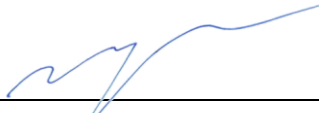


TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)
Report No.: RFBARR-WTW-P21100969F
FCC ID: RAS-MT7902
Product: 1TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card
Brand: MediaTek
Model No.: MT7902
Received Date: 2022/9/13
Test Date: 2022/9/30 ~ 2022/10/13
Issued Date: 2022/10/28
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:** 2022/10/28
May Chen / Manager

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Prepared by : Vivian Huang / Specialist



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Release Control Record

Issue No.	Description	Date Issued
RFBARR-WTW-P21100969F	Original release.	2022/10/28

1 Certificate

Product: 1TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card

Brand: MediaTek

Test Model: MT7902

Sample Status: Engineering sample

Applicant: MediaTek Inc.

Test Date: 2022/9/30 ~ 2022/10/13

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

Measurement ANSI C63.10-2013

procedure: KDB 558074 D01 15.247 Meas Guidance v05r02

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

2 Summary of Test Results

47 CFR FCC Part 15, Subpart C (Section 15.247)			
Standard / Clause	Test Item	Result	Remark
15.247(b)	RF Output Power	NA	Refer to Note 1 below
15.247(e)	Power Spectral Density	NA	Refer to Note 1 below
15.247(a)(2)	6 dB Bandwidth	NA	Refer to Note 1 below
15.247(d)	Conducted Out of Band Emissions	NA	Refer to Note 1 below
15.207	AC Power Conducted Emissions	NA	Refer to Note 1 below
15.205 / 15.209 / 15.247(d)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -5.9 dB at 199.05 MHz
15.205 / 15.209 / 15.247(d)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.1 dB at 2390.00, 2483.50 MHz
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF), R-SMA not a standard connector.

Notes:

1. Unwanted Emissions was 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) (±)
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	1TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card
Brand	MediaTek
Test Model	MT7902
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 11ac mode and VHT in 2.4GHz mode 1024QAM for OFDMA in 11ax mode
Modulation Technology	DSSS, OFDM, OFDMA
Transfer Rate	802.11b: up to 11 Mbps 802.11g: up to 54 Mbps 802.11n: up to 150 Mbps VHT20/40: up to 200 Mbps 802.11ax: up to 286.8 Mbps
Operating Frequency	2.412 ~ 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
Output Power	331.894 mW

Note:

- This is a supplementary report of Report No.: RFBARR-WTW-P21100969. The differences between them are as below information:
 - ◆ Add Dipole antenna (Refer to section 3.2).
 - ◆ Disable 5.9GHz & 6GHz by firmware for Diversity sku.
- According to above conditions, only unwanted emissions needs to be performed. And all data are verified to meet the requirements.
- There are Bluetooth and WLAN (2.4GHz & 5GHz) technology used for the EUT.
- Simultaneously transmission condition.

Condition	Technology	
1	WLAN (5GHz)	Bluetooth

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

- The EUT have four HW SKU as following table:

SKU	Sample	Difference
1	Diversity version A	1. Version A & B are also same PCB with layout change.
2	Diversity version B	2. The difference is adding/removing MOSFET components in GPIO bus for function optional.

Note: For Dipole Antenna, from the above HW SKUs, the worse case was found in **SKU 1**. Therefore only the test data of the SKU was recorded in this report.

- 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 No	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 (only DiversitySample)	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			
	Chain1 (only DiversitySample)	PSA	RFMTA311020EMMB301	4.61	6.525~6.875	PIFA	ipex(MHF)	200
				4.09	6.875~7.125			
				1.71	2.4~2.4835			
				4.82	5.15~5.895			
Chain1 (only DiversitySample)	PSA	RFMTA311020EMMB301	4.76	5.925~6.425	PIFA	ipex(MHF)	200	
			4.29	6.425~6.525				
			4.61	6.525~6.875				
			4.09	6.875~7.125				
Newly								
Antenna Set No	RF Chain NO.	Brand	Model	Antenna Net Gain(dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
3	Chain0	Cortec	AN2450-4902BRS	2.42	2.4~2.4835	Dipole	R-SMA	150
				3.87	5.15~5.85			
	Chain1	Cortec	AN2450-4902BRS	2.42	2.4~2.4835	Dipole	R-SMA	150
				3.87	5.15~5.85			
4	Chain0	ASUS	14008-02650000	1.64	2.4~2.4835	Dipole	SMA RP PLUG	800
				1.15	5.15~5.85			
	Chain1	ASUS	14008-02650000	1.65	2.4~2.4835			
				1.12	5.15~5.85			
5	Chain0	ASUS	14008-02650400	0.4	2.4~2.4835	Dipole	SMA RP PLUG	800
				0.1	5.15~5.85			
	Chain1	ASUS	14008-02650400	-0.8	2.4~2.4835			
				2.7	5.15~5.85			
6	Chain0	ASUS	14008-02650600	0.3	2.4~2.4835	Dipole	SMA RP PLUG	800
				1.3	5.15~5.85			
	Chain1	ASUS	14008-02650600	-1.1	2.4~2.4835			
				-1.1	5.15~5.85			

Note:

1. From the above transmission chains, the worse case was found in transmission on Chain 0 for 1TX diversity sample. Therefore only the test data of the mode was recorded in this report.
2. The Bluetooth technology will fix transmission on Chain 0.
3. For Dipole antenna, max. gain was selected for the final test.

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

2. The EUT incorporates a SISO function:

2.4GHz Band				
MODULATION MODE	TX & RX CONFIGURATION		SISO mode	Beamforming mode
802.11b	1TX Diversity or 1TX	1RX	Support	Not Support
802.11g	1TX Diversity or 1TX	1RX	Support	Not Support
802.11n (HT20)	1TX Diversity or 1TX	1RX	Support	Not Support
802.11n (HT40)	1TX Diversity or 1TX	1RX	Support	Not Support
VHT20	1TX Diversity or 1TX	1RX	Support	Not Support
VHT40	1TX Diversity or 1TX	1RX	Support	Not Support
802.11ax (HE20)	1TX Diversity or 1TX	1RX	Support	Not Support
802.11ax (HE40)	1TX Diversity or 1TX	1RX	Support	Not Support
802.11ax (RU26/52/106/242/484)	1TX Diversity or 1TX	1RX	Support	Not Support

Note:

1. The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz) and VHT mode for 20MHz (40MHz), therefore the manufacturer will control the power for 802.11n/VHT mode is the same as the 802.11ax or more lower than it and investigated worst case to representative mode in test report.
2. For Partial RU, after pre-tested, only the worse cases were chosen for final test and presented in the test report.

3.3 Channel List

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

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

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

Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	2422	8	2447
4	2427	9	2452
5	2432	10	2457
6	2437	11	2462
7	2442		

3.4 Test Mode Applicability and Tested Channel Detail

Worst Case:	1. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
-------------	--

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

Test Item	Mode	Tested Channel	Modulation	Data Rate Parameter
Unwanted Emissions below 1 GHz	802.11b	6	DBPSK	1Mb/s
Unwanted Emissions above 1 GHz	802.11b	1, 6, 11, 12, 13	DBPSK	1Mb/s
	802.11g	1, 6, 11, 12, 13	BPSK	6Mb/s
	802.11ax (HE20)	1, 6, 11, 12, 13	BPSK	MCS0
	802.11ax (HE40)	3, 6, 9, 10, 11	BPSK	MCS0
	802.11ax (HE20 (RU26))	1(26/0), 11(26/8), 12(26/8), 13(26/8)	BPSK	MCS0
	802.11ax (HE20 (RU52))	6(52/37)	BPSK	MCS0
	802.11ax (HE20 (RU106))	1(106/53), 11(106/54), 12(106/54), 13(106/54)	BPSK	MCS0

3.5 Duty Cycle of Test Signal

For Legacy mode:

Duty cycle of test signal is < 98%, duty factor shall be considered.

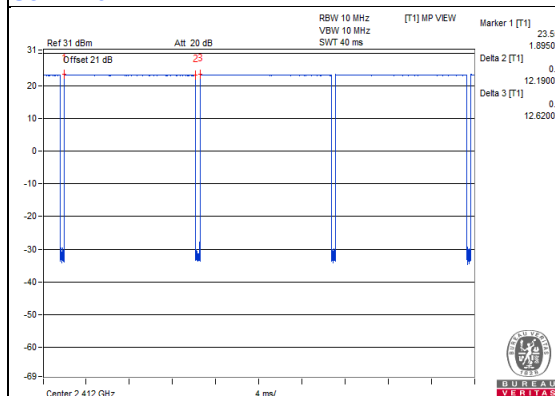
802.11b: Duty cycle = 12.19 ms/12.62 ms = 0.966, Duty factor = 10 * log (1/Duty cycle) = 0.15 dB

802.11g: Duty cycle = 5.48 ms/6.005 ms = 0.913, Duty factor = 10 * log (1/Duty cycle) = 0.40 dB

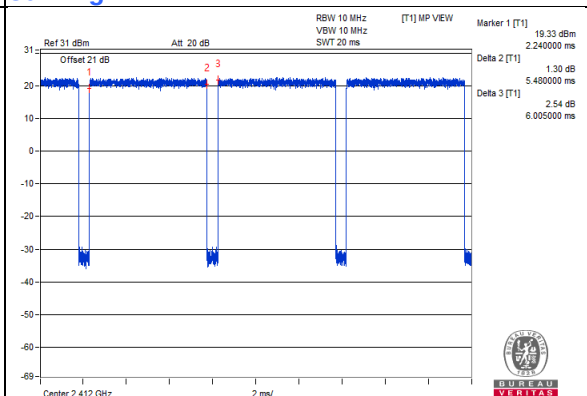
802.11ax (HE20): Duty cycle = 3.875 ms/4.371 ms = 0.887, Duty factor = 10 * log (1/Duty cycle) = 0.52 dB

802.11ax (HE40): Duty cycle = 3.876 ms/4.525 ms = 0.857, Duty factor = 10 * log (1/Duty cycle) = 0.67 dB

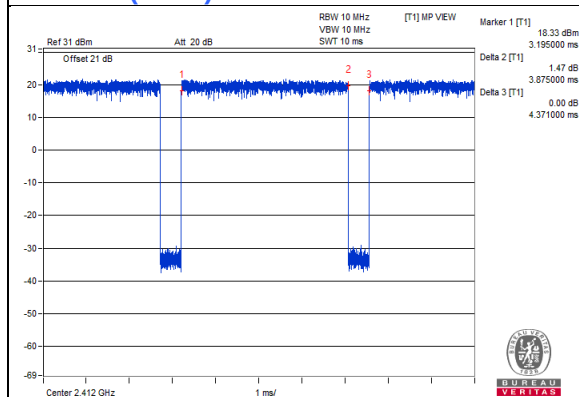
802.11b



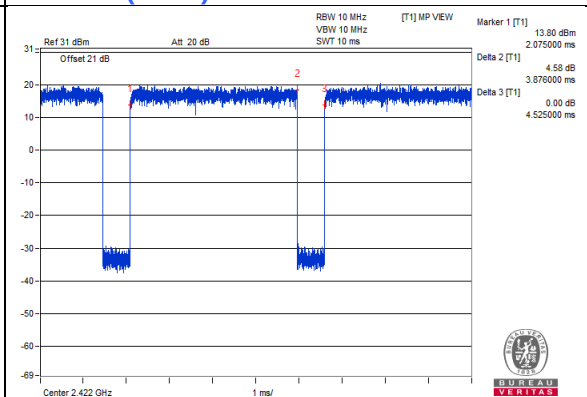
802.11g



802.11ax (HE20)



802.11ax (HE40)



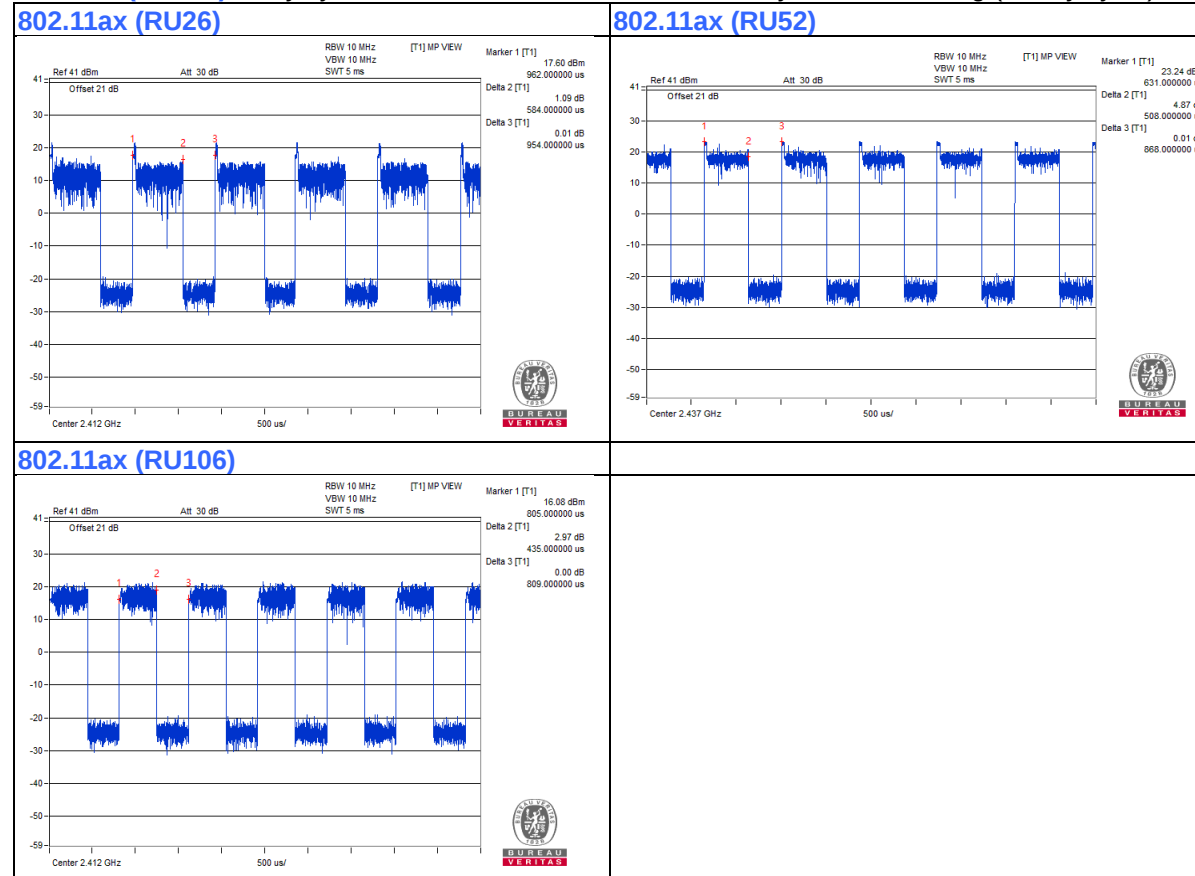
For RU mode:

Duty cycle of test signal is < 98%, duty factor shall be considered.

802.11ax (RU26): Duty cycle = 0.584 ms/0.954 ms = 0.612, Duty factor = $10 * \log (1/\text{Duty cycle}) = 2.13 \text{ dB}$

802.11ax (RU52): Duty cycle = 0.508 ms/0.868 ms = 0.585, Duty factor = $10 * \log (1/\text{Duty cycle}) = 2.33 \text{ dB}$

802.11ax (RU106): Duty cycle = 0.435 ms/0.809 ms = 0.538, Duty factor = $10 * \log (1/\text{Duty cycle}) = 2.69 \text{ dB}$

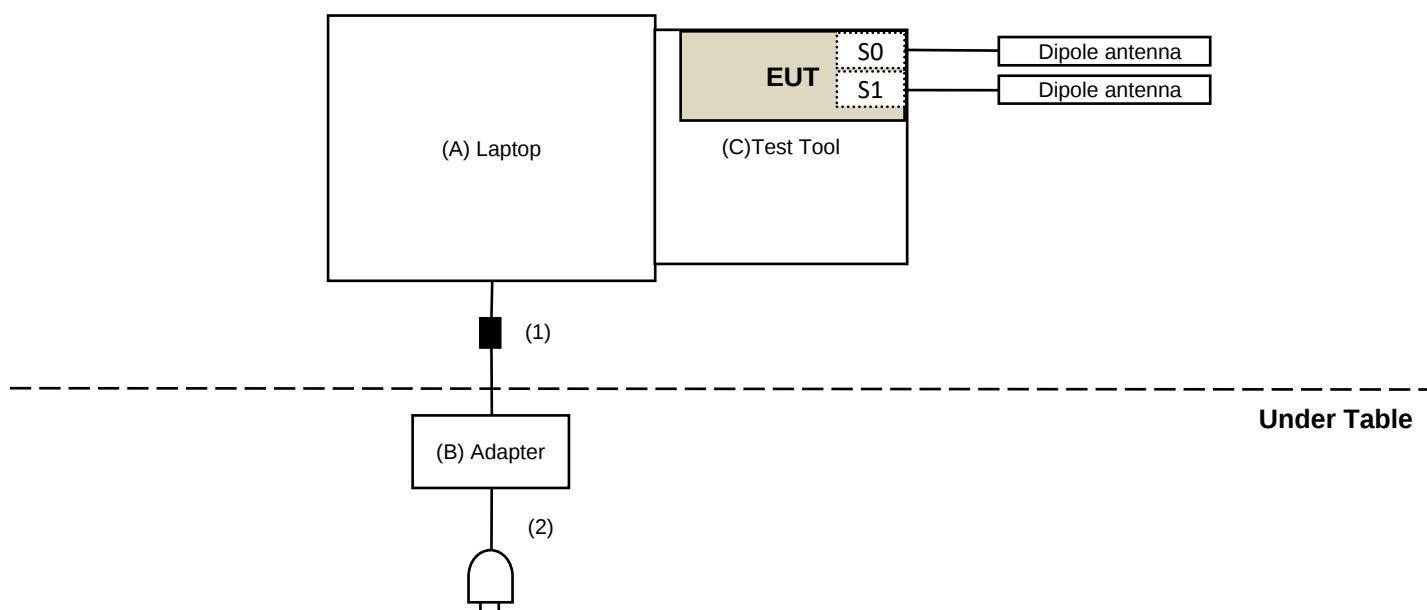


3.6 Test Program Used and Operation Descriptions

Controlling software (MT7902 QA 0.0.2.82) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices

For Unwanted Emission test



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	DELL	E5430	HYV4VY1	DoC	Provided by Lab
B	Adapter	DELL	LLA65NS2-01	N/A	N/A	Provided by Lab
C	Test Tool	Mediatek	MTK1849	N/A	N/A	Supplied by applicant

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

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 Unwanted Emissions below 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
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-03	2022/1/10	2023/1/9
LOOP ANTENNA Electro-Metrics	EM-6879	264	2022/3/18	2023/3/17
Pre_Amplifier Agilent	8447D	2944A10636	2022/3/19	2023/3/18
Pre_Amplifier EMCI	EMC330N	980701	2022/3/8	2023/3/7
RF Coaxial Cable COMMATE/PEWC	8D	966-4-1	2022/3/8	2023/3/7
		966-4-2	2022/3/8	2023/3/7
		966-4-3	2022/3/8	2023/3/7
RF Coaxial Cable JYEBO	5D-FB	LOOPCAB-001	2022/1/6	2023/1/5
		LOOPCAB-002	2022/1/6	2023/1/5
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A
Test Receiver Agilent	N9038A	MY51210202	2021/11/19	2022/11/18
Trilog Broadband Antenna Schwarzbeck	VULB 9168	9168-406	2021/10/27	2022/10/26

Notes:

1. The test was performed in 966 Chamber No. 4.
2. Tested Date: 2022/10/13

4.2 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	2021/11/14	2022/11/13
	BBHA 9170	9170-739	2021/11/14	2022/11/13
Pre_Amplifier EMCI	EMC 12630 SE	980638	2022/4/5	2023/4/4
	EMC184045SE	980387	2022/1/10	2023/1/9
RF Cable-Frequency Range : 1- 26.5GHz EMCI	EMC104-SM-SM-1200	160922	2021/12/24	2022/12/23
RF Cable-Frequency range: 1- 40GHz EMCI	EMC102-KM-KM-1200	160924	2022/1/10	2023/1/9
RF Coaxial Cable EMCI	EMC-KM-KM-4000	200214	2022/3/8	2023/3/7
	EMC104-SM-SM-2000	180502	2022/4/25	2023/4/24
	EMC104-SM-SM-6000	210704	2021/11/9	2022/11/8
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A
Test Receiver Agilent	N9038A	MY51210202	2021/11/19	2022/11/18

Notes:

1. The test was performed in 966 Chamber No. 4.
2. Tested Date: 2022/9/30 ~ 2022/10/13

5 Limits of Test Items

5.1 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 30 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).

5.2 Unwanted Emissions above 1 GHz

Radiated emissions above 1 GHz which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 30 dB below the highest level of the desired power:

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

Notes:

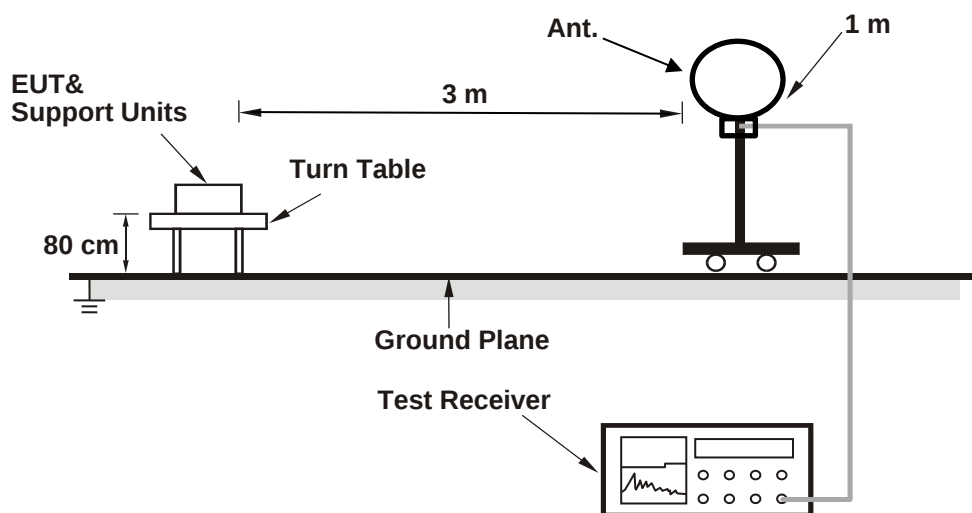
1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

6 Test Arrangements

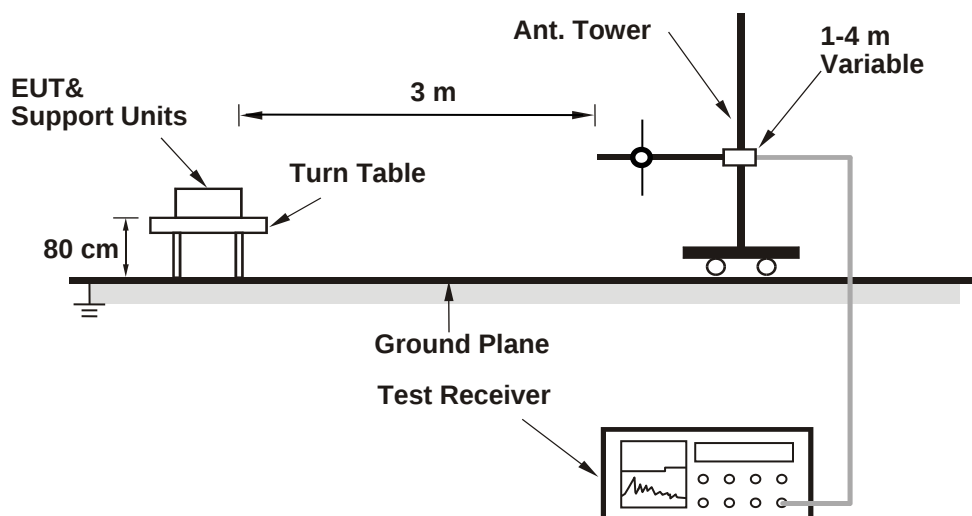
6.1 Unwanted Emissions below 1 GHz

6.1.1 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).

6.1.2 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

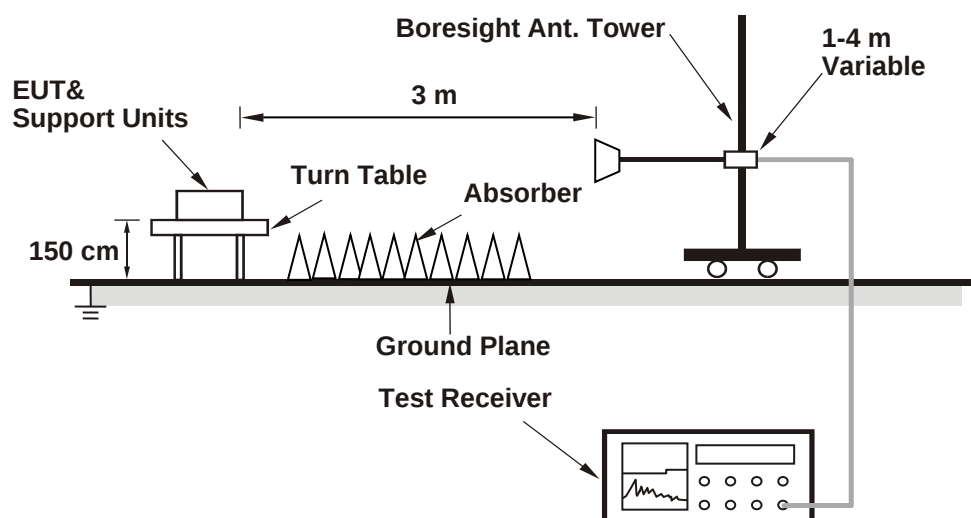
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the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

6.2 Unwanted Emissions above 1 GHz

6.2.1 Test Setup



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

6.2.2 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

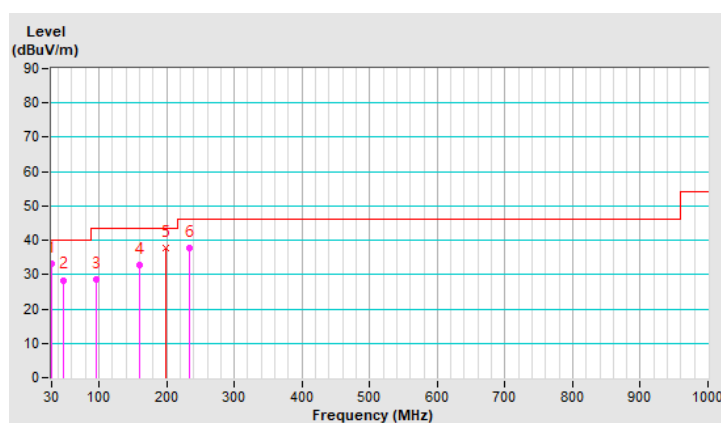
7.1 Unwanted Emissions below 1 GHz

RF Mode	802.11b	Channel	CH 6 : 2437 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.41	33.1 QP	40.0	-6.9	1.00 H	116	46.5	-13.4
2	47.54	28.4 QP	40.0	-11.6	1.00 H	170	40.6	-12.2
3	95.30	28.7 QP	43.5	-14.8	1.00 H	248	45.9	-17.2
4	159.27	32.7 QP	43.5	-10.8	1.00 H	236	44.3	-11.6
5	199.05	37.6 QP	43.5	-5.9	1.00 H	285	52.3	-14.7
6	232.88	37.7 QP	46.0	-8.3	1.50 H	340	51.4	-13.7

Remarks:

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

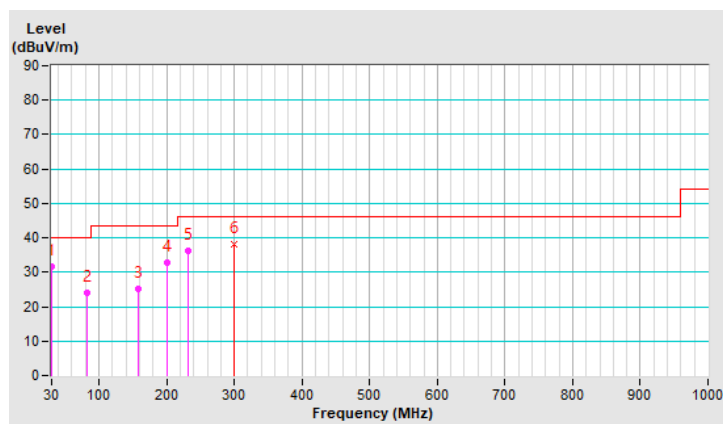


RF Mode	802.11b	Channel	CH 6 : 2437 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.63	31.6 QP	40.0	-8.4	1.00 V	328	45.1	-13.5
2	83.24	24.1 QP	40.0	-15.9	1.50 V	221	41.7	-17.6
3	157.69	25.1 QP	43.5	-18.4	1.00 V	306	36.6	-11.5
4	199.78	32.7 QP	43.5	-10.8	2.00 V	273	47.4	-14.7
5	232.51	36.2 QP	46.0	-9.8	1.00 V	353	49.9	-13.7
6	298.84	38.0 QP	46.0	-8.0	1.00 V	184	48.5	-10.5

Remarks:

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



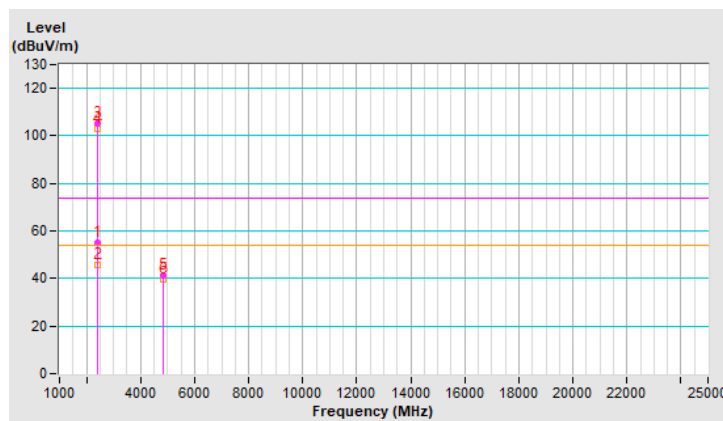
7.2 Unwanted Emissions above 1 GHz

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 (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	54.9 PK	74.0	-19.1	1.45 H	157	63.7	-8.8
2	2390.00	45.8 AV	54.0	-8.2	1.45 H	157	54.6	-8.8
3	*2412.00	105.4 PK			1.45 H	157	114.2	-8.8
4	*2412.00	103.2 AV			1.45 H	157	112.0	-8.8
5	4824.00	41.1 PK	74.0	-32.9	1.29 H	320	44.4	-3.3
6	4824.00	39.6 AV	54.0	-14.4	1.29 H	320	42.9	-3.3

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.

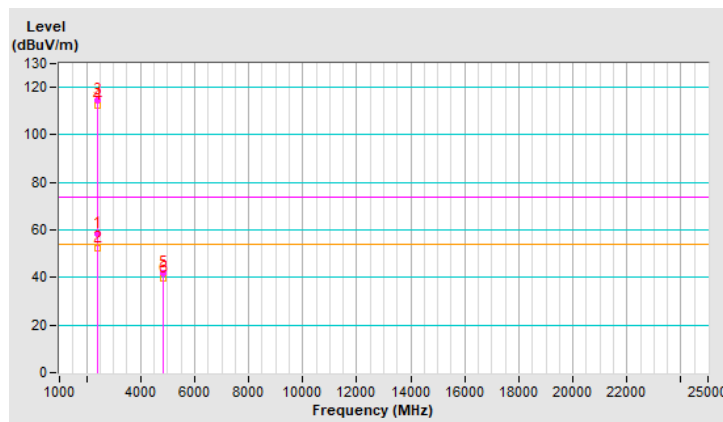


RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	1.67 V	227	67.0	-8.8
2	2390.00	52.3 AV	54.0	-1.7	1.67 V	227	61.1	-8.8
3	*2412.00	114.8 PK			1.67 V	227	123.6	-8.8
4	*2412.00	112.6 AV			1.67 V	227	121.4	-8.8
5	4824.00	41.8 PK	74.0	-32.2	1.52 V	134	45.1	-3.3
6	4824.00	39.6 AV	54.0	-14.4	1.52 V	134	42.9	-3.3

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.

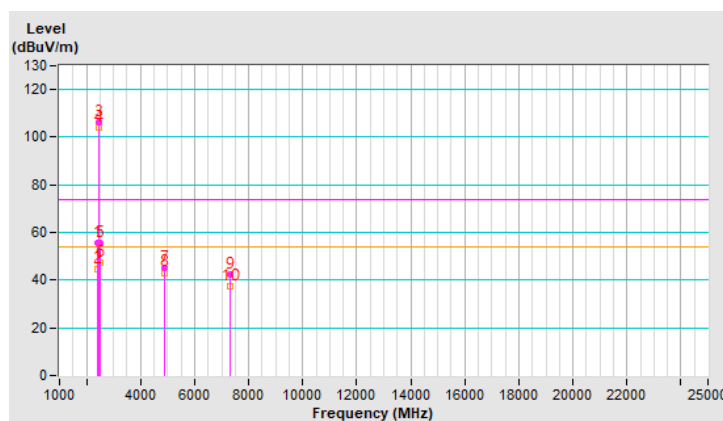


RF Mode	802.11b	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	55.7 PK	74.0	-18.3	1.44 H	156	64.5	-8.8
2	2390.00	44.5 AV	54.0	-9.5	1.44 H	156	53.3	-8.8
3	*2437.00	106.2 PK			1.44 H	156	115.0	-8.8
4	*2437.00	104.2 AV			1.44 H	156	113.0	-8.8
5	2483.50	55.7 PK	74.0	-18.3	1.44 H	156	64.5	-8.8
6	2483.50	47.1 AV	54.0	-6.9	1.44 H	156	55.9	-8.8
7	4874.00	44.9 PK	74.0	-29.1	1.33 H	333	48.3	-3.4
8	4874.00	43.2 AV	54.0	-10.8	1.33 H	333	46.6	-3.4
9	7311.00	42.2 PK	74.0	-31.8	1.46 H	334	38.4	3.8
10	7311.00	37.4 AV	54.0	-16.6	1.46 H	334	33.6	3.8

Remarks:

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

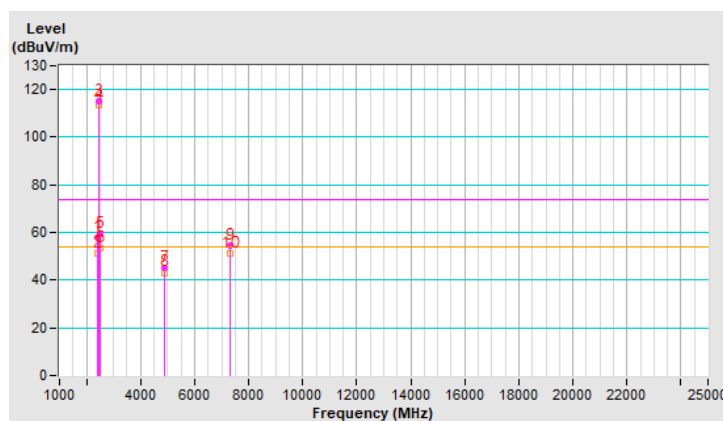


RF Mode	802.11b	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	57.9 PK	74.0	-16.1	1.36 V	82	66.7	-8.8
2	2390.00	51.4 AV	54.0	-2.6	1.36 V	82	60.2	-8.8
3	*2437.00	115.2 PK			1.36 V	82	124.0	-8.8
4	*2437.00	113.2 AV			1.36 V	82	122.0	-8.8
5	2483.50	59.3 PK	74.0	-14.7	1.36 V	82	68.1	-8.8
6	2483.50	53.4 AV	54.0	-0.6	1.36 V	82	62.2	-8.8
7	4874.00	45.3 PK	74.0	-28.7	1.50 V	129	48.7	-3.4
8	4874.00	43.2 AV	54.0	-10.8	1.50 V	129	46.6	-3.4
9	7311.00	54.7 PK	74.0	-19.3	1.49 V	138	50.9	3.8
10	7311.00	51.4 AV	54.0	-2.6	1.49 V	138	47.6	3.8

Remarks:

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

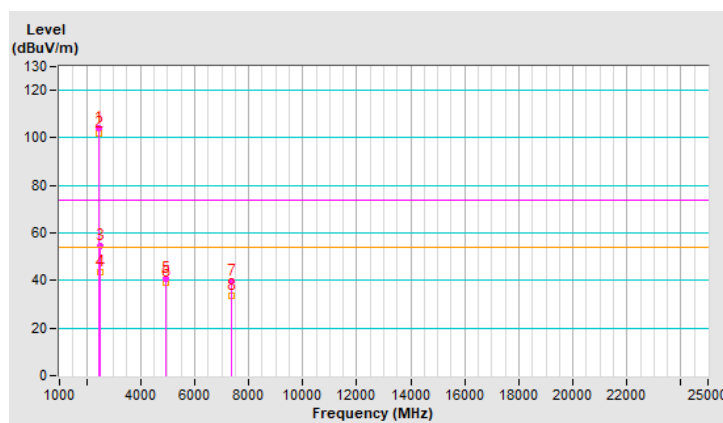


RF Mode	802.11b	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	104.2 PK			1.89 H	206	113.0	-8.8
2	*2462.00	101.8 AV			1.89 H	206	110.6	-8.8
3	2483.50	54.7 PK	74.0	-19.3	1.89 H	206	63.5	-8.8
4	2483.50	43.6 AV	54.0	-10.4	1.89 H	206	52.4	-8.8
5	4924.00	40.7 PK	74.0	-33.3	1.35 H	328	43.9	-3.2
6	4924.00	38.9 AV	54.0	-15.1	1.35 H	328	42.1	-3.2
7	7386.00	39.4 PK	74.0	-34.6	1.42 H	329	35.3	4.1
8	7386.00	33.6 AV	54.0	-20.4	1.42 H	329	29.5	4.1

Remarks:

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

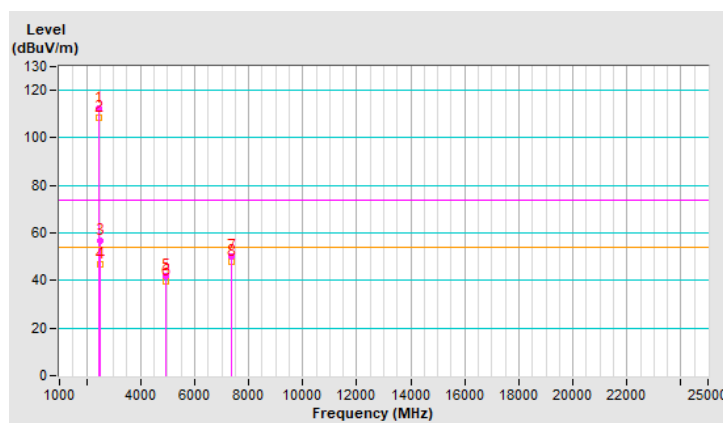


RF Mode	802.11b	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	112.1 PK			1.20 V	282	120.9	-8.8
2	*2462.00	108.7 AV			1.20 V	282	117.5	-8.8
3	2483.50	56.8 PK	74.0	-17.2	1.20 V	282	65.6	-8.8
4	2483.50	46.8 AV	54.0	-7.2	1.20 V	282	55.6	-8.8
5	4924.00	41.6 PK	74.0	-32.4	1.45 V	139	44.8	-3.2
6	4924.00	39.5 AV	54.0	-14.5	1.45 V	139	42.7	-3.2
7	7386.00	49.9 PK	74.0	-24.1	1.44 V	142	45.8	4.1
8	7386.00	47.9 AV	54.0	-6.1	1.44 V	142	43.8	4.1

Remarks:

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

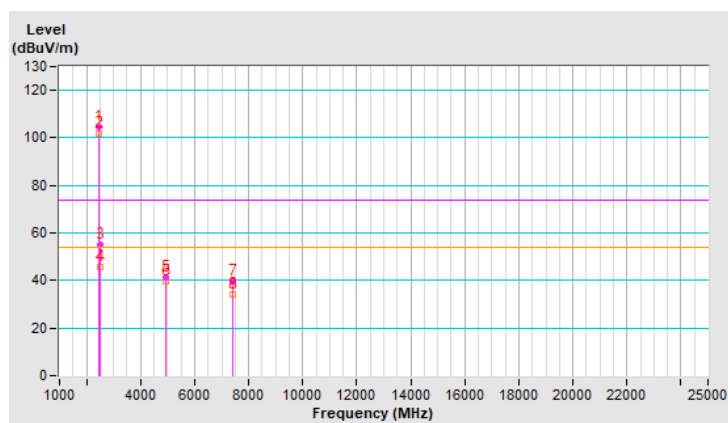


RF Mode	802.11b	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2467.00	104.5 PK			1.22 H	153	113.3	-8.8
2	*2467.00	102.1 AV			1.22 H	153	110.9	-8.8
3	2483.50	55.0 PK	74.0	-19.0	1.22 H	153	63.8	-8.8
4	2483.50	45.6 AV	54.0	-8.4	1.22 H	153	54.4	-8.8
5	4934.00	41.1 PK	74.0	-32.9	1.30 H	326	44.3	-3.2
6	4934.00	39.4 AV	54.0	-14.6	1.30 H	326	42.6	-3.2
7	7401.00	39.6 PK	74.0	-34.4	1.44 H	329	35.5	4.1
8	7401.00	34.1 AV	54.0	-19.9	1.44 H	329	30.0	4.1

Remarks:

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

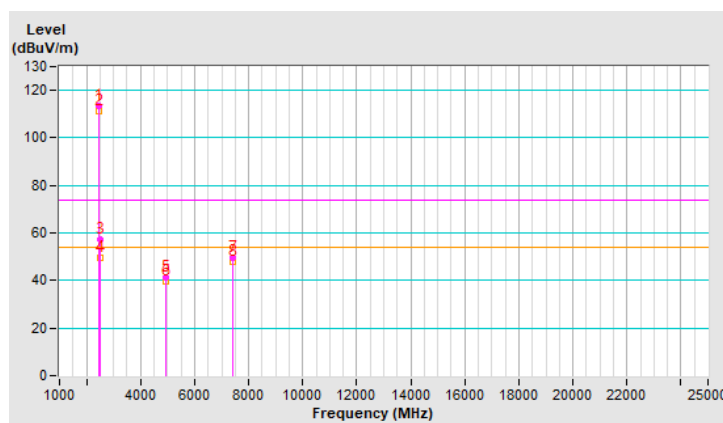


RF Mode	802.11b	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2467.00	113.2 PK			1.24 V	202	122.0	-8.8
2	*2467.00	111.3 AV			1.24 V	202	120.1	-8.8
3	2483.50	57.4 PK	74.0	-16.6	1.24 V	202	66.2	-8.8
4	2483.50	49.8 AV	54.0	-4.2	1.24 V	202	58.6	-8.8
5	4934.00	41.5 PK	74.0	-32.5	1.51 V	124	44.7	-3.2
6	4934.00	39.4 AV	54.0	-14.6	1.51 V	124	42.6	-3.2
7	7401.00	49.4 PK	74.0	-24.6	1.45 V	156	45.3	4.1
8	7401.00	47.7 AV	54.0	-6.3	1.45 V	156	43.6	4.1

Remarks:

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

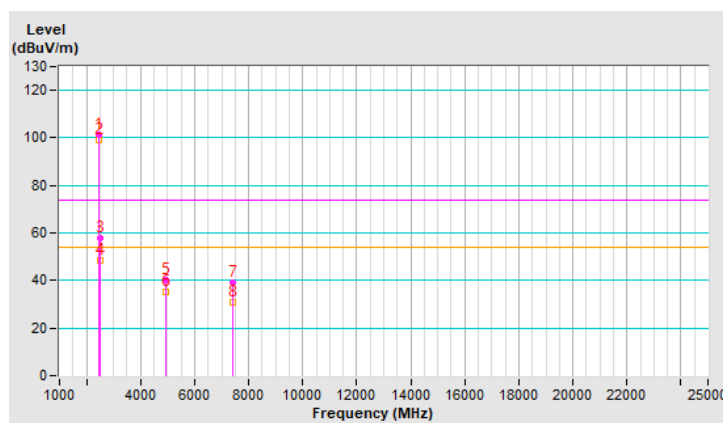


RF Mode	802.11b	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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			1.18 H	153	110.1	-8.8
2	*2472.00	98.9 AV			1.18 H	153	107.7	-8.8
3	2483.50	57.6 PK	74.0	-16.4	1.18 H	153	66.4	-8.8
4	2483.50	48.6 AV	54.0	-5.4	1.18 H	153	57.4	-8.8
5	4944.00	40.1 PK	74.0	-33.9	1.26 H	339	43.2	-3.1
6	4944.00	35.4 AV	54.0	-18.6	1.26 H	339	38.5	-3.1
7	7416.00	39.2 PK	74.0	-34.8	1.42 H	337	35.1	4.1
8	7416.00	30.8 AV	54.0	-23.2	1.42 H	337	26.7	4.1

Remarks:

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

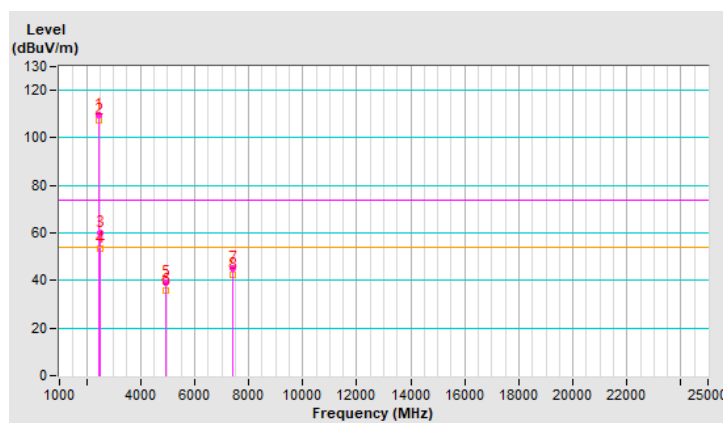


RF Mode	802.11b	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2472.00	109.8 PK			1.54 V	206	118.6	-8.8
2	*2472.00	107.6 AV			1.54 V	206	116.4	-8.8
3	2483.50	60.1 PK	74.0	-13.9	1.54 V	206	68.9	-8.8
4	2483.50	53.6 AV	54.0	-0.4	1.54 V	206	62.4	-8.8
5	4944.00	39.2 PK	74.0	-34.8	1.51 V	134	42.3	-3.1
6	4944.00	35.6 AV	54.0	-18.4	1.51 V	134	38.7	-3.1
7	7416.00	45.0 PK	74.0	-29.0	1.47 V	162	40.9	4.1
8	7416.00	42.5 AV	54.0	-11.5	1.47 V	162	38.4	4.1

Remarks:

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

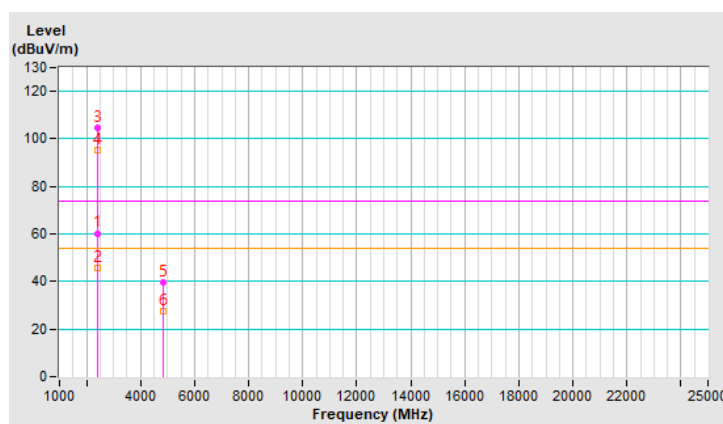


RF Mode	802.11g	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	60.3 PK	74.0	-13.7	1.44 H	158	69.1	-8.8
2	2390.00	45.7 AV	54.0	-8.3	1.44 H	158	54.5	-8.8
3	*2412.00	104.5 PK			1.44 H	158	113.3	-8.8
4	*2412.00	95.5 AV			1.44 H	158	104.3	-8.8
5	4824.00	39.6 PK	74.0	-34.4	1.46 H	327	42.9	-3.3
6	4824.00	27.3 AV	54.0	-26.7	1.46 H	327	30.6	-3.3

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.

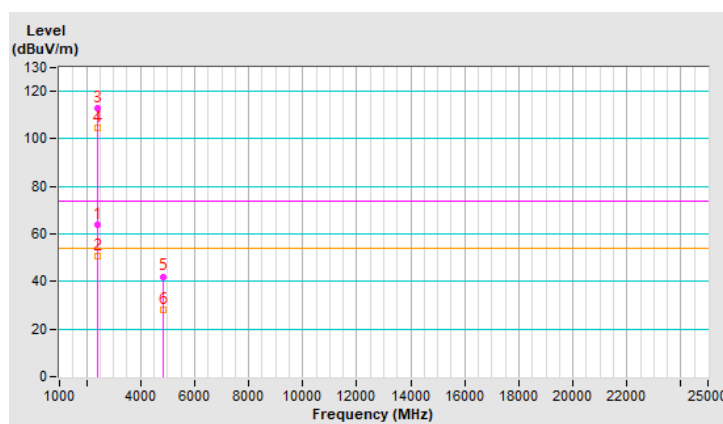


RF Mode	802.11g	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	63.9 PK	74.0	-10.1	1.15 V	220	72.7	-8.8
2	2390.00	50.6 AV	54.0	-3.4	1.15 V	220	59.4	-8.8
3	*2412.00	113.0 PK			1.15 V	220	121.8	-8.8
4	*2412.00	104.5 AV			1.15 V	220	113.3	-8.8
5	4824.00	42.1 PK	74.0	-31.9	1.46 V	138	45.4	-3.3
6	4824.00	28.3 AV	54.0	-25.7	1.46 V	138	31.6	-3.3

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.

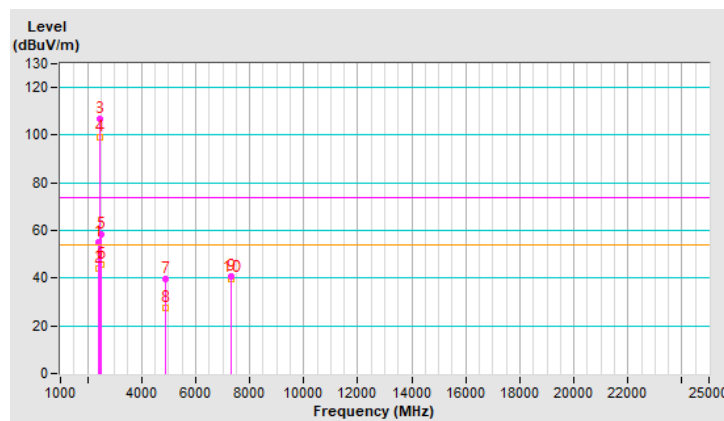


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	55.3 PK	74.0	-18.7	1.41 H	155	64.1	-8.8
2	2390.00	44.3 AV	54.0	-9.7	1.41 H	155	53.1	-8.8
3	*2437.00	107.0 PK			1.41 H	155	115.8	-8.8
4	*2437.00	98.9 AV			1.41 H	155	107.7	-8.8
5	2483.50	58.5 PK	74.0	-15.5	1.41 H	155	67.3	-8.8
6	2483.50	45.5 AV	54.0	-8.5	1.41 H	155	54.3	-8.8
7	4874.00	39.8 PK	74.0	-34.2	1.42 H	332	43.2	-3.4
8	4874.00	27.6 AV	54.0	-26.4	1.42 H	332	31.0	-3.4
9	7311.00	40.9 PK	74.0	-33.1	1.43 H	206	37.1	3.8
10	7311.00	39.9 AV	54.0	-14.1	1.43 H	206	36.1	3.8

Remarks:

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

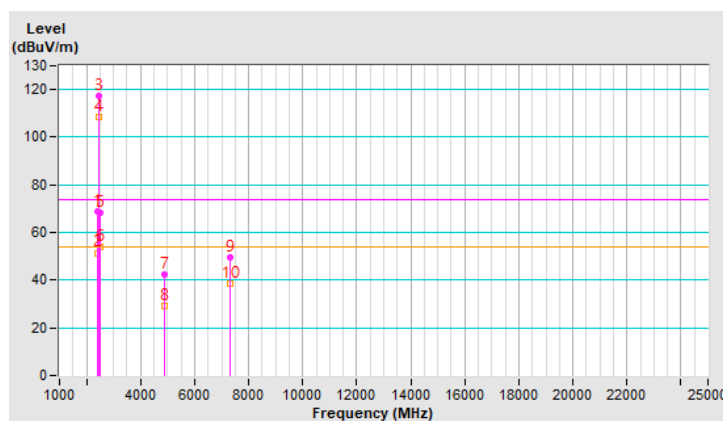


RF Mode	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	68.8 PK	74.0	-5.2	1.50 V	197	77.6	-8.8
2	2390.00	51.5 AV	54.0	-2.5	1.50 V	197	60.3	-8.8
3	*2437.00	117.1 PK			1.50 V	197	125.9	-8.8
4	*2437.00	108.6 AV			1.50 V	197	117.4	-8.8
5	2483.50	68.5 PK	74.0	-5.5	1.50 V	197	77.3	-8.8
6	2483.50	53.8 AV	54.0	-0.2	1.50 V	197	62.6	-8.8
7	4874.00	42.6 PK	74.0	-31.4	1.52 V	128	46.0	-3.4
8	4874.00	29.1 AV	54.0	-24.9	1.52 V	128	32.5	-3.4
9	7311.00	49.7 PK	74.0	-24.3	1.50 V	139	45.9	3.8
10	7311.00	38.6 AV	54.0	-15.4	1.50 V	139	34.8	3.8

Remarks:

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

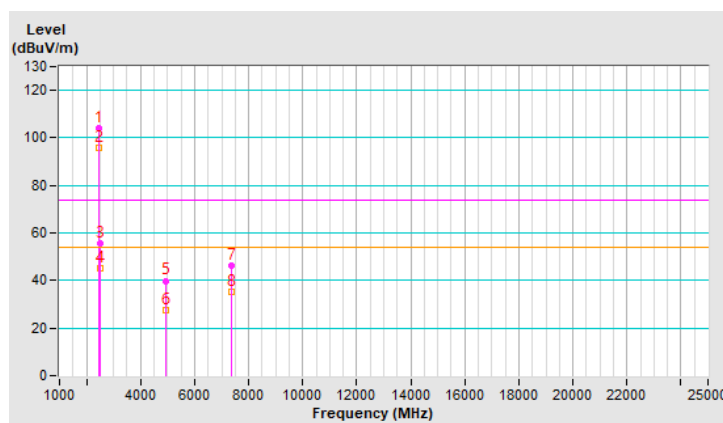


RF Mode	802.11g	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	104.1 PK			2.21 H	216	112.9	-8.8
2	*2462.00	96.0 AV			2.21 H	216	104.8	-8.8
3	2483.50	55.5 PK	74.0	-18.5	2.21 H	216	64.3	-8.8
4	2483.50	45.2 AV	54.0	-8.8	2.21 H	216	54.0	-8.8
5	4924.00	39.9 PK	74.0	-34.1	1.47 H	328	43.1	-3.2
6	4924.00	27.4 AV	54.0	-26.6	1.47 H	328	30.6	-3.2
7	7386.00	46.2 PK	74.0	-27.8	1.49 H	200	42.1	4.1
8	7386.00	35.4 AV	54.0	-18.6	1.49 H	200	31.3	4.1

Remarks:

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

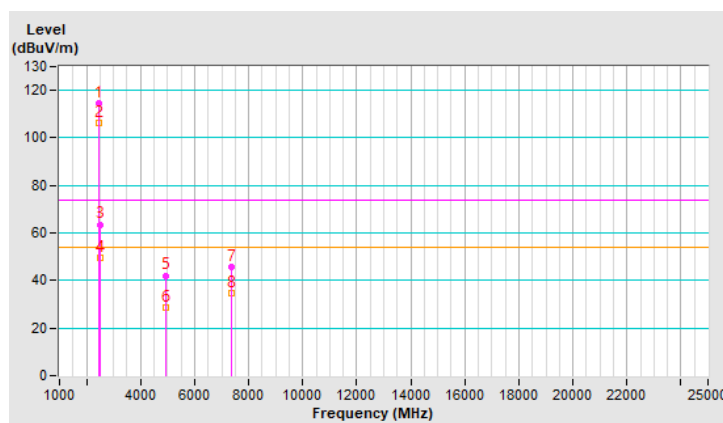


RF Mode	802.11g	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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			1.38 V	286	123.4	-8.8
2	*2462.00	106.1 AV			1.38 V	286	114.9	-8.8
3	2483.50	63.6 PK	74.0	-10.4	1.38 V	286	72.4	-8.8
4	2483.50	49.4 AV	54.0	-4.6	1.38 V	286	58.2	-8.8
5	4924.00	42.1 PK	74.0	-31.9	1.49 V	140	45.3	-3.2
6	4924.00	28.6 AV	54.0	-25.4	1.49 V	140	31.8	-3.2
7	7386.00	45.7 PK	74.0	-28.3	1.45 V	146	41.6	4.1
8	7386.00	34.6 AV	54.0	-19.4	1.45 V	146	30.5	4.1

Remarks:

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

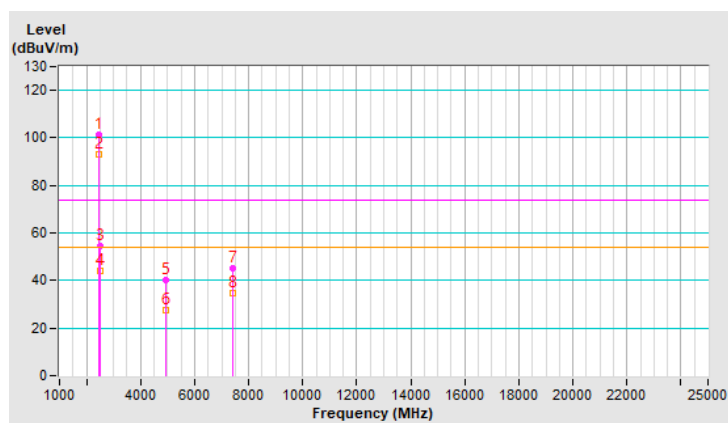


RF Mode	802.11g	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	101.1 PK			1.24 H	155	109.9	-8.8
2	*2467.00	93.3 AV			1.24 H	155	102.1	-8.8
3	2483.50	54.7 PK	74.0	-19.3	1.24 H	155	63.5	-8.8
4	2483.50	44.3 AV	54.0	-9.7	1.24 H	155	53.1	-8.8
5	4934.00	40.1 PK	74.0	-33.9	1.42 H	320	43.3	-3.2
6	4934.00	27.5 AV	54.0	-26.5	1.42 H	320	30.7	-3.2
7	7401.00	45.4 PK	74.0	-28.6	1.52 H	206	41.3	4.1
8	7401.00	34.9 AV	54.0	-19.1	1.52 H	206	30.8	4.1

Remarks:

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

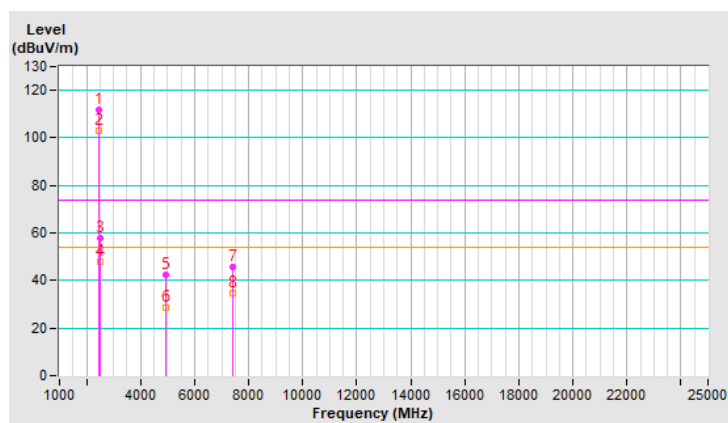


RF Mode	802.11g	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	111.7 PK			1.59 V	206	120.5	-8.8
2	*2467.00	103.1 AV			1.59 V	206	111.9	-8.8
3	2483.50	57.8 PK	74.0	-16.2	1.59 V	206	66.6	-8.8
4	2483.50	47.7 AV	54.0	-6.3	1.59 V	206	56.5	-8.8
5	4934.00	42.2 PK	74.0	-31.8	1.47 V	147	45.4	-3.2
6	4934.00	28.7 AV	54.0	-25.3	1.47 V	147	31.9	-3.2
7	7401.00	45.8 PK	74.0	-28.2	1.40 V	160	41.7	4.1
8	7401.00	34.5 AV	54.0	-19.5	1.40 V	160	30.4	4.1

Remarks:

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

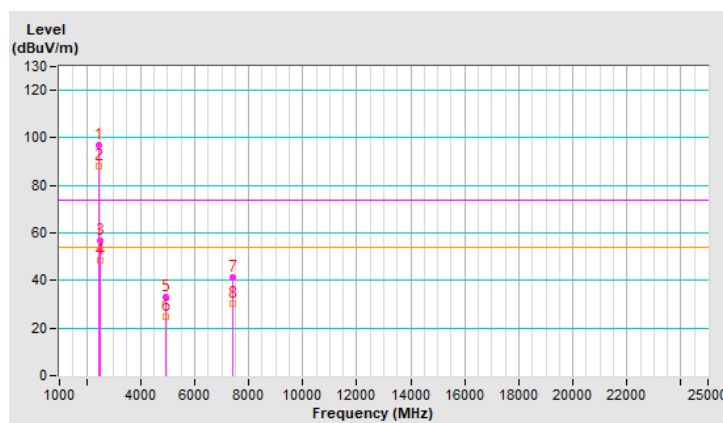


RF Mode	802.11g	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2472.00	97.0 PK			1.23 H	155	105.8	-8.8
2	*2472.00	88.1 AV			1.23 H	155	96.9	-8.8
3	2483.50	56.8 PK	74.0	-17.2	1.23 H	155	65.6	-8.8
4	2483.50	48.7 AV	54.0	-5.3	1.23 H	155	57.5	-8.8
5	4944.00	32.8 PK	74.0	-41.2	1.40 H	329	35.9	-3.1
6	4944.00	24.6 AV	54.0	-29.4	1.40 H	329	27.7	-3.1
7	7416.00	41.1 PK	74.0	-32.9	1.56 H	202	37.0	4.1
8	7416.00	30.4 AV	54.0	-23.6	1.56 H	202	26.3	4.1

Remarks:

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

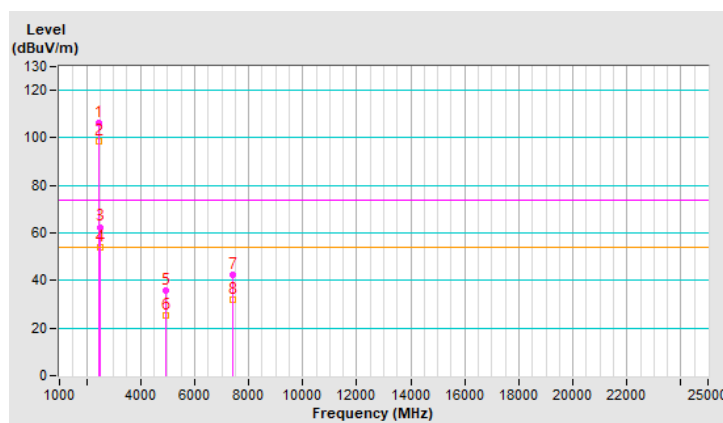


RF Mode	802.11g	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 200 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	106.5 PK			1.54 V	204	115.3	-8.8
2	*2472.00	98.5 AV			1.54 V	204	107.3	-8.8
3	2483.50	62.5 PK	74.0	-11.5	1.54 V	204	71.3	-8.8
4	2483.50	53.8 AV	54.0	-0.2	1.54 V	204	62.6	-8.8
5	4944.00	35.7 PK	74.0	-38.3	1.46 V	133	38.8	-3.1
6	4944.00	25.2 AV	54.0	-28.8	1.46 V	133	28.3	-3.1
7	7416.00	42.3 PK	74.0	-31.7	1.49 V	150	38.2	4.1
8	7416.00	31.7 AV	54.0	-22.3	1.49 V	150	27.6	4.1

Remarks:

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

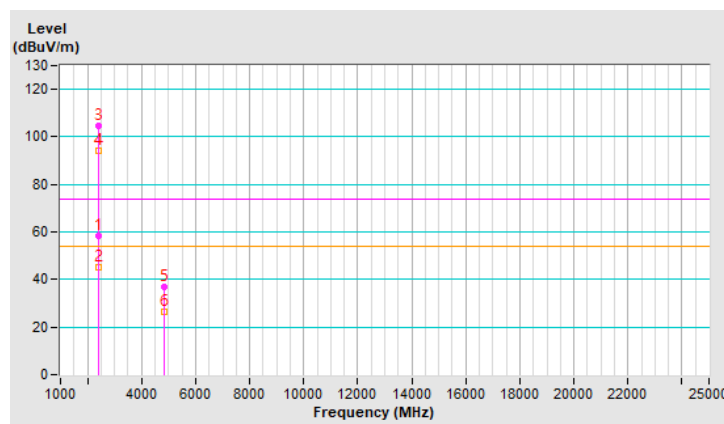


RF Mode	802.11ax (HE20)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	1.44 H	157	67.0	-8.8
2	2390.00	45.3 AV	54.0	-8.7	1.44 H	157	54.1	-8.8
3	*2412.00	104.5 PK			1.44 H	157	113.3	-8.8
4	*2412.00	94.3 AV			1.44 H	157	103.1	-8.8
5	4824.00	36.8 PK	74.0	-37.2	1.27 H	318	40.1	-3.3
6	4824.00	26.2 AV	54.0	-27.8	1.27 H	318	29.5	-3.3

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.

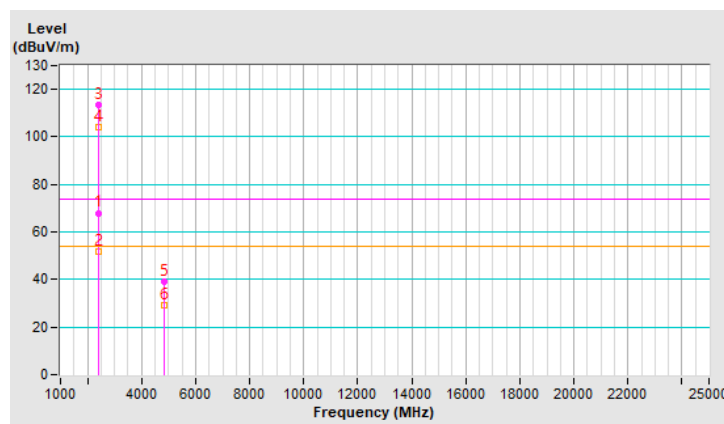


RF Mode	802.11ax (HE20)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	68.0 PK	74.0	-6.0	1.60 V	224	76.8	-8.8
2	2390.00	51.7 AV	54.0	-2.3	1.60 V	224	60.5	-8.8
3	*2412.00	113.4 PK			1.60 V	224	122.2	-8.8
4	*2412.00	104.0 AV			1.60 V	224	112.8	-8.8
5	4824.00	39.2 PK	74.0	-34.8	1.46 V	223	42.5	-3.3
6	4824.00	29.0 AV	54.0	-25.0	1.46 V	223	32.3	-3.3

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.

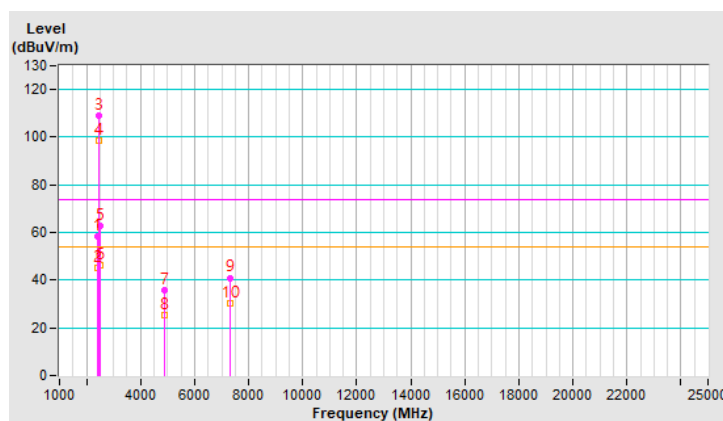


RF Mode	802.11ax (HE20)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	1.42 H	156	67.0	-8.8
2	2390.00	44.9 AV	54.0	-9.1	1.42 H	156	53.7	-8.8
3	*2437.00	108.8 PK			1.42 H	156	117.6	-8.8
4	*2437.00	98.5 AV			1.42 H	156	107.3	-8.8
5	2483.50	62.6 PK	74.0	-11.4	1.42 H	156	71.4	-8.8
6	2483.50	46.1 AV	54.0	-7.9	1.42 H	156	54.9	-8.8
7	4874.00	36.0 PK	74.0	-38.0	1.34 H	333	39.4	-3.4
8	4874.00	25.5 AV	54.0	-28.5	1.34 H	333	28.9	-3.4
9	7311.00	41.0 PK	74.0	-33.0	1.22 H	333	37.2	3.8
10	7311.00	30.5 AV	54.0	-23.5	1.22 H	333	26.7	3.8

Remarks:

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

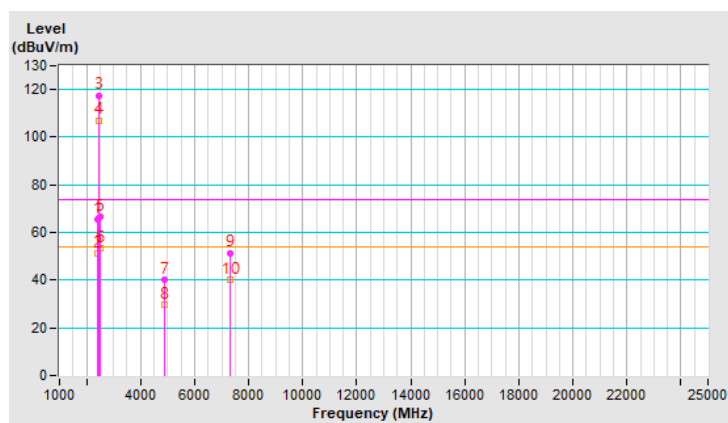


RF Mode	802.11ax (HE20)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	65.6 PK	74.0	-8.4	1.51 V	189	74.4	-8.8
2	2390.00	51.1 AV	54.0	-2.9	1.51 V	189	59.9	-8.8
3	*2437.00	117.6 PK			1.51 V	189	126.4	-8.8
4	*2437.00	107.1 AV			1.51 V	189	115.9	-8.8
5	2483.50	66.5 PK	74.0	-7.5	1.51 V	189	75.3	-8.8
6	2483.50	53.5 AV	54.0	-0.5	1.51 V	189	62.3	-8.8
7	4874.00	40.1 PK	74.0	-33.9	1.49 V	232	43.5	-3.4
8	4874.00	29.9 AV	54.0	-24.1	1.49 V	232	33.3	-3.4
9	7311.00	51.5 PK	74.0	-22.5	1.51 V	139	47.7	3.8
10	7311.00	40.1 AV	54.0	-13.9	1.51 V	139	36.3	3.8

Remarks:

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

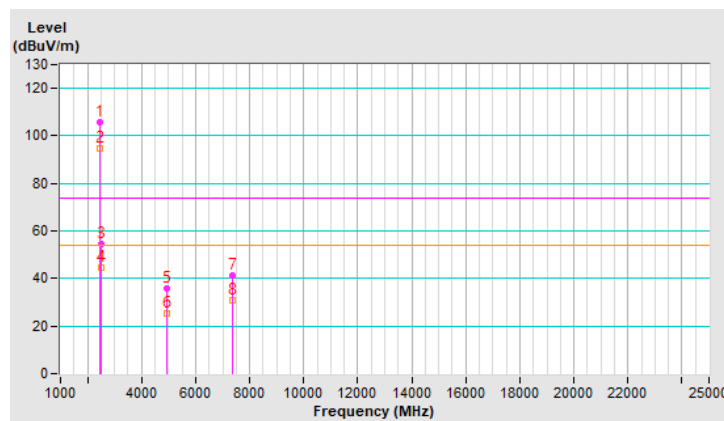


RF Mode	802.11ax (HE20)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	105.8 PK			1.90 H	205	114.6	-8.8
2	*2462.00	94.6 AV			1.90 H	205	103.4	-8.8
3	2483.50	54.4 PK	74.0	-19.6	1.90 H	205	63.2	-8.8
4	2483.50	44.5 AV	54.0	-9.5	1.90 H	205	53.3	-8.8
5	4924.00	35.9 PK	74.0	-38.1	1.38 H	333	39.1	-3.2
6	4924.00	25.1 AV	54.0	-28.9	1.38 H	333	28.3	-3.2
7	7386.00	41.5 PK	74.0	-32.5	1.27 H	340	37.4	4.1
8	7386.00	30.8 AV	54.0	-23.2	1.27 H	340	26.7	4.1

Remarks:

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

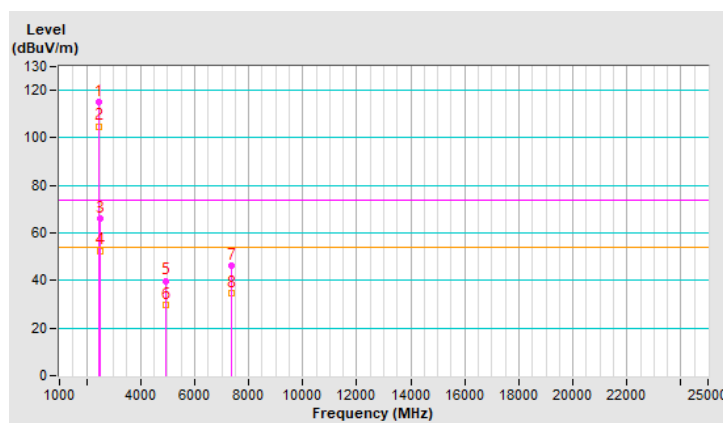


RF Mode	802.11ax (HE20)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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			1.37 V	288	124.1	-8.8
2	*2462.00	104.9 AV			1.37 V	288	113.7	-8.8
3	2483.50	66.0 PK	74.0	-8.0	1.37 V	288	74.8	-8.8
4	2483.50	52.6 AV	54.0	-1.4	1.37 V	288	61.4	-8.8
5	4924.00	39.9 PK	74.0	-34.1	1.52 V	237	43.1	-3.2
6	4924.00	29.5 AV	54.0	-24.5	1.52 V	237	32.7	-3.2
7	7386.00	46.3 PK	74.0	-27.7	1.51 V	153	42.2	4.1
8	7386.00	34.7 AV	54.0	-19.3	1.51 V	153	30.6	4.1

Remarks:

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

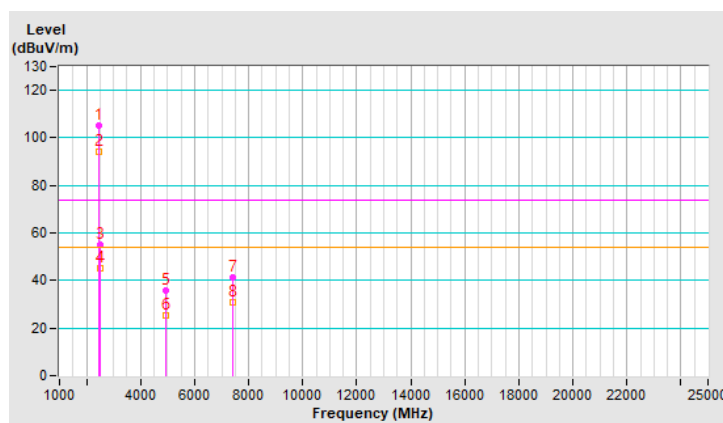


RF Mode	802.11ax (HE20)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	105.1 PK			1.20 H	154	113.9	-8.8
2	*2467.00	94.4 AV			1.20 H	154	103.2	-8.8
3	2483.50	55.2 PK	74.0	-18.8	1.20 H	154	64.0	-8.8
4	2483.50	45.2 AV	54.0	-8.8	1.20 H	154	54.0	-8.8
5	4934.00	35.9 PK	74.0	-38.1	1.29 H	326	39.1	-3.2
6	4934.00	25.4 AV	54.0	-28.6	1.29 H	326	28.6	-3.2
7	7401.00	41.2 PK	74.0	-32.8	1.24 H	325	37.1	4.1
8	7401.00	30.6 AV	54.0	-23.4	1.24 H	325	26.5	4.1

Remarks:

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

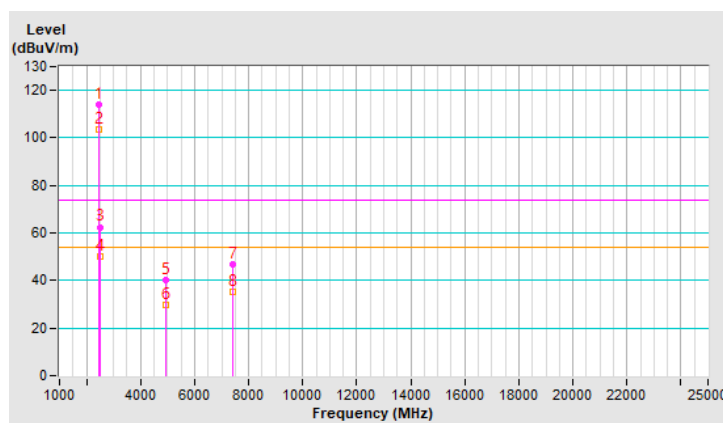


RF Mode	802.11ax (HE20)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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			1.55 V	204	123.0	-8.8
2	*2467.00	103.4 AV			1.55 V	204	112.2	-8.8
3	2483.50	62.5 PK	74.0	-11.5	1.55 V	204	71.3	-8.8
4	2483.50	49.9 AV	54.0	-4.1	1.55 V	204	58.7	-8.8
5	4934.00	40.0 PK	74.0	-34.0	1.54 V	247	43.2	-3.2
6	4934.00	29.9 AV	54.0	-24.1	1.54 V	247	33.1	-3.2
7	7401.00	47.0 PK	74.0	-27.0	1.50 V	152	42.9	4.1
8	7401.00	35.1 AV	54.0	-18.9	1.50 V	152	31.0	4.1

Remarks:

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

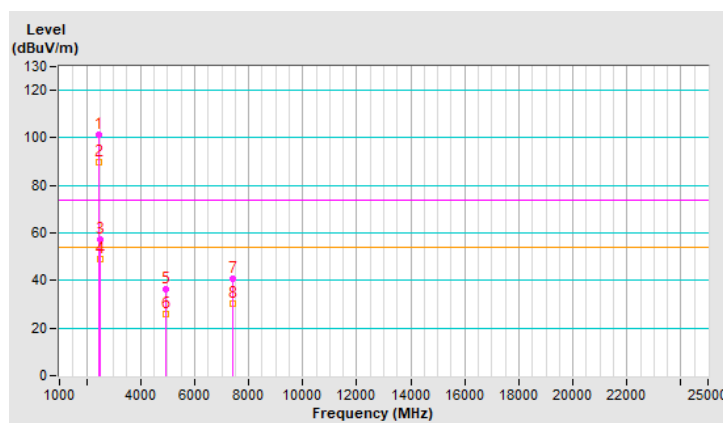


RF Mode	802.11ax (HE20)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	101.1 PK			1.24 H	155	109.9	-8.8
2	*2472.00	90.0 AV			1.24 H	155	98.8	-8.8
3	2483.50	57.5 PK	74.0	-16.5	1.24 H	155	66.3	-8.8
4	2483.50	48.9 AV	54.0	-5.1	1.24 H	155	57.7	-8.8
5	4944.00	36.4 PK	74.0	-37.6	1.30 H	327	39.5	-3.1
6	4944.00	26.0 AV	54.0	-28.0	1.30 H	327	29.1	-3.1
7	7416.00	40.9 PK	74.0	-33.1	1.27 H	330	36.8	4.1
8	7416.00	30.2 AV	54.0	-23.8	1.27 H	330	26.1	4.1

Remarks:

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

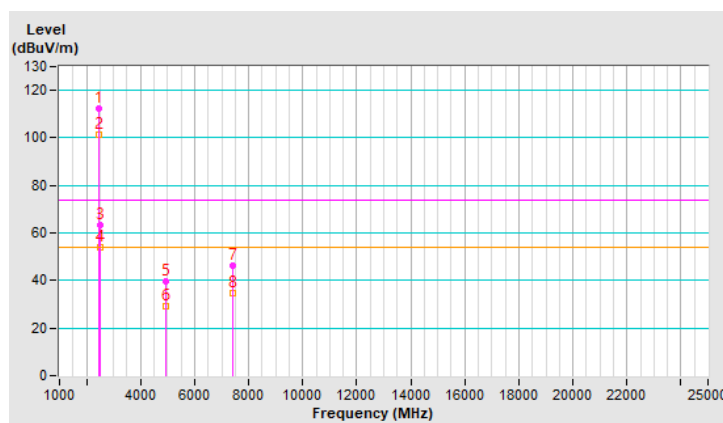


RF Mode	802.11ax (HE20)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2472.00	112.3 PK			1.54 V	205	121.1	-8.8
2	*2472.00	101.1 AV			1.54 V	205	109.9	-8.8
3	2483.50	63.5 PK	74.0	-10.5	1.54 V	205	72.3	-8.8
4	2483.50	53.8 AV	54.0	-0.2	1.54 V	205	62.6	-8.8
5	4944.00	39.5 PK	74.0	-34.5	1.47 V	222	42.6	-3.1
6	4944.00	29.2 AV	54.0	-24.8	1.47 V	222	32.3	-3.1
7	7416.00	46.3 PK	74.0	-27.7	1.53 V	167	42.2	4.1
8	7416.00	34.9 AV	54.0	-19.1	1.53 V	167	30.8	4.1

Remarks:

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

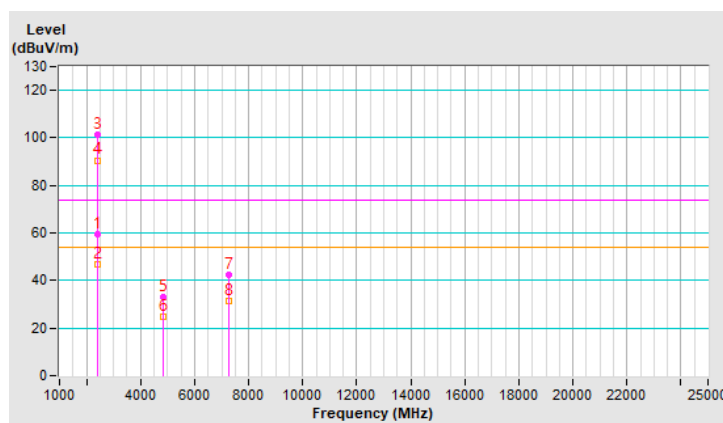


RF Mode	802.11ax (HE40)	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	59.5 PK	74.0	-14.5	1.48 H	157	68.3	-8.8
2	2390.00	46.6 AV	54.0	-7.4	1.48 H	157	55.4	-8.8
3	*2422.00	101.5 PK			1.48 H	157	110.3	-8.8
4	*2422.00	90.6 AV			1.48 H	157	99.4	-8.8
5	4844.00	33.1 PK	74.0	-40.9	2.30 H	300	36.5	-3.4
6	4844.00	24.7 AV	54.0	-29.3	2.30 H	300	28.1	-3.4
7	7266.00	42.3 PK	74.0	-31.7	3.31 H	335	38.6	3.7
8	7266.00	31.2 AV	54.0	-22.8	3.31 H	335	27.5	3.7

Remarks:

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

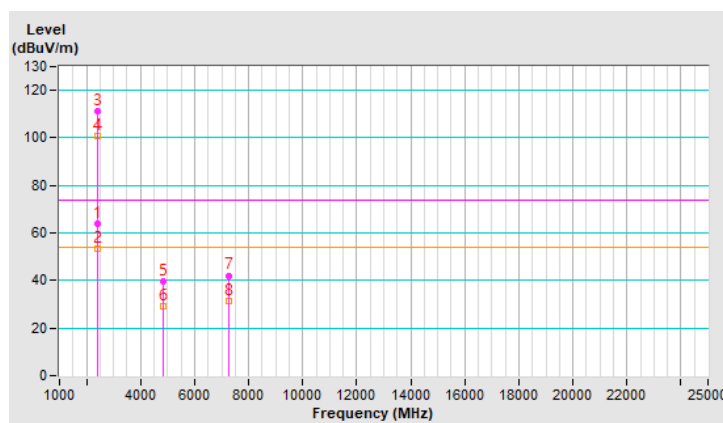


RF Mode	802.11ax (HE40)	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	64.1 PK	74.0	-9.9	1.37 V	85	72.9	-8.8
2	2390.00	53.5 AV	54.0	-0.5	1.37 V	85	62.3	-8.8
3	*2422.00	111.4 PK			1.37 V	85	120.2	-8.8
4	*2422.00	100.8 AV			1.37 V	85	109.6	-8.8
5	4844.00	39.6 PK	74.0	-34.4	1.14 V	134	43.0	-3.4
6	4844.00	29.3 AV	54.0	-24.7	1.14 V	134	32.7	-3.4
7	7266.00	42.1 PK	74.0	-31.9	1.32 V	224	38.4	3.7
8	7266.00	31.5 AV	54.0	-22.5	1.32 V	224	27.8	3.7

Remarks:

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

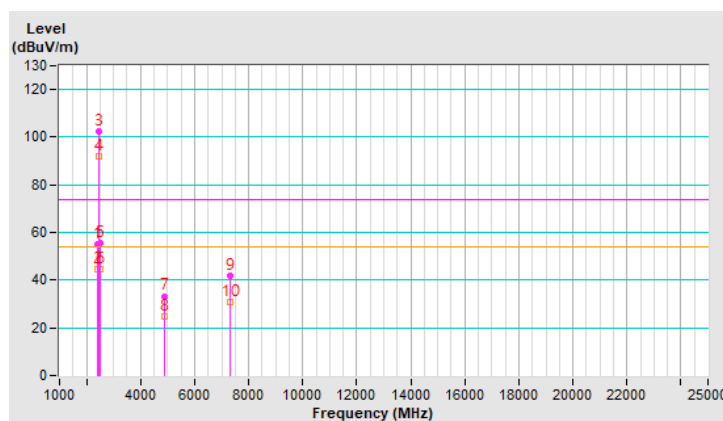


RF Mode	802.11ax (HE40)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	55.0 PK	74.0	-19.0	1.40 H	157	63.8	-8.8
2	2390.00	44.5 AV	54.0	-9.5	1.40 H	157	53.3	-8.8
3	*2437.00	102.5 PK			1.40 H	157	111.3	-8.8
4	*2437.00	92.1 AV			1.40 H	157	100.9	-8.8
5	2483.50	55.8 PK	74.0	-18.2	1.40 H	157	64.6	-8.8
6	2483.50	44.8 AV	54.0	-9.2	1.40 H	157	53.6	-8.8
7	4874.00	33.3 PK	74.0	-40.7	2.34 H	288	36.7	-3.4
8	4874.00	24.9 AV	54.0	-29.1	2.34 H	288	28.3	-3.4
9	7311.00	41.9 PK	74.0	-32.1	3.31 H	334	38.1	3.8
10	7311.00	30.8 AV	54.0	-23.2	3.31 H	334	27.0	3.8

Remarks:

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

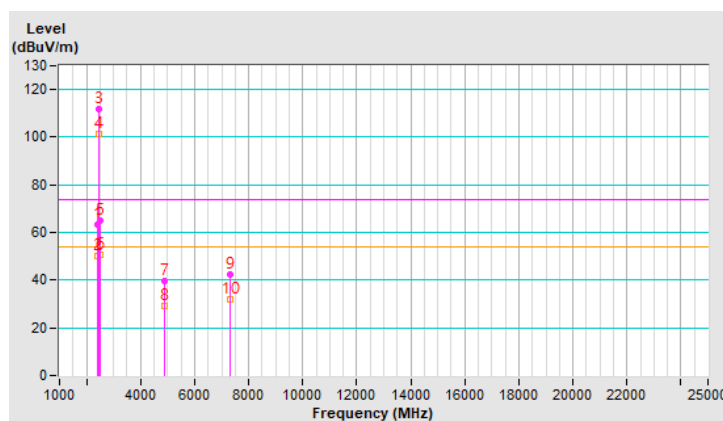


RF Mode	802.11ax (HE40)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	63.1 PK	74.0	-10.9	1.51 V	185	71.9	-8.8
2	2390.00	50.3 AV	54.0	-3.7	1.51 V	185	59.1	-8.8
3	*2437.00	111.8 PK			1.51 V	185	120.6	-8.8
4	*2437.00	101.4 AV			1.51 V	185	110.2	-8.8
5	2483.50	64.9 PK	74.0	-9.1	1.51 V	185	73.7	-8.8
6	2483.50	50.8 AV	54.0	-3.2	1.51 V	185	59.6	-8.8
7	4874.00	39.5 PK	74.0	-34.5	1.07 V	146	42.9	-3.4
8	4874.00	29.3 AV	54.0	-24.7	1.07 V	146	32.7	-3.4
9	7311.00	42.3 PK	74.0	-31.7	1.34 V	213	38.5	3.8
10	7311.00	31.7 AV	54.0	-22.3	1.34 V	213	27.9	3.8

Remarks:

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

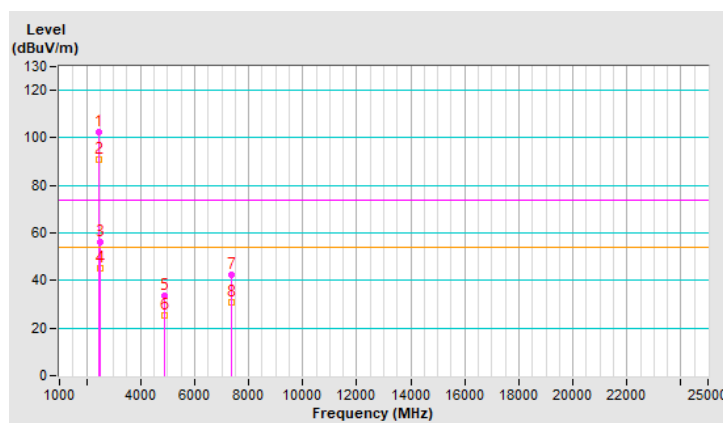


RF Mode	802.11ax (HE40)	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	102.4 PK			1.39 H	156	111.2	-8.8
2	*2452.00	90.8 AV			1.39 H	156	99.6	-8.8
3	2483.50	56.3 PK	74.0	-17.7	1.39 H	156	65.1	-8.8
4	2483.50	45.4 AV	54.0	-8.6	1.39 H	156	54.2	-8.8
5	4904.00	33.6 PK	74.0	-40.4	2.39 H	298	36.9	-3.3
6	4904.00	25.2 AV	54.0	-28.8	2.39 H	298	28.5	-3.3
7	7356.00	42.3 PK	74.0	-31.7	3.27 H	327	38.4	3.9
8	7356.00	31.0 AV	54.0	-23.0	3.27 H	327	27.1	3.9

Remarks:

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

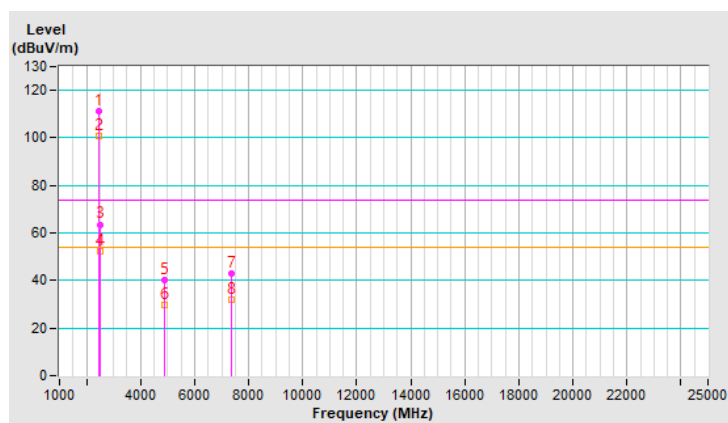


RF Mode	802.11ax (HE40)	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	111.1 PK			1.49 V	185	119.9	-8.8
2	*2452.00	100.7 AV			1.49 V	185	109.5	-8.8
3	2483.50	63.6 PK	74.0	-10.4	1.49 V	185	72.4	-8.8
4	2483.50	52.3 AV	54.0	-1.7	1.49 V	185	61.1	-8.8
5	4904.00	40.2 PK	74.0	-33.8	1.15 V	144	43.5	-3.3
6	4904.00	29.9 AV	54.0	-24.1	1.15 V	144	33.2	-3.3
7	7356.00	42.7 PK	74.0	-31.3	1.37 V	206	38.8	3.9
8	7356.00	32.0 AV	54.0	-22.0	1.37 V	206	28.1	3.9

Remarks:

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

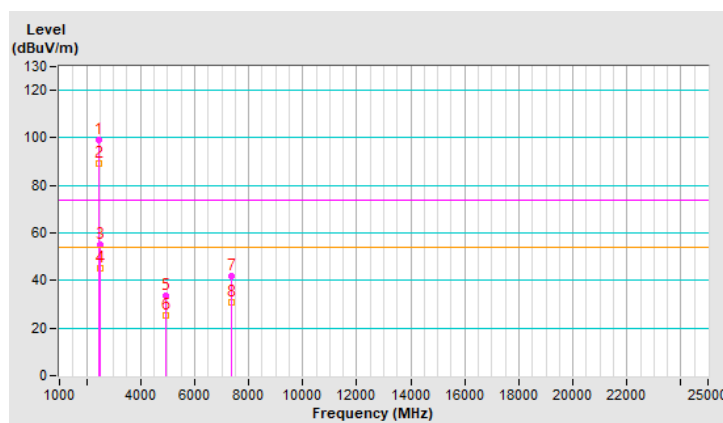


RF Mode	802.11ax (HE40)	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	99.2 PK			2.24 H	207	108.0	-8.8
2	*2457.00	89.3 AV			2.24 H	207	98.1	-8.8
3	2483.50	54.9 PK	74.0	-19.1	2.24 H	207	63.7	-8.8
4	2483.50	45.1 AV	54.0	-8.9	2.24 H	207	53.9	-8.8
5	4914.00	33.4 PK	74.0	-40.6	2.27 H	310	36.7	-3.3
6	4914.00	25.1 AV	54.0	-28.9	2.27 H	310	28.4	-3.3
7	7371.00	41.7 PK	74.0	-32.3	3.26 H	342	37.7	4.0
8	7371.00	30.8 AV	54.0	-23.2	3.26 H	342	26.8	4.0

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.

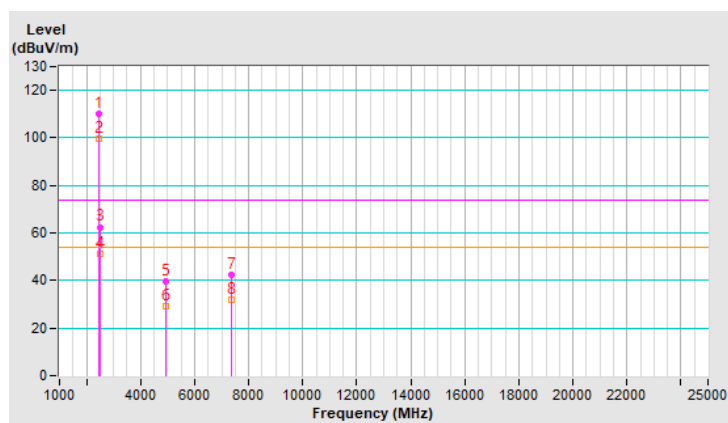


RF Mode	802.11ax (HE40)	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	110.1 PK			1.43 V	176	118.9	-8.8
2	*2457.00	99.6 AV			1.43 V	176	108.4	-8.8
3	2483.50	62.5 PK	74.0	-11.5	1.43 V	176	71.3	-8.8
4	2483.50	51.2 AV	54.0	-2.8	1.43 V	176	60.0	-8.8
5	4914.00	39.7 PK	74.0	-34.3	1.11 V	143	43.0	-3.3
6	4914.00	29.4 AV	54.0	-24.6	1.11 V	143	32.7	-3.3
7	7371.00	42.3 PK	74.0	-31.7	1.34 V	215	38.3	4.0
8	7371.00	31.9 AV	54.0	-22.1	1.34 V	215	27.9	4.0

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.

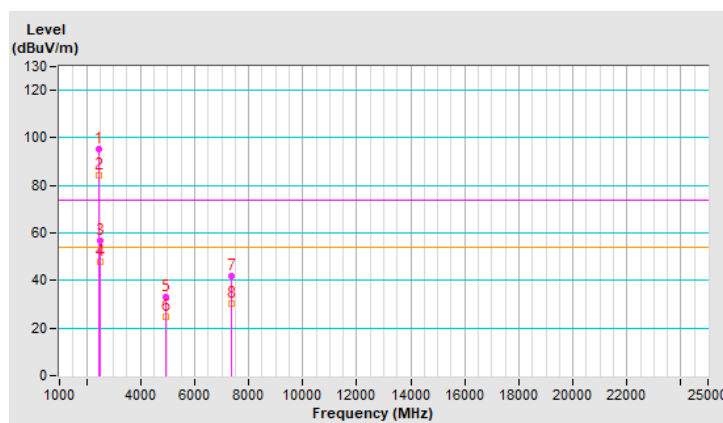


RF Mode	802.11ax (HE40)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	95.1 PK			2.21 H	213	103.9	-8.8
2	*2462.00	84.5 AV			2.21 H	213	93.3	-8.8
3	2483.50	56.5 PK	74.0	-17.5	2.21 H	213	65.3	-8.8
4	2483.50	47.8 AV	54.0	-6.2	2.21 H	213	56.6	-8.8
5	4924.00	33.1 PK	74.0	-40.9	2.38 H	280	36.3	-3.2
6	4924.00	24.7 AV	54.0	-29.3	2.38 H	280	27.9	-3.2
7	7386.00	41.7 PK	74.0	-32.3	3.33 H	330	37.6	4.1
8	7386.00	30.3 AV	54.0	-23.7	3.33 H	330	26.2	4.1

Remarks:

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

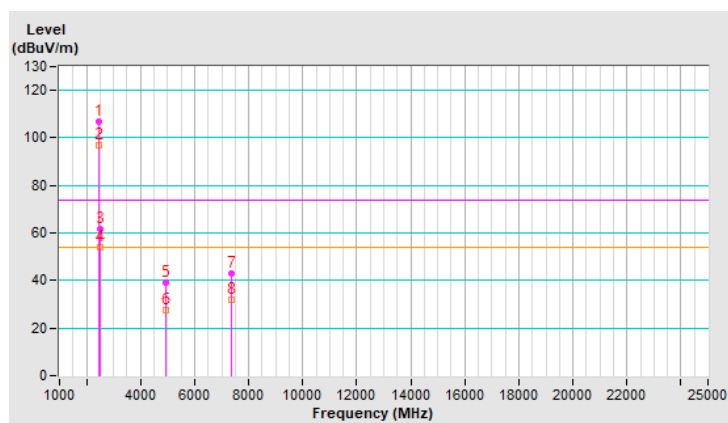


RF Mode	802.11ax (HE40)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	107.0 PK			1.27 V	206	115.8	-8.8
2	*2462.00	96.7 AV			1.27 V	206	105.5	-8.8
3	2483.50	61.8 PK	74.0	-12.2	1.27 V	206	70.6	-8.8
4	2483.50	53.8 AV	54.0	-0.2	1.27 V	206	62.6	-8.8
5	4924.00	39.0 PK	74.0	-35.0	1.07 V	142	42.2	-3.2
6	4924.00	27.6 AV	54.0	-26.4	1.07 V	142	30.8	-3.2
7	7386.00	42.8 PK	74.0	-31.2	1.34 V	218	38.7	4.1
8	7386.00	32.1 AV	54.0	-21.9	1.34 V	218	28.0	4.1

Remarks:

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

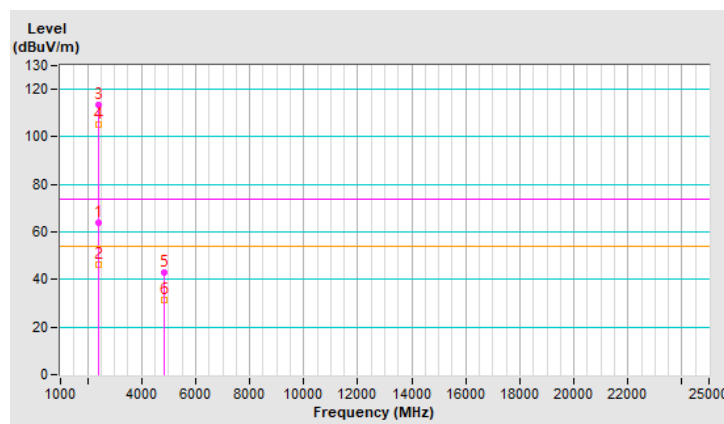


RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	63.9 PK	74.0	-10.1	1.50 H	148	72.7	-8.8
2	2390.00	46.4 AV	54.0	-7.6	1.50 H	148	55.2	-8.8
3	*2412.00	113.6 PK			1.50 H	148	122.4	-8.8
4	*2412.00	105.0 AV			1.50 H	148	113.8	-8.8
5	4824.00	43.0 PK	74.0	-31.0	1.59 H	306	46.3	-3.3
6	4824.00	31.3 AV	54.0	-22.7	1.59 H	306	34.6	-3.3

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.

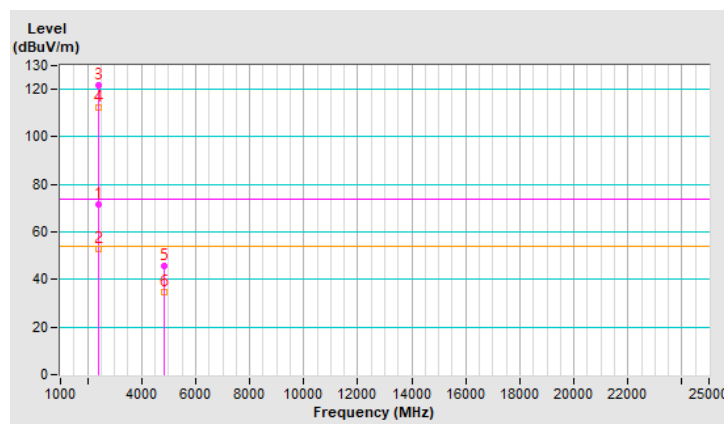


RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	71.8 PK	74.0	-2.2	1.48 V	168	80.6	-8.8
2	2390.00	53.0 AV	54.0	-1.0	1.48 V	168	61.8	-8.8
3	*2412.00	121.6 PK			1.48 V	168	130.4	-8.8
4	*2412.00	112.3 AV			1.48 V	168	121.1	-8.8
5	4824.00	45.5 PK	74.0	-28.5	1.59 V	333	48.8	-3.3
6	4824.00	34.8 AV	54.0	-19.2	1.59 V	333	38.1	-3.3

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.

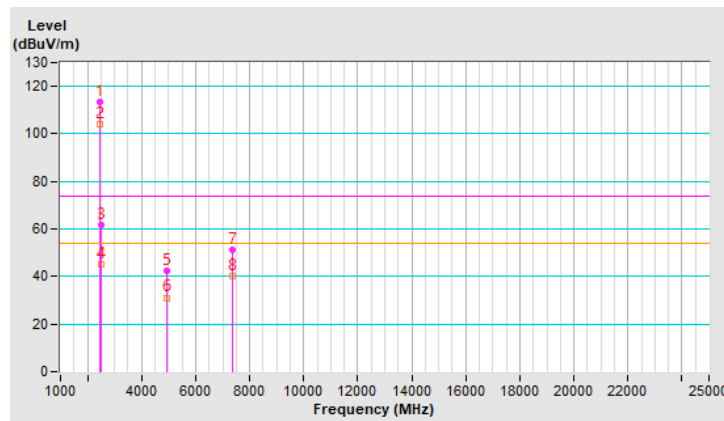


RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 11 : 2462 MHz
Input Power (System)	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	113.3 PK			1.30 H	145	122.1	-8.8
2	*2462.00	104.1 AV			1.30 H	145	112.9	-8.8
3	2483.50	61.8 PK	74.0	-12.2	1.30 H	145	70.6	-8.8
4	2483.50	45.0 AV	54.0	-9.0	1.30 H	145	53.8	-8.8
5	4924.00	42.6 PK	74.0	-31.4	1.54 H	307	45.8	-3.2
6	4924.00	31.1 AV	54.0	-22.9	1.54 H	307	34.3	-3.2
7	7386.00	51.3 PK	74.0	-22.7	1.56 H	326	47.2	4.1
8	7386.00	40.2 AV	54.0	-13.8	1.56 H	326	36.1	4.1

Remarks:

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

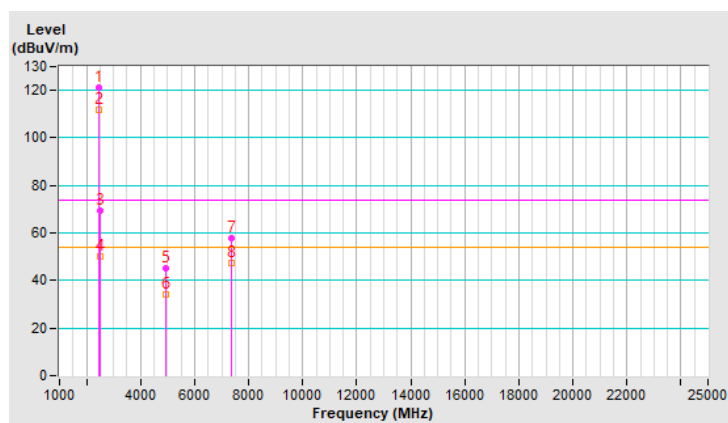


RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	121.4 PK			1.30 V	278	130.2	-8.8
2	*2462.00	111.9 AV			1.30 V	278	120.7	-8.8
3	2483.50	69.5 PK	74.0	-4.5	1.30 V	278	78.3	-8.8
4	2483.50	49.9 AV	54.0	-4.1	1.30 V	278	58.7	-8.8
5	4924.00	44.9 PK	74.0	-29.1	1.59 V	332	48.1	-3.2
6	4924.00	34.3 AV	54.0	-19.7	1.59 V	332	37.5	-3.2
7	7386.00	57.9 PK	74.0	-16.1	1.51 V	127	53.8	4.1
8	7386.00	47.3 AV	54.0	-6.7	1.51 V	127	43.2	4.1

Remarks:

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

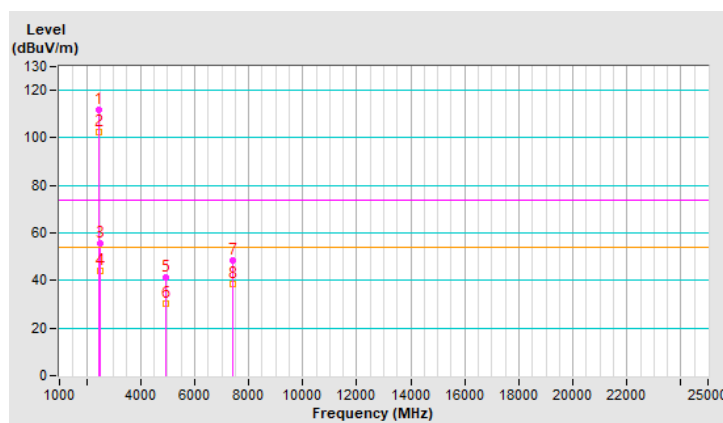


RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	111.9 PK			1.32 H	147	120.7	-8.8
2	*2467.00	102.4 AV			1.32 H	147	111.2	-8.8
3	2483.50	55.4 PK	74.0	-18.6	1.32 H	147	64.2	-8.8
4	2483.50	44.3 AV	54.0	-9.7	1.32 H	147	53.1	-8.8
5	4934.00	41.1 PK	74.0	-32.9	1.56 H	317	44.3	-3.2
6	4934.00	30.2 AV	54.0	-23.8	1.56 H	317	33.4	-3.2
7	7401.00	48.6 PK	74.0	-25.4	1.60 H	335	44.5	4.1
8	7401.00	38.6 AV	54.0	-15.4	1.60 H	335	34.5	4.1

Remarks:

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

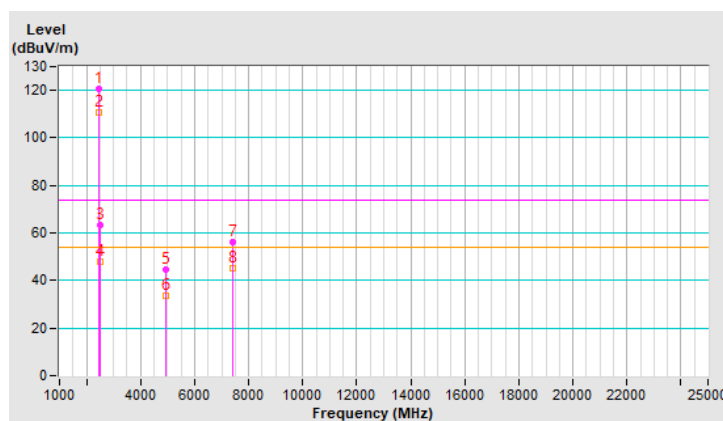


RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	120.6 PK			1.22 V	275	129.4	-8.8
2	*2467.00	110.8 AV			1.22 V	275	119.6	-8.8
3	2483.50	63.5 PK	74.0	-10.5	1.22 V	275	72.3	-8.8
4	2483.50	47.8 AV	54.0	-6.2	1.22 V	275	56.6	-8.8
5	4934.00	44.7 PK	74.0	-29.3	1.63 V	316	47.9	-3.2
6	4934.00	33.8 AV	54.0	-20.2	1.63 V	316	37.0	-3.2
7	7401.00	56.4 PK	74.0	-17.6	1.50 V	135	52.3	4.1
8	7401.00	45.1 AV	54.0	-8.9	1.50 V	135	41.0	4.1

Remarks:

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

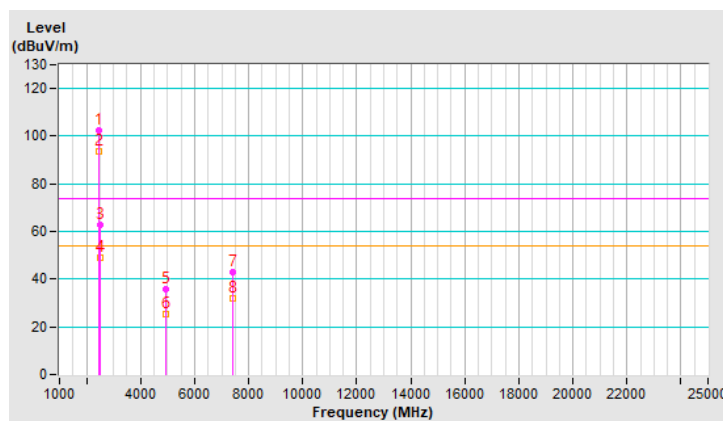


RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2472.00	102.6 PK			1.28 H	145	111.4	-8.8
2	*2472.00	93.8 AV			1.28 H	145	102.6	-8.8
3	2483.50	63.0 PK	74.0	-11.0	1.28 H	145	71.8	-8.8
4	2483.50	49.0 AV	54.0	-5.0	1.28 H	145	57.8	-8.8
5	4944.00	35.7 PK	74.0	-38.3	1.60 H	324	38.8	-3.1
6	4944.00	25.1 AV	54.0	-28.9	1.60 H	324	28.2	-3.1
7	7416.00	42.8 PK	74.0	-31.2	1.59 H	327	38.7	4.1
8	7416.00	32.1 AV	54.0	-21.9	1.59 H	327	28.0	4.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. The Band-edge measurements was follow ANSI C63.10 Section 11.13.3.

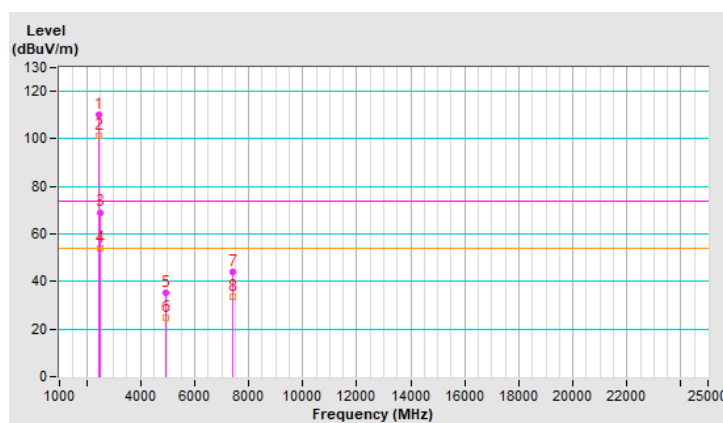


RF Mode	20 MHz Preamble 802.11ax (RU26)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	110.0 PK			1.20 V	275	118.8	-8.8
2	*2472.00	101.5 AV			1.20 V	275	110.3	-8.8
3	2483.50	69.1 PK	74.0	-4.9	1.20 V	275	77.9	-8.8
4	2483.50	53.9 AV	54.0	-0.1	1.20 V	275	62.7	-8.8
5	4944.00	35.2 PK	74.0	-38.8	1.66 V	332	38.3	-3.1
6	4944.00	24.9 AV	54.0	-29.1	1.66 V	332	28.0	-3.1
7	7416.00	44.2 PK	74.0	-29.8	1.45 V	149	40.1	4.1
8	7416.00	33.6 AV	54.0	-20.4	1.45 V	149	29.5	4.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. The Band-edge measurements was follow ANSI C63.10 Section 11.13.3.

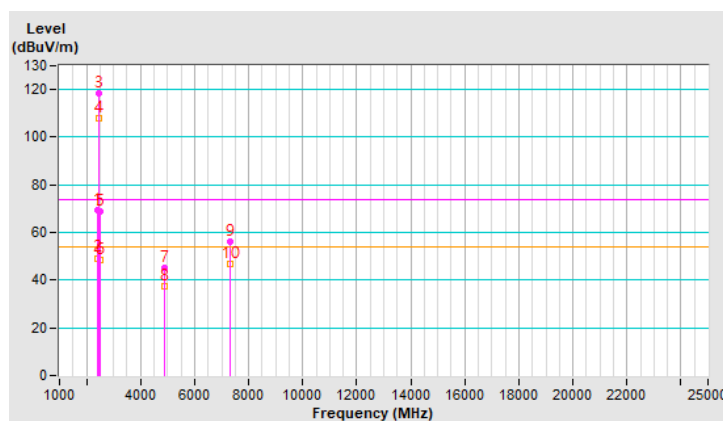


RF Mode	20 MHz Preamble 802.11ax (RU52)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	69.4 PK	74.0	-4.6	1.53 H	157	78.2	-8.8
2	2390.00	49.3 AV	54.0	-4.7	1.53 H	157	58.1	-8.8
3	*2437.00	118.2 PK			1.53 H	157	127.0	-8.8
4	*2437.00	107.8 AV			1.53 H	157	116.6	-8.8
5	2483.50	68.8 PK	74.0	-5.2	1.53 H	157	77.6	-8.8
6	2483.50	48.6 AV	54.0	-5.4	1.53 H	157	57.4	-8.8
7	4874.00	45.0 PK	74.0	-29.0	1.50 H	304	48.4	-3.4
8	4874.00	37.3 AV	54.0	-16.7	1.50 H	304	40.7	-3.4
9	7311.00	56.3 PK	74.0	-17.7	1.47 H	330	52.5	3.8
10	7311.00	47.0 AV	54.0	-7.0	1.47 H	330	43.2	3.8

Remarks:

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

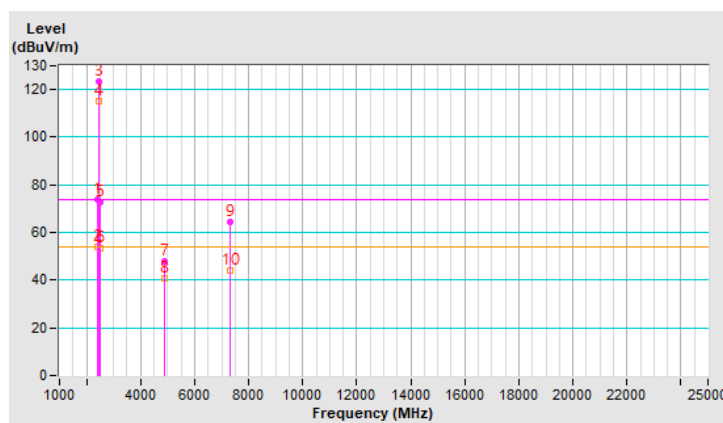


RF Mode	20 MHz Preamble 802.11ax (RU52)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 2 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	73.8 PK	74.0	-0.2	1.25 V	277	82.6	-8.8
2	2390.00	53.9 AV	54.0	-0.1	1.25 V	277	62.7	-8.8
3	*2437.00	123.5 PK			1.25 V	277	132.3	-8.8
4	*2437.00	115.2 AV			1.25 V	277	124.0	-8.8
5	2483.50	72.6 PK	74.0	-1.4	1.25 V	277	81.4	-8.8
6	2483.50	53.5 AV	54.0	-0.5	1.25 V	277	62.3	-8.8
7	4874.00	47.7 PK	74.0	-26.3	1.54 V	329	51.1	-3.4
8	4874.00	40.8 AV	54.0	-13.2	1.54 V	329	44.2	-3.4
9	7311.00	64.2 PK	74.0	-9.8	1.56 V	115	60.4	3.8
10	7311.00	44.0 AV	54.0	-10.0	1.56 V	115	40.2	3.8

Remarks:

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

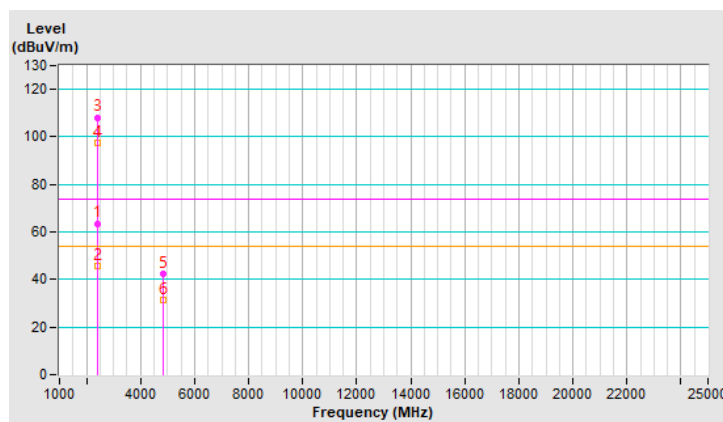


RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	63.6 PK	74.0	-10.4	1.50 H	147	72.4	-8.8
2	2390.00	45.5 AV	54.0	-8.5	1.50 H	147	54.3	-8.8
3	*2412.00	108.2 PK			1.50 H	147	117.0	-8.8
4	*2412.00	97.6 AV			1.50 H	147	106.4	-8.8
5	4824.00	42.6 PK	74.0	-31.4	1.55 H	308	45.9	-3.3
6	4824.00	31.2 AV	54.0	-22.8	1.55 H	308	34.5	-3.3

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.

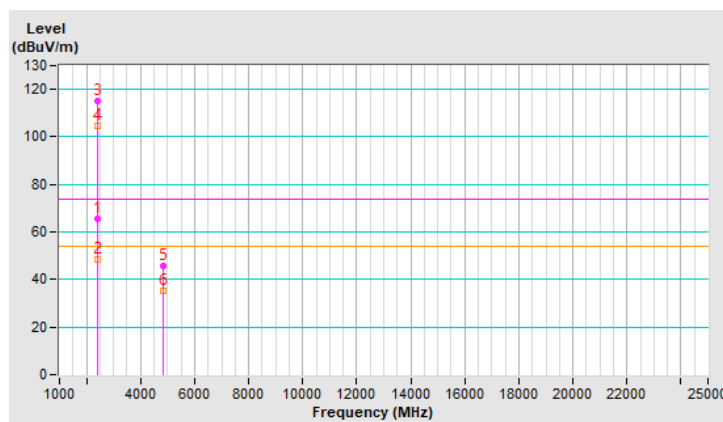


RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	65.7 PK	74.0	-8.3	1.47 V	170	74.5	-8.8
2	2390.00	48.5 AV	54.0	-5.5	1.47 V	170	57.3	-8.8
3	*2412.00	115.1 PK			1.47 V	170	123.9	-8.8
4	*2412.00	104.6 AV			1.47 V	170	113.4	-8.8
5	4824.00	45.5 PK	74.0	-28.5	1.61 V	330	48.8	-3.3
6	4824.00	35.1 AV	54.0	-18.9	1.61 V	330	38.4	-3.3

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.

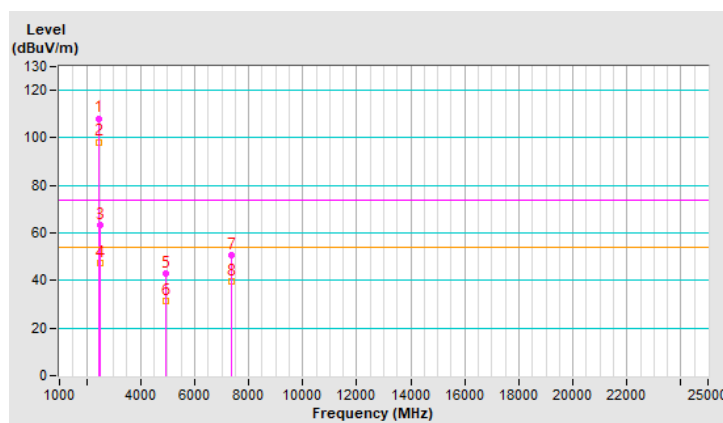


RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	108.2 PK			1.29 H	143	117.0	-8.8
2	*2462.00	98.3 AV			1.29 H	143	107.1	-8.8
3	2483.50	63.4 PK	74.0	-10.6	1.29 H	143	72.2	-8.8
4	2483.50	47.2 AV	54.0	-6.8	1.29 H	143	56.0	-8.8
5	4924.00	42.8 PK	74.0	-31.2	1.45 H	306	46.0	-3.2
6	4924.00	31.3 AV	54.0	-22.7	1.45 H	306	34.5	-3.2
7	7386.00	50.6 PK	74.0	-23.4	1.47 H	325	46.5	4.1
8	7386.00	39.8 AV	54.0	-14.2	1.47 H	325	35.7	4.1

Remarks:

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

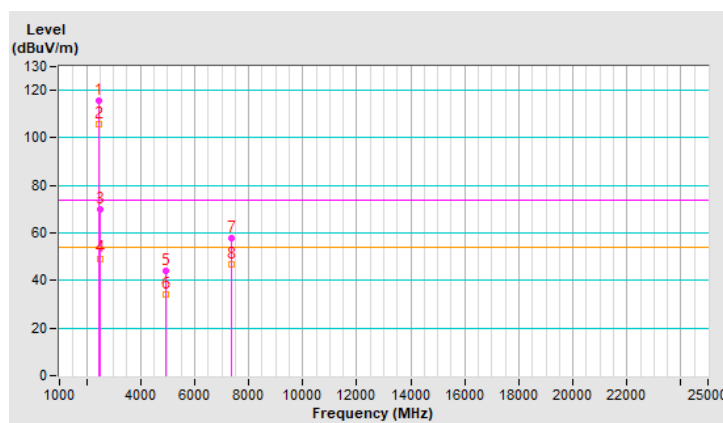


RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	115.8 PK			1.33 V	272	124.6	-8.8
2	*2462.00	105.8 AV			1.33 V	272	114.6	-8.8
3	2483.50	69.7 PK	74.0	-4.3	1.33 V	272	78.5	-8.8
4	2483.50	49.3 AV	54.0	-4.7	1.33 V	272	58.1	-8.8
5	4924.00	44.3 PK	74.0	-29.7	1.58 V	353	47.5	-3.2
6	4924.00	34.1 AV	54.0	-19.9	1.58 V	353	37.3	-3.2
7	7386.00	57.7 PK	74.0	-16.3	1.40 V	121	53.6	4.1
8	7386.00	47.0 AV	54.0	-7.0	1.40 V	121	42.9	4.1

Remarks:

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

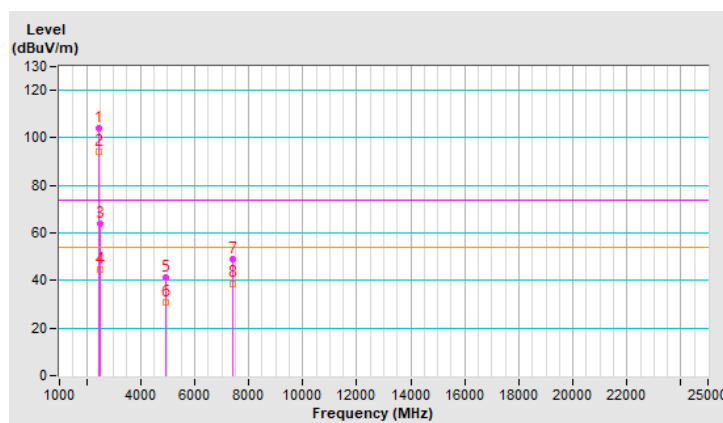


RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2467.00	104.3 PK			1.61 H	147	113.1	-8.8
2	*2467.00	94.1 AV			1.61 H	147	102.9	-8.8
3	2483.50	63.9 PK	74.0	-10.1	1.61 H	147	72.7	-8.8
4	2483.50	44.6 AV	54.0	-9.4	1.61 H	147	53.4	-8.8
5	4934.00	41.3 PK	74.0	-32.7	1.55 H	321	44.5	-3.2
6	4934.00	30.6 AV	54.0	-23.4	1.55 H	321	33.8	-3.2
7	7401.00	49.0 PK	74.0	-25.0	1.64 H	343	44.9	4.1
8	7401.00	38.8 AV	54.0	-15.2	1.64 H	343	34.7	4.1

Remarks:

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

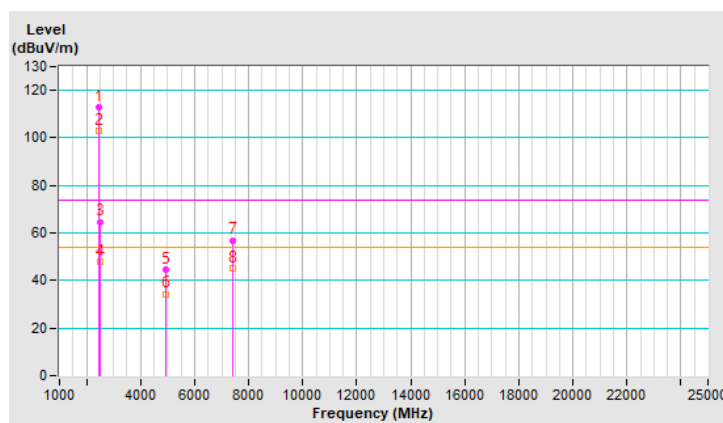


RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	112.8 PK			1.23 V	277	121.6	-8.8
2	*2467.00	103.0 AV			1.23 V	277	111.8	-8.8
3	2483.50	64.7 PK	74.0	-9.3	1.23 V	277	73.5	-8.8
4	2483.50	47.8 AV	54.0	-6.2	1.23 V	277	56.6	-8.8
5	4934.00	44.8 PK	74.0	-29.2	1.63 V	327	48.0	-3.2
6	4934.00	34.4 AV	54.0	-19.6	1.63 V	327	37.6	-3.2
7	7401.00	57.0 PK	74.0	-17.0	1.49 V	142	52.9	4.1
8	7401.00	45.4 AV	54.0	-8.6	1.49 V	142	41.3	4.1

Remarks:

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

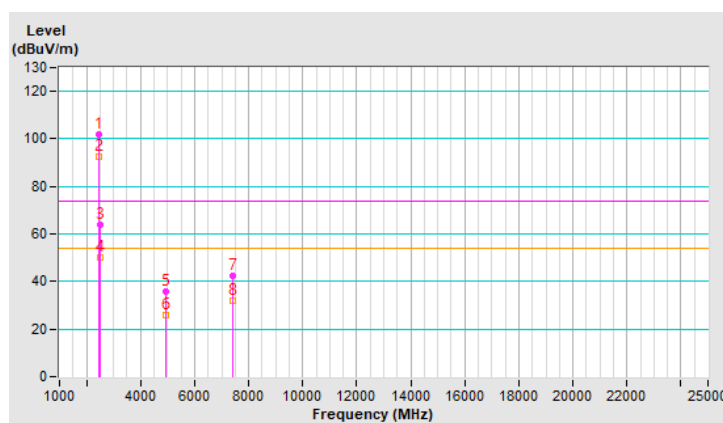


RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2472.00	102.1 PK			1.23 H	146	110.9	-8.8
2	*2472.00	92.4 AV			1.23 H	146	101.2	-8.8
3	2483.50	63.8 PK	74.0	-10.2	1.23 H	146	72.6	-8.8
4	2483.50	50.1 AV	54.0	-3.9	1.23 H	146	58.9	-8.8
5	4944.00	36.0 PK	74.0	-38.0	1.51 H	328	39.1	-3.1
6	4944.00	25.8 AV	54.0	-28.2	1.51 H	328	28.9	-3.1
7	7416.00	42.4 PK	74.0	-31.6	1.70 H	342	38.3	4.1
8	7416.00	31.9 AV	54.0	-22.1	1.70 H	342	27.8	4.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. The Band-edge measurements was follow ANSI C63.10 Section 11.13.3.

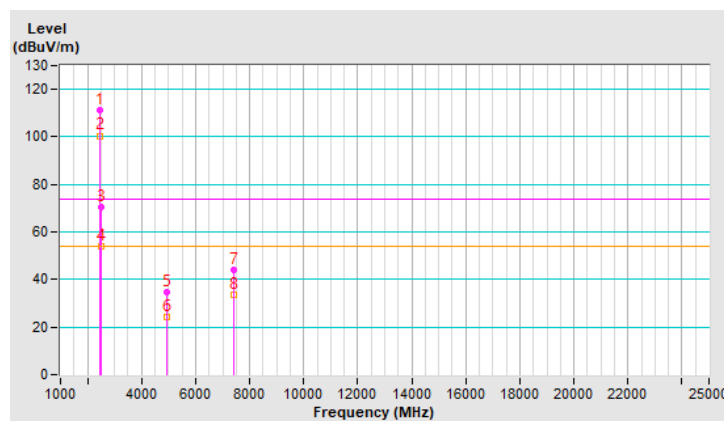


RF Mode	20 MHz Preamble 802.11ax (RU106)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 3 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

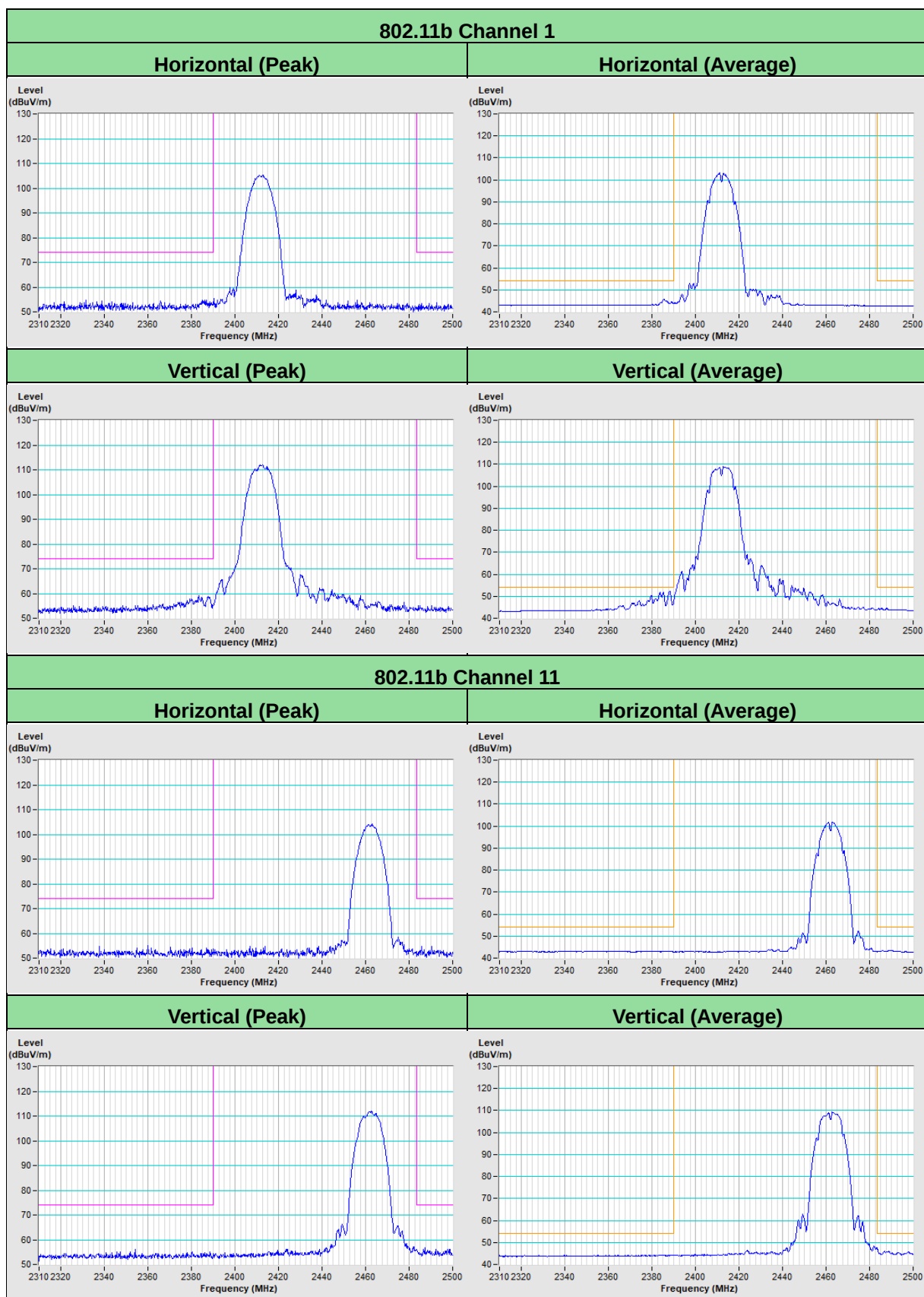
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2472.00	111.2 PK			1.22 V	279	120.0	-8.8
2	*2472.00	100.5 AV			1.22 V	279	109.3	-8.8
3	2483.50	70.4 PK	74.0	-3.6	1.22 V	279	79.2	-8.8
4	2483.50	53.8 AV	54.0	-0.2	1.22 V	279	62.6	-8.8
5	4944.00	34.9 PK	74.0	-39.1	1.67 V	347	38.0	-3.1
6	4944.00	24.4 AV	54.0	-29.6	1.67 V	347	27.5	-3.1
7	7416.00	43.9 PK	74.0	-30.1	1.50 V	158	39.8	4.1
8	7416.00	33.4 AV	54.0	-20.6	1.50 V	158	29.3	4.1

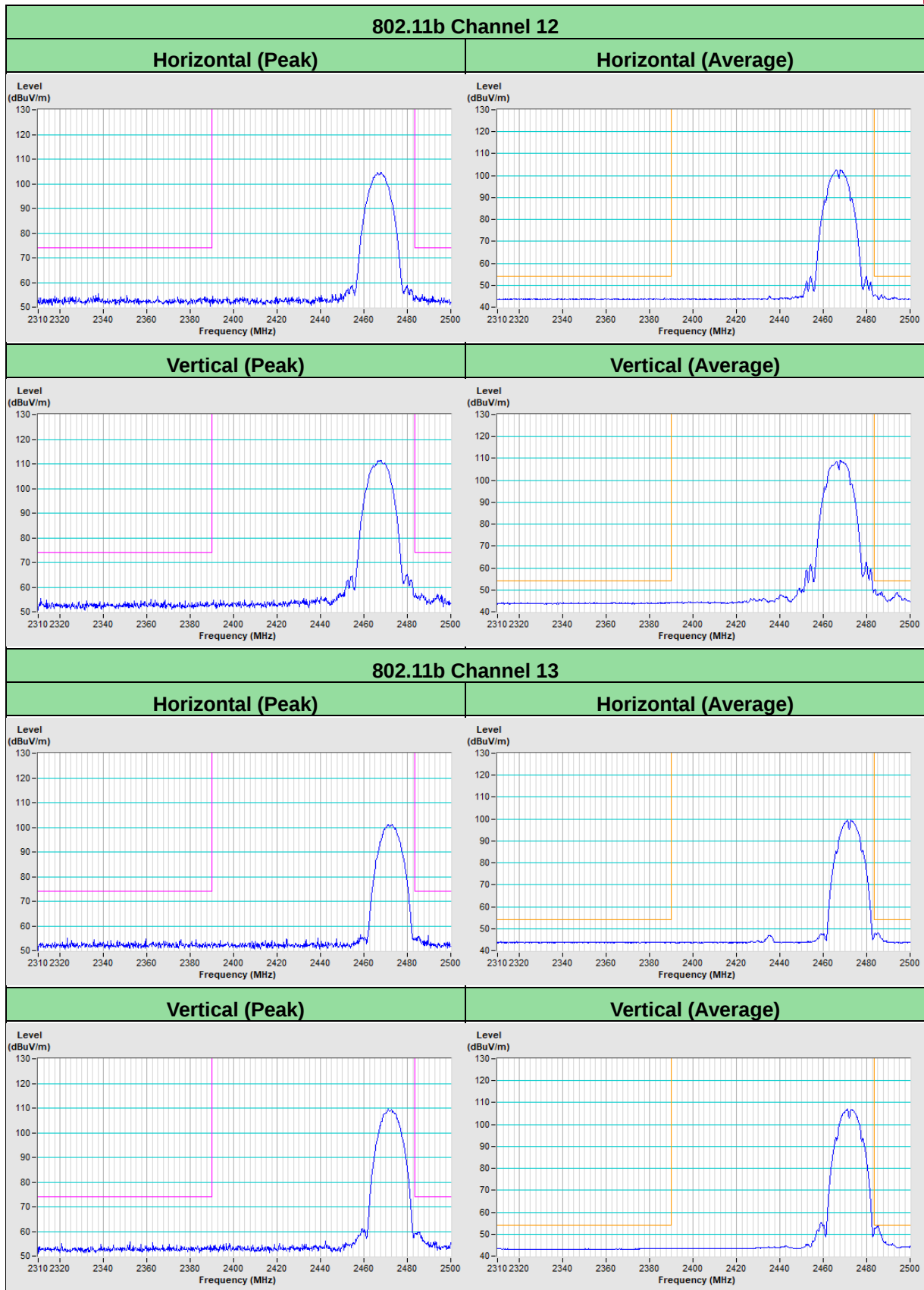
Remarks:

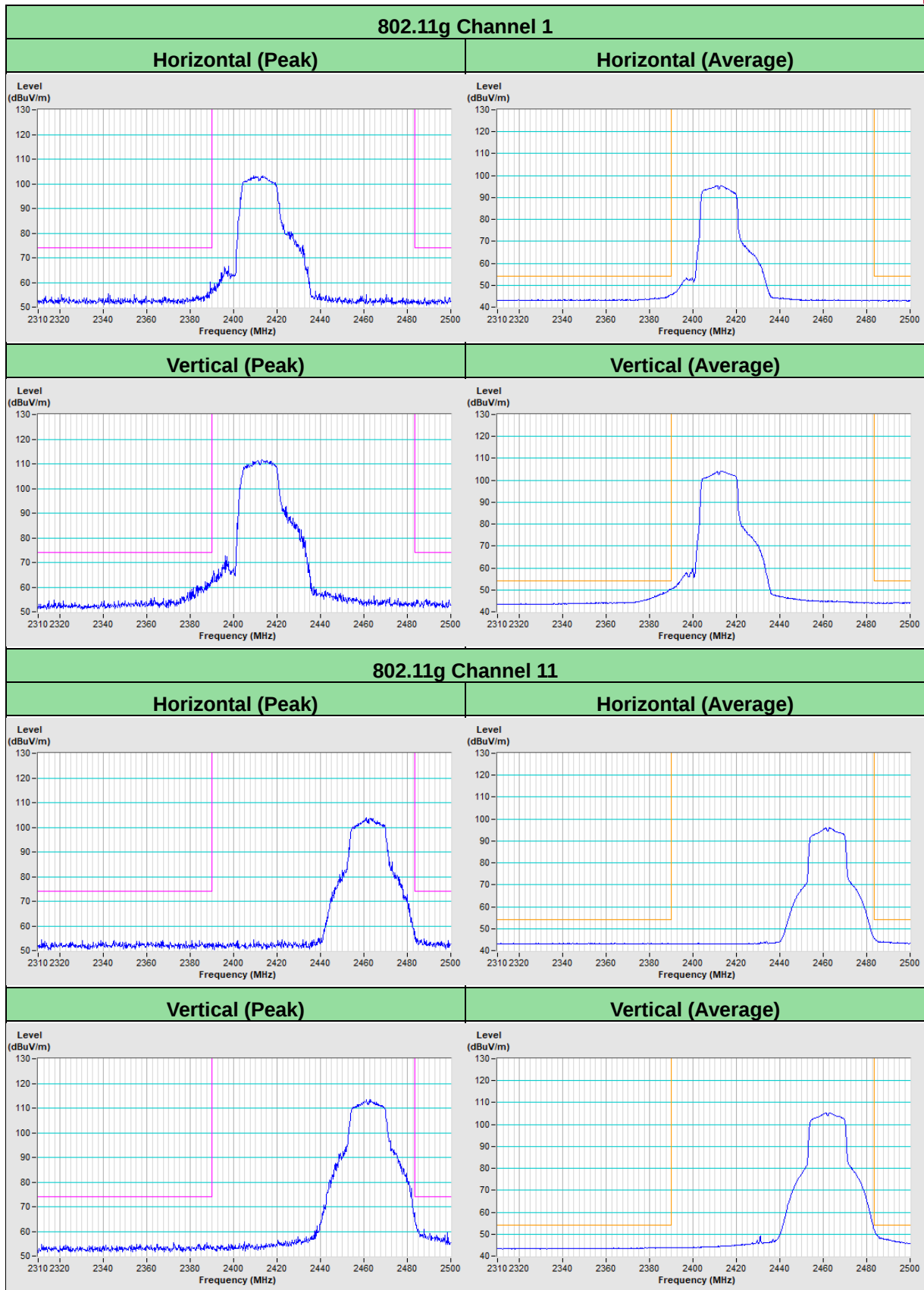
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. The Band-edge measurements was follow ANSI C63.10 Section 11.13.3.

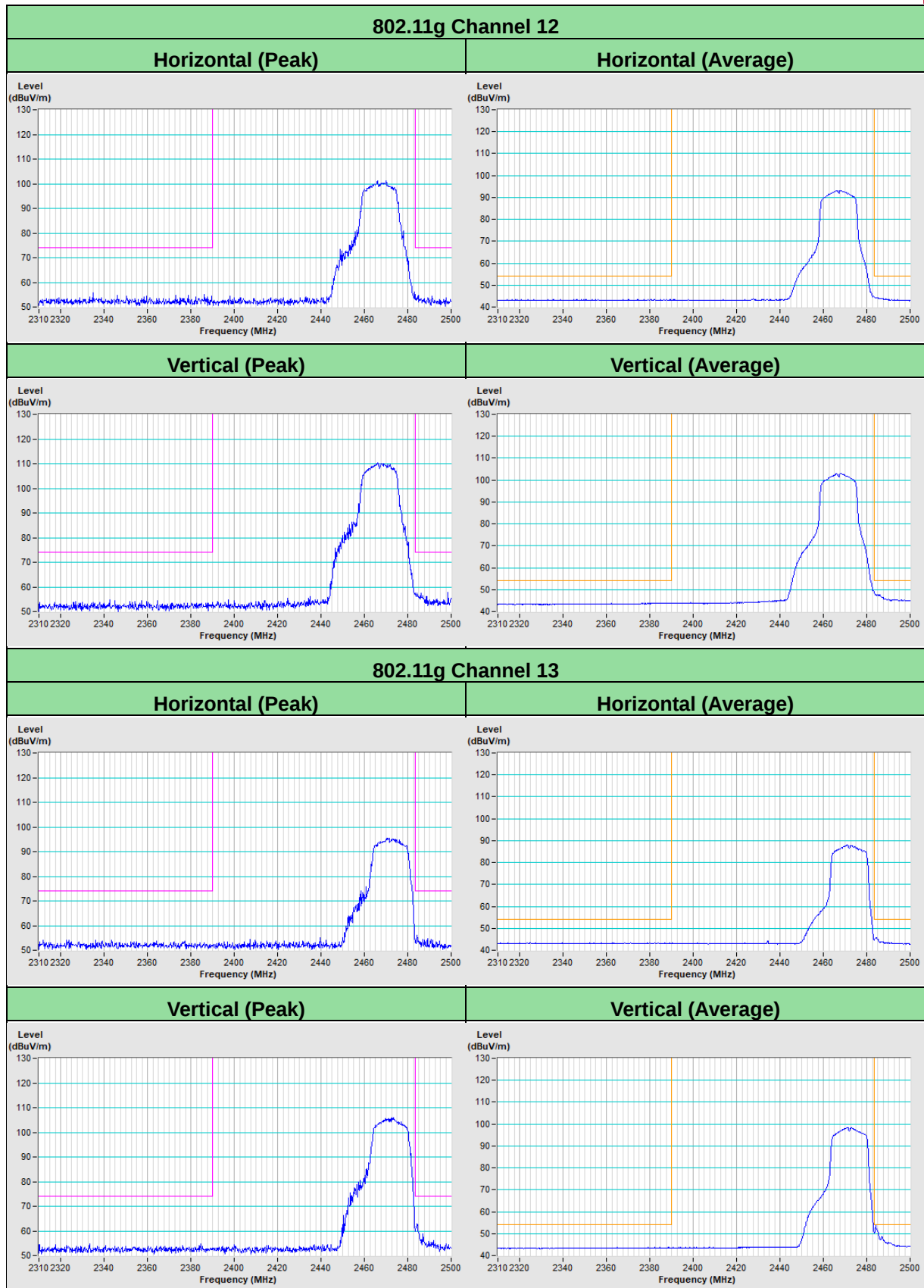


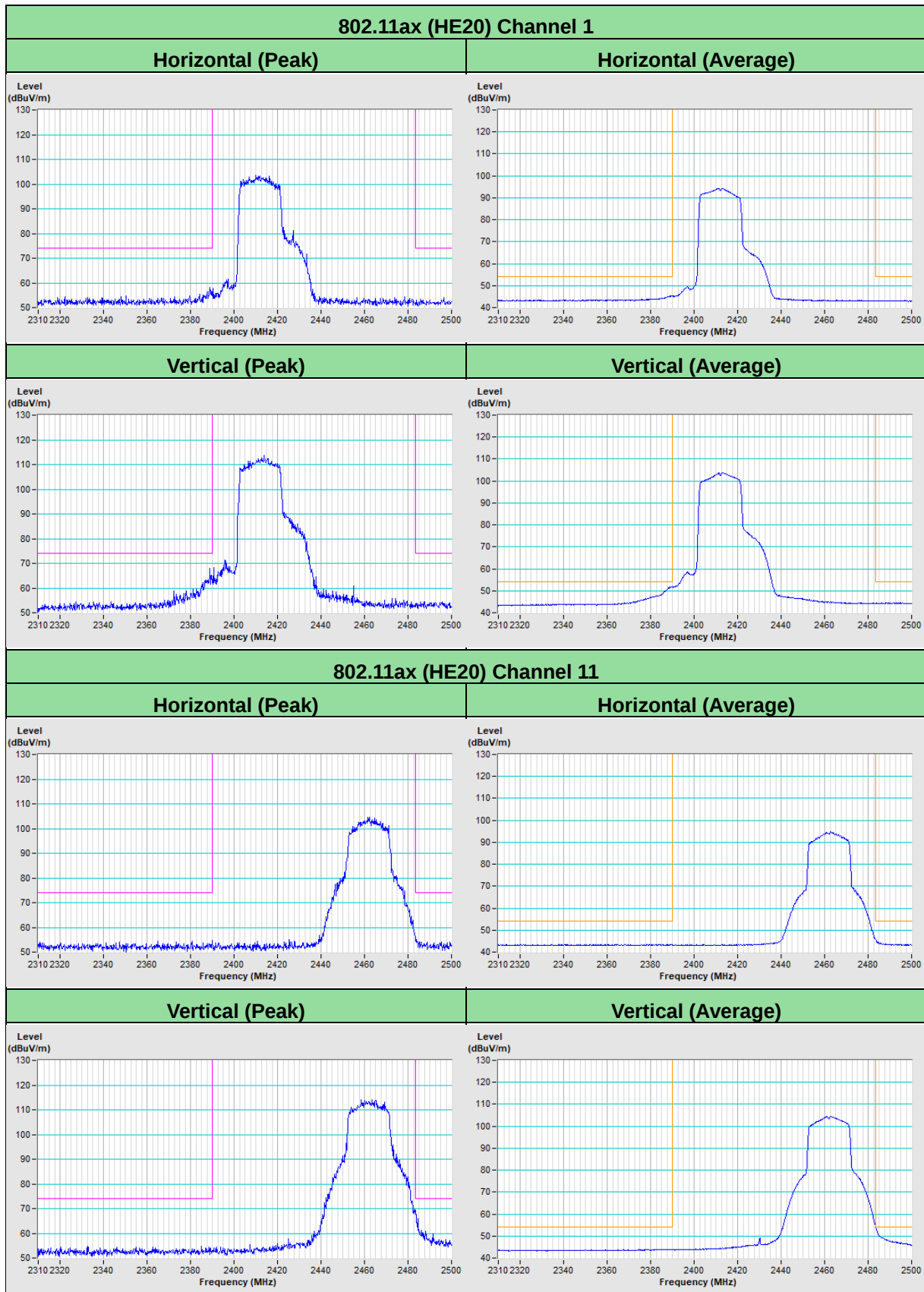
Plot of Band Edge

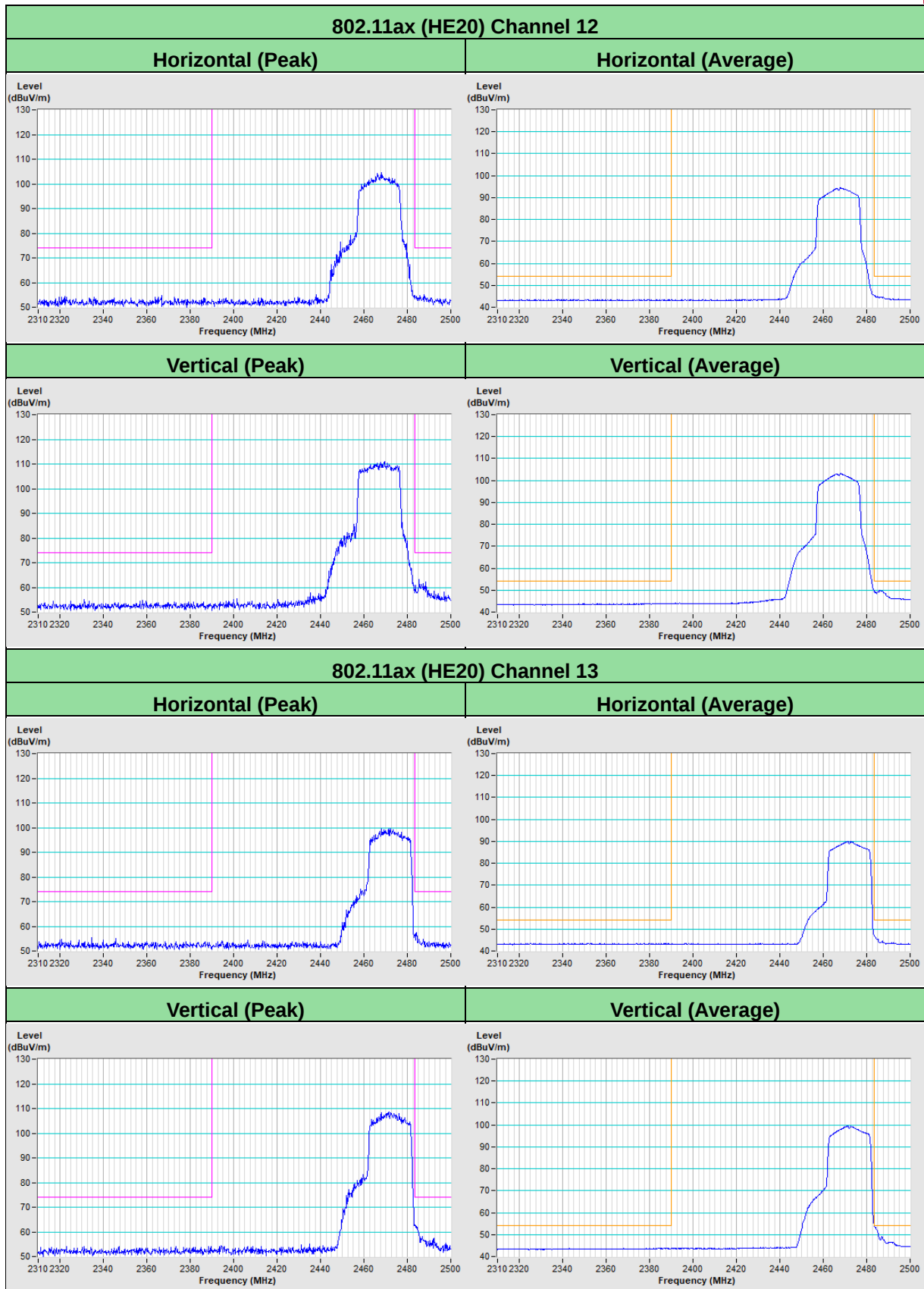


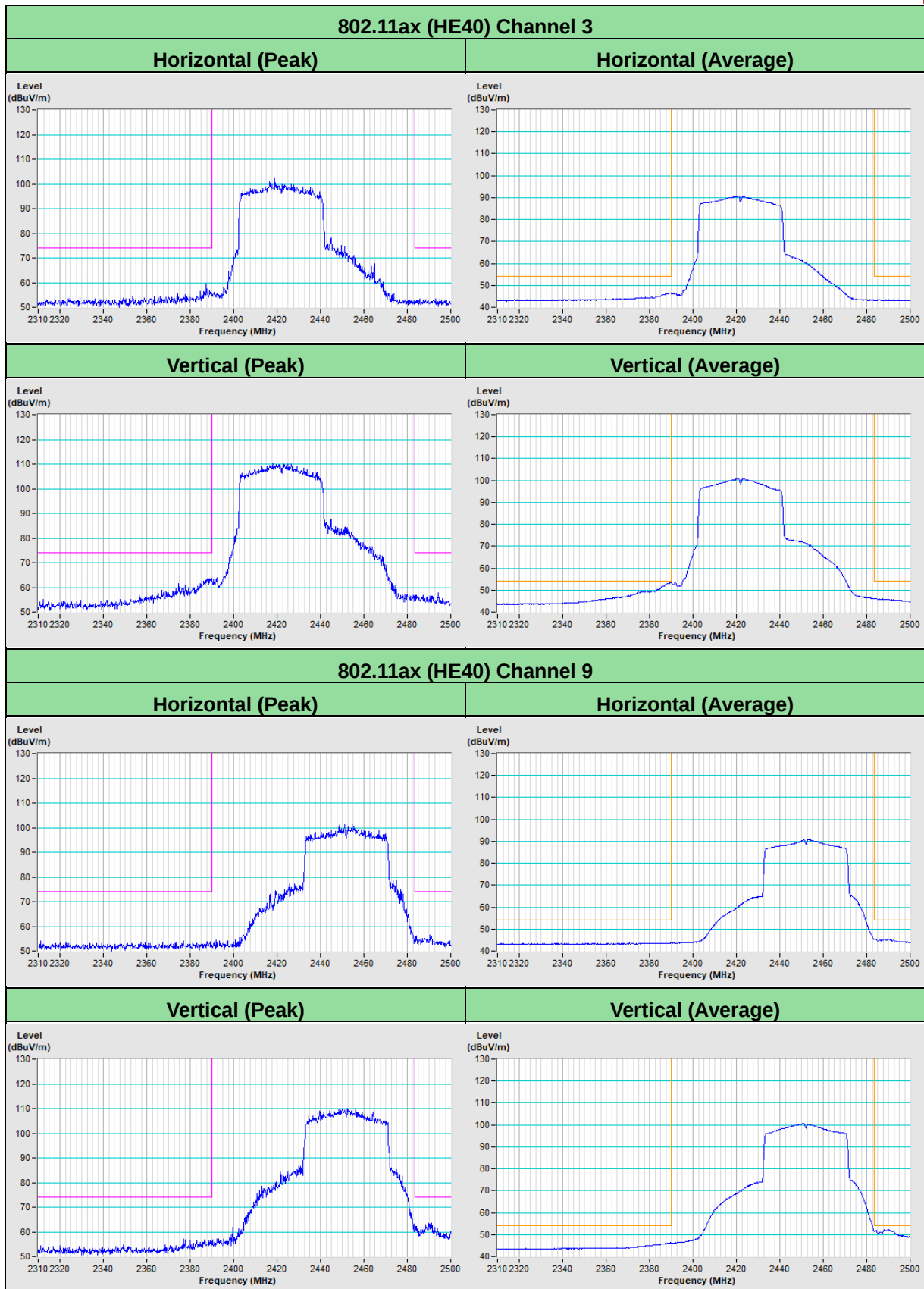


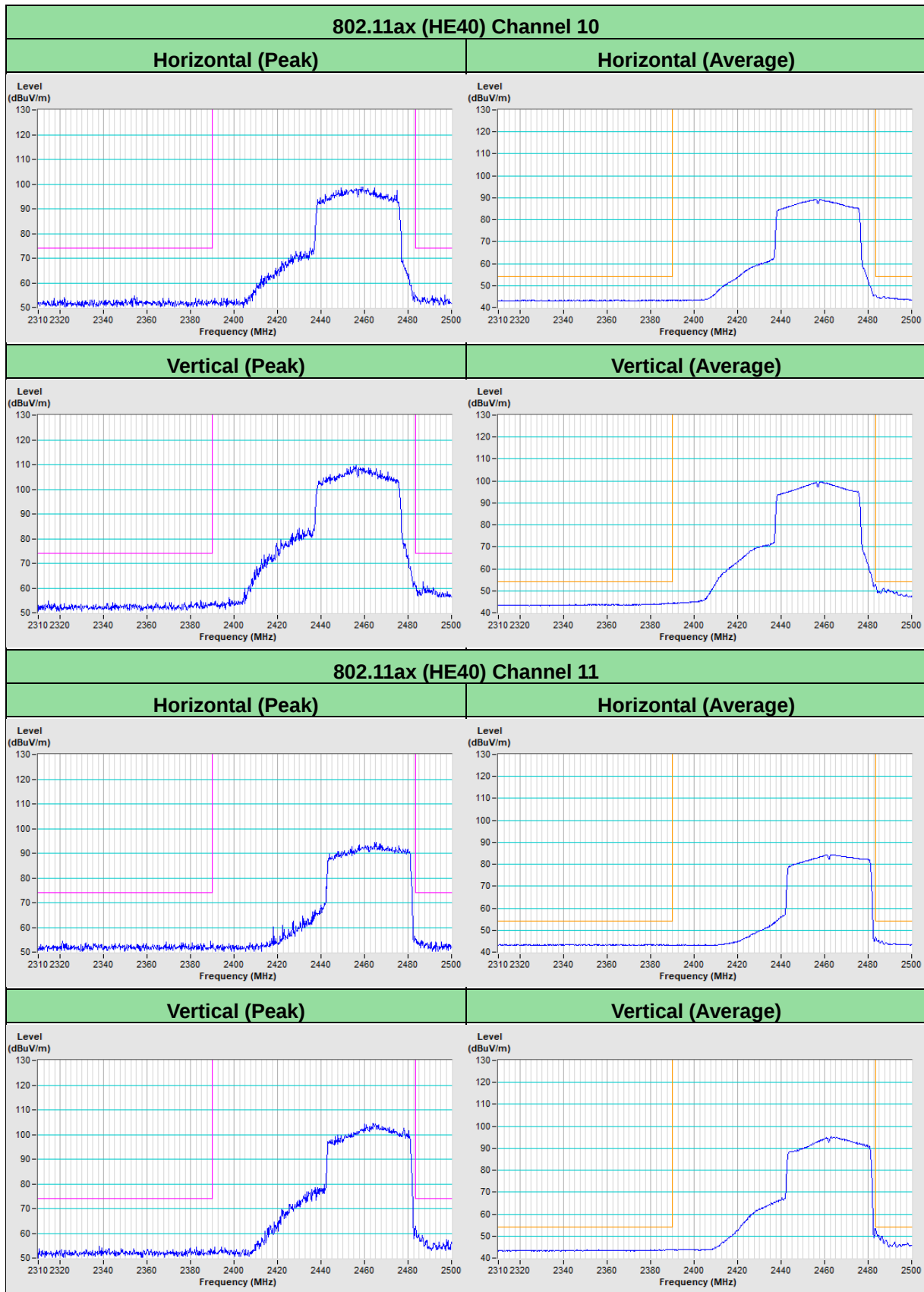


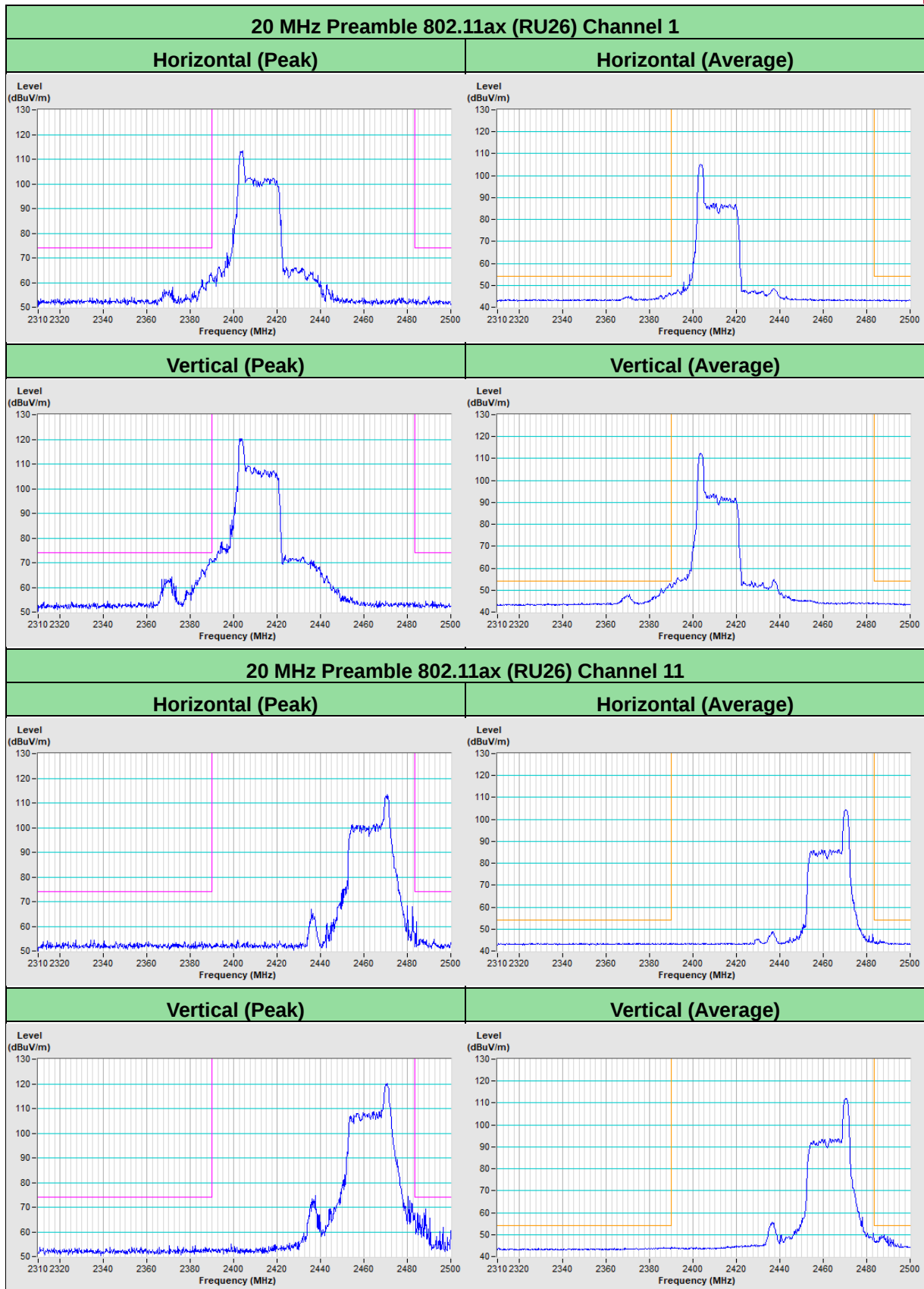


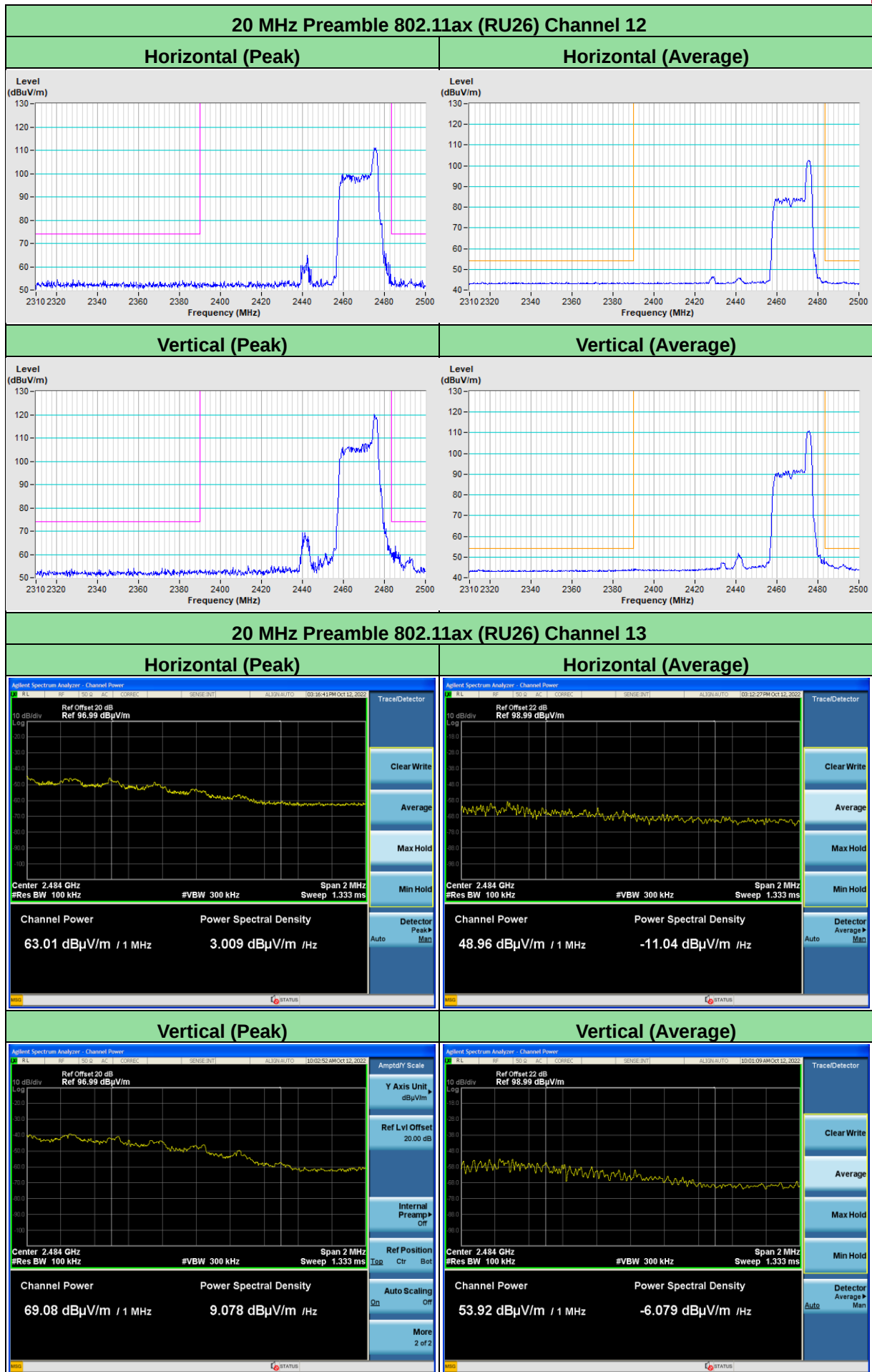


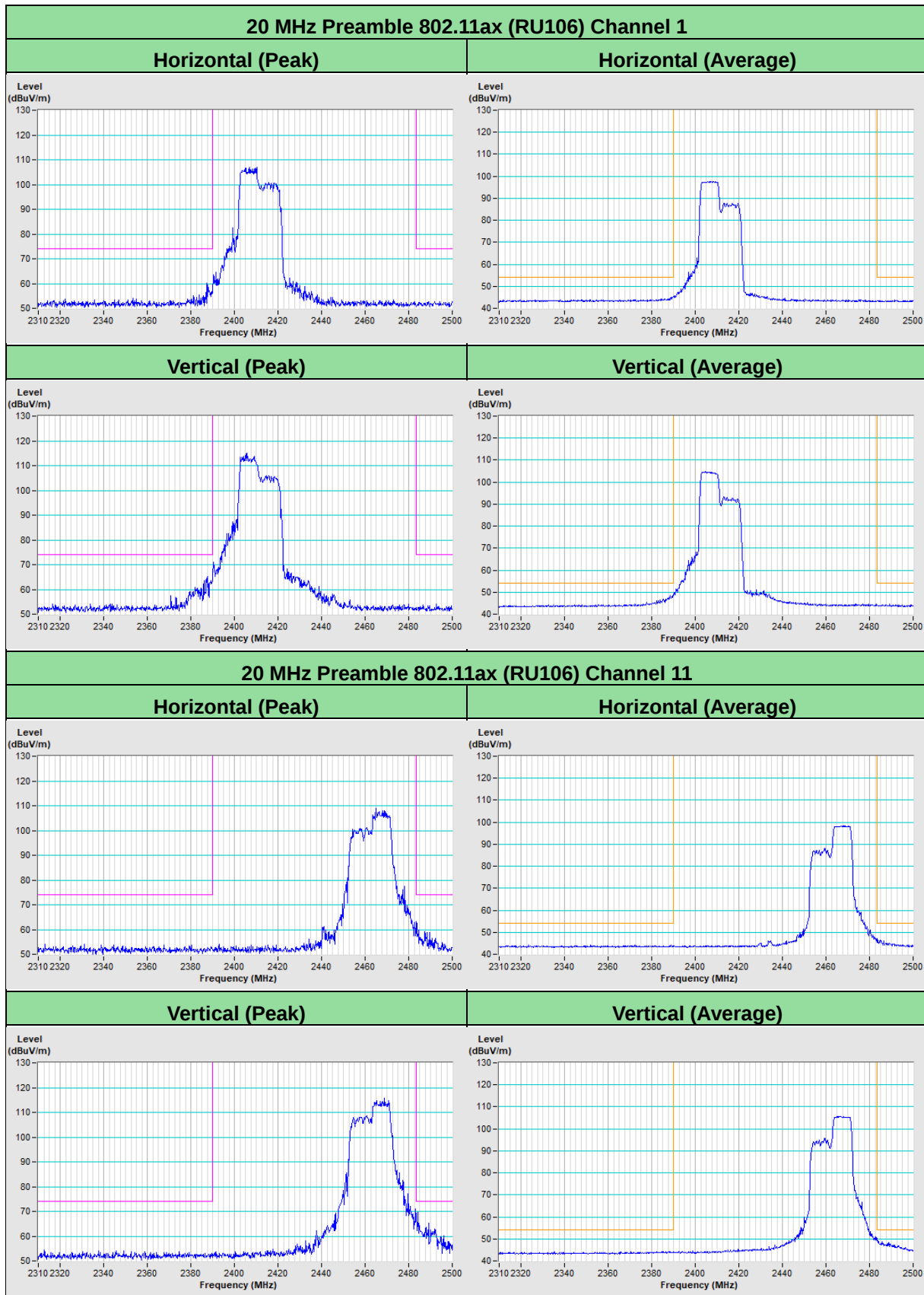


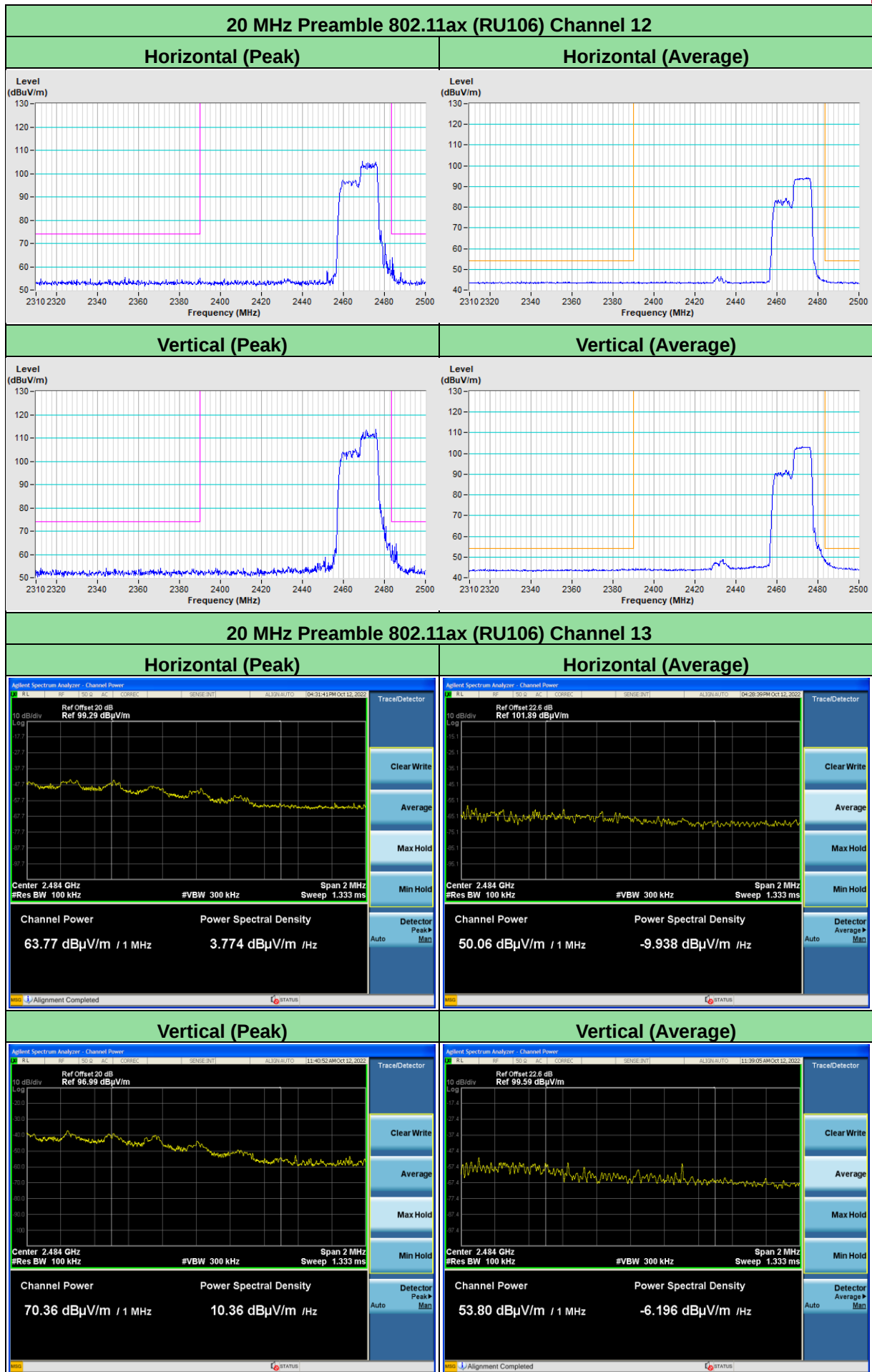












8 Pictures of Test Arrangements

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.

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

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