	12.0

Remarks:

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

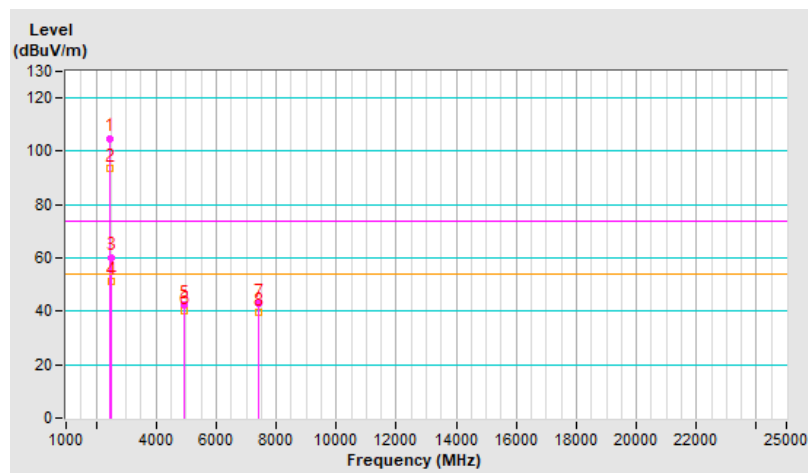


RF Mode	802.11g	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	104.9 PK			2.71 V	81	105.2	-0.3
2	*2472.00	93.8 AV			2.71 V	81	94.1	-0.3
3	2483.50	60.3 PK	74.0	-13.7	2.71 V	81	60.6	-0.3
4	2483.50	51.1 AV	54.0	-2.9	2.71 V	81	51.4	-0.3
5	4944.00	42.4 PK	74.0	-31.6	2.23 V	357	37.6	4.8
6	4944.00	40.2 AV	54.0	-13.8	2.23 V	357	35.4	4.8
7	7416.00	43.0 PK	74.0	-31.0	1.44 V	319	31.0	12.0
8	7416.00	39.7 AV	54.0	-14.3	1.44 V	319	27.7	12.0

Remarks:

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

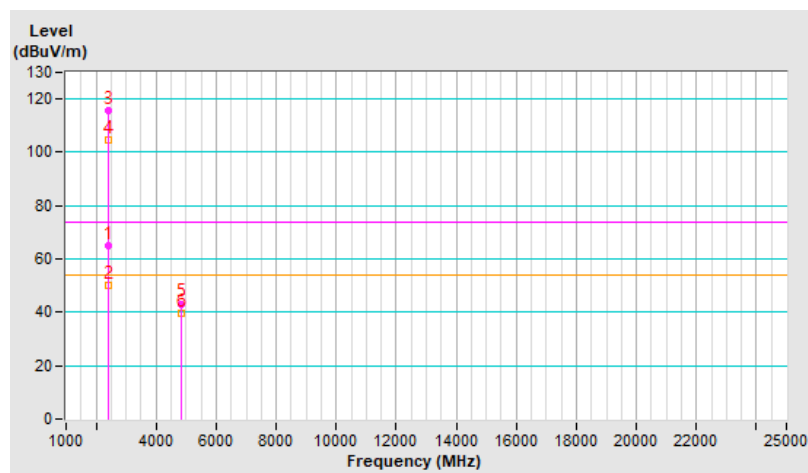


RF Mode	802.11ax (HE20)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	64.9 PK	74.0	-9.1	2.41 H	35	65.0	-0.1
2	2390.00	50.3 AV	54.0	-3.7	2.41 H	35	50.4	-0.1
3	*2412.00	115.6 PK			2.41 H	35	115.8	-0.2
4	*2412.00	104.8 AV			2.41 H	35	105.0	-0.2
5	4824.00	43.2 PK	74.0	-30.8	2.05 H	41	38.7	4.5
6	4824.00	39.7 AV	54.0	-14.3	2.05 H	41	35.2	4.5

Remarks:

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

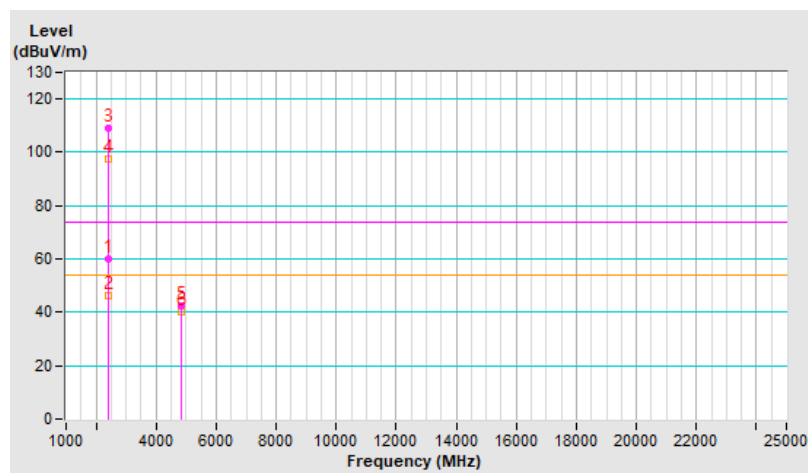


RF Mode	802.11ax (HE20)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	60.1 PK	74.0	-13.9	2.75 V	90	60.2	-0.1
2	2390.00	46.2 AV	54.0	-7.8	2.75 V	90	46.3	-0.1
3	*2412.00	109.3 PK			2.75 V	90	109.5	-0.2
4	*2412.00	97.3 AV			2.75 V	90	97.5	-0.2
5	4824.00	42.5 PK	74.0	-31.5	2.27 V	337	38.0	4.5
6	4824.00	40.2 AV	54.0	-13.8	2.27 V	337	35.7	4.5

Remarks:

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

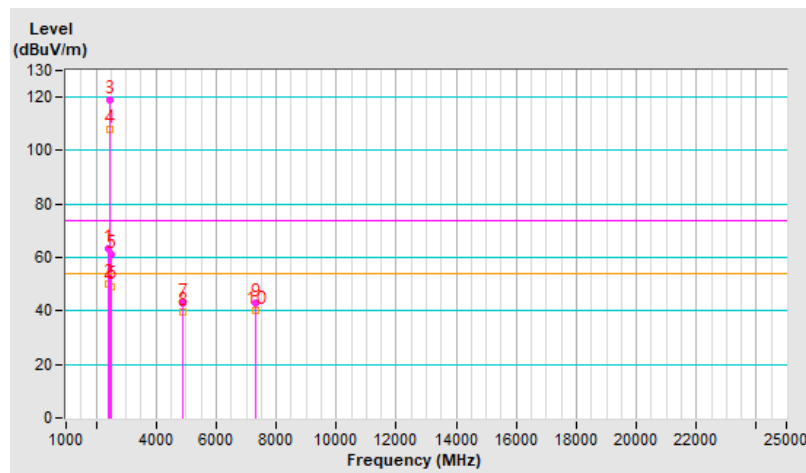


RF Mode	802.11ax (HE20)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	63.5 PK	74.0	-10.5	2.46 H	15	63.6	-0.1
2	2390.00	50.2 AV	54.0	-3.8	2.46 H	15	50.3	-0.1
3	*2437.00	118.9 PK			2.46 H	15	119.0	-0.1
4	*2437.00	108.1 AV			2.46 H	15	108.2	-0.1
5	2483.50	61.2 PK	74.0	-12.8	2.46 H	15	61.5	-0.3
6	2483.50	49.3 AV	54.0	-4.7	2.46 H	15	49.6	-0.3
7	4874.00	42.9 PK	74.0	-31.1	2.03 H	65	38.3	4.6
8	4874.00	39.6 AV	54.0	-14.4	2.03 H	65	35.0	4.6
9	7311.00	42.7 PK	74.0	-31.3	1.94 H	263	31.4	11.3
10	7311.00	40.0 AV	54.0	-14.0	1.94 H	263	28.7	11.3

Remarks:

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

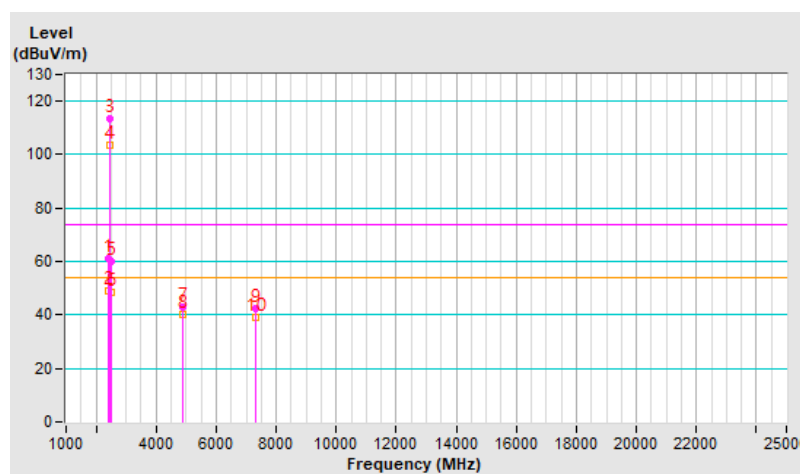


RF Mode	802.11ax (HE20)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	61.2 PK	74.0	-12.8	2.77 V	93	61.3	-0.1
2	2390.00	49.1 AV	54.0	-4.9	2.77 V	93	49.2	-0.1
3	*2437.00	113.6 PK			2.77 V	93	113.7	-0.1
4	*2437.00	103.5 AV			2.77 V	93	103.6	-0.1
5	2483.50	60.2 PK	74.0	-13.8	2.77 V	93	60.5	-0.3
6	2483.50	48.5 AV	54.0	-5.5	2.77 V	93	48.8	-0.3
7	4874.00	42.7 PK	74.0	-31.3	2.32 V	354	38.1	4.6
8	4874.00	40.1 AV	54.0	-13.9	2.32 V	354	35.5	4.6
9	7311.00	42.2 PK	74.0	-31.8	1.48 V	332	30.9	11.3
10	7311.00	39.2 AV	54.0	-14.8	1.48 V	332	27.9	11.3

Remarks:

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

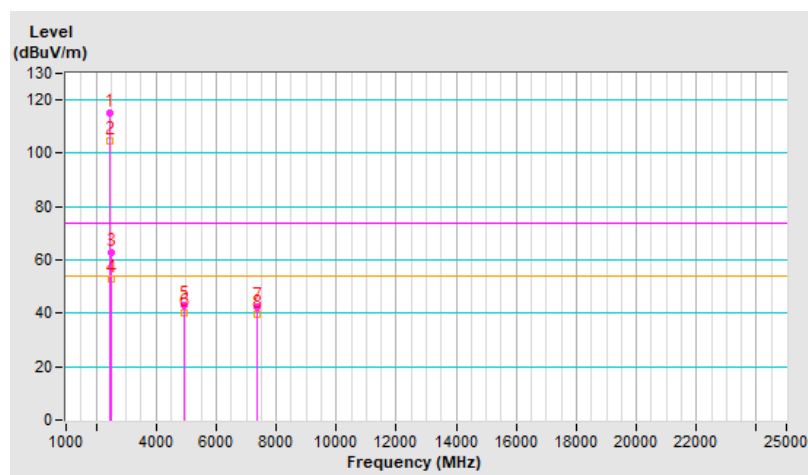


RF Mode	802.11ax (HE20)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	115.3 PK			2.42 H	19	115.6	-0.3
2	*2462.00	104.5 AV			2.42 H	19	104.8	-0.3
3	2483.50	62.8 PK	74.0	-11.2	2.42 H	19	63.1	-0.3
4	2483.50	53.1 AV	54.0	-0.9	2.42 H	19	53.4	-0.3
5	4924.00	43.1 PK	74.0	-30.9	2.14 H	44	38.4	4.7
6	4924.00	40.1 AV	54.0	-13.9	2.14 H	44	35.4	4.7
7	7386.00	42.3 PK	74.0	-31.7	2.01 H	290	30.4	11.9
8	7386.00	39.8 AV	54.0	-14.2	2.01 H	290	27.9	11.9

Remarks:

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

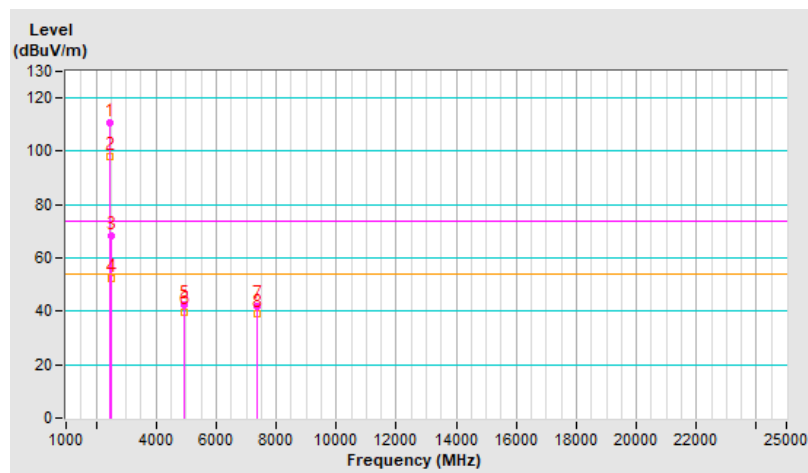


RF Mode	802.11ax (HE20)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	110.6 PK			2.74 V	91	110.9	-0.3
2	*2462.00	98.1 AV			2.74 V	91	98.4	-0.3
3	2483.50	68.2 PK	74.0	-5.8	2.74 V	91	68.5	-0.3
4	2483.50	52.5 AV	54.0	-1.5	2.74 V	91	52.8	-0.3
5	4924.00	42.6 PK	74.0	-31.4	2.24 V	360	37.9	4.7
6	4924.00	39.9 AV	54.0	-14.1	2.24 V	360	35.2	4.7
7	7386.00	42.1 PK	74.0	-31.9	1.44 V	307	30.2	11.9
8	7386.00	38.9 AV	54.0	-15.1	1.44 V	307	27.0	11.9

Remarks:

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

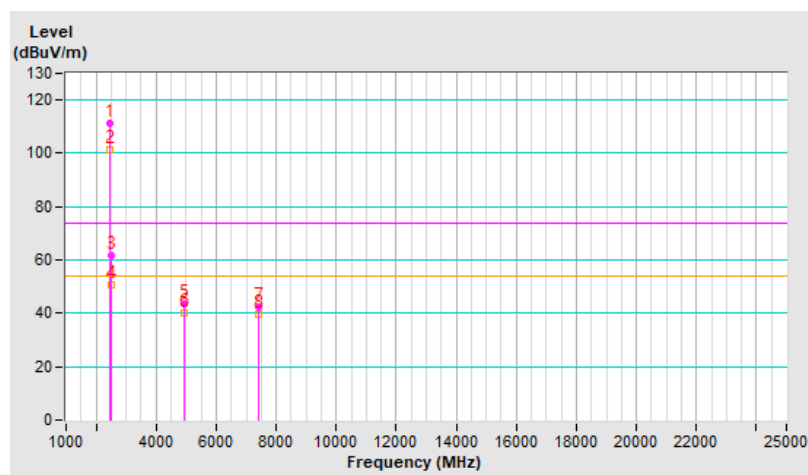


RF Mode	802.11ax (HE20)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	111.5 PK			2.44 H	11	111.8	-0.3
2	*2467.00	101.3 AV			2.44 H	11	101.6	-0.3
3	2483.50	61.6 PK	74.0	-12.4	2.44 H	11	61.9	-0.3
4	2483.50	50.6 AV	54.0	-3.4	2.44 H	11	50.9	-0.3
5	4934.00	43.5 PK	74.0	-30.5	2.12 H	36	38.8	4.7
6	4934.00	40.2 AV	54.0	-13.8	2.12 H	36	35.5	4.7
7	7401.00	42.4 PK	74.0	-31.6	2.02 H	268	30.4	12.0
8	7401.00	39.8 AV	54.0	-14.2	2.02 H	268	27.8	12.0

Remarks:

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

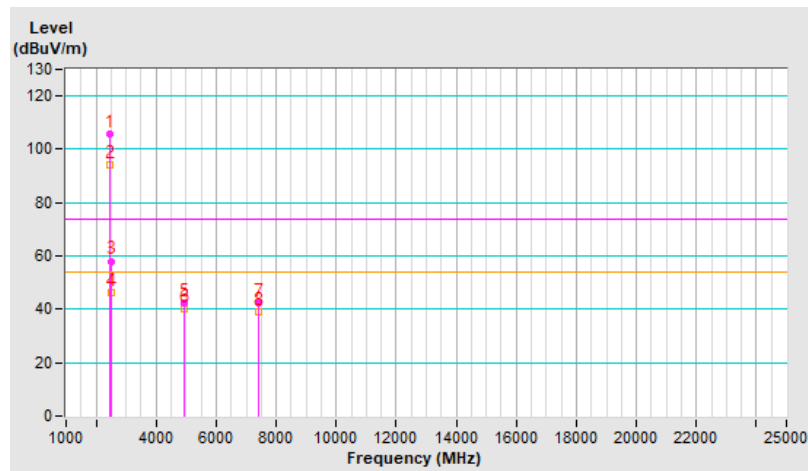


RF Mode	802.11ax (HE20)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	105.6 PK			2.71 V	90	105.9	-0.3
2	*2467.00	94.3 AV			2.71 V	90	94.6	-0.3
3	2483.50	58.1 PK	74.0	-15.9	2.71 V	90	58.4	-0.3
4	2483.50	46.5 AV	54.0	-7.5	2.71 V	90	46.8	-0.3
5	4934.00	42.4 PK	74.0	-31.6	2.26 V	340	37.7	4.7
6	4934.00	40.0 AV	54.0	-14.0	2.26 V	340	35.3	4.7
7	7401.00	42.2 PK	74.0	-31.8	1.48 V	308	30.2	12.0
8	7401.00	39.2 AV	54.0	-14.8	1.48 V	308	27.2	12.0

Remarks:

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

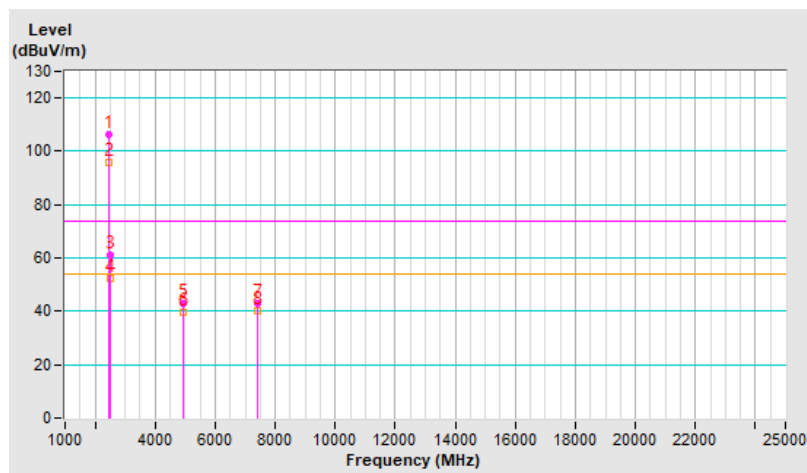


RF Mode	802.11ax (HE20)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	106.2 PK			2.48 H	26	106.5	-0.3
2	*2472.00	95.9 AV			2.48 H	26	96.2	-0.3
3	2483.50	60.9 PK	74.0	-13.1	2.48 H	26	61.2	-0.3
4	2483.50	52.5 AV	54.0	-1.5	2.48 H	26	52.8	-0.3
5	4944.00	43.1 PK	74.0	-30.9	2.06 H	38	38.3	4.8
6	4944.00	39.8 AV	54.0	-14.2	2.06 H	38	35.0	4.8
7	7416.00	42.8 PK	74.0	-31.2	1.98 H	260	30.8	12.0
8	7416.00	40.1 AV	54.0	-13.9	1.98 H	260	28.1	12.0

Remarks:

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

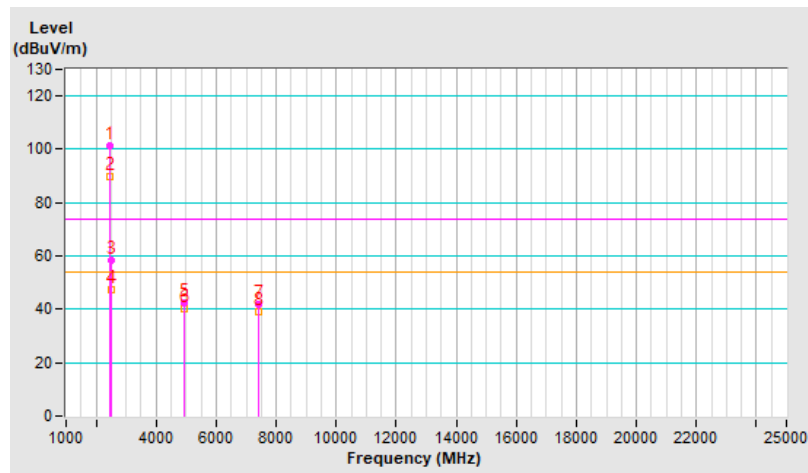


RF Mode	802.11ax (HE20)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	101.3 PK			2.74 V	89	101.6	-0.3
2	*2472.00	89.6 AV			2.74 V	89	89.9	-0.3
3	2483.50	58.6 PK	74.0	-15.4	2.74 V	89	58.9	-0.3
4	2483.50	47.6 AV	54.0	-6.4	2.74 V	89	47.9	-0.3
5	4944.00	42.4 PK	74.0	-31.6	2.33 V	353	37.6	4.8
6	4944.00	40.0 AV	54.0	-14.0	2.33 V	353	35.2	4.8
7	7416.00	41.8 PK	74.0	-32.2	1.44 V	334	29.8	12.0
8	7416.00	39.0 AV	54.0	-15.0	1.44 V	334	27.0	12.0

Remarks:

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

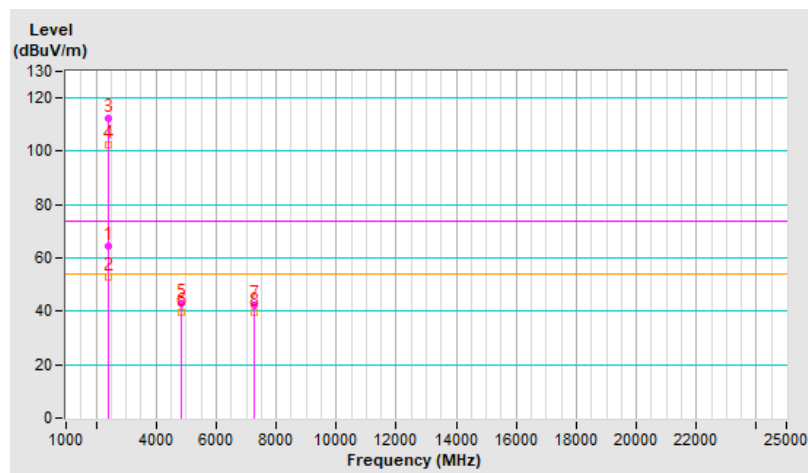


RF Mode	802.11ax (HE40)	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	64.5 PK	74.0	-9.5	2.34 H	27	64.6	-0.1
2	2390.00	52.8 AV	54.0	-1.2	2.34 H	27	52.9	-0.1
3	*2422.00	112.3 PK			2.34 H	27	112.4	-0.1
4	*2422.00	102.3 AV			2.34 H	27	102.4	-0.1
5	4844.00	42.8 PK	74.0	-31.2	2.11 H	46	38.3	4.5
6	4844.00	39.7 AV	54.0	-14.3	2.11 H	46	35.2	4.5
7	7266.00	42.5 PK	74.0	-31.5	1.91 H	263	31.2	11.3
8	7266.00	39.7 AV	54.0	-14.3	1.91 H	263	28.4	11.3

Remarks:

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

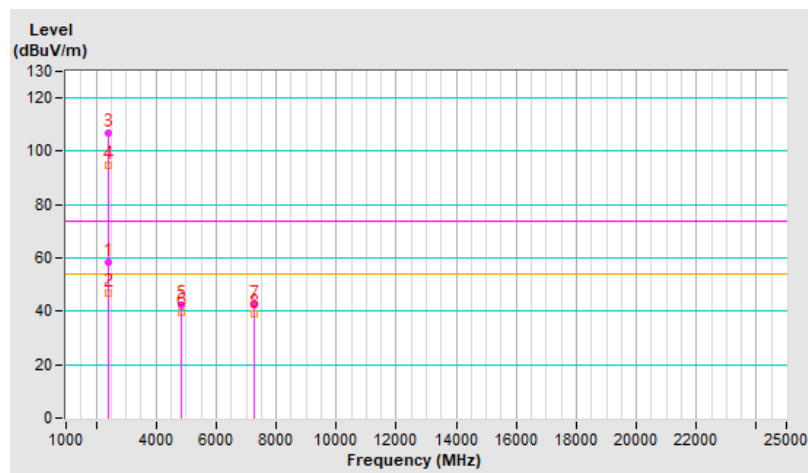


RF Mode	802.11ax (HE40)	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	2.46 V	75	58.4	-0.1
2	2390.00	46.6 AV	54.0	-7.4	2.46 V	75	46.7	-0.1
3	*2422.00	106.9 PK			2.46 V	75	107.0	-0.1
4	*2422.00	94.6 AV			2.46 V	75	94.7	-0.1
5	4844.00	42.3 PK	74.0	-31.7	2.27 V	360	37.8	4.5
6	4844.00	39.7 AV	54.0	-14.3	2.27 V	360	35.2	4.5
7	7266.00	42.2 PK	74.0	-31.8	1.53 V	317	30.9	11.3
8	7266.00	39.2 AV	54.0	-14.8	1.53 V	317	27.9	11.3

Remarks:

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

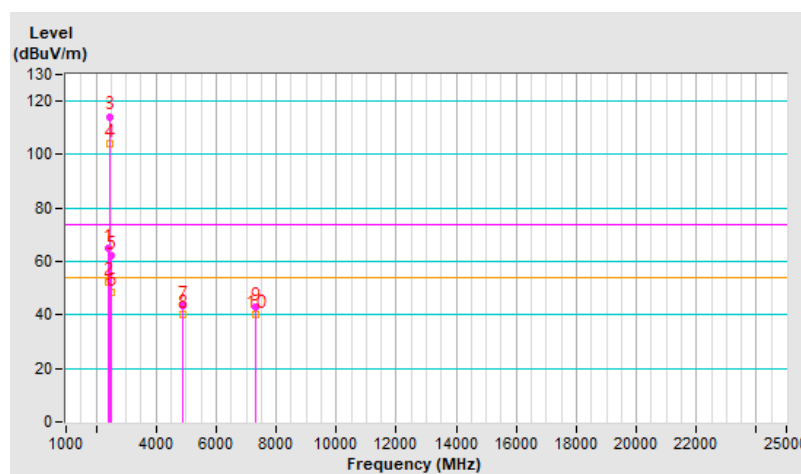


RF Mode	802.11ax (HE40)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	65.2 PK	74.0	-8.8	2.35 H	41	65.3	-0.1
2	2390.00	52.1 AV	54.0	-1.9	2.35 H	41	52.2	-0.1
3	*2437.00	114.3 PK			2.35 H	41	114.4	-0.1
4	*2437.00	104.0 AV			2.35 H	41	104.1	-0.1
5	2483.50	62.0 PK	74.0	-12.0	2.35 H	41	62.3	-0.3
6	2483.50	48.3 AV	54.0	-5.7	2.35 H	41	48.6	-0.3
7	4874.00	43.4 PK	74.0	-30.6	2.07 H	46	38.8	4.6
8	4874.00	40.1 AV	54.0	-13.9	2.07 H	46	35.5	4.6
9	7311.00	43.0 PK	74.0	-31.0	1.99 H	282	31.7	11.3
10	7311.00	40.1 AV	54.0	-13.9	1.99 H	282	28.8	11.3

Remarks:

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

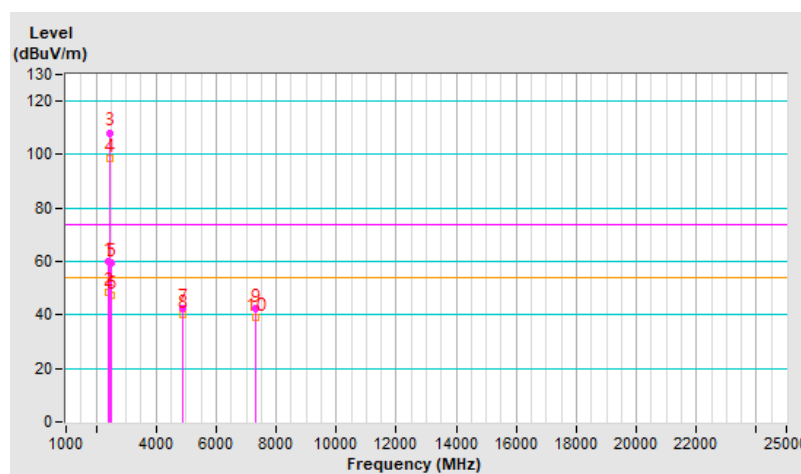


RF Mode	802.11ax (HE40)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	60.1 PK	74.0	-13.9	2.47 V	73	60.2	-0.1
2	2390.00	48.3 AV	54.0	-5.7	2.47 V	73	48.4	-0.1
3	*2437.00	108.2 PK			2.47 V	73	108.3	-0.1
4	*2437.00	98.5 AV			2.47 V	73	98.6	-0.1
5	2483.50	59.5 PK	74.0	-14.5	2.47 V	73	59.8	-0.3
6	2483.50	47.6 AV	54.0	-6.4	2.47 V	73	47.9	-0.3
7	4874.00	42.6 PK	74.0	-31.4	2.30 V	354	38.0	4.6
8	4874.00	40.1 AV	54.0	-13.9	2.30 V	354	35.5	4.6
9	7311.00	42.3 PK	74.0	-31.7	1.50 V	330	31.0	11.3
10	7311.00	39.3 AV	54.0	-14.7	1.50 V	330	28.0	11.3

Remarks:

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

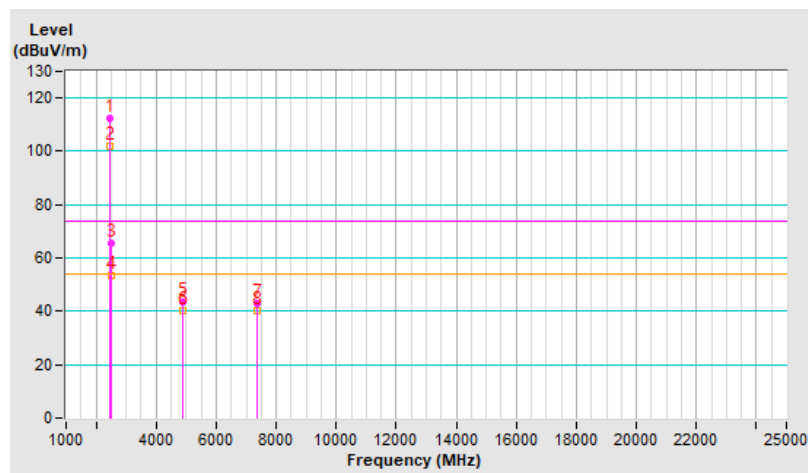


RF Mode	802.11ax (HE40)	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	112.6 PK			2.39 H	37	112.9	-0.3
2	*2452.00	101.9 AV			2.39 H	37	102.2	-0.3
3	2483.50	65.4 PK	74.0	-8.6	2.39 H	37	65.7	-0.3
4	2483.50	53.6 AV	54.0	-0.4	2.39 H	37	53.9	-0.3
5	4904.00	43.4 PK	74.0	-30.6	2.03 H	57	38.8	4.6
6	4904.00	40.3 AV	54.0	-13.7	2.03 H	57	35.7	4.6
7	7356.00	42.9 PK	74.0	-31.1	1.93 H	279	31.4	11.5
8	7356.00	40.2 AV	54.0	-13.8	1.93 H	279	28.7	11.5

Remarks:

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

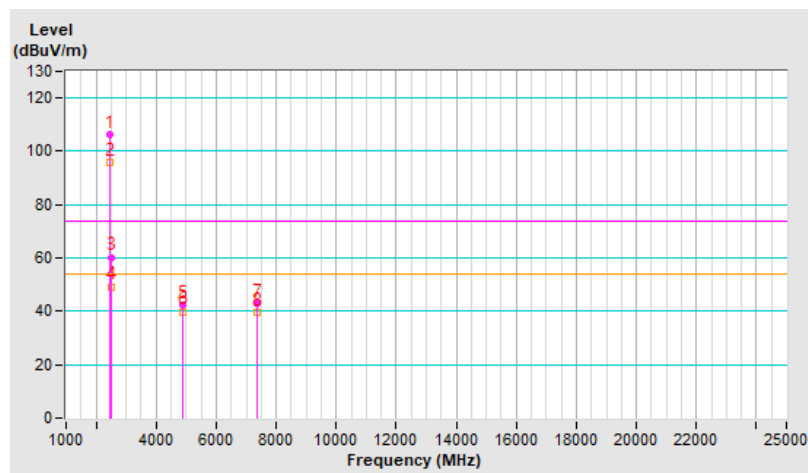


RF Mode	802.11ax (HE40)	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	106.3 PK			2.41 V	73	106.6	-0.3
2	*2452.00	95.6 AV			2.41 V	73	95.9	-0.3
3	2483.50	60.3 PK	74.0	-13.7	2.41 V	73	60.6	-0.3
4	2483.50	49.3 AV	54.0	-4.7	2.41 V	73	49.6	-0.3
5	4904.00	42.5 PK	74.0	-31.5	2.26 V	360	37.9	4.6
6	4904.00	39.9 AV	54.0	-14.1	2.26 V	360	35.3	4.6
7	7356.00	42.9 PK	74.0	-31.1	1.44 V	314	31.4	11.5
8	7356.00	39.5 AV	54.0	-14.5	1.44 V	314	28.0	11.5

Remarks:

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

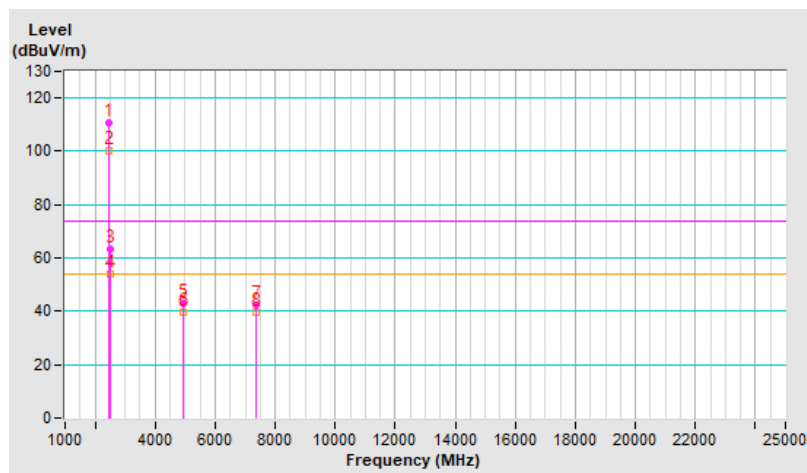


RF Mode	802.11ax (HE40)	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	110.6 PK			2.31 H	11	110.9	-0.3
2	*2457.00	100.2 AV			2.31 H	11	100.5	-0.3
3	2483.50	63.5 PK	74.0	-10.5	2.31 H	11	63.8	-0.3
4	2483.50	53.8 AV	54.0	-0.2	2.31 H	11	54.1	-0.3
5	4914.00	42.8 PK	74.0	-31.2	2.07 H	44	38.1	4.7
6	4914.00	39.4 AV	54.0	-14.6	2.07 H	44	34.7	4.7
7	7371.00	42.2 PK	74.0	-31.8	1.96 H	288	30.6	11.6
8	7371.00	39.6 AV	54.0	-14.4	1.96 H	288	28.0	11.6

Remarks:

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

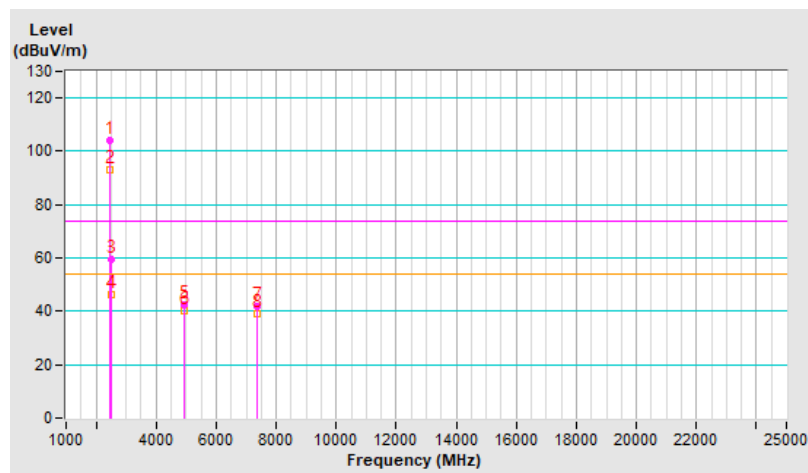


RF Mode	802.11ax (HE40)	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	104.3 PK			2.42 V	75	104.6	-0.3
2	*2457.00	93.1 AV			2.42 V	75	93.4	-0.3
3	2483.50	59.3 PK	74.0	-14.7	2.42 V	75	59.6	-0.3
4	2483.50	46.2 AV	54.0	-7.8	2.42 V	75	46.5	-0.3
5	4914.00	42.4 PK	74.0	-31.6	2.25 V	341	37.7	4.7
6	4914.00	40.0 AV	54.0	-14.0	2.25 V	341	35.3	4.7
7	7371.00	42.0 PK	74.0	-32.0	1.53 V	314	30.4	11.6
8	7371.00	39.1 AV	54.0	-14.9	1.53 V	314	27.5	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

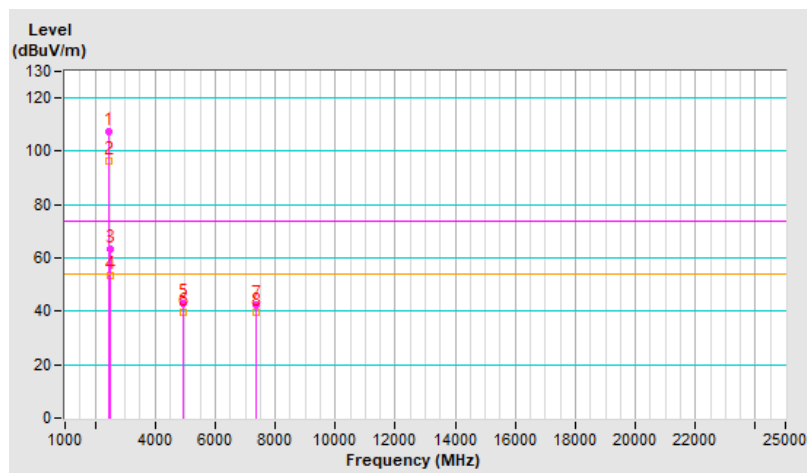


RF Mode	802.11ax (HE40)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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			2.36 H	30	107.6	-0.3
2	*2462.00	96.3 AV			2.36 H	30	96.6	-0.3
3	2483.50	63.5 PK	74.0	-10.5	2.36 H	30	63.8	-0.3
4	2483.50	53.5 AV	54.0	-0.5	2.36 H	30	53.8	-0.3
5	4924.00	42.8 PK	74.0	-31.2	2.05 H	49	38.1	4.7
6	4924.00	39.4 AV	54.0	-14.6	2.05 H	49	34.7	4.7
7	7386.00	42.4 PK	74.0	-31.6	2.00 H	288	30.5	11.9
8	7386.00	39.5 AV	54.0	-14.5	2.00 H	288	27.6	11.9

Remarks:

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

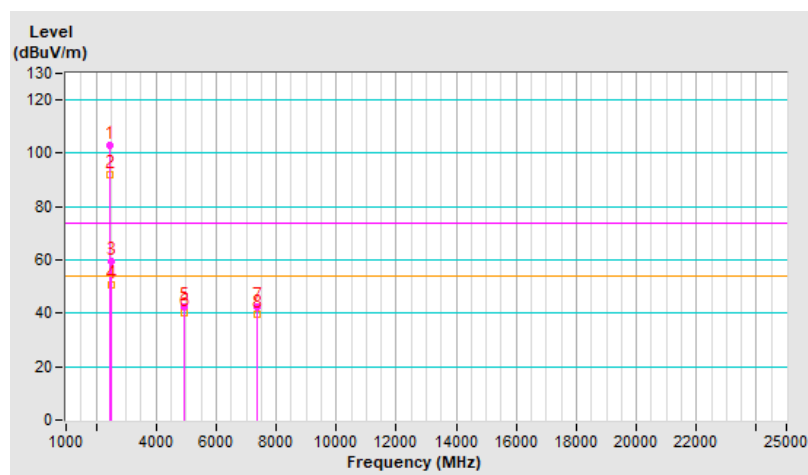


RF Mode	802.11ax (HE40)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 63 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	103.2 PK			2.43 V	73	103.5	-0.3
2	*2462.00	92.1 AV			2.43 V	73	92.4	-0.3
3	2483.50	59.3 PK	74.0	-14.7	2.43 V	73	59.6	-0.3
4	2483.50	50.6 AV	54.0	-3.4	2.43 V	73	50.9	-0.3
5	4924.00	42.6 PK	74.0	-31.4	2.27 V	350	37.9	4.7
6	4924.00	40.1 AV	54.0	-13.9	2.27 V	350	35.4	4.7
7	7386.00	42.3 PK	74.0	-31.7	1.47 V	328	30.4	11.9
8	7386.00	39.5 AV	54.0	-14.5	1.47 V	328	27.6	11.9

Remarks:

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

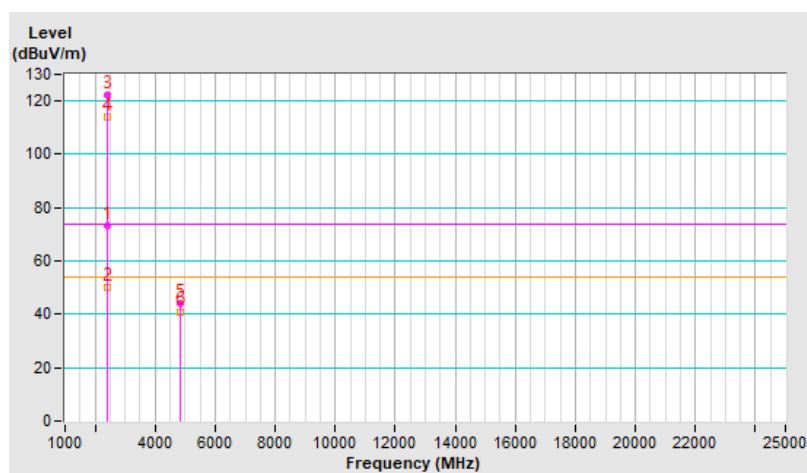


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 65 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	73.4 PK	74.0	-0.6	2.27 H	18	73.5	-0.1
2	2390.00	50.1 AV	54.0	-3.9	2.27 H	18	50.2	-0.1
3	*2412.00	122.1 PK			2.27 H	18	122.3	-0.2
4	*2412.00	113.9 AV			2.27 H	18	114.1	-0.2
5	4824.00	44.2 PK	74.0	-29.8	1.99 H	59	39.7	4.5
6	4824.00	41.0 AV	54.0	-13.0	1.99 H	59	36.5	4.5

Remarks:

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

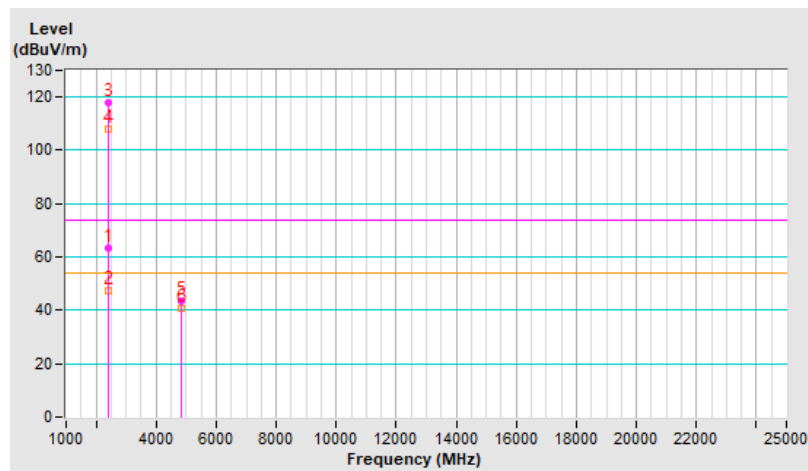


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 65 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	63.5 PK	74.0	-10.5	3.64 V	115	63.6	-0.1
2	2390.00	47.6 AV	54.0	-6.4	3.64 V	115	47.7	-0.1
3	*2412.00	117.9 PK			3.64 V	115	118.1	-0.2
4	*2412.00	107.9 AV			3.64 V	115	108.1	-0.2
5	4824.00	43.7 PK	74.0	-30.3	2.28 V	338	39.2	4.5
6	4824.00	40.6 AV	54.0	-13.4	2.28 V	338	36.1	4.5

Remarks:

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

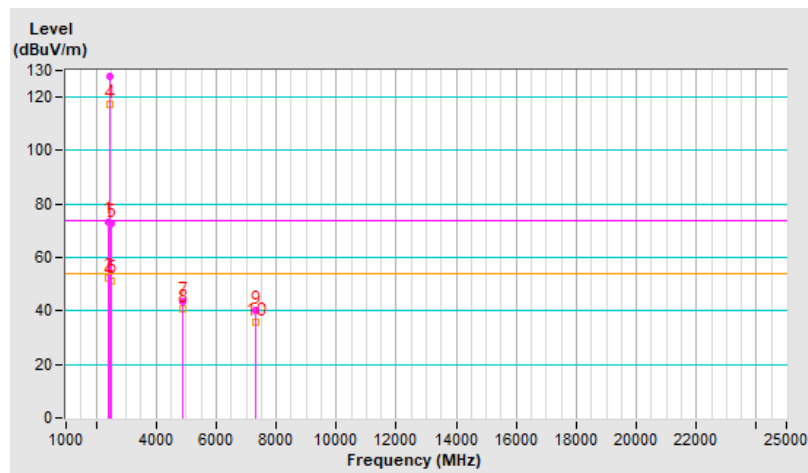


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 65 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	73.5 PK	74.0	-0.5	2.31 H	25	73.6	-0.1
2	2390.00	52.3 AV	54.0	-1.7	2.31 H	25	52.4	-0.1
3	*2437.00	127.6 PK			2.31 H	25	127.7	-0.1
4	*2437.00	117.5 AV			2.31 H	25	117.6	-0.1
5	2483.50	72.5 PK	74.0	-1.5	2.31 H	25	72.8	-0.3
6	2483.50	51.5 AV	54.0	-2.5	2.31 H	25	51.8	-0.3
7	4874.00	43.6 PK	74.0	-30.4	2.03 H	67	39.0	4.6
8	4874.00	40.6 AV	54.0	-13.4	2.03 H	67	36.0	4.6
9	7311.00	40.3 PK	74.0	-33.7	2.02 H	290	29.0	11.3
10	7311.00	35.6 AV	54.0	-18.4	2.02 H	290	24.3	11.3

Remarks:

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

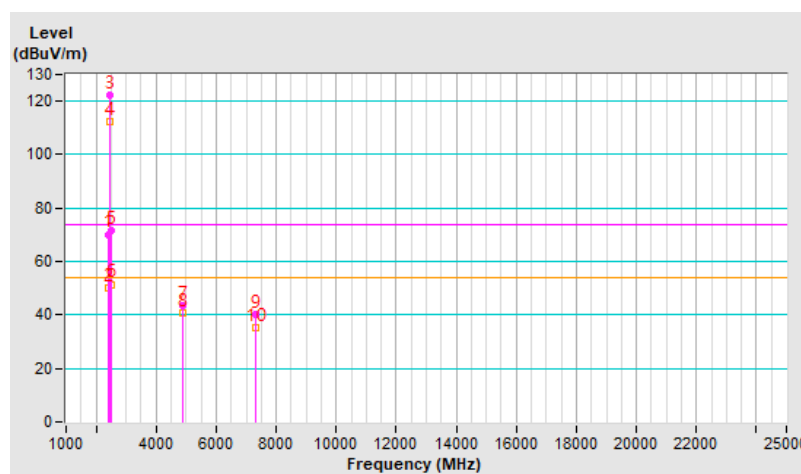


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 65 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	70.2 PK	74.0	-3.8	2.63 V	82	70.3	-0.1
2	2390.00	50.3 AV	54.0	-3.7	2.63 V	82	50.4	-0.1
3	*2437.00	122.5 PK			2.63 V	82	122.6	-0.1
4	*2437.00	112.6 AV			2.63 V	82	112.7	-0.1
5	2483.50	71.5 PK	74.0	-2.5	2.63 V	82	71.8	-0.3
6	2483.50	51.5 AV	54.0	-2.5	2.63 V	82	51.8	-0.3
7	4874.00	43.7 PK	74.0	-30.3	2.26 V	343	39.1	4.6
8	4874.00	40.9 AV	54.0	-13.1	2.26 V	343	36.3	4.6
9	7311.00	40.2 PK	74.0	-33.8	1.42 V	326	28.9	11.3
10	7311.00	35.4 AV	54.0	-18.6	1.42 V	326	24.1	11.3

Remarks:

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

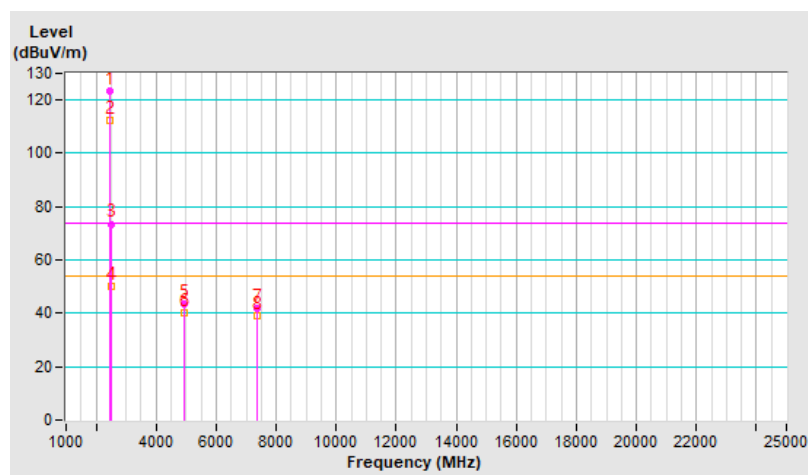


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 65 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	123.2 PK			1.96 H	14	123.5	-0.3
2	*2462.00	112.5 AV			1.96 H	14	112.8	-0.3
3	2483.50	73.5 PK	74.0	-0.5	1.96 H	14	73.8	-0.3
4	2483.50	50.3 AV	54.0	-3.7	1.96 H	14	50.6	-0.3
5	4924.00	43.6 PK	74.0	-30.4	2.11 H	38	38.9	4.7
6	4924.00	40.3 AV	54.0	-13.7	2.11 H	38	35.6	4.7
7	7386.00	41.7 PK	74.0	-32.3	1.94 H	291	29.8	11.9
8	7386.00	39.1 AV	54.0	-14.9	1.94 H	291	27.2	11.9

Remarks:

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

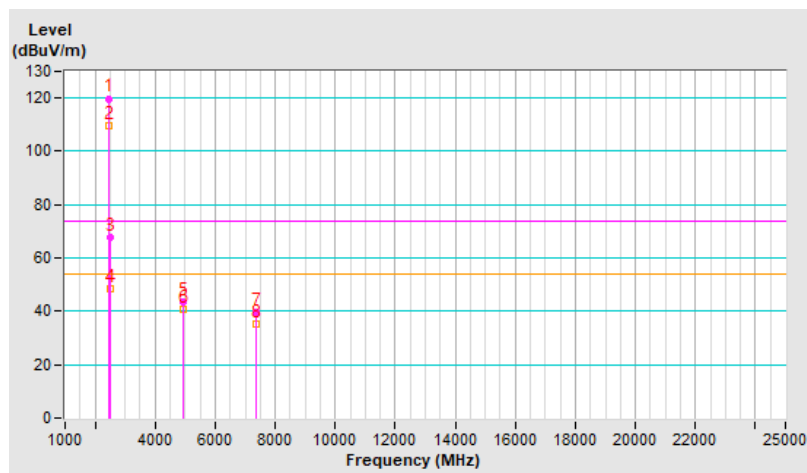


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 65 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	119.8 PK			2.68 V	80	120.1	-0.3
2	*2462.00	109.5 AV			2.68 V	80	109.8	-0.3
3	2483.50	67.5 PK	74.0	-6.5	2.68 V	80	67.8	-0.3
4	2483.50	48.5 AV	54.0	-5.5	2.68 V	80	48.8	-0.3
5	4924.00	43.5 PK	74.0	-30.5	2.26 V	345	38.8	4.7
6	4924.00	40.5 AV	54.0	-13.5	2.26 V	345	35.8	4.7
7	7386.00	39.7 PK	74.0	-34.3	1.47 V	321	27.8	11.9
8	7386.00	35.2 AV	54.0	-18.8	1.47 V	321	23.3	11.9

Remarks:

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

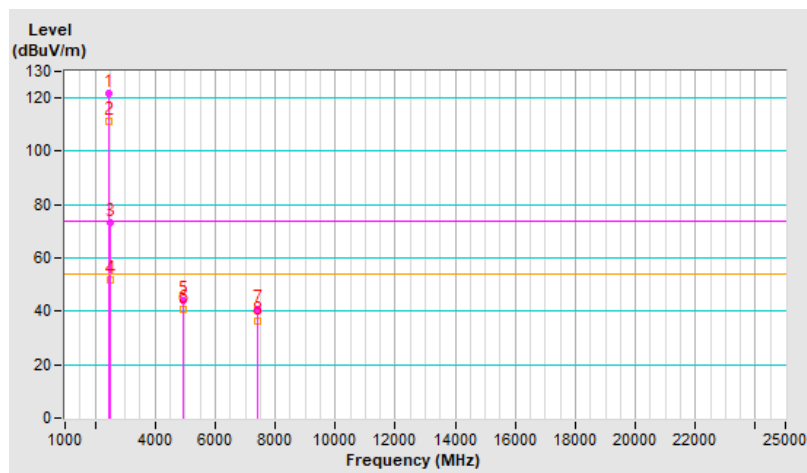


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 65 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	121.5 PK			1.97 H	15	121.8	-0.3
2	*2467.00	111.3 AV			1.97 H	15	111.6	-0.3
3	2483.50	73.1 PK	74.0	-0.9	1.97 H	15	73.4	-0.3
4	2483.50	51.8 AV	54.0	-2.2	1.97 H	15	52.1	-0.3
5	4934.00	43.9 PK	74.0	-30.1	1.98 H	75	39.2	4.7
6	4934.00	40.9 AV	54.0	-13.1	1.98 H	75	36.2	4.7
7	7401.00	40.7 PK	74.0	-33.3	2.06 H	285	28.7	12.0
8	7401.00	36.1 AV	54.0	-17.9	2.06 H	285	24.1	12.0

Remarks:

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

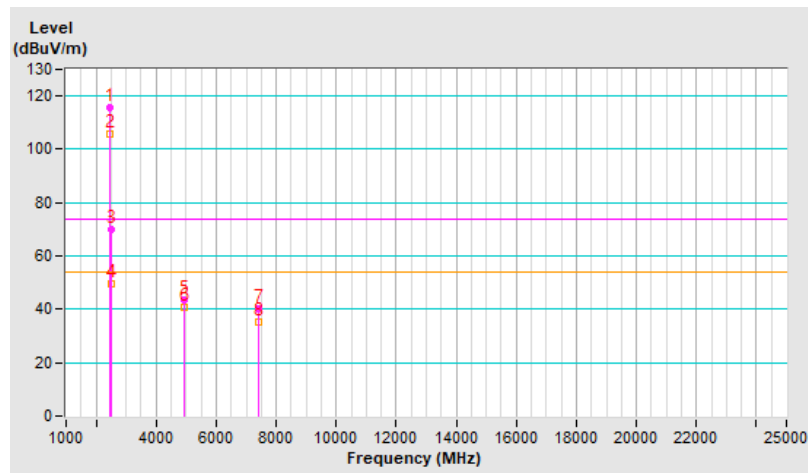


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 65 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	115.6 PK			3.62 V	84	115.9	-0.3
2	*2467.00	105.5 AV			3.62 V	84	105.8	-0.3
3	2483.50	69.8 PK	74.0	-4.2	3.62 V	84	70.1	-0.3
4	2483.50	49.6 AV	54.0	-4.4	3.62 V	84	49.9	-0.3
5	4934.00	43.4 PK	74.0	-30.6	2.31 V	329	38.7	4.7
6	4934.00	40.5 AV	54.0	-13.5	2.31 V	329	35.8	4.7
7	7401.00	40.1 PK	74.0	-33.9	1.45 V	341	28.1	12.0
8	7401.00	35.3 AV	54.0	-18.7	1.45 V	341	23.3	12.0

Remarks:

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

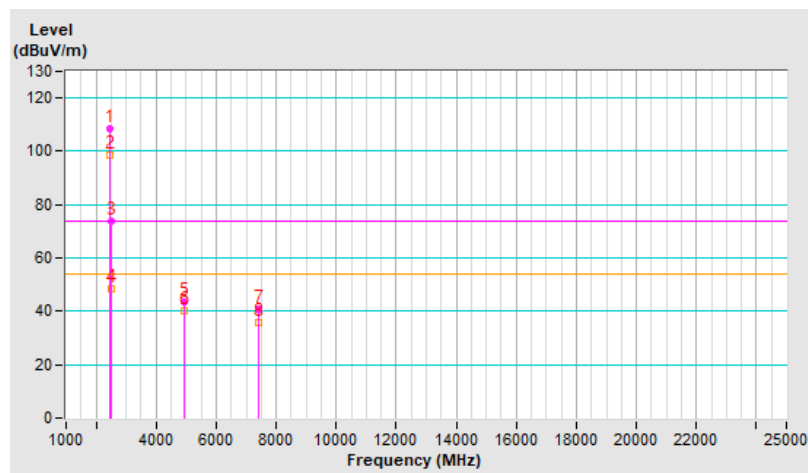


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 65 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	108.7 PK			1.95 H	17	109.0	-0.3
2	*2472.00	98.5 AV			1.95 H	17	98.8	-0.3
3	2483.50	73.7 PK	74.0	-0.3	1.95 H	17	74.0	-0.3
4	2483.50	48.3 AV	54.0	-5.7	1.95 H	17	48.6	-0.3
5	4944.00	43.4 PK	74.0	-30.6	1.98 H	80	38.6	4.8
6	4944.00	40.2 AV	54.0	-13.8	1.98 H	80	35.4	4.8
7	7416.00	40.6 PK	74.0	-33.4	2.05 H	283	28.6	12.0
8	7416.00	35.7 AV	54.0	-18.3	2.05 H	283	23.7	12.0

Remarks:

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

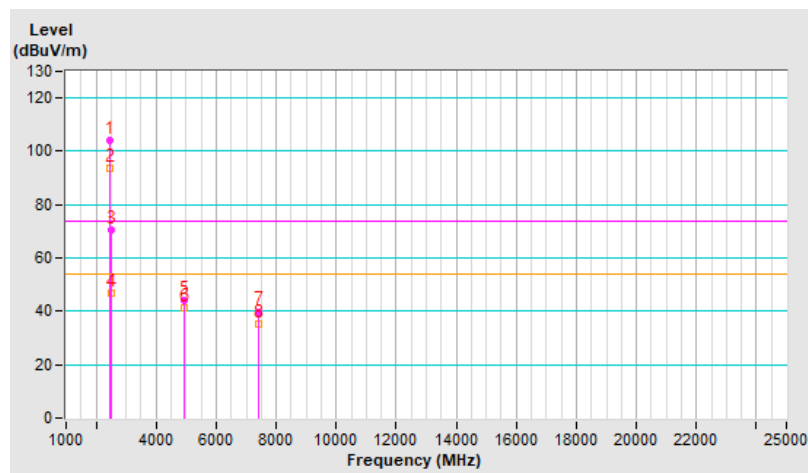


RF Mode	802.11ax (HE20) 26-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 65 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	104.1 PK			3.63 V	97	104.4	-0.3
2	*2472.00	93.8 AV			3.63 V	97	94.1	-0.3
3	2483.50	70.3 PK	74.0	-3.7	3.63 V	97	70.6	-0.3
4	2483.50	46.8 AV	54.0	-7.2	3.63 V	97	47.1	-0.3
5	4944.00	44.3 PK	74.0	-29.7	2.20 V	350	39.5	4.8
6	4944.00	41.3 AV	54.0	-12.7	2.20 V	350	36.5	4.8
7	7416.00	39.9 PK	74.0	-34.1	1.37 V	322	27.9	12.0
8	7416.00	35.0 AV	54.0	-19.0	1.37 V	322	23.0	12.0

Remarks:

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

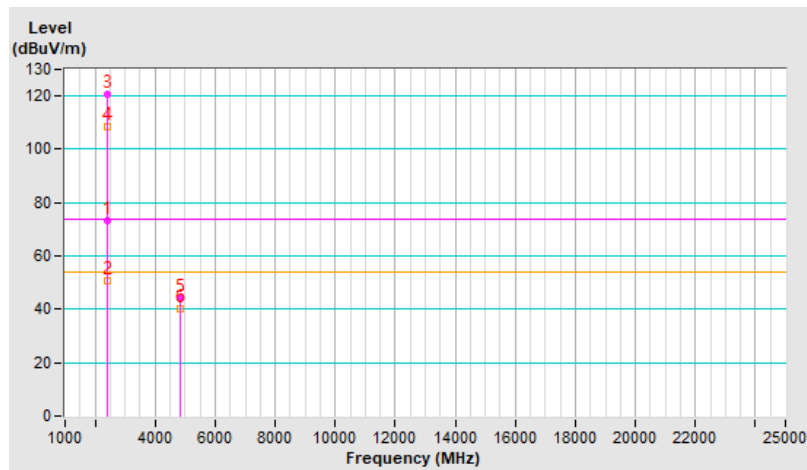


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	73.4 PK	74.0	-0.6	2.26 H	18	73.5	-0.1
2	2390.00	50.6 AV	54.0	-3.4	2.26 H	18	50.7	-0.1
3	*2412.00	120.6 PK			2.26 H	18	120.8	-0.2
4	*2412.00	108.7 AV			2.26 H	18	108.9	-0.2
5	4824.00	43.8 PK	74.0	-30.2	1.99 H	61	39.3	4.5
6	4824.00	40.4 AV	54.0	-13.6	1.99 H	61	35.9	4.5

Remarks:

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

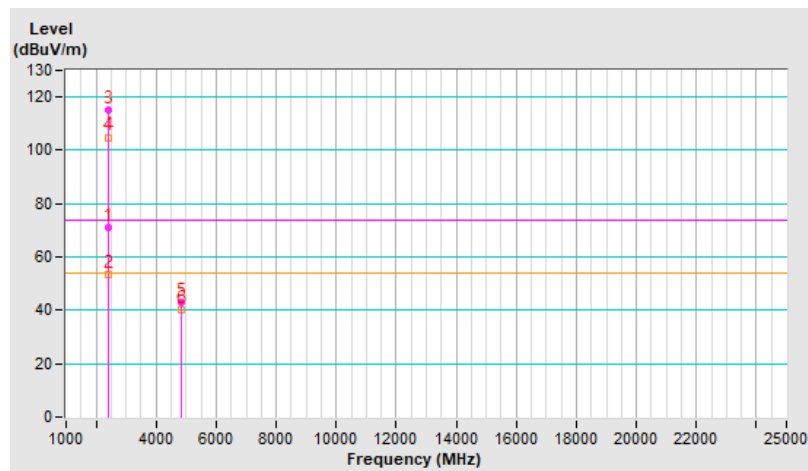


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	1.74 V	341	70.9	-0.1
2	2390.00	53.2 AV	54.0	-0.8	1.74 V	341	53.3	-0.1
3	*2412.00	115.2 PK			1.74 V	341	115.4	-0.2
4	*2412.00	104.9 AV			1.74 V	341	105.1	-0.2
5	4824.00	42.9 PK	74.0	-31.1	2.20 V	332	38.4	4.5
6	4824.00	40.3 AV	54.0	-13.7	2.20 V	332	35.8	4.5

Remarks:

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

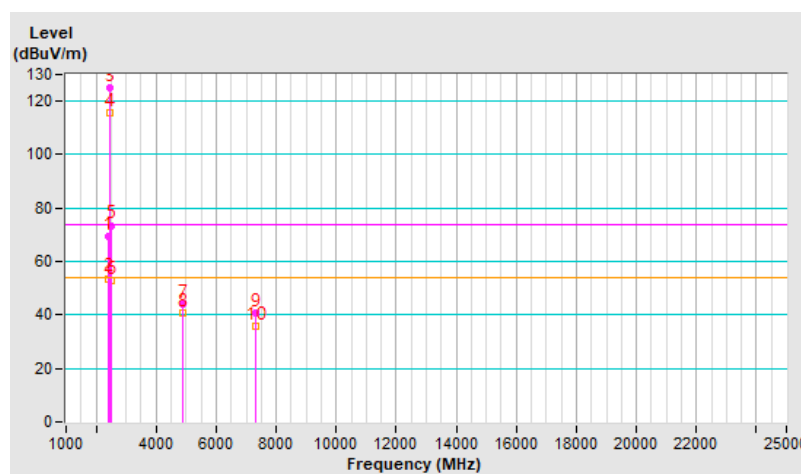


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	1.77 H	22	69.7	-0.1
2	2390.00	53.7 AV	54.0	-0.3	1.77 H	22	53.8	-0.1
3	*2437.00	125.1 PK			1.77 H	22	125.2	-0.1
4	*2437.00	115.9 AV			1.77 H	22	116.0	-0.1
5	2483.50	73.5 PK	74.0	-0.5	1.77 H	22	73.8	-0.3
6	2483.50	52.9 AV	54.0	-1.1	1.77 H	22	53.2	-0.3
7	4874.00	43.9 PK	74.0	-30.1	2.08 H	73	39.3	4.6
8	4874.00	40.8 AV	54.0	-13.2	2.08 H	73	36.2	4.6
9	7311.00	40.7 PK	74.0	-33.3	2.03 H	280	29.4	11.3
10	7311.00	35.8 AV	54.0	-18.2	2.03 H	280	24.5	11.3

Remarks:

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

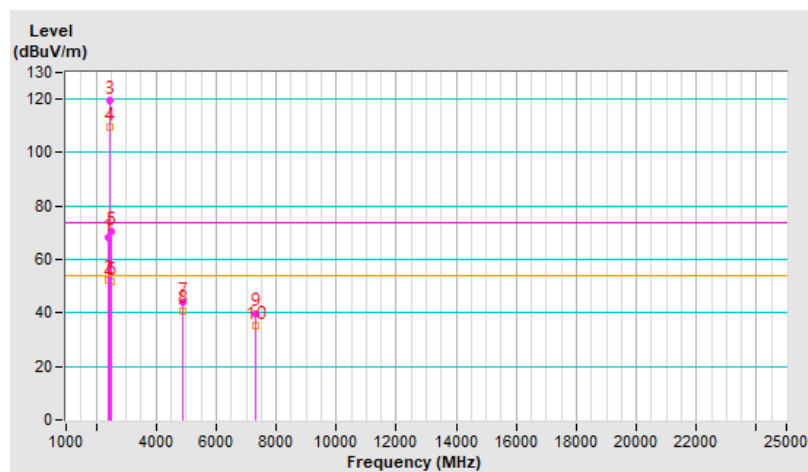


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	3.68 V	68	68.2	-0.1
2	2390.00	52.1 AV	54.0	-1.9	3.68 V	68	52.2	-0.1
3	*2437.00	119.3 PK			3.68 V	68	119.4	-0.1
4	*2437.00	109.5 AV			3.68 V	68	109.6	-0.1
5	2483.50	70.3 PK	74.0	-3.7	3.68 V	68	70.6	-0.3
6	2483.50	51.6 AV	54.0	-2.4	3.68 V	68	51.9	-0.3
7	4874.00	43.9 PK	74.0	-30.1	2.30 V	356	39.3	4.6
8	4874.00	41.0 AV	54.0	-13.0	2.30 V	356	36.4	4.6
9	7311.00	39.9 PK	74.0	-34.1	1.36 V	330	28.6	11.3
10	7311.00	35.2 AV	54.0	-18.8	1.36 V	330	23.9	11.3

Remarks:

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

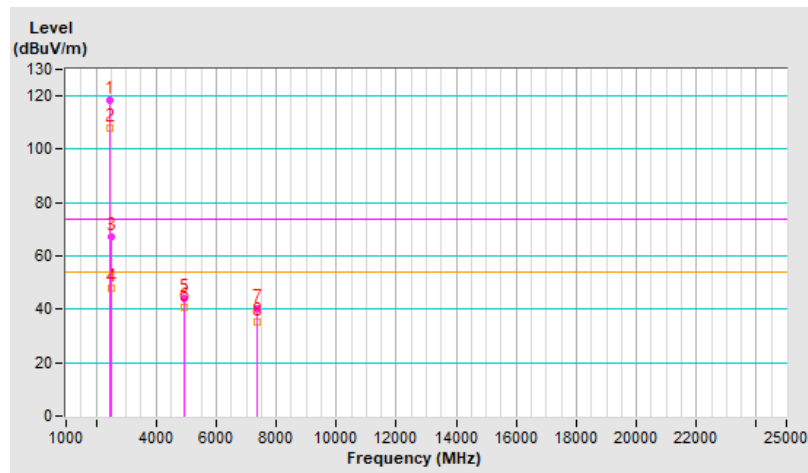


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	118.5 PK			2.27 H	17	118.8	-0.3
2	*2462.00	108.1 AV			2.27 H	17	108.4	-0.3
3	2483.50	67.3 PK	74.0	-6.7	2.27 H	17	67.6	-0.3
4	2483.50	47.9 AV	54.0	-6.1	2.27 H	17	48.2	-0.3
5	4924.00	43.8 PK	74.0	-30.2	2.02 H	54	39.1	4.7
6	4924.00	40.7 AV	54.0	-13.3	2.02 H	54	36.0	4.7
7	7386.00	40.2 PK	74.0	-33.8	1.98 H	285	28.3	11.9
8	7386.00	35.2 AV	54.0	-18.8	1.98 H	285	23.3	11.9

Remarks:

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

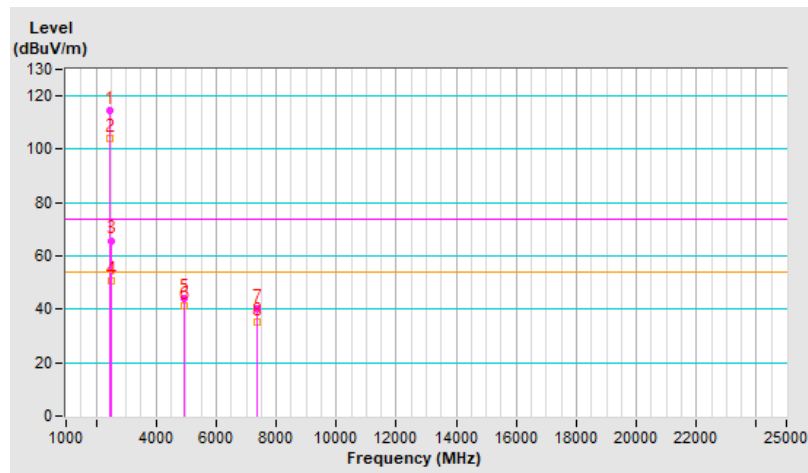


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	114.6 PK			1.76 V	338	114.9	-0.3
2	*2462.00	104.2 AV			1.76 V	338	104.5	-0.3
3	2483.50	65.8 PK	74.0	-8.2	1.76 V	338	66.1	-0.3
4	2483.50	50.6 AV	54.0	-3.4	1.76 V	338	50.9	-0.3
5	4924.00	44.2 PK	74.0	-29.8	2.27 V	356	39.5	4.7
6	4924.00	41.3 AV	54.0	-12.7	2.27 V	356	36.6	4.7
7	7386.00	40.0 PK	74.0	-34.0	1.34 V	346	28.1	11.9
8	7386.00	35.1 AV	54.0	-18.9	1.34 V	346	23.2	11.9

Remarks:

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

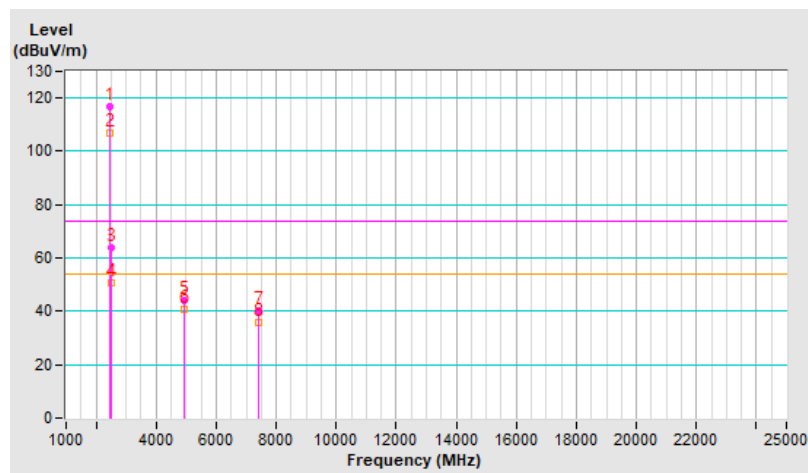


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	116.9 PK			2.24 H	15	117.2	-0.3
2	*2467.00	106.7 AV			2.24 H	15	107.0	-0.3
3	2483.50	63.8 PK	74.0	-10.2	2.24 H	15	64.1	-0.3
4	2483.50	50.7 AV	54.0	-3.3	2.24 H	15	51.0	-0.3
5	4934.00	43.9 PK	74.0	-30.1	1.97 H	76	39.2	4.7
6	4934.00	40.8 AV	54.0	-13.2	1.97 H	76	36.1	4.7
7	7401.00	40.4 PK	74.0	-33.6	2.00 H	288	28.4	12.0
8	7401.00	35.6 AV	54.0	-18.4	2.00 H	288	23.6	12.0

Remarks:

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

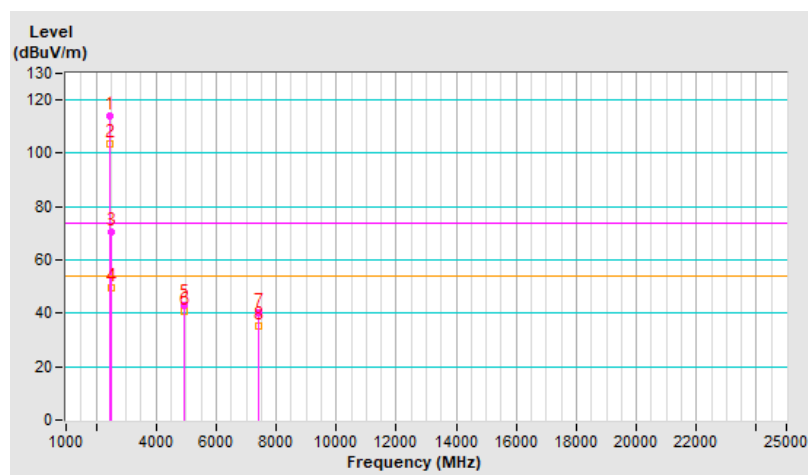


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	114.2 PK			1.76 V	327	114.5	-0.3
2	*2467.00	103.6 AV			1.76 V	327	103.9	-0.3
3	2483.50	70.5 PK	74.0	-3.5	1.76 V	327	70.8	-0.3
4	2483.50	49.8 AV	54.0	-4.2	1.76 V	327	50.1	-0.3
5	4934.00	43.2 PK	74.0	-30.8	2.21 V	333	38.5	4.7
6	4934.00	40.6 AV	54.0	-13.4	2.21 V	333	35.9	4.7
7	7401.00	40.2 PK	74.0	-33.8	1.40 V	316	28.2	12.0
8	7401.00	35.3 AV	54.0	-18.7	1.40 V	316	23.3	12.0

Remarks:

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

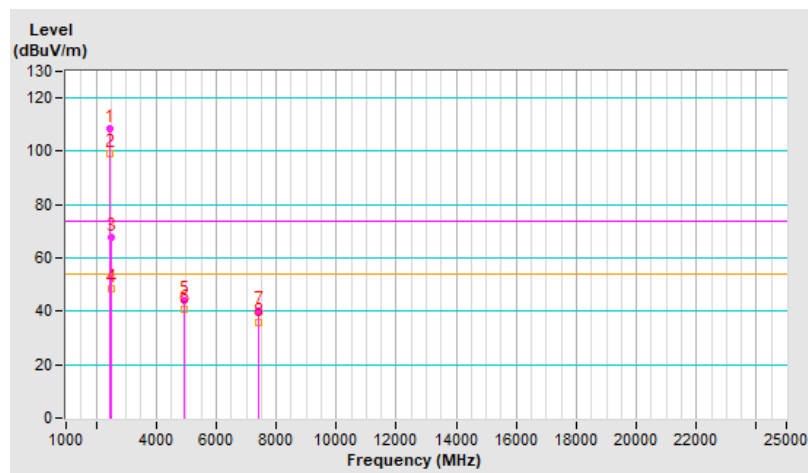


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	108.6 PK			2.22 H	9	108.9	-0.3
2	*2472.00	98.9 AV			2.22 H	9	99.2	-0.3
3	2483.50	67.5 PK	74.0	-6.5	2.22 H	9	67.8	-0.3
4	2483.50	48.3 AV	54.0	-5.7	2.22 H	9	48.6	-0.3
5	4944.00	43.8 PK	74.0	-30.2	1.99 H	53	39.0	4.8
6	4944.00	40.6 AV	54.0	-13.4	1.99 H	53	35.8	4.8
7	7416.00	40.4 PK	74.0	-33.6	2.02 H	303	28.4	12.0
8	7416.00	35.7 AV	54.0	-18.3	2.02 H	303	23.7	12.0

Remarks:

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

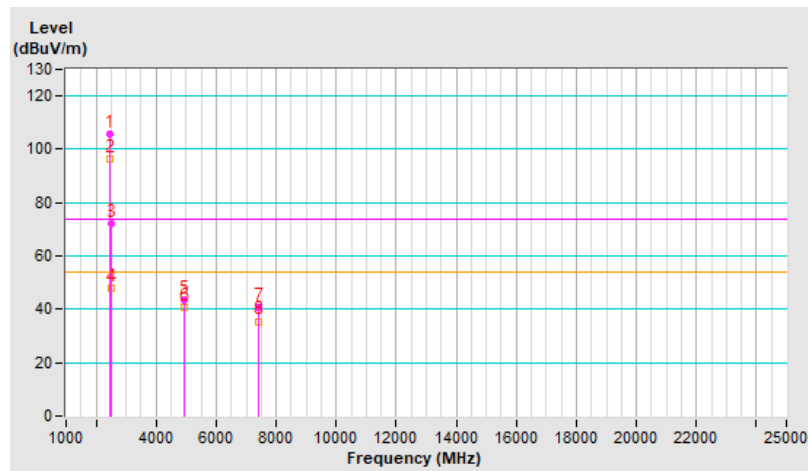


RF Mode	802.11ax (HE20) 52-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	105.6 PK			1.73 V	328	105.9	-0.3
2	*2472.00	96.5 AV			1.73 V	328	96.8	-0.3
3	2483.50	72.2 PK	74.0	-1.8	1.73 V	328	72.5	-0.3
4	2483.50	47.8 AV	54.0	-6.2	1.73 V	328	48.1	-0.3
5	4944.00	43.6 PK	74.0	-30.4	2.24 V	346	38.8	4.8
6	4944.00	40.9 AV	54.0	-13.1	2.24 V	346	36.1	4.8
7	7416.00	40.6 PK	74.0	-33.4	1.47 V	310	28.6	12.0
8	7416.00	35.5 AV	54.0	-18.5	1.47 V	310	23.5	12.0

Remarks:

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

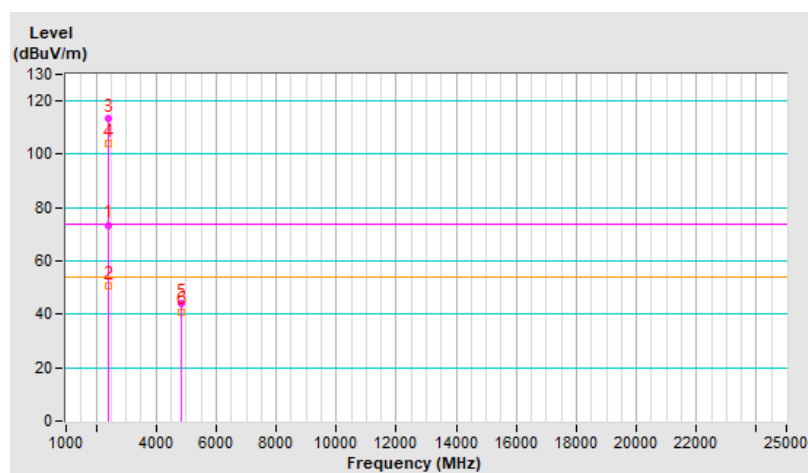


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	73.5 PK	74.0	-0.5	2.25 H	26	73.6	-0.1
2	2390.00	50.6 AV	54.0	-3.4	2.25 H	26	50.7	-0.1
3	*2412.00	113.6 PK			2.25 H	26	113.8	-0.2
4	*2412.00	104.2 AV			2.25 H	26	104.4	-0.2
5	4824.00	44.0 PK	74.0	-30.0	2.06 H	60	39.5	4.5
6	4824.00	41.0 AV	54.0	-13.0	2.06 H	60	36.5	4.5

Remarks:

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

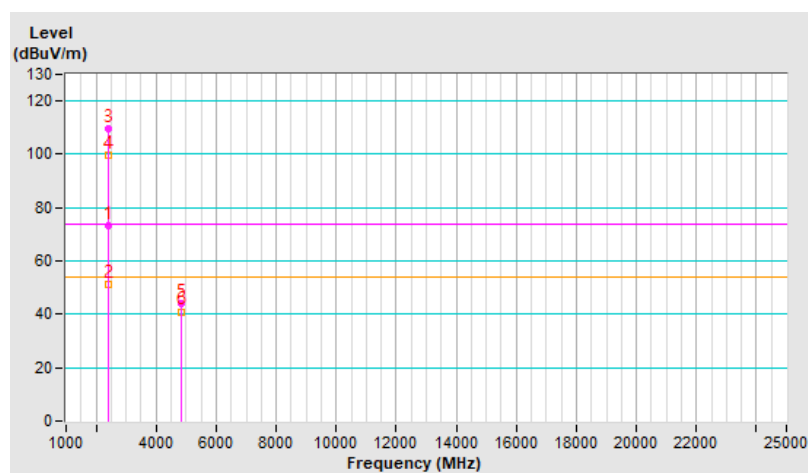


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	73.2 PK	74.0	-0.8	1.72 V	326	73.3	-0.1
2	2390.00	51.3 AV	54.0	-2.7	1.72 V	326	51.4	-0.1
3	*2412.00	109.5 PK			1.72 V	326	109.7	-0.2
4	*2412.00	99.6 AV			1.72 V	326	99.8	-0.2
5	4824.00	43.9 PK	74.0	-30.1	2.26 V	334	39.4	4.5
6	4824.00	41.0 AV	54.0	-13.0	2.26 V	334	36.5	4.5

Remarks:

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

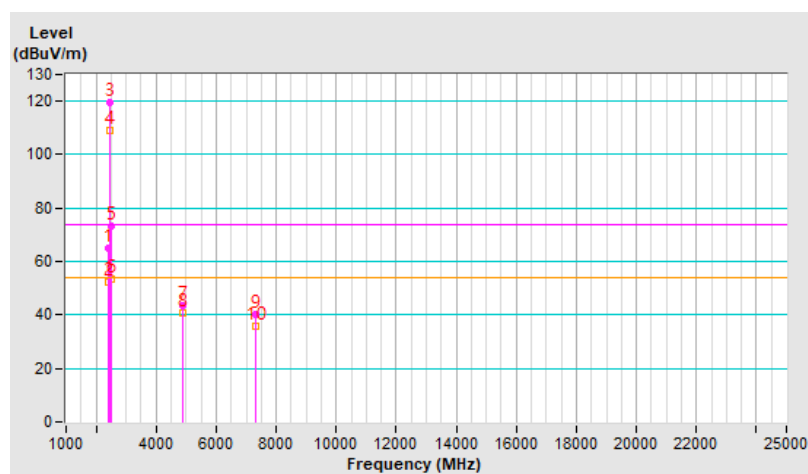


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	64.8 PK	74.0	-9.2	1.72 H	11	64.9	-0.1
2	2390.00	52.1 AV	54.0	-1.9	1.72 H	11	52.2	-0.1
3	*2437.00	119.5 PK			1.72 H	11	119.6	-0.1
4	*2437.00	109.3 AV			1.72 H	11	109.4	-0.1
5	2483.50	73.2 PK	74.0	-0.8	1.72 H	11	73.5	-0.3
6	2483.50	53.6 AV	54.0	-0.4	1.72 H	11	53.9	-0.3
7	4874.00	43.3 PK	74.0	-30.7	2.08 H	80	38.7	4.6
8	4874.00	40.6 AV	54.0	-13.4	2.08 H	80	36.0	4.6
9	7311.00	40.2 PK	74.0	-33.8	2.01 H	284	28.9	11.3
10	7311.00	35.6 AV	54.0	-18.4	2.01 H	284	24.3	11.3

Remarks:

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

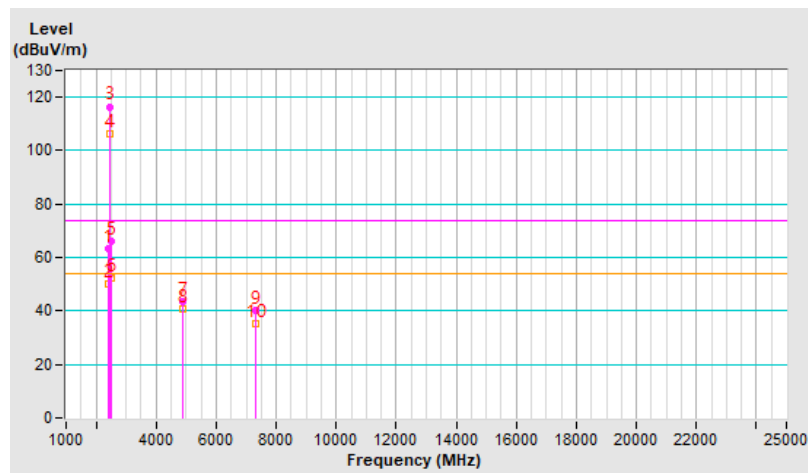


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	63.2 PK	74.0	-10.8	3.91 V	103	63.3	-0.1
2	2390.00	50.1 AV	54.0	-3.9	3.91 V	103	50.2	-0.1
3	*2437.00	116.5 PK			3.91 V	103	116.6	-0.1
4	*2437.00	106.3 AV			3.91 V	103	106.4	-0.1
5	2483.50	66.3 PK	74.0	-7.7	3.91 V	103	66.6	-0.3
6	2483.50	52.1 AV	54.0	-1.9	3.91 V	103	52.4	-0.3
7	4874.00	43.5 PK	74.0	-30.5	2.25 V	354	38.9	4.6
8	4874.00	40.5 AV	54.0	-13.5	2.25 V	354	35.9	4.6
9	7311.00	40.0 PK	74.0	-34.0	1.44 V	312	28.7	11.3
10	7311.00	35.2 AV	54.0	-18.8	1.44 V	312	23.9	11.3

Remarks:

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

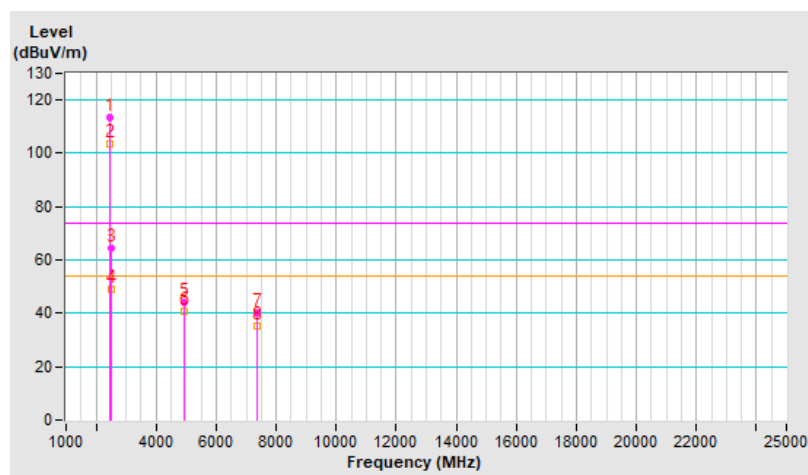


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	113.5 PK			2.21 H	30	113.8	-0.3
2	*2462.00	103.5 AV			2.21 H	30	103.8	-0.3
3	2483.50	64.2 PK	74.0	-9.8	2.21 H	30	64.5	-0.3
4	2483.50	48.9 AV	54.0	-5.1	2.21 H	30	49.2	-0.3
5	4924.00	43.9 PK	74.0	-30.1	2.01 H	64	39.2	4.7
6	4924.00	40.6 AV	54.0	-13.4	2.01 H	64	35.9	4.7
7	7386.00	40.1 PK	74.0	-33.9	1.99 H	306	28.2	11.9
8	7386.00	35.2 AV	54.0	-18.8	1.99 H	306	23.3	11.9

Remarks:

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

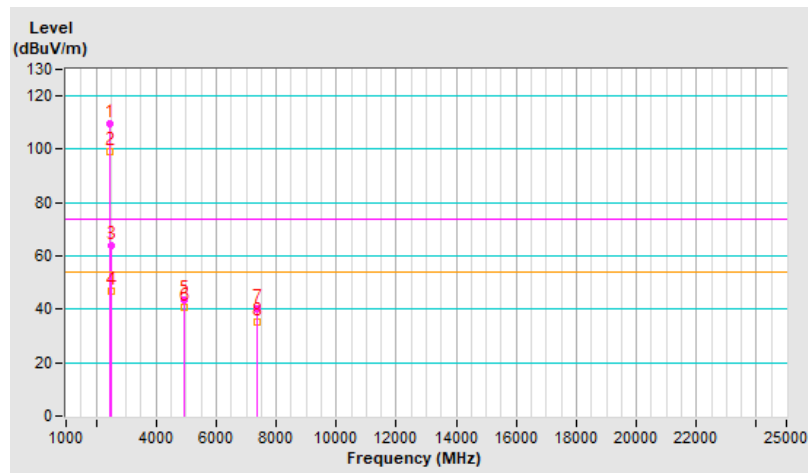


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	109.6 PK			1.71 V	325	109.9	-0.3
2	*2462.00	99.2 AV			1.71 V	325	99.5	-0.3
3	2483.50	63.7 PK	74.0	-10.3	1.71 V	325	64.0	-0.3
4	2483.50	46.9 AV	54.0	-7.1	1.71 V	325	47.2	-0.3
5	4924.00	43.6 PK	74.0	-30.4	2.28 V	345	38.9	4.7
6	4924.00	40.7 AV	54.0	-13.3	2.28 V	345	36.0	4.7
7	7386.00	40.1 PK	74.0	-33.9	1.36 V	338	28.2	11.9
8	7386.00	35.0 AV	54.0	-19.0	1.36 V	338	23.1	11.9

Remarks:

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

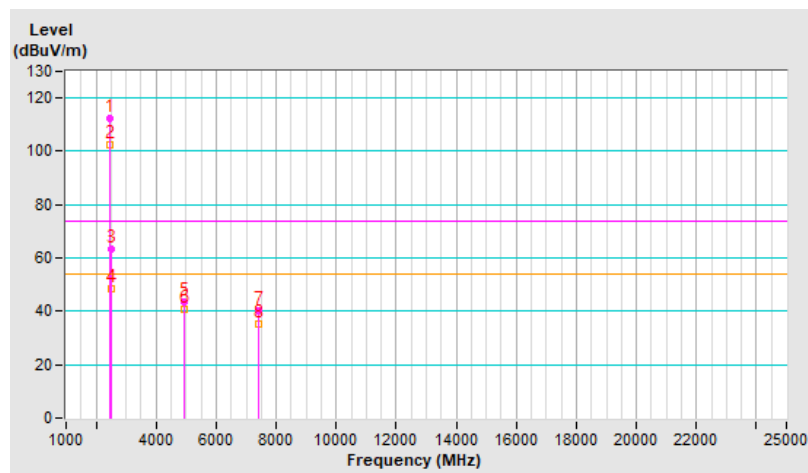


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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			2.24 H	14	112.9	-0.3
2	*2467.00	102.5 AV			2.24 H	14	102.8	-0.3
3	2483.50	63.5 PK	74.0	-10.5	2.24 H	14	63.8	-0.3
4	2483.50	48.6 AV	54.0	-5.4	2.24 H	14	48.9	-0.3
5	4934.00	43.6 PK	74.0	-30.4	2.04 H	63	38.9	4.7
6	4934.00	40.7 AV	54.0	-13.3	2.04 H	63	36.0	4.7
7	7401.00	40.2 PK	74.0	-33.8	1.97 H	299	28.2	12.0
8	7401.00	35.2 AV	54.0	-18.8	1.97 H	299	23.2	12.0

Remarks:

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

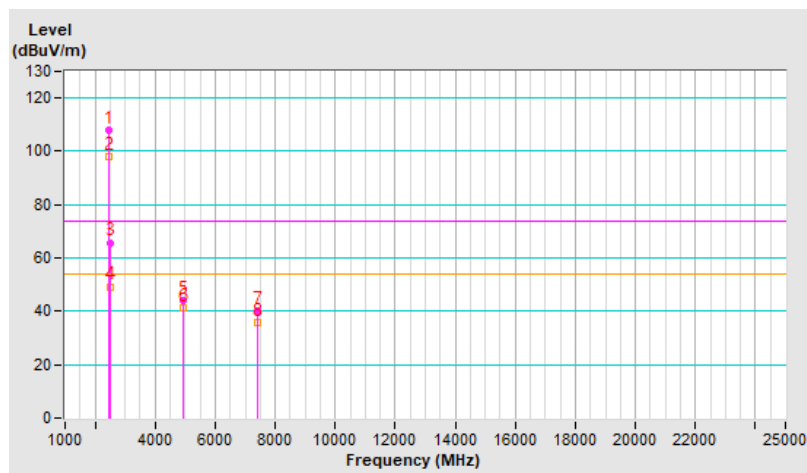


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	107.9 PK			1.75 V	356	108.2	-0.3
2	*2467.00	98.2 AV			1.75 V	356	98.5	-0.3
3	2483.50	65.8 PK	74.0	-8.2	1.75 V	356	66.1	-0.3
4	2483.50	49.3 AV	54.0	-4.7	1.75 V	356	49.6	-0.3
5	4934.00	44.1 PK	74.0	-29.9	2.25 V	333	39.4	4.7
6	4934.00	41.1 AV	54.0	-12.9	2.25 V	333	36.4	4.7
7	7401.00	40.3 PK	74.0	-33.7	1.45 V	311	28.3	12.0
8	7401.00	35.8 AV	54.0	-18.2	1.45 V	311	23.8	12.0

Remarks:

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

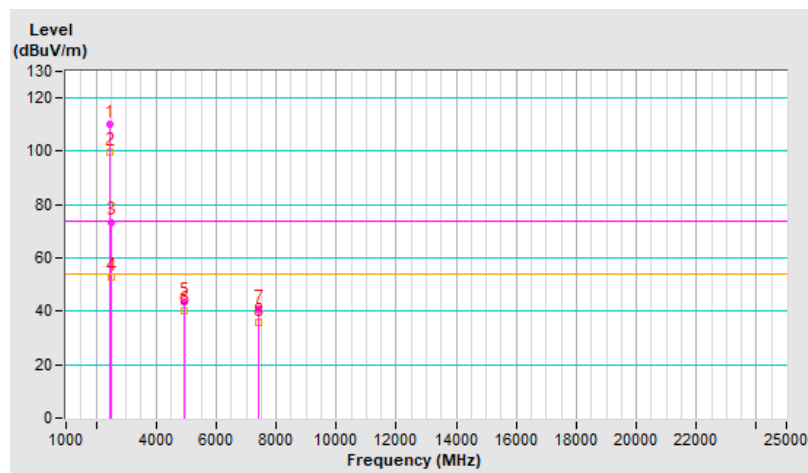


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	110.2 PK			2.29 H	25	110.5	-0.3
2	*2472.00	99.6 AV			2.29 H	25	99.9	-0.3
3	2483.50	73.5 PK	74.0	-0.5	2.29 H	25	73.8	-0.3
4	2483.50	52.9 AV	54.0	-1.1	2.29 H	25	53.2	-0.3
5	4944.00	43.6 PK	74.0	-30.4	2.04 H	53	38.8	4.8
6	4944.00	40.4 AV	54.0	-13.6	2.04 H	53	35.6	4.8
7	7416.00	40.5 PK	74.0	-33.5	2.06 H	278	28.5	12.0
8	7416.00	35.9 AV	54.0	-18.1	2.06 H	278	23.9	12.0

Remarks:

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

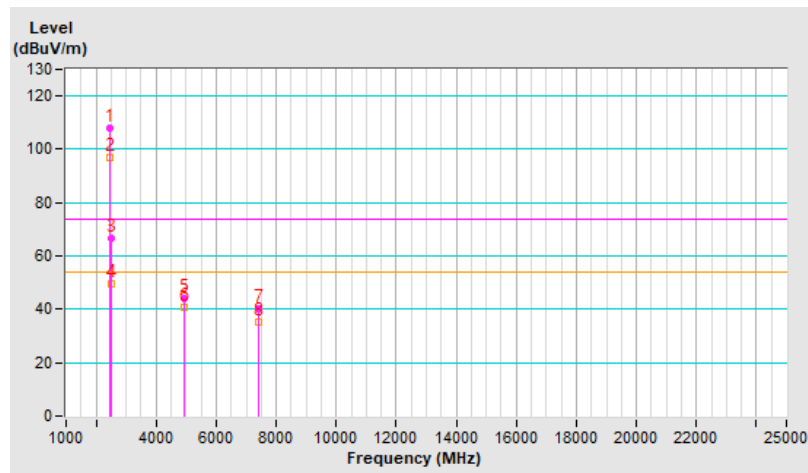


RF Mode	802.11ax (HE20) 106-tone RU	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 66 % RH
Tested By	Willy Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	107.9 PK			1.76 V	346	108.2	-0.3
2	*2472.00	96.7 AV			1.76 V	346	97.0	-0.3
3	2483.50	66.5 PK	74.0	-7.5	1.76 V	346	66.8	-0.3
4	2483.50	49.5 AV	54.0	-4.5	1.76 V	346	49.8	-0.3
5	4944.00	43.9 PK	74.0	-30.1	2.23 V	330	39.1	4.8
6	4944.00	40.8 AV	54.0	-13.2	2.23 V	330	36.0	4.8
7	7416.00	40.0 PK	74.0	-34.0	1.46 V	312	28.0	12.0
8	7416.00	35.1 AV	54.0	-18.9	1.46 V	312	23.1	12.0

Remarks:

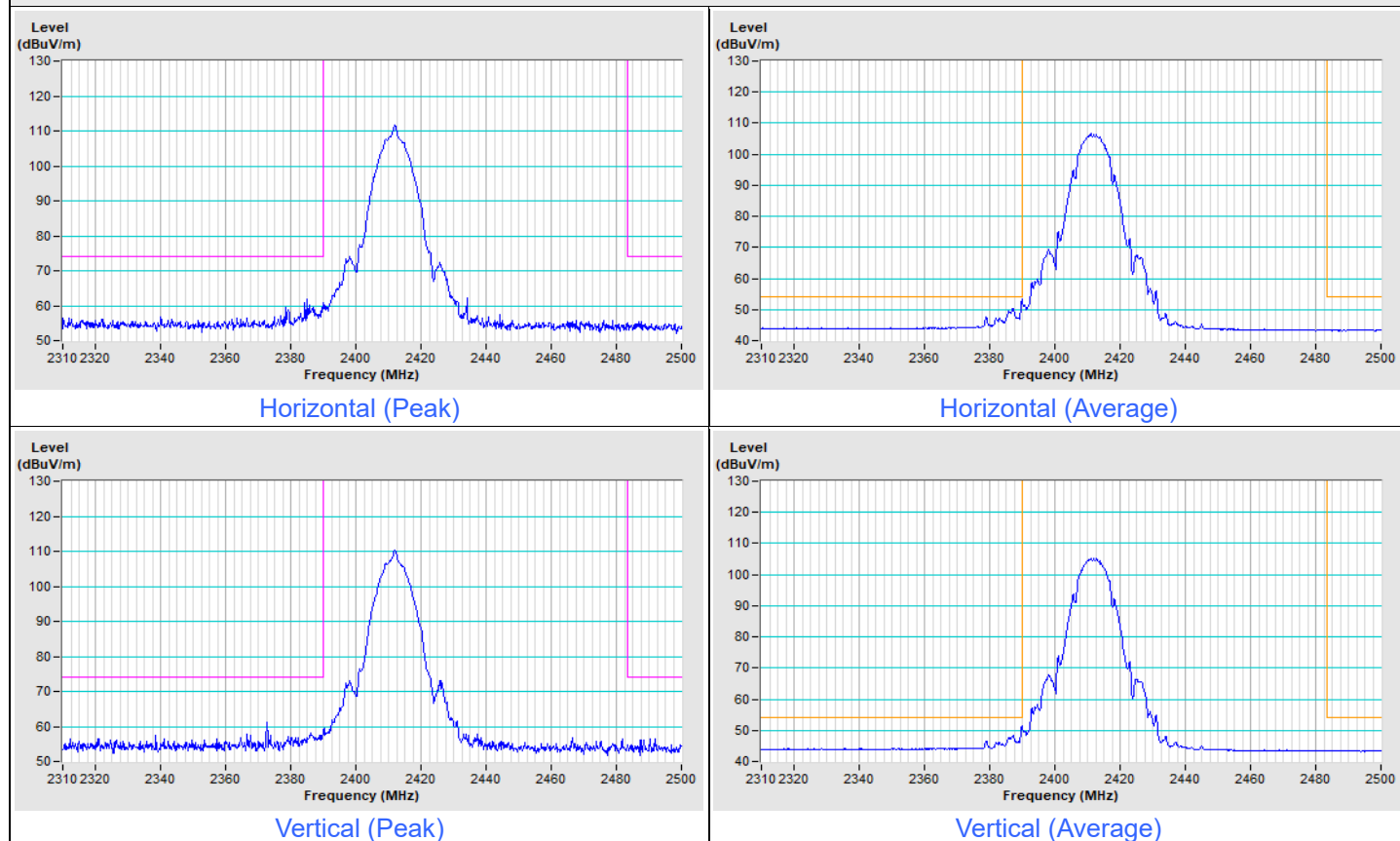
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency,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



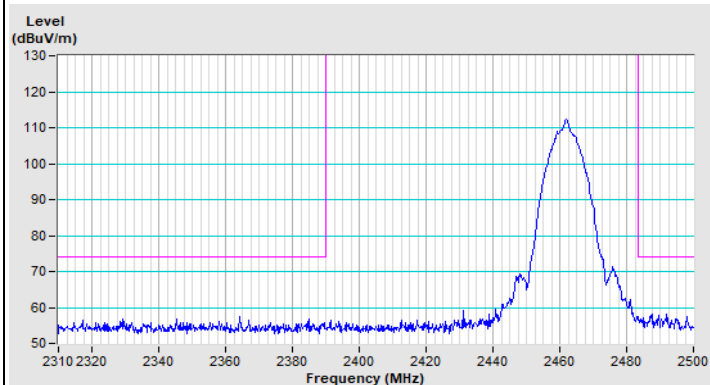
Plot of Band Edge

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
-----------------	--------------------	-------------------------------	--

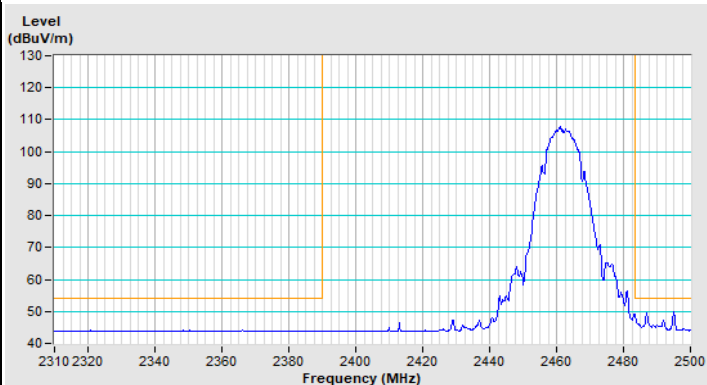
802.11b Channel 1



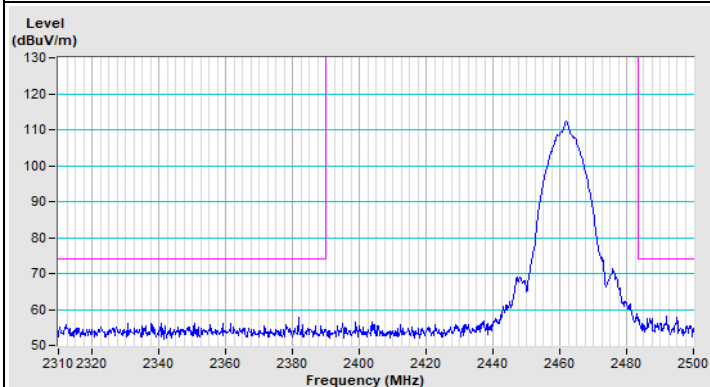
802.11b Channel 11



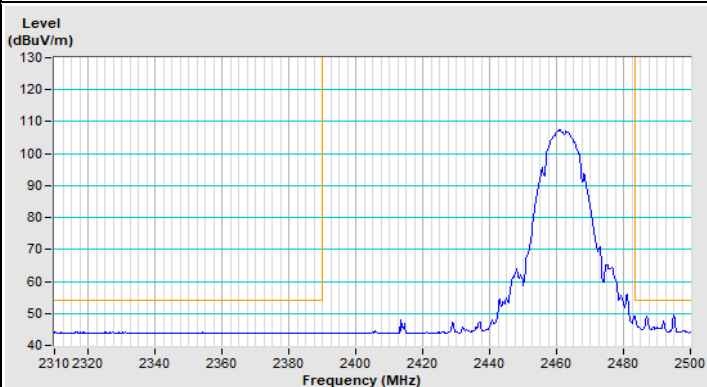
Horizontal (Peak)



Horizontal (Average)

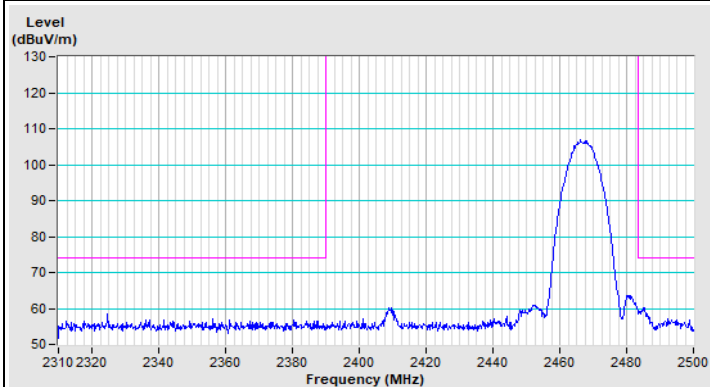


Vertical (Peak)

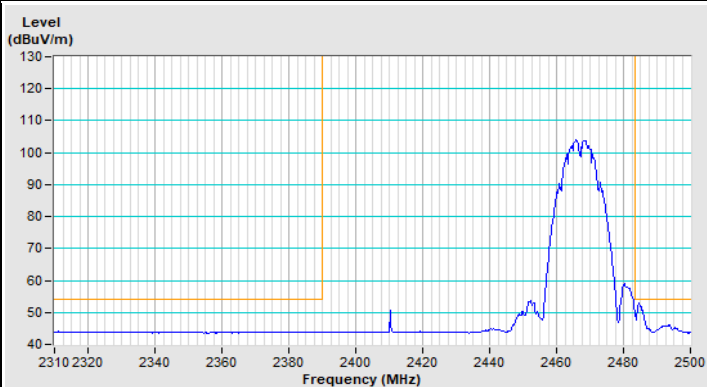


Vertical (Average)

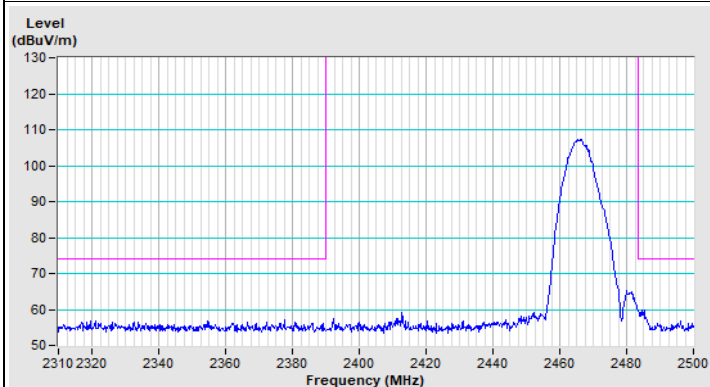
802.11b Channel 12



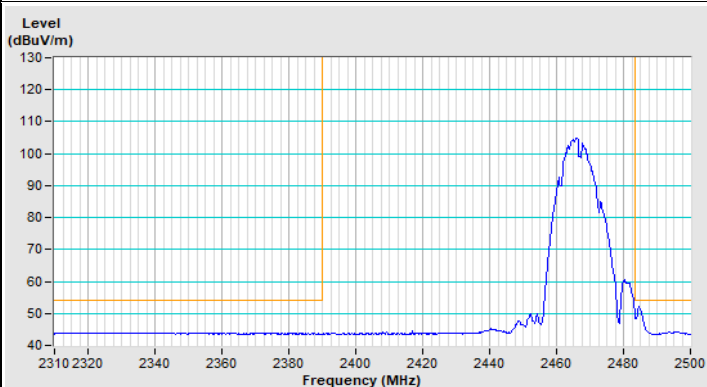
Horizontal (Peak)



Horizontal (Average)

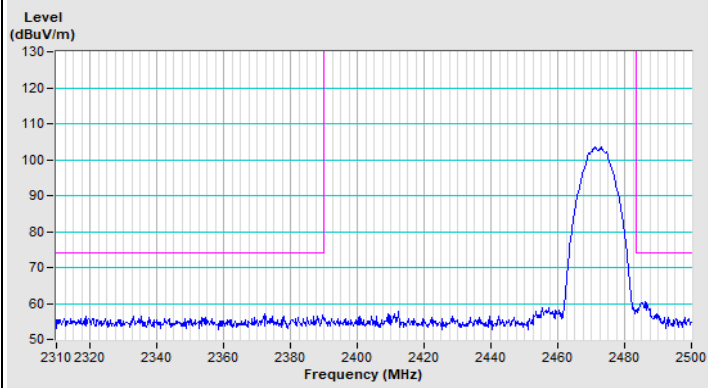


Vertical (Peak)

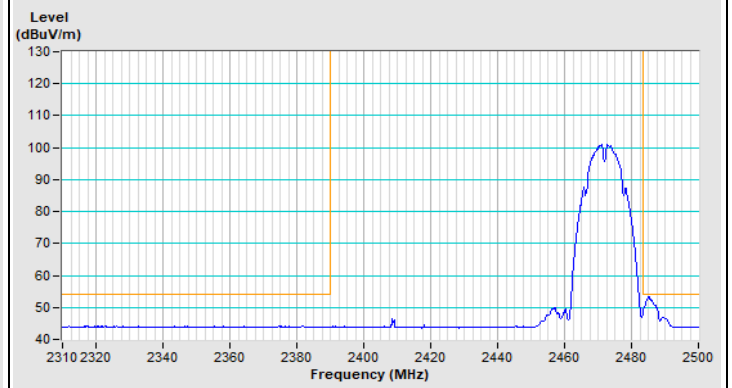


Vertical (Average)

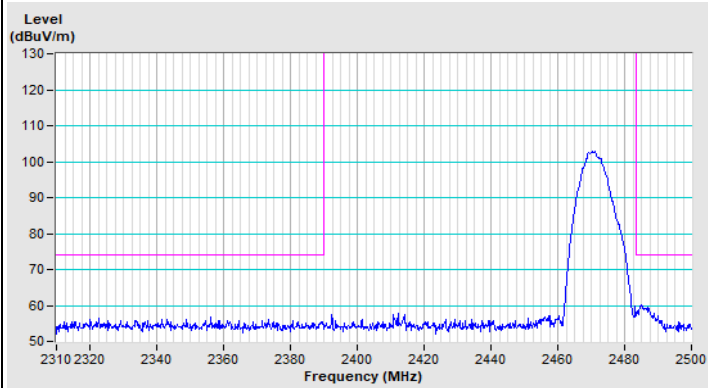
802.11b Channel 13



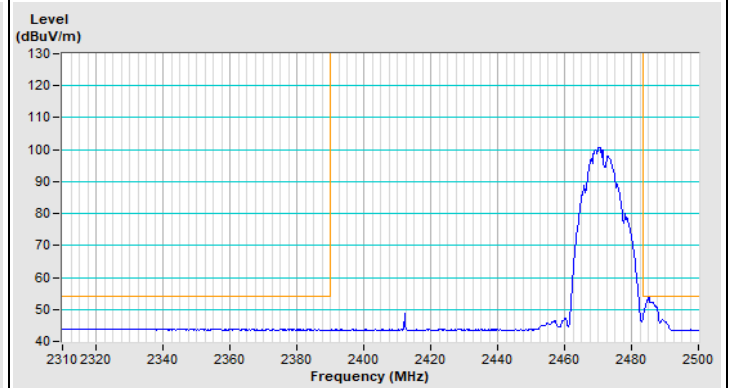
Horizontal (Peak)



Horizontal (Average)



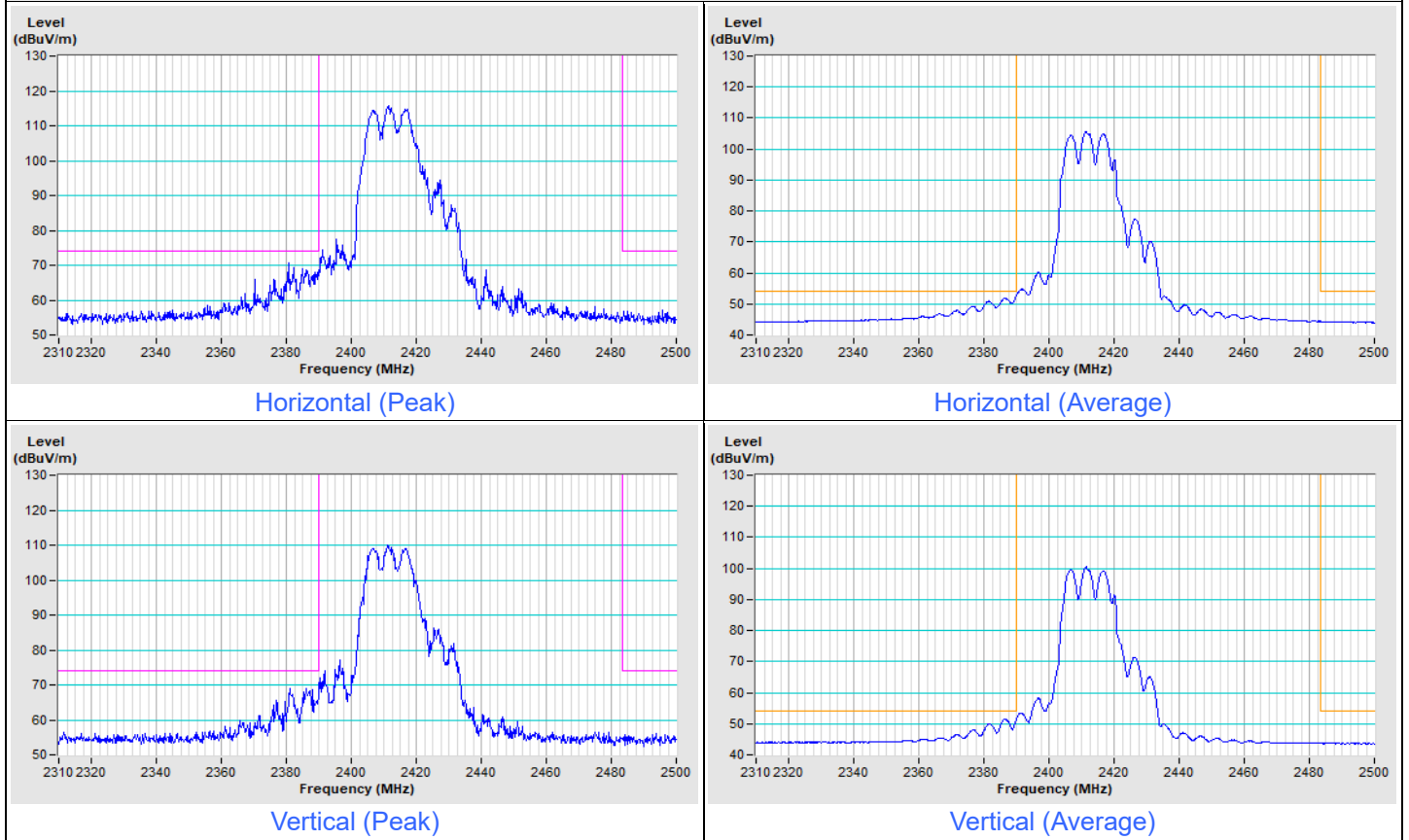
Vertical (Peak)



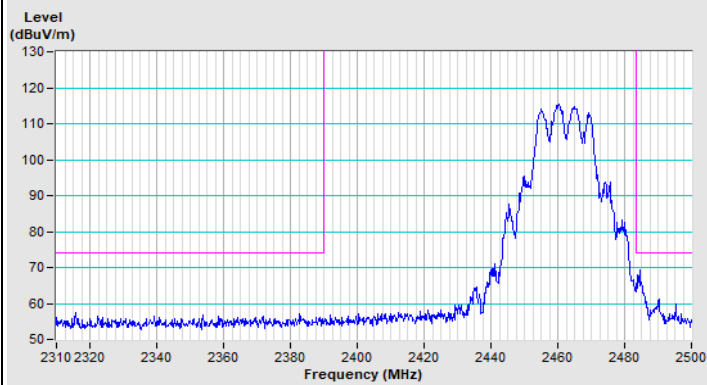
Vertical (Average)

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
-----------------	--------------------	-------------------------------	--

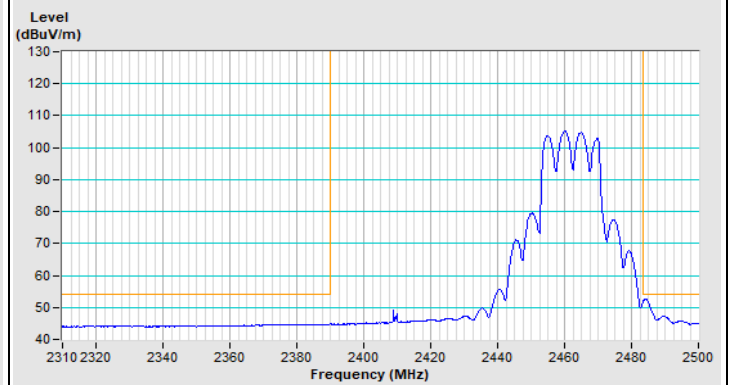
802.11g Channel 1



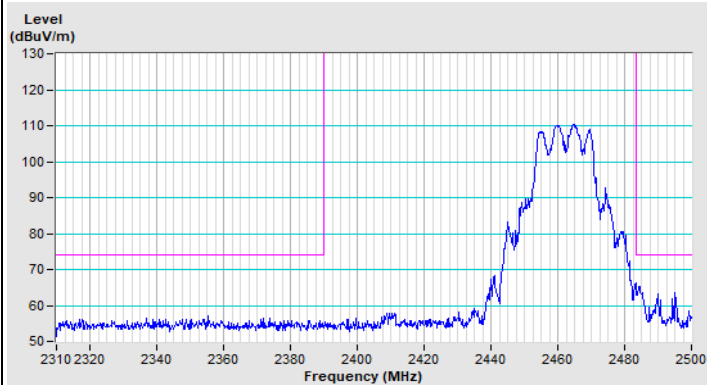
802.11g Channel 11



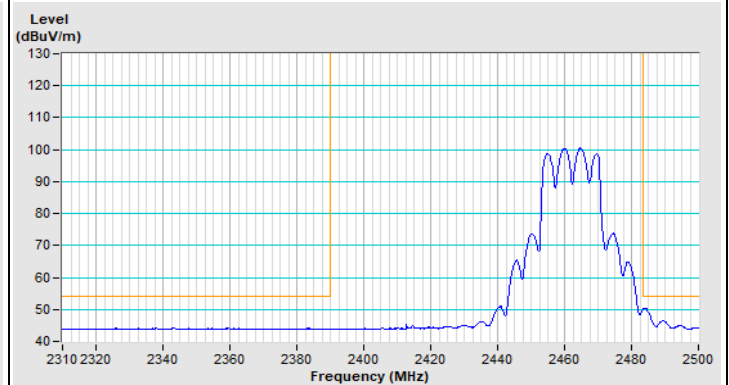
Horizontal (Peak)



Horizontal (Average)

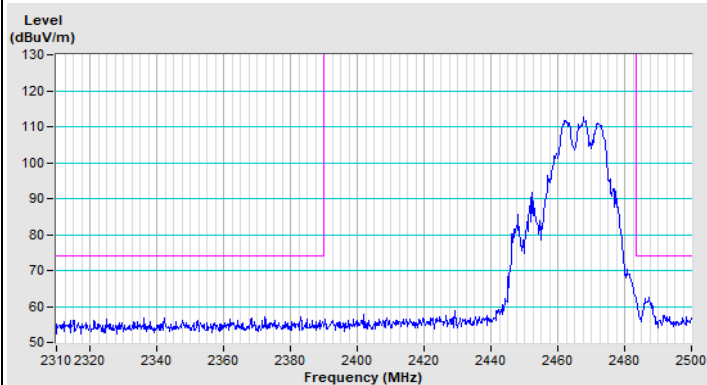


Vertical (Peak)

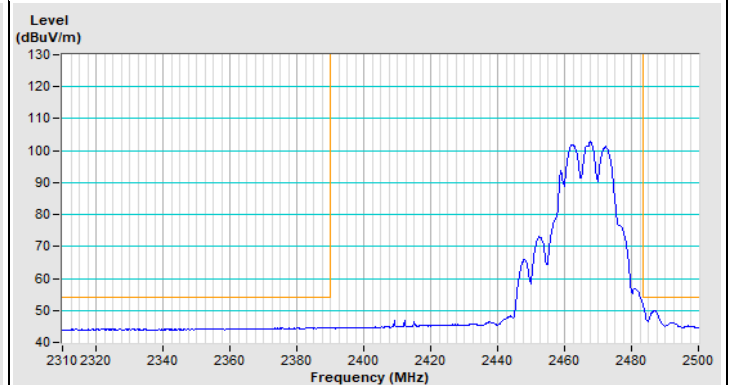


Vertical (Average)

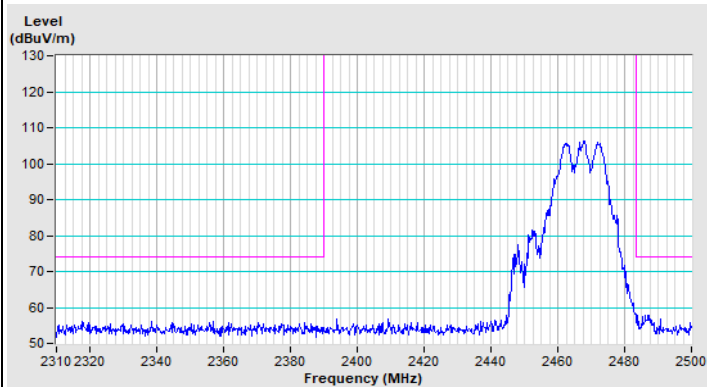
802.11g Channel 12



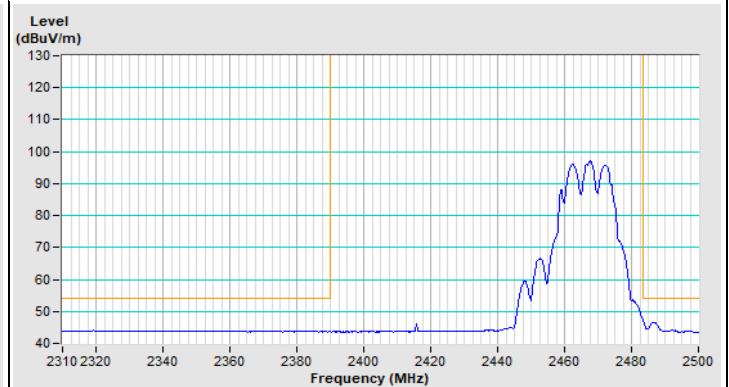
Horizontal (Peak)



Horizontal (Average)

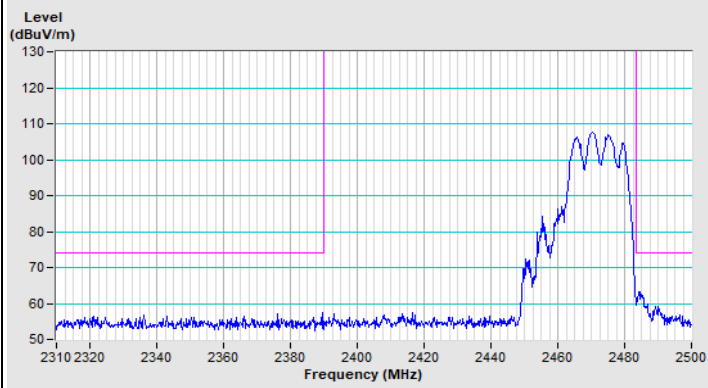


Vertical (Peak)

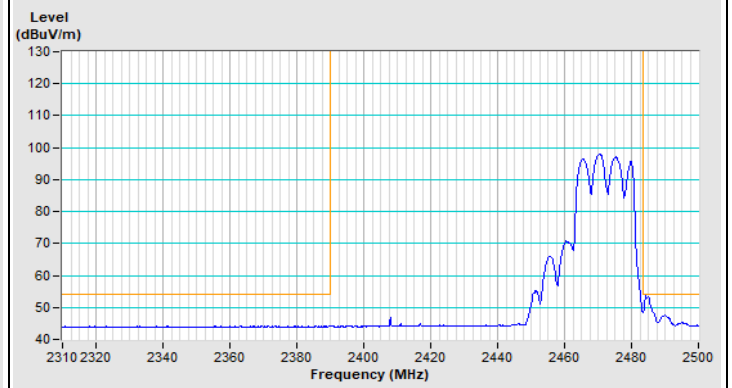


Vertical (Average)

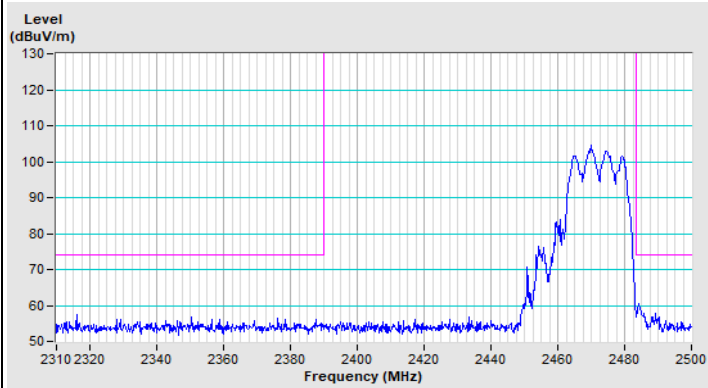
802.11g Channel 13



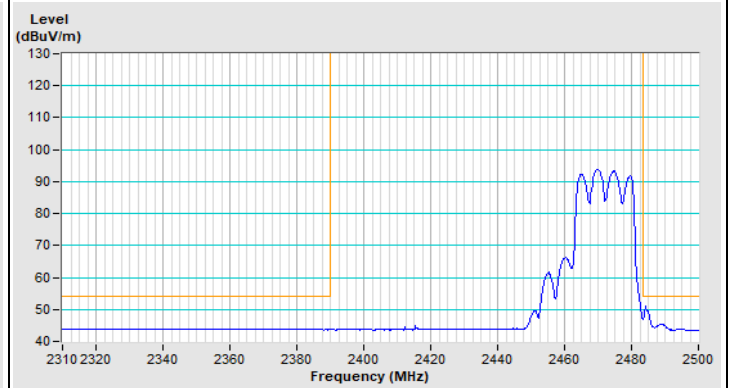
Horizontal (Peak)



Horizontal (Average)



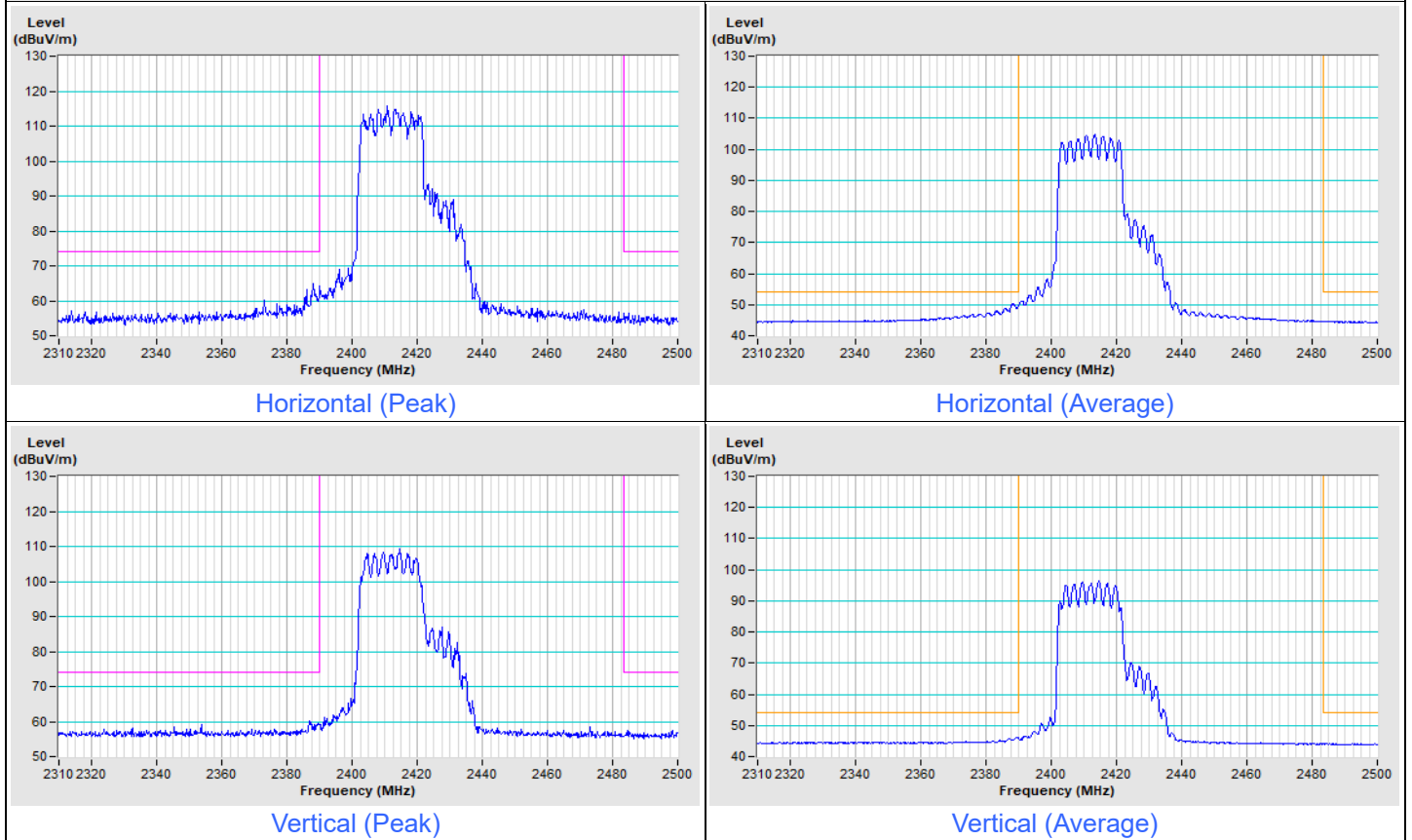
Vertical (Peak)



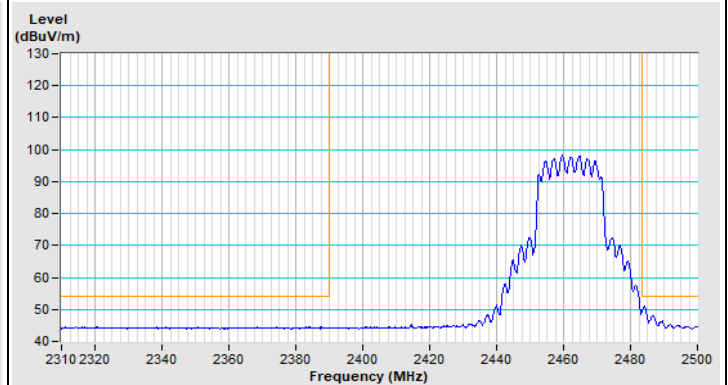
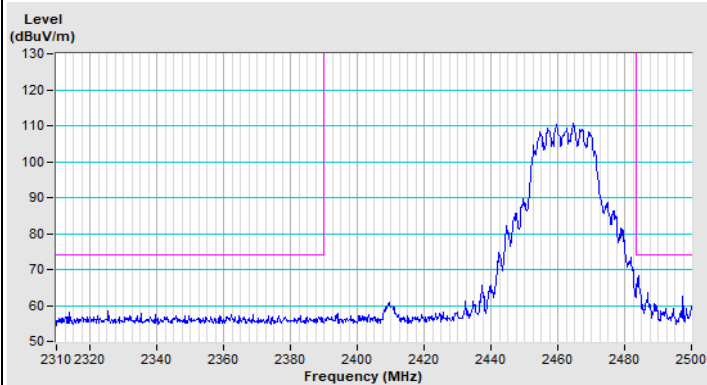
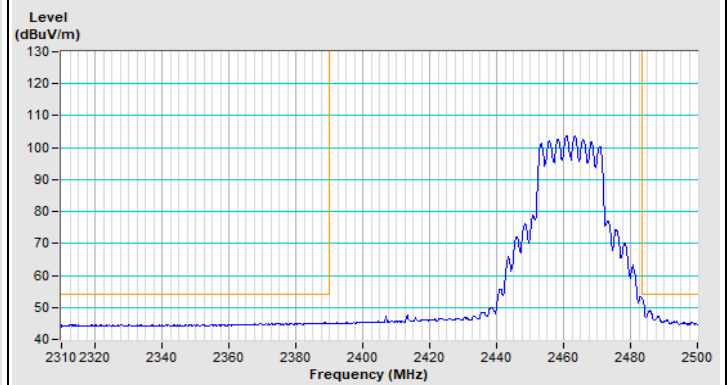
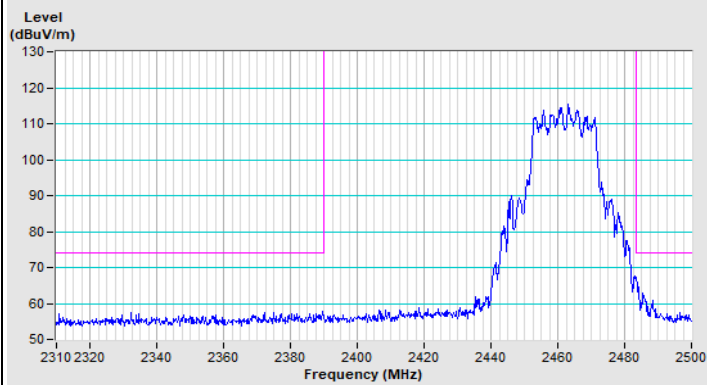
Vertical (Average)

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=510 Hz, DET=Peak
-----------------	--------------------	-------------------------------	---

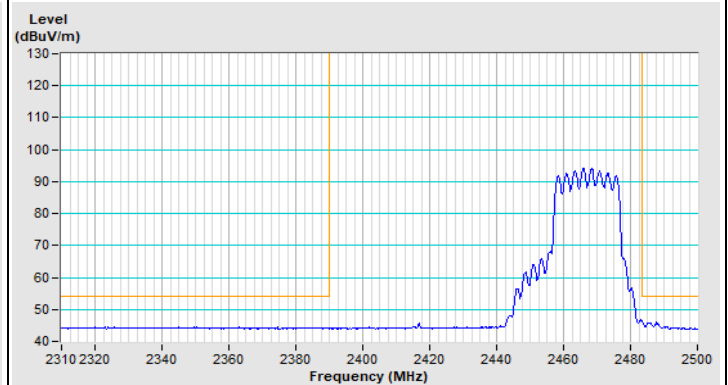
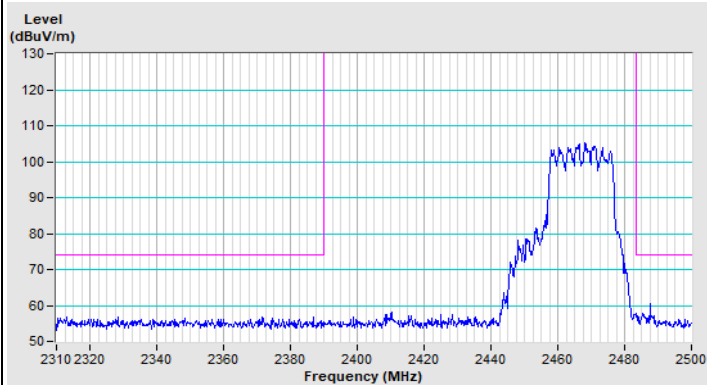
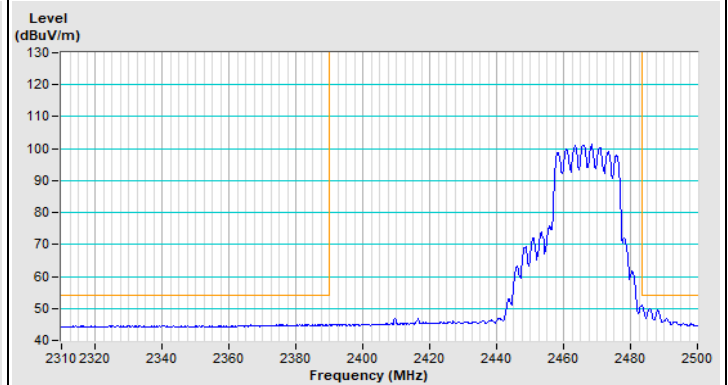
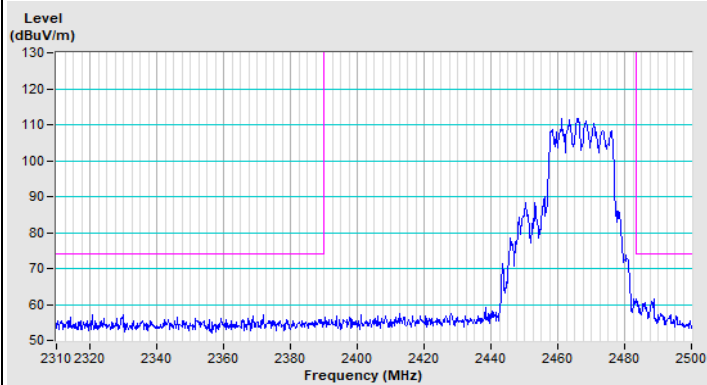
802.11ax (HE20) Channel 1



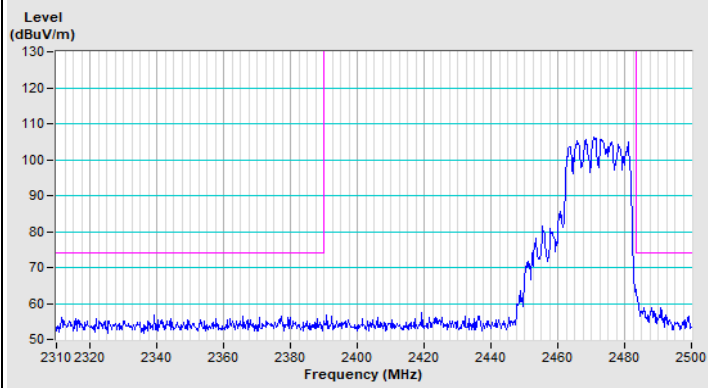
802.11ax (HE20) Channel 11



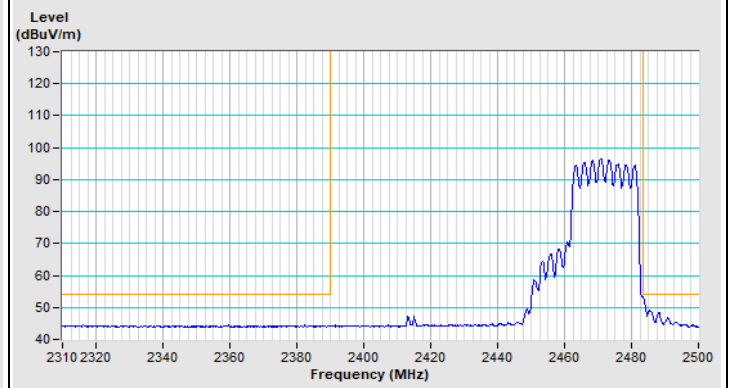
802.11ax (HE20) Channel 12



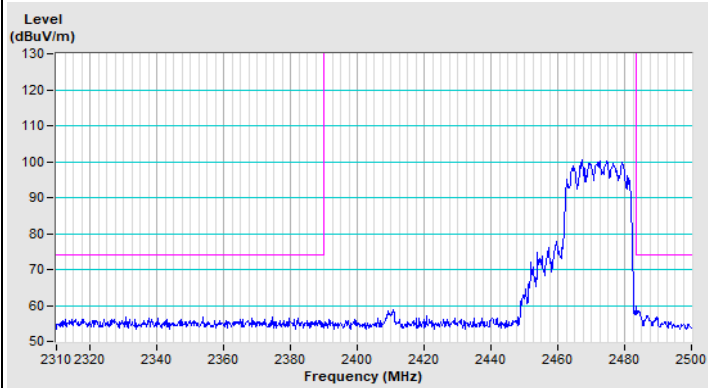
802.11ax (HE20) Channel 13



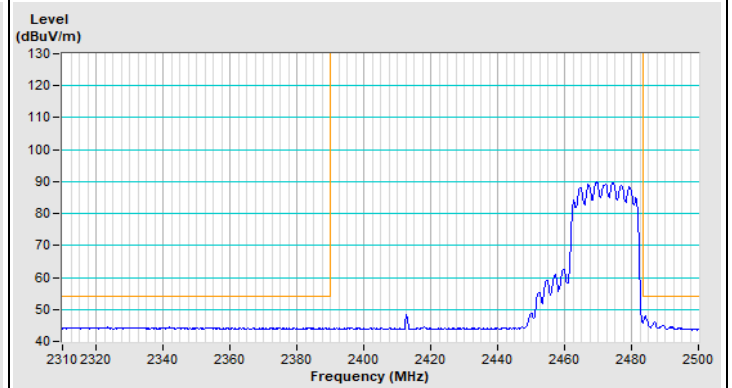
Horizontal (Peak)



Horizontal (Average)



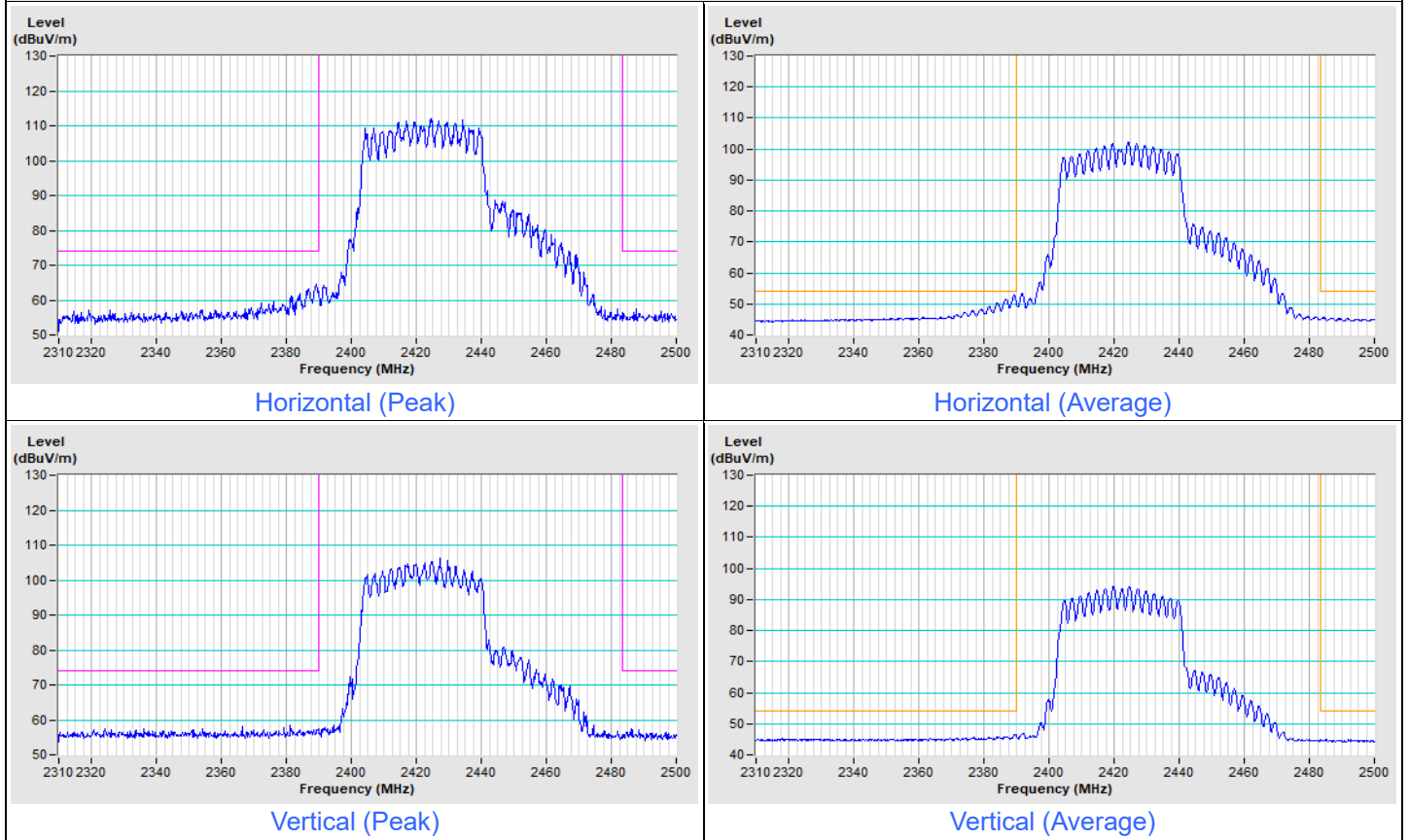
Vertical (Peak)



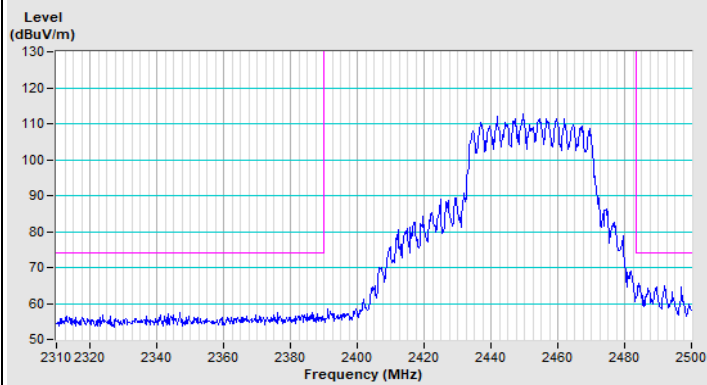
Vertical (Average)

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=510 Hz, DET=Peak
-----------------	--------------------	-------------------------------	---

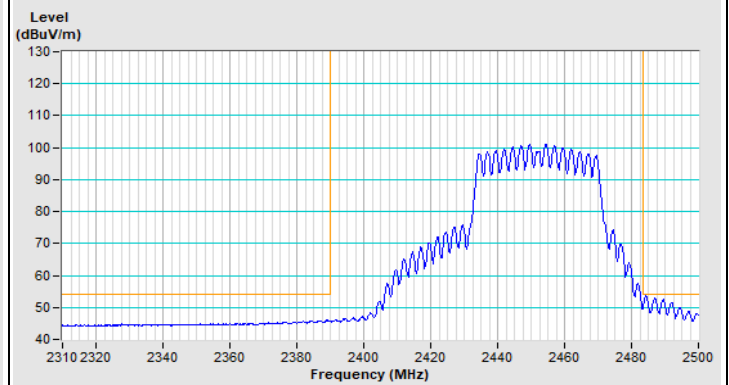
802.11ax (HE40) Channel 3



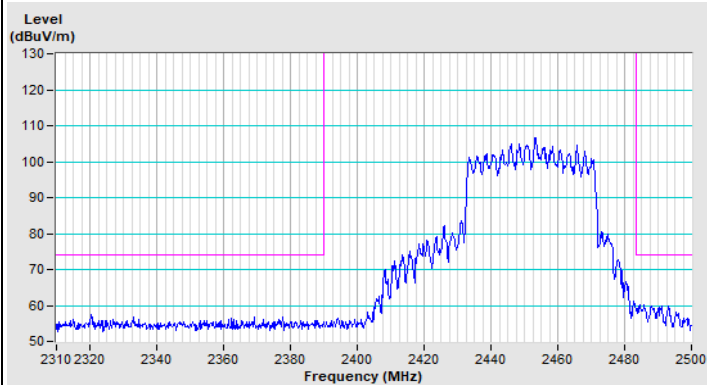
802.11ax (HE40) Channel 9



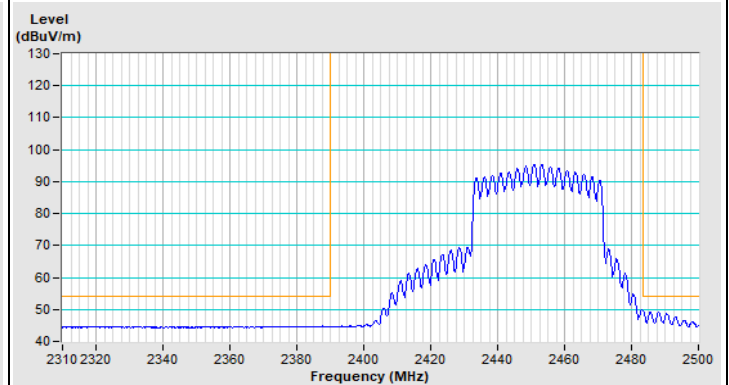
Horizontal (Peak)



Horizontal (Average)

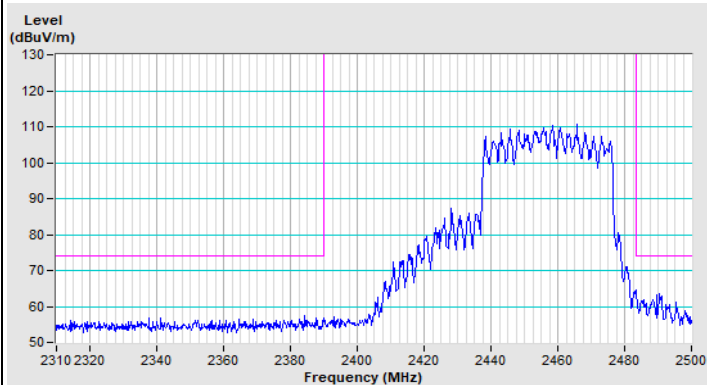


Vertical (Peak)

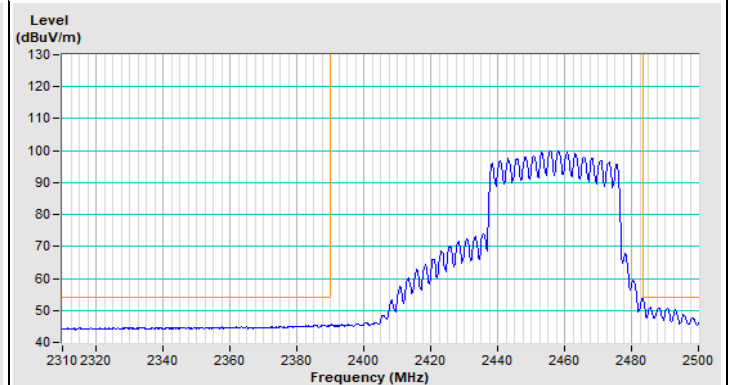


Vertical (Average)

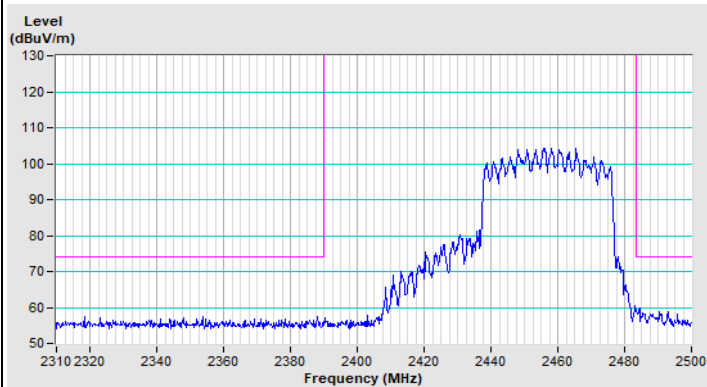
802.11ax (HE40) Channel 10



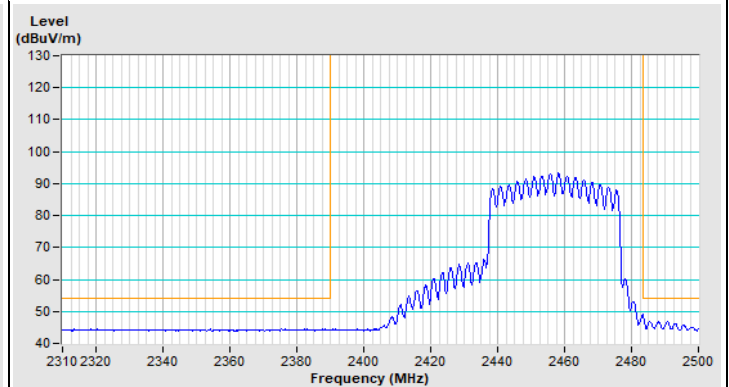
Horizontal (Peak)



Horizontal (Average)

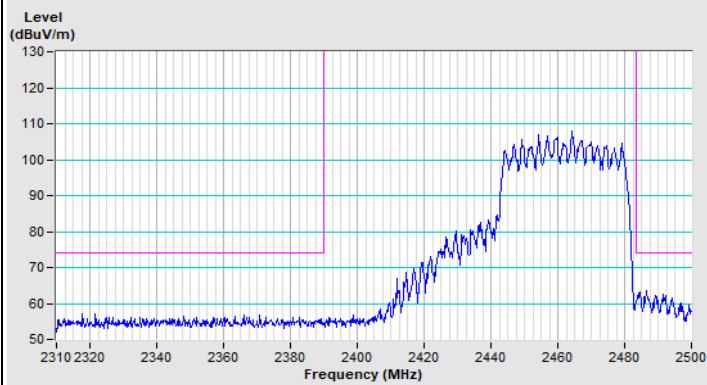


Vertical (Peak)

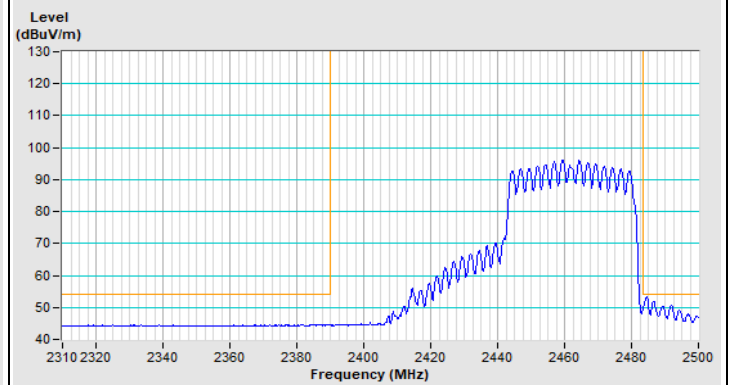


Vertical (Average)

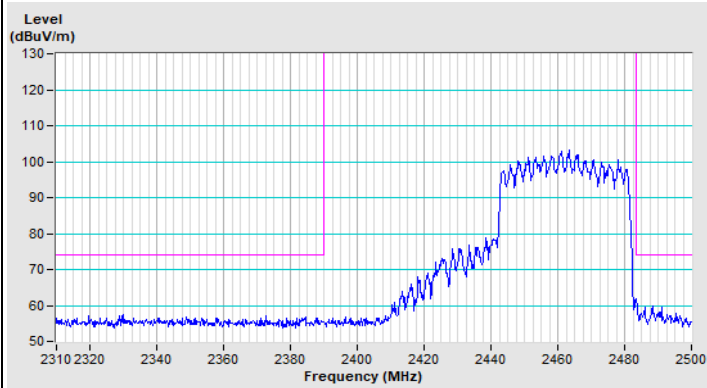
802.11ax (HE40) Channel 11



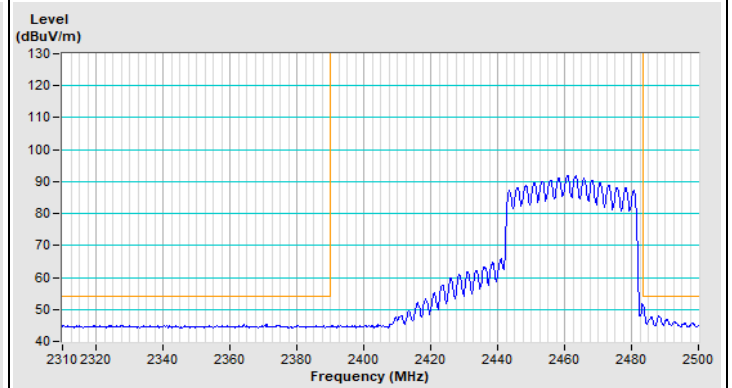
Horizontal (Peak)



Horizontal (Average)



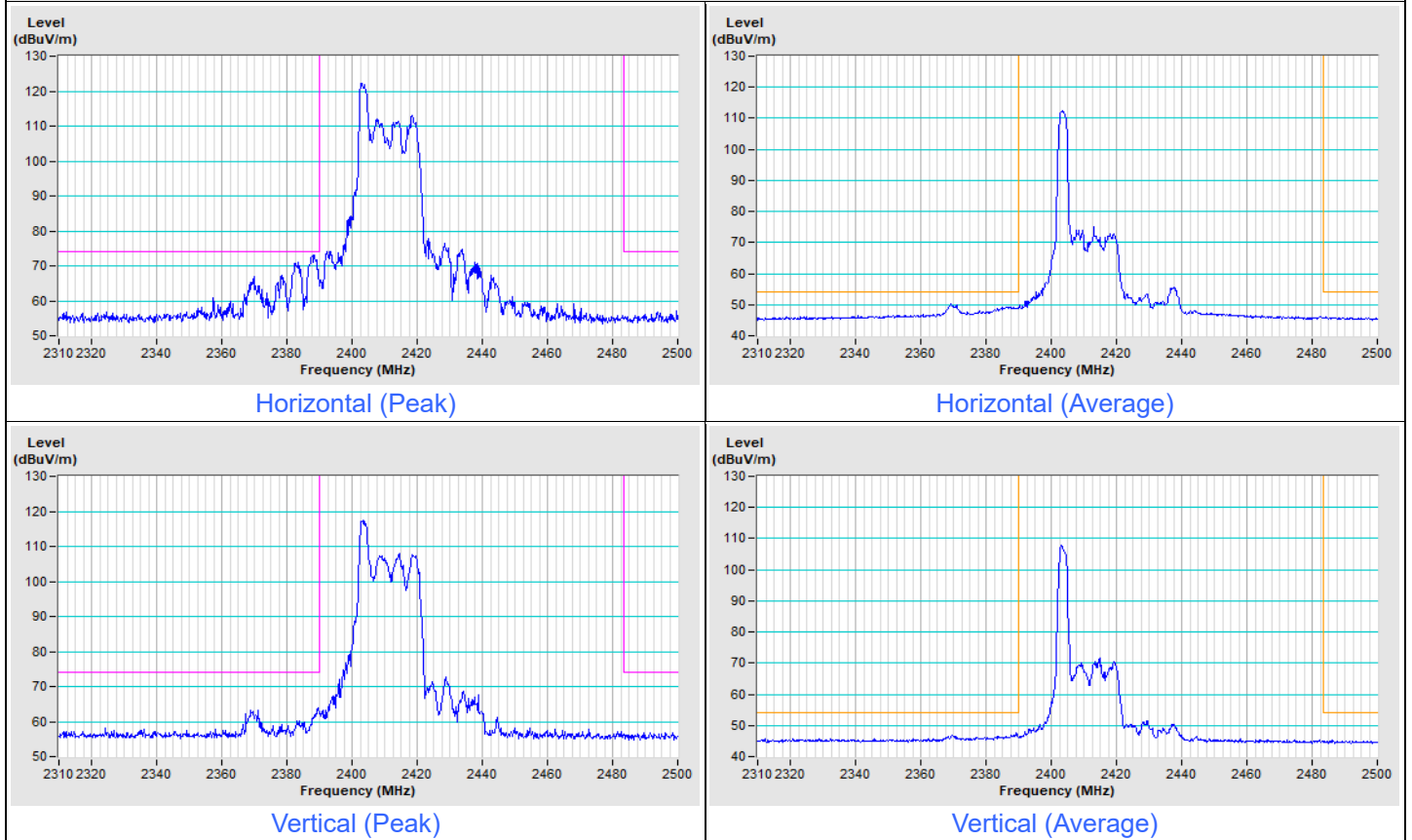
Vertical (Peak)



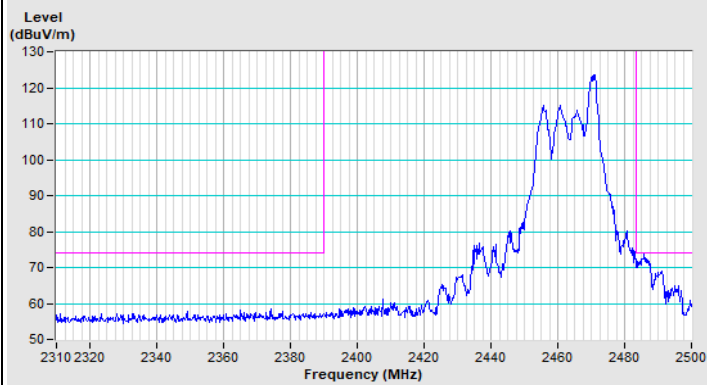
Vertical (Average)

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=3 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

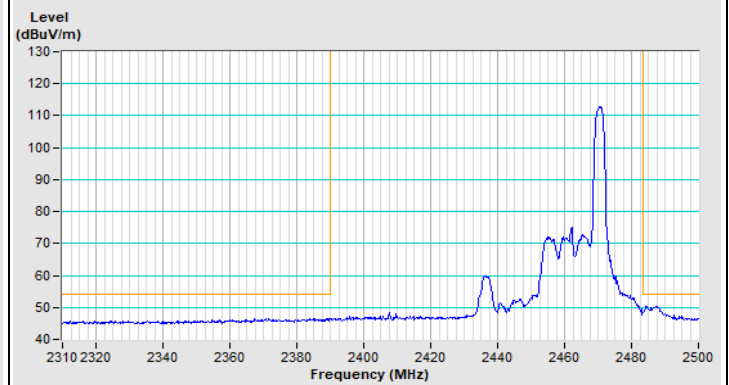
802.11ax (HE20) 26-tone RU Channel 1



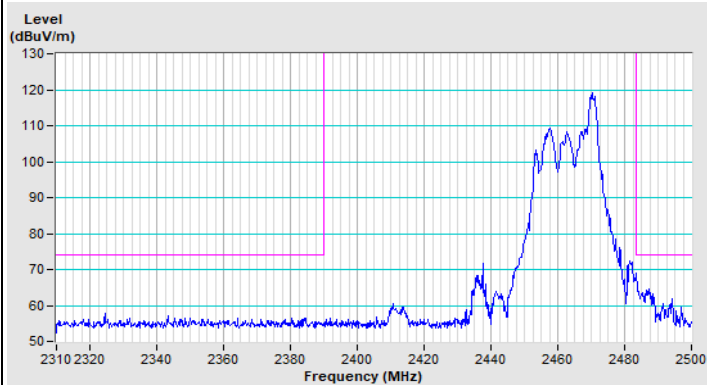
802.11ax (HE20) 26-tone RU Channel 11



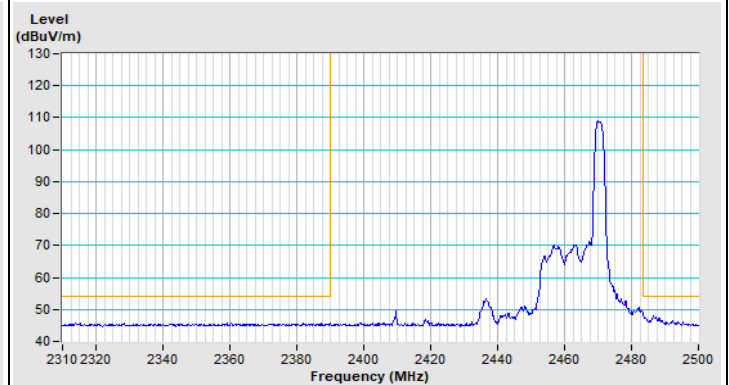
Horizontal (Peak)



Horizontal (Average)

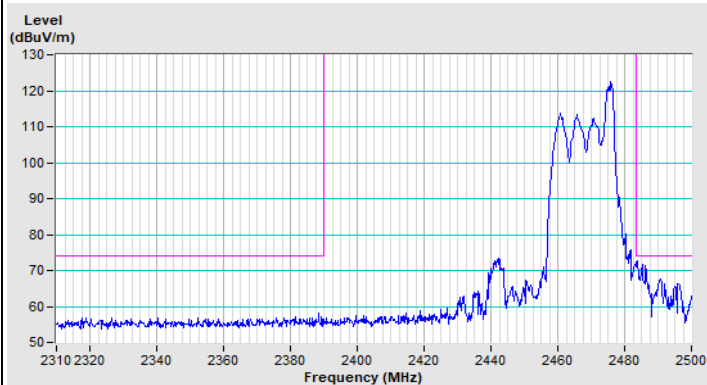


Vertical (Peak)

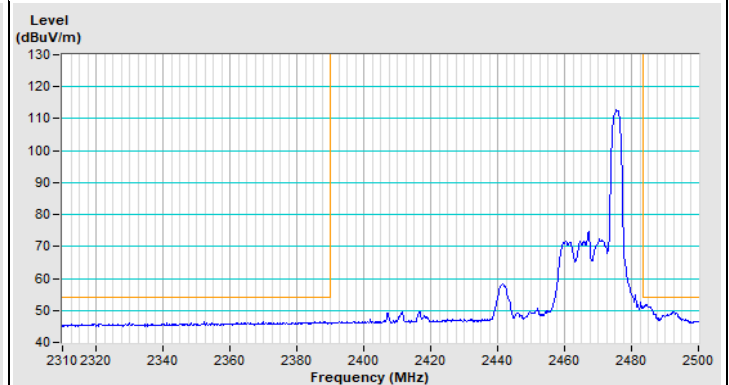


Vertical (Average)

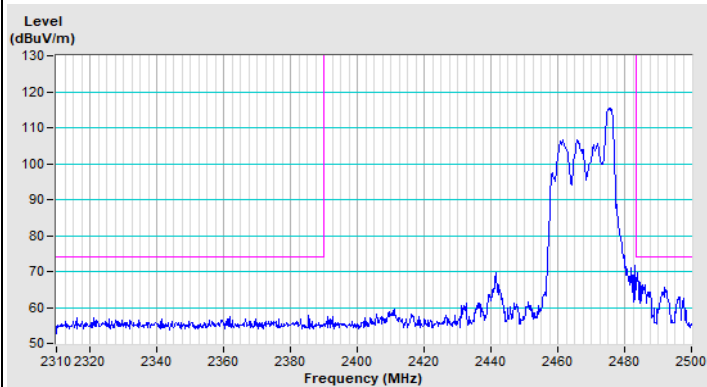
802.11ax (HE20) 26-tone RU Channel 12



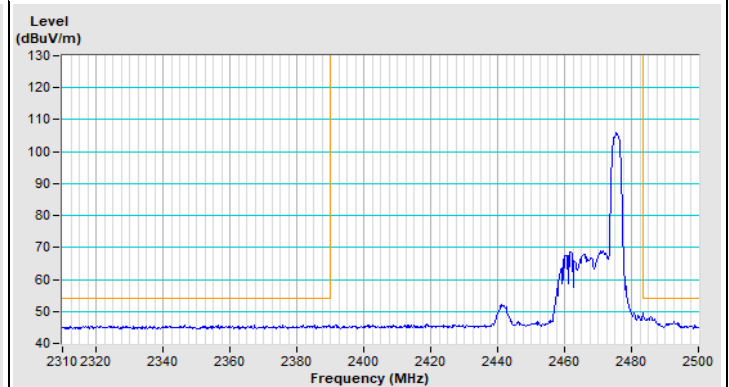
Horizontal (Peak)



Horizontal (Average)

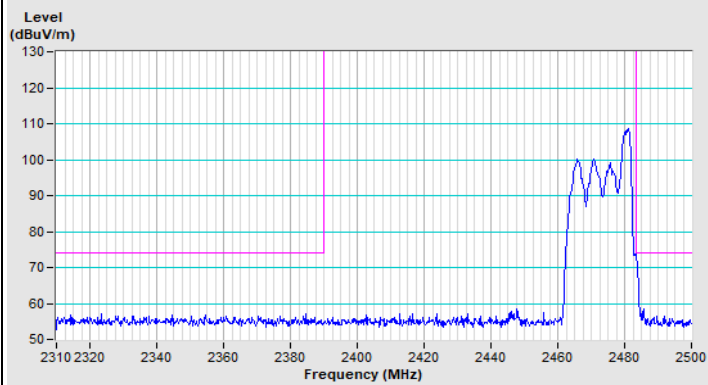


Vertical (Peak)

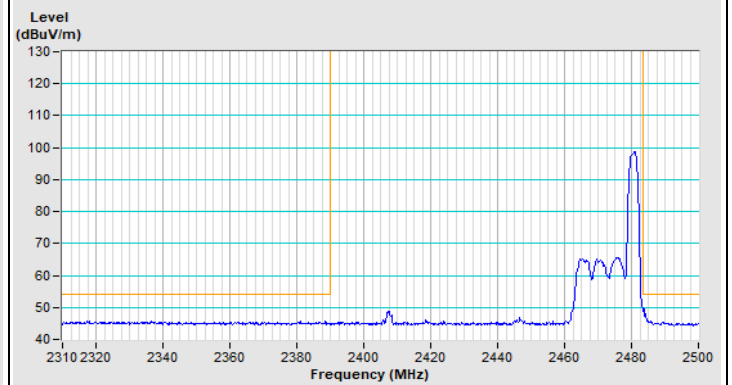


Vertical (Average)

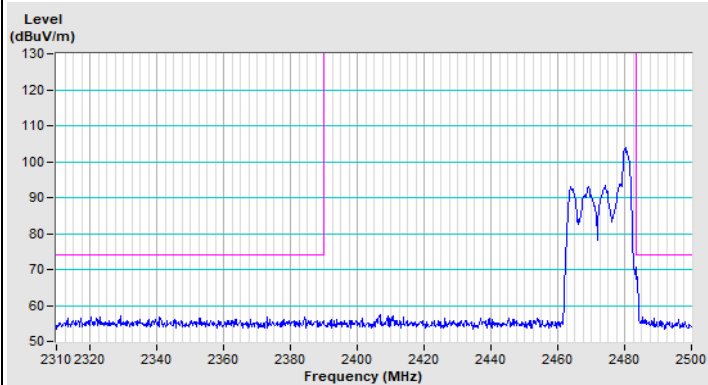
802.11ax (HE20) 26-tone RU Channel 13



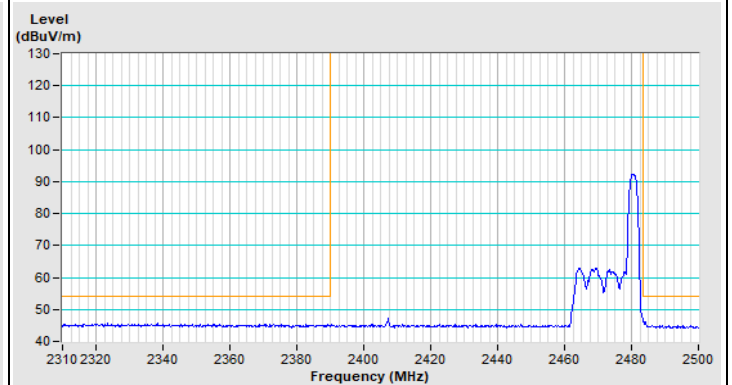
Horizontal (Peak)



Horizontal (Average)



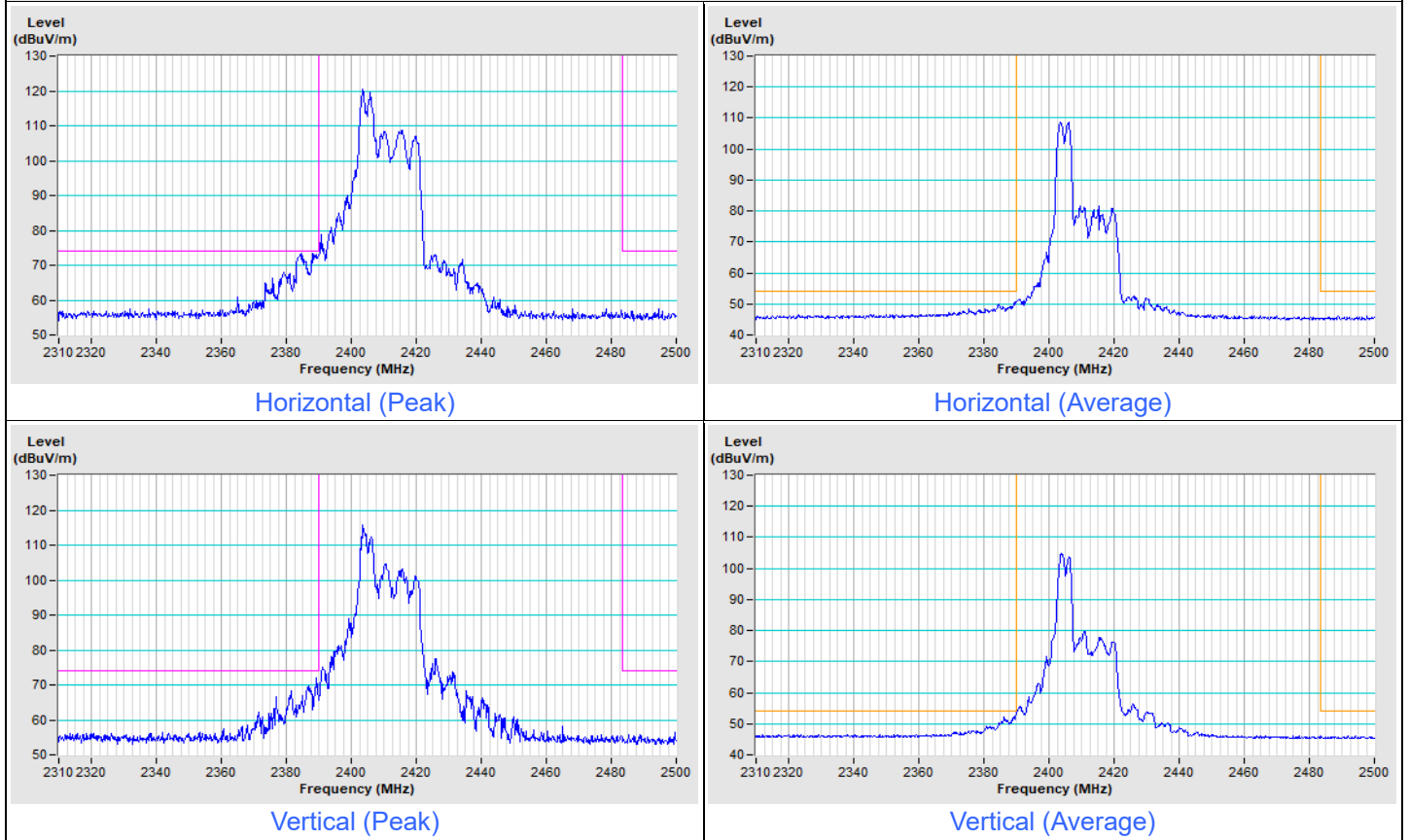
Vertical (Peak)



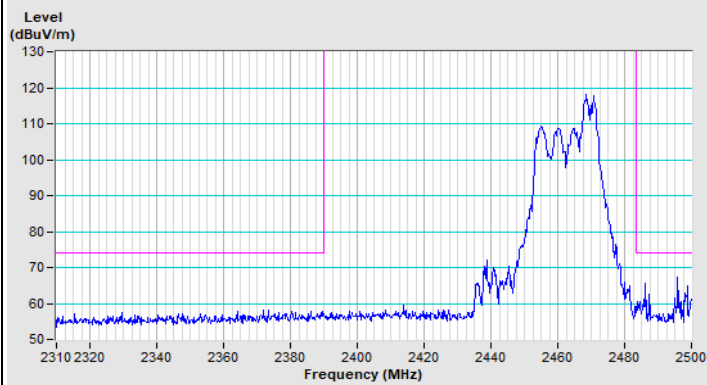
Vertical (Average)

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=5.1 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

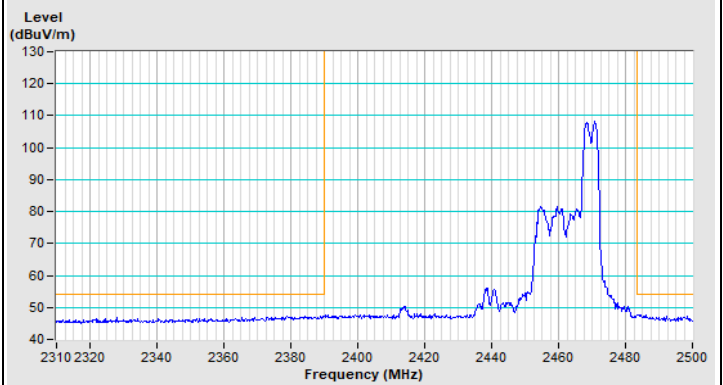
802.11ax (HE20) 52-tone RU Channel 1



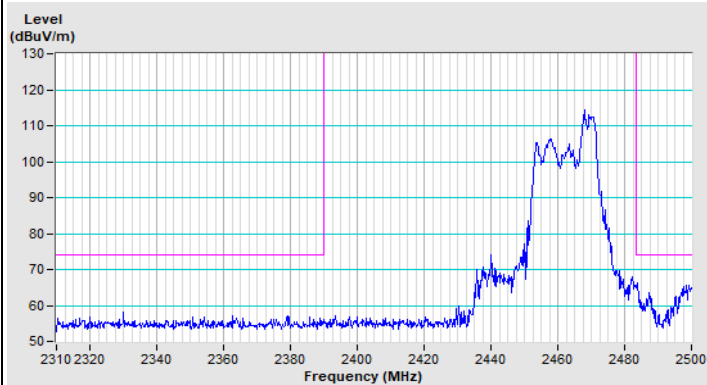
802.11ax (HE20) 52-tone RU Channel 11



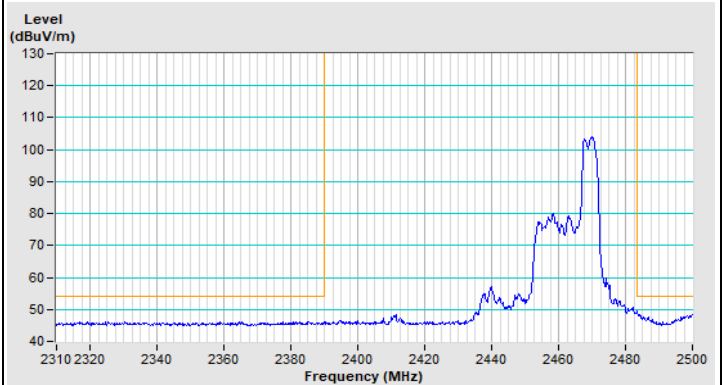
Horizontal (Peak)



Horizontal (Average)

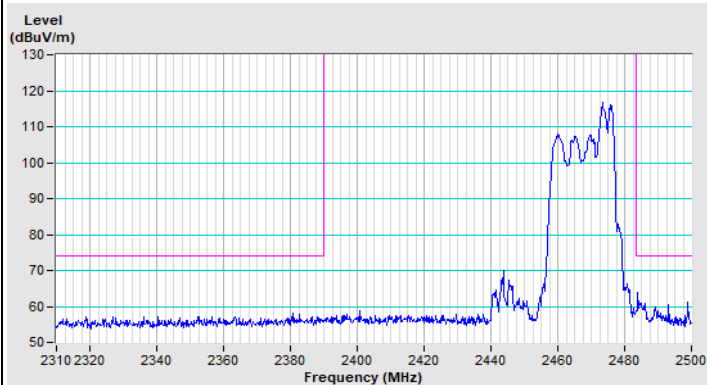


Vertical (Peak)

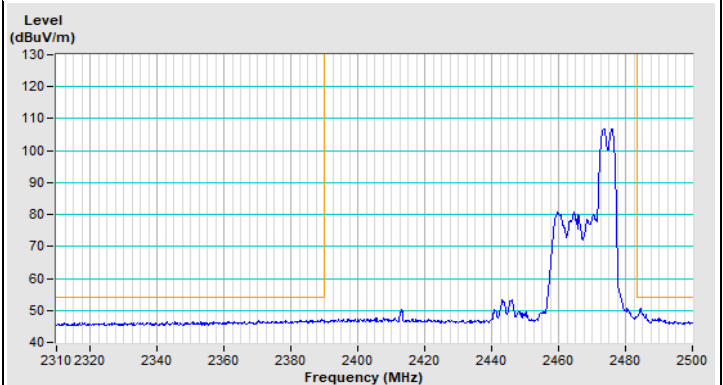


Vertical (Average)

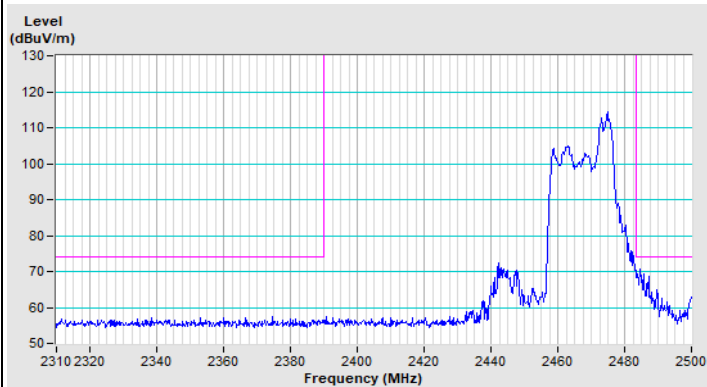
802.11ax (HE20) 52-tone RU Channel 12



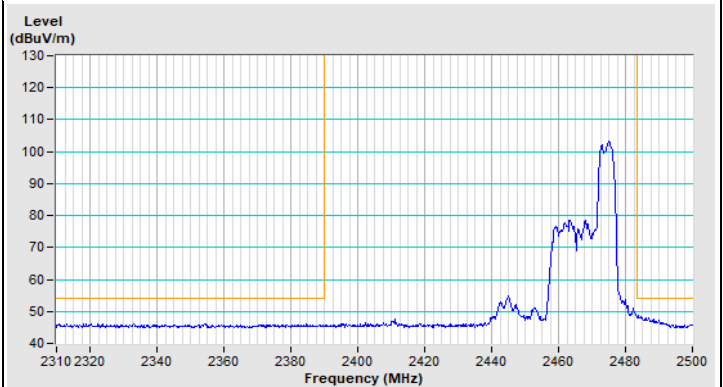
Horizontal (Peak)



Horizontal (Average)

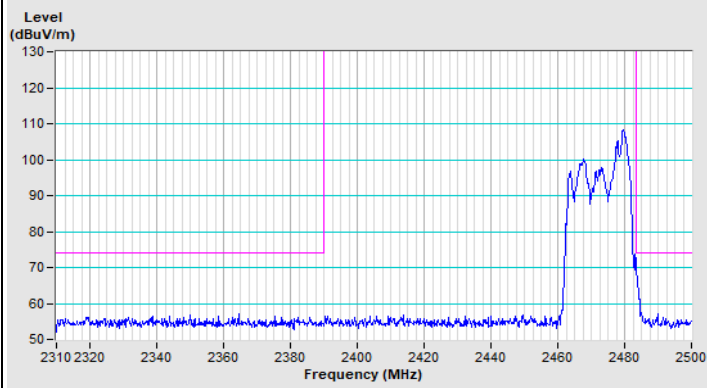


Vertical (Peak)

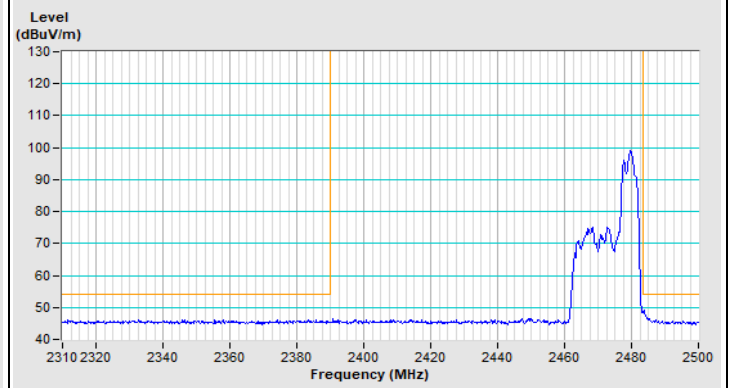


Vertical (Average)

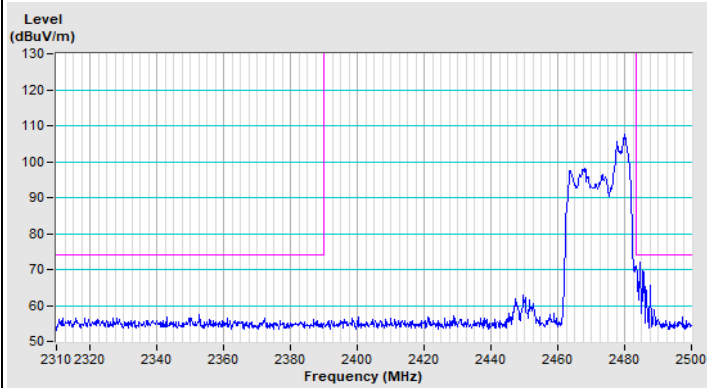
802.11ax (HE20) 52-tone RU Channel 13



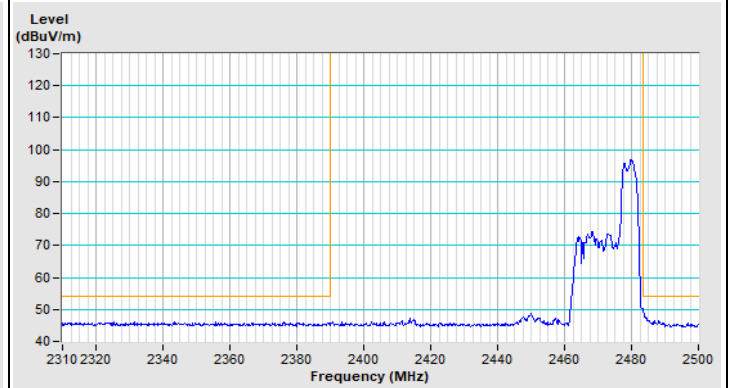
Horizontal (Peak)



Horizontal (Average)



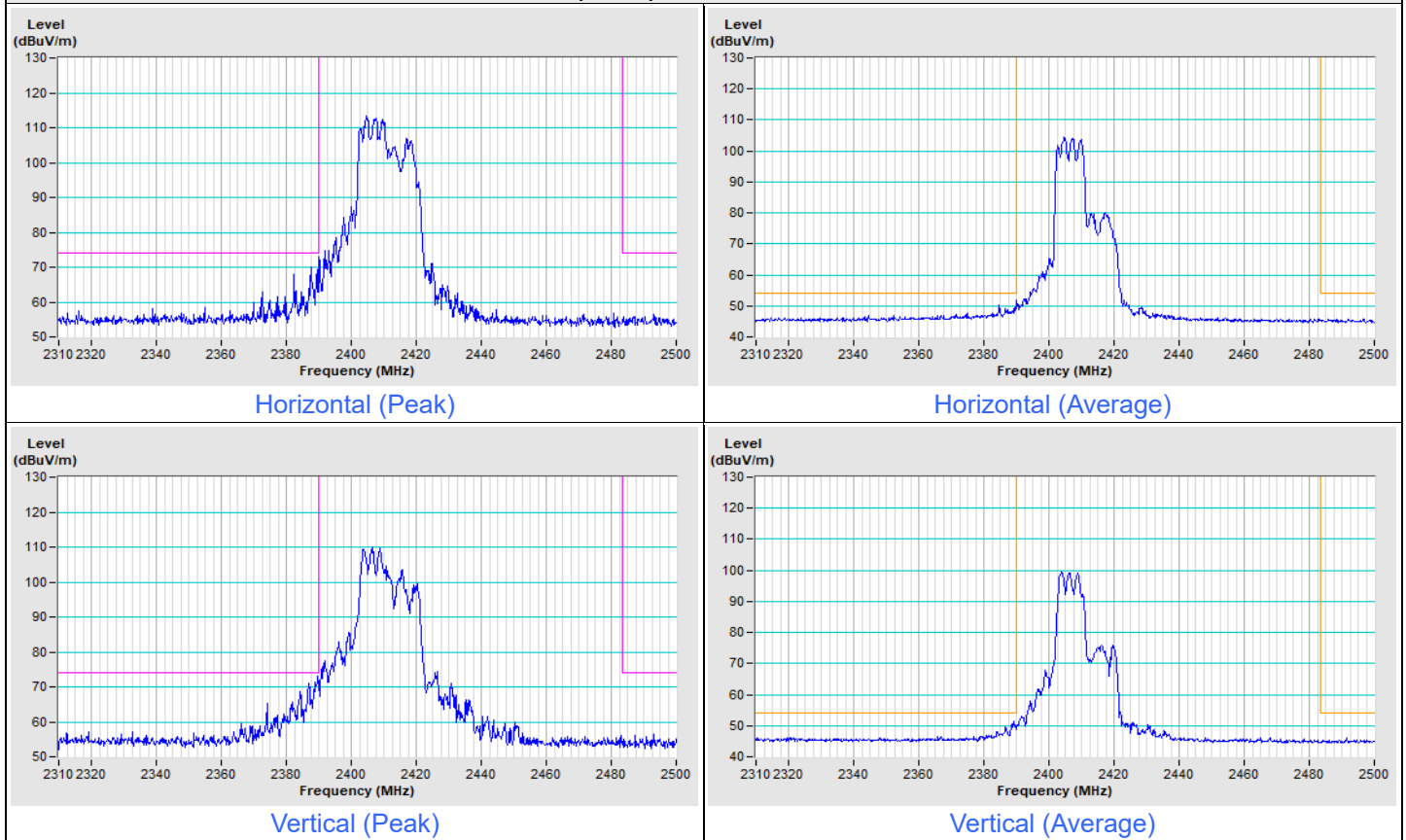
Vertical (Peak)



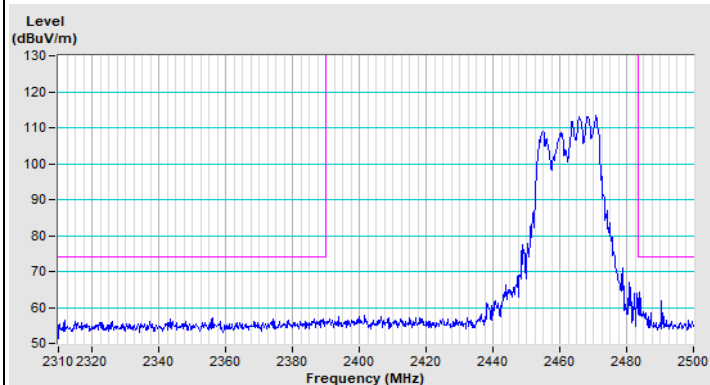
Vertical (Average)

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=5.1 kHz, DET=Peak
-----------------	--------------------	-------------------------------	--

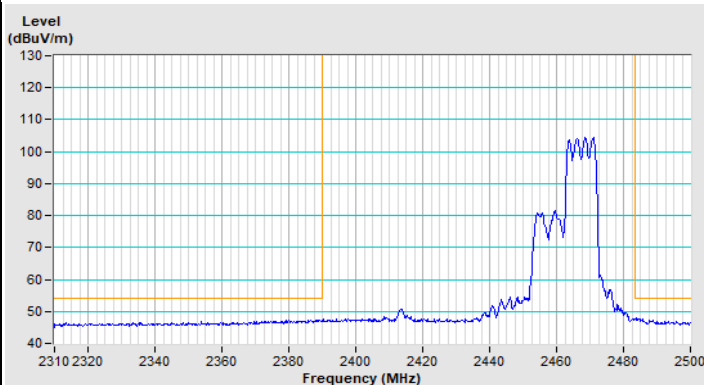
802.11ax (HE20) 106-tone RU Channel 1



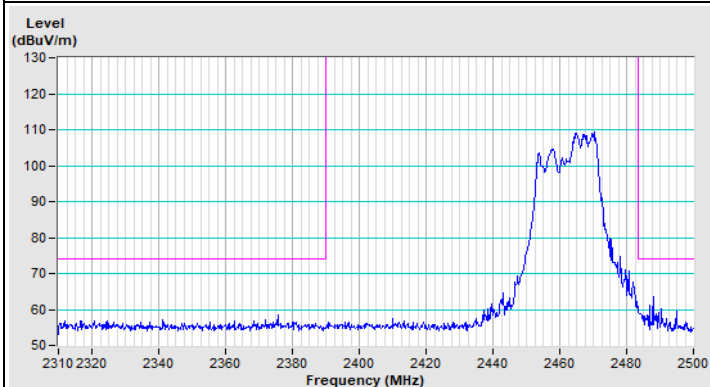
802.11ax (HE20) 106-tone RU Channel 11



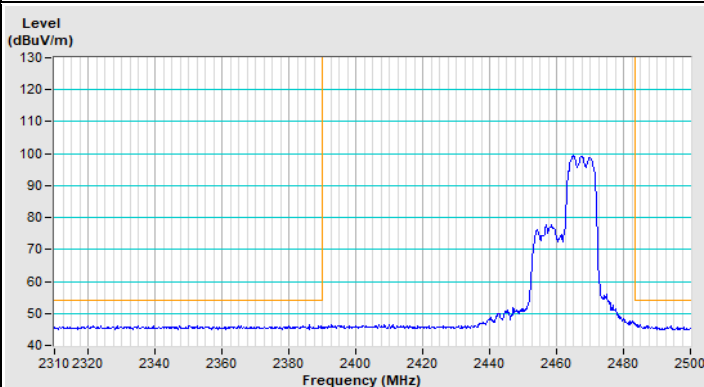
Horizontal (Peak)



Horizontal (Average)

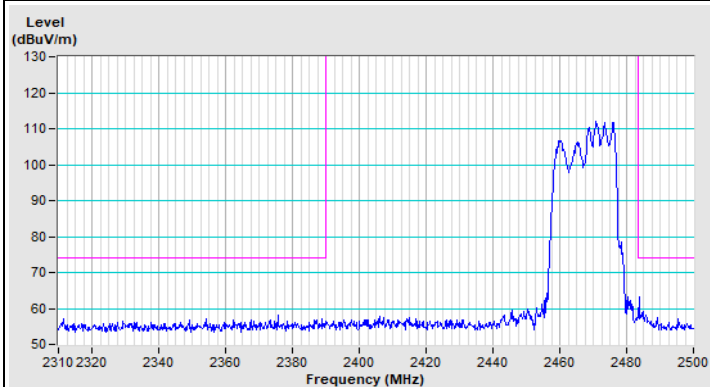


Vertical (Peak)

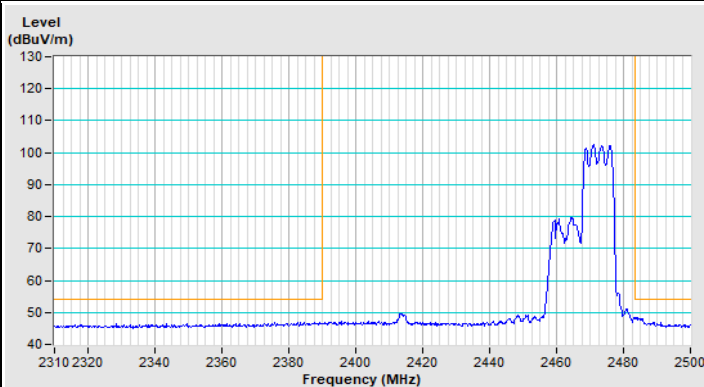


Vertical (Average)

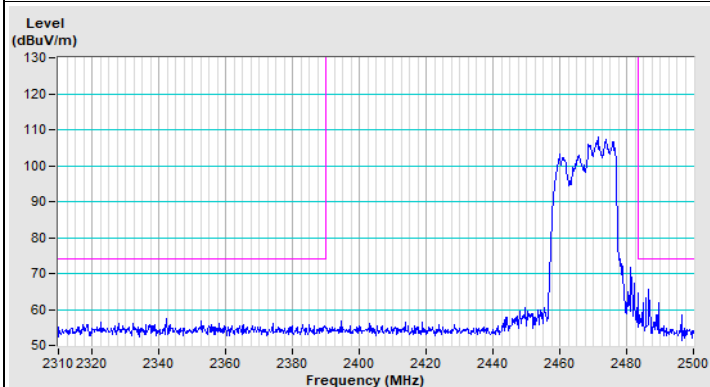
802.11ax (HE20) 106-tone RU Channel 12



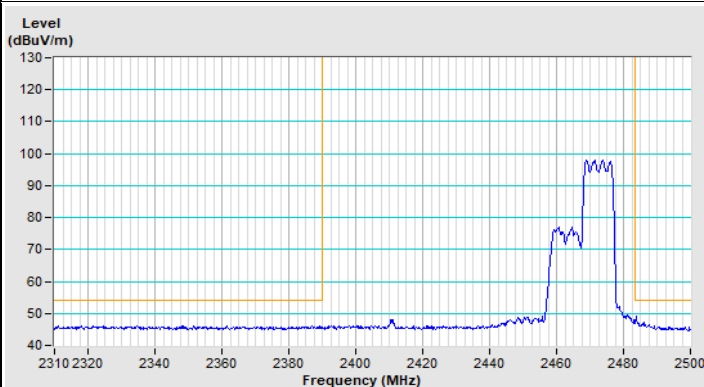
Horizontal (Peak)



Horizontal (Average)

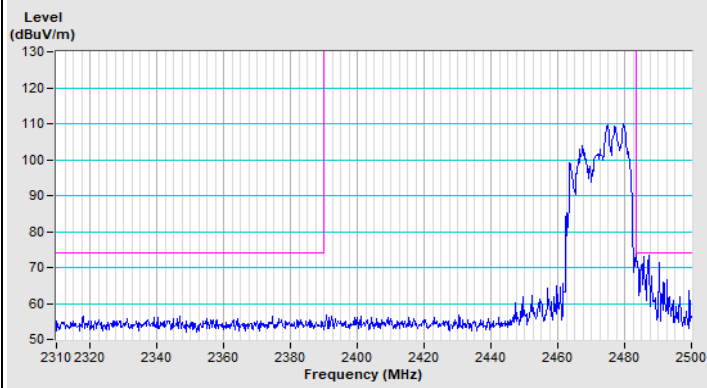


Vertical (Peak)

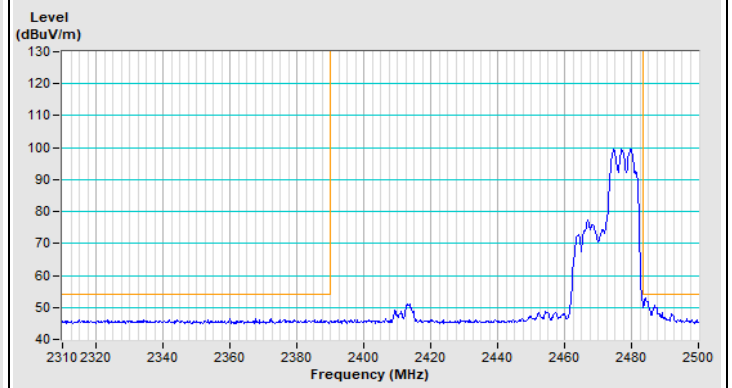


Vertical (Average)

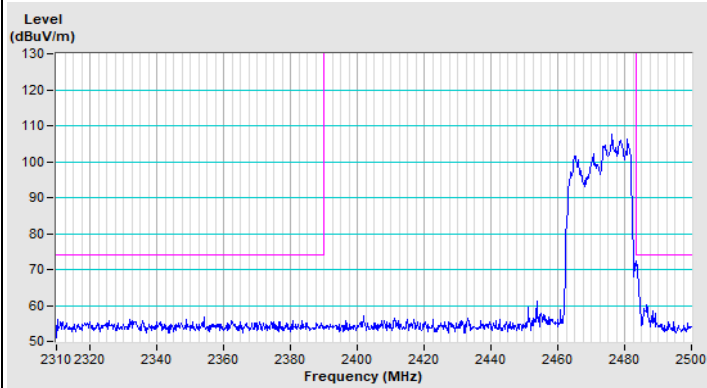
802.11ax (HE20) 106-tone RU Channel 13



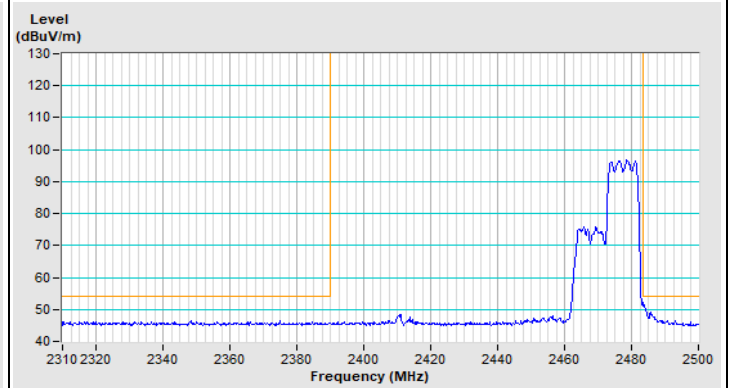
Horizontal (Peak)



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:

Lin Kou EMC/RF Lab

Tel: 886-2-26052180

Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-6668565

Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab

Tel: 886-3-3183232

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.

--- END ---