

TEST REPORT

CERTIFICATE OF CONFORMITY

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

Report No.: RFBARR-WTW-P22060042

FCC ID: RAS-MT7927

Model No.: MT7927

Received Date: 2022/6/6

Test Date: 2022/6/13 ~ 2022/8/13

Issued Date: 2022/9/8

Applicant: MediaTek Inc.

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

Designation Number:

Approved by: _____, **Date:** 2022/9/8
May Chen / Manager

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Prepared by : Cherry Chuo / Specialist

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Table of Contents

Release Control Record	4
1 Certificate.....	5
2 Summary of Test Results	6
2.1 Measurement Uncertainty	6
2.2 Supplementary Information	6
3 General Information	7
3.1 General Description	7
3.2 Antenna Description of EUT	8
3.3 Channel List.....	9
3.4 Test Mode Applicability and Tested Channel Detail.....	10
3.5 Duty Cycle of Test Signal.....	11
3.6 Test Program Used and Operation Descriptions	12
3.7 Connection Diagram of EUT and Peripheral Devices	12
3.8 Configuration of Peripheral Devices and Cable Connections	13
4 Test Instruments	14
4.1 RF Output Power.....	14
4.2 Power Spectral Density	14
4.3 6 dB Bandwidth	14
4.4 Conducted Out of Band Emissions	14
4.5 AC Power Conducted Emissions	15
4.6 Unwanted Emissions below 1 GHz	15
4.7 Unwanted Emissions above 1 GHz.....	16
5 Limits of Test Items.....	17
5.1 RF Output Power.....	17
5.2 Power Spectral Density	17
5.3 6 dB Bandwidth	17
5.4 Conducted Out of Band Emissions	17
5.5 AC Power Conducted Emissions	17
5.6 Unwanted Emissions below 1 GHz	18
5.7 Unwanted Emissions above 1 GHz.....	18
6 Test Arrangements.....	19
6.1 RF Output Power.....	19
6.1.1 Test Setup	19
6.1.2 Test Procedure.....	19
6.2 Power Spectral Density	19
6.2.1 Test Setup	19
6.2.2 Test Procedure.....	19
6.3 6 dB Bandwidth	20
6.3.1 Test Setup	20
6.3.2 Test Procedure.....	20
6.4 Conducted Out of Band Emissions	20
6.4.1 Test Setup	20
6.4.2 Test Procedure.....	20
6.5 AC Power Conducted Emissions	21
6.5.1 Test Setup	21
6.5.2 Test Procedure.....	21
6.6 Unwanted Emissions below 1 GHz	22
6.6.1 Test Setup	22
6.6.2 Test Procedure.....	23
6.7 Unwanted Emissions above 1 GHz.....	24
6.7.1 Test Setup	24
6.7.2 Test Procedure.....	24
7 Test Results of Test Item	25



7.1	RF Output Power	25
7.2	Power Spectral Density	28
7.3	6 dB Bandwidth	32
7.4	Conducted Out of Band Emissions	35
7.5	AC Power Conducted Emissions	55
7.6	Unwanted Emissions below 1 GHz	57
7.7	Unwanted Emissions above 1 GHz	59
8	Pictures of Test Arrangements	131
9	Information of the Testing Laboratories	132



Release Control Record

Issue No.	Description	Date Issued
RFBARR-WTW-P22060042	Original release.	2022/9/8

1 Certificate

Product: 2TX 11be (WiFi7) BW320 + BT/BLE Combo Card

Brand: MediaTek

Test Model: MT7927

Sample Status: Engineering sample

Applicant: MediaTek Inc.

Test Date: 2022/6/13 ~ 2022/8/13

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

KDB 662911 D01 Multiple Transmitter Output v02r01

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

2 Summary of Test Results

47 CFR FCC Part 15, Subpart C (Section 15.247)			
Standard / Clause	Test Item	Result	Remark
15.247(b)	RF Output Power	Pass	Meet the requirement of limit.
15.247(e)	Power Spectral Density	Pass	Meet the requirement of limit.
15.247(a)(2)	6 dB Bandwidth	Pass	Meet the requirement of limit.
15.247(d)	Conducted Out of Band Emissions	Pass	Meet the requirement of limit.
15.207	AC Power Conducted Emissions	Pass	Minimum passing margin is -16.18 dB at 0.20859 MHz
15.205 / 15.209 / 15.247(d)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -3.0 dB at 166.29, 719.99 MHz
15.205 / 15.209 / 15.247(d)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.1 dB at 2387.90, 2388.10, 2484.00, 2485.10 MHz
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF) not a standard connector.

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

2.1 Measurement Uncertainty

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

Measurement	Specification	Expanded Uncertainty (k=2) (±)
Conducted Out of Band Emissions	9 kHz ~ 40 GHz	2.5 dB
AC Power Conducted Emissions	150 kHz ~ 30 MHz	1.9 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	3.1 dB
	30 MHz ~ 1 GHz	5.5 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	5.1 dB
	18 GHz ~ 40 GHz	5.3 dB

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

2.2 Supplementary Information

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

3 General Information

3.1 General Description

Product	2TX 11be (WiFi7) BW320 + BT/BLE Combo Card
Brand	MediaTek
Test Model	MT7927
Status of EUT	Engineering sample
Power Supply Rating	3.3Vdc from host equipment
Modulation Type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in VHT mode 1024QAM for OFDMA in 11ax mode 4096QAM for OFDMA in 11be mode
Modulation Technology	DSSS, OFDM, OFDMA
Transfer Rate	802.11b: up to 11 Mbps 802.11g: up to 54 Mbps 802.11n: up to 300 Mbps VHT: up to 400 Mbps 802.11ax: up to 573.5 Mbps 802.11be: up to 688.2 Mbps
Operating Frequency	2412 ~ 2472 MHz
Number of Channel	802.11b, 802.11g, 802.11n (HT20), VHT20, 802.11ax (HE20), 802.11be (EHT20): 13 802.11n (HT40), VHT40, 802.11ax (HE40), 802.11be (EHT40): 9
Output Power	540.793 mW (27.33 dBm)

Note:

1. There are Bluetooth and WLAN (2.4GHz & 5GHz & 6GHz) technology used for the EUT.
2. Simultaneously transmission condition.

Condition	Technology	
1	WLAN (5GHz)	Bluetooth
2	WLAN (6GHz)	Bluetooth
3	WLAN (2.4GHz)	WLAN (5GHz)
4	WLAN (2.4GHz)	WLAN (6GHz)

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

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

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna 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	PSA	RFMTA340718EMLB302	3.18	2.4~2.4835	PIFA	ipex(MHF)	200
				4.92	5.15~5.895			
2	Chain0	PSA	RFMTA311020EMMB301	1.71	2.4~2.4835	PIFA	ipex(MHF)	200
				4.82	5.15~5.895			
				4.76	5.925~6.425			
				4.29	6.425~6.525			
				4.61	6.525~6.875			
	Chain1	PSA	RFMTA311020EMMB301	4.09	6.875~7.125	PIFA	ipex(MHF)	200
				1.71	2.4~2.4835			
				4.82	5.15~5.895			
				4.76	5.925~6.425			
				4.29	6.425~6.525			
3	Chain0	PSA	RFMTA421208IMMB701	-4.99	5.925~7.125	PIFA	i-pex(MHF)	300
				-4.99	5.925~7.125			
	Chain1	PSA	RFMTA421208IMMB701	-4.99	5.925~7.125	PIFA	i-pex(MHF)	300
				-4.99	5.925~7.125			

Note:

1. 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 MIMO function:

2.4 GHz Band		
Modulation Mode	TX & RX Configuration	
802.11b	2TX	2RX
802.11g	2TX	2RX
802.11n (HT20)	2TX	2RX
802.11n (HT40)	2TX	2RX
VHT20	2TX	2RX
VHT40	2TX	2RX
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11be (EHT20)	2TX	2RX
802.11be (EHT40)	2TX	2RX

Note: The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz), VHT mode for 20MHz (40MHz), 802.11ax mode for 20MHz (40MHz) and 802.11be mode for 20MHz (40MHz), therefore the manufacturer will control the power for 802.11n/VHT/ax mode is the same as the 802.11be or more lower than it and investigated worst case to representative mode in test report.

3.3 Channel List

13 channels are provided for 802.11b, 802.11g, 802.11n (HT20), VHT20 and 802.11ax (HE20), 802.11be (EHT20):

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

9 channels are provided for 802.11n (HT40), VHT40 and 802.11ax (HE40), 802.11be (EHT40):

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

3.4 Test Mode Applicability and Tested Channel Detail

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

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

Test Item	Mode	Tested Channel	Modulation	Data Rate Parameter
AC Power Conducted Emissions	802.11b	1	DBPSK	1Mb/s
Unwanted Emissions below 1 GHz	802.11b	1	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
	802.11be (EHT20)	1, 6, 11, 12, 13	BPSK	MCS0
	802.11be (EHT40)	3, 6, 9, 10, 11	BPSK	MCS0
RF Output Power / Power Spectral Density	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
	802.11be (EHT20)	1, 6, 11, 12, 13	BPSK	MCS0
	802.11be (EHT40)	3, 6, 9, 10, 11	BPSK	MCS0
6 dB Bandwidth / Conducted Out of Band Emissions	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
	802.11be (EHT20)	1, 6, 11, 12, 13	BPSK	MCS0
	802.11be (EHT40)	3, 6, 9, 10, 11	BPSK	MCS0

3.5 Duty Cycle of Test Signal

Duty cycle of test signal is $\geq 98\%$, duty factor is not required.
 Duty cycle of test signal is $< 98\%$, duty factor shall be considered.

802.11b: Duty cycle = $12.129 \text{ ms} / 12.28 \text{ ms} \times 100\% = 98.8\%$

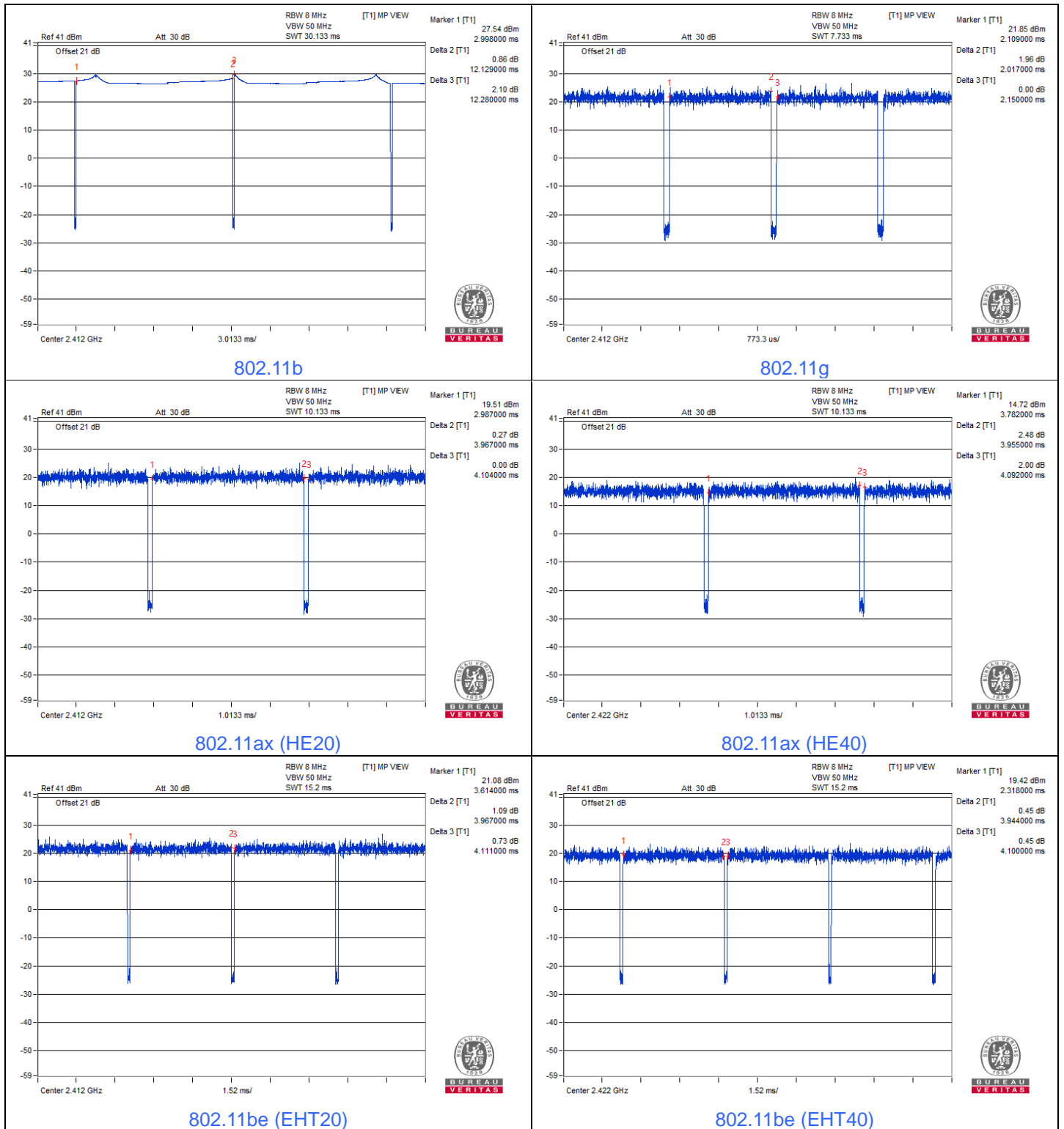
802.11g: Duty cycle = $2.017 \text{ ms} / 2.15 \text{ ms} \times 100\% = 93.8\%$, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.28 \text{ dB}$

802.11ax (HE20): Duty cycle = $3.967 \text{ ms} / 4.104 \text{ ms} \times 100\% = 96.7\%$, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.15 \text{ dB}$

802.11ax (HE40): Duty cycle = $3.955 \text{ ms} / 4.092 \text{ ms} \times 100\% = 96.7\%$, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.15 \text{ dB}$

802.11be (EHT20): Duty cycle = $3.967 \text{ ms} / 4.111 \text{ ms} \times 100\% = 96.5\%$, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.15 \text{ dB}$

802.11be (EHT40): Duty cycle = $3.944 \text{ ms} / 4.1 \text{ ms} \times 100\% = 96.2\%$, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.17 \text{ dB}$

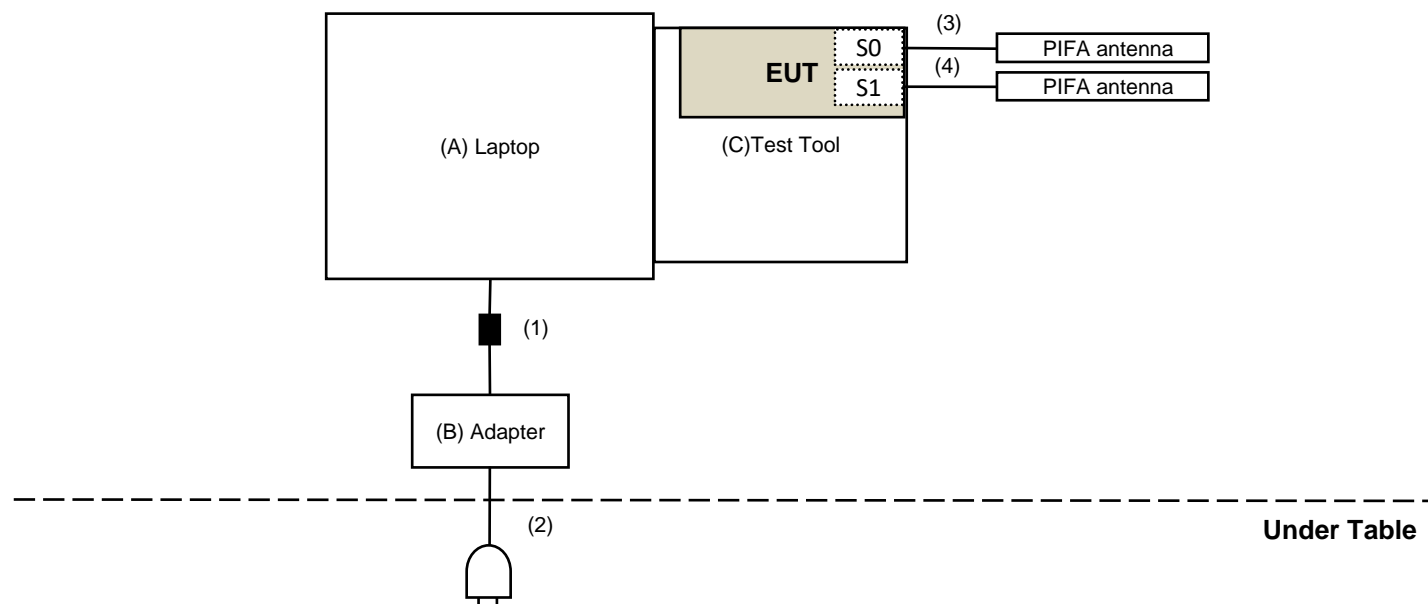


3.6 Test Program Used and Operation Descriptions

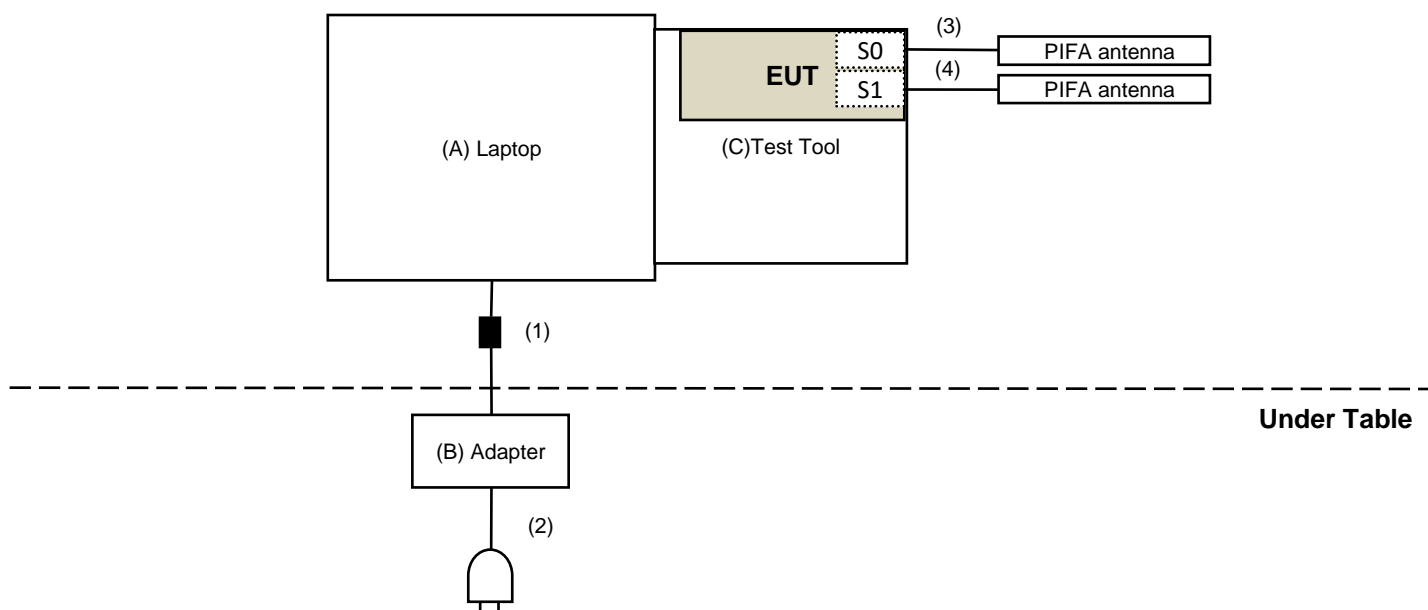
Controlling software (QATool_Dbg.exe (V19)) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices

For AC Power Conducted Emission test



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
3	RF Cable	1	0.2	No	0	Supplied by applicant
4	RF Cable	1	0.2	No	0	Supplied by applicant

4 Test Instruments

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

4.1 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Attenuator WOKEN	MDCS18N-10	MDCS18N-10-01	2022/4/5	2023/4/4
Power Meter Anritsu	ML2495A	1529002	2022/6/22	2023/6/21
Pulse Power Sensor Anritsu	MA2411B	1726434	2022/6/22	2023/6/21
Software	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2022/7/27

4.2 Power Spectral Density

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Attenuator WOKEN	MDCS18N-10	MDCS18N-10-01	2022/4/5	2023/4/4
Software	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A
Spectrum Analyzer R&S	FSV40	101516	2022/3/7	2023/3/6

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2022/7/27

4.3 6 dB Bandwidth

Refer to section 4.2 to get information of the instruments.

4.4 Conducted Out of Band Emissions

Refer to section 4.2 to get information of the instruments.

4.5 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohms Terminator	50	3	2021/10/27	2022/10/26
Fixed attenuator STI	STI02-2200-10	005	2021/8/27	2022/8/26
LISN R&S	ESH3-Z5	848773/004	2021/10/29	2022/10/28
RF Coaxial Cable JYEBO	5D-FB	COCCAB-001	2021/9/25	2022/9/24
Software BVADT	BVADT_Cond_V7.3.7.4	N/A	N/A	N/A
TEST RECEIVER R&S	ESCS 30	847124/029	2021/10/13	2022/10/12

Notes:

1. The test was performed in Conduction 1
2. Tested Date: 2022/8/11

4.6 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: 2022/7/29

4.7 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
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: 2022/6/13 ~ 2022/8/13

5 Limits of Test Items

5.1 RF Output Power

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

Per KDB 662911 D01 Multiple Transmitter Output Method of conducted output power measurement on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;

Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

For power measurements on all other devices: Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB.

5.2 Power Spectral Density

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

5.3 6 dB Bandwidth

The minimum of 6 dB Bandwidth Measurement is 0.5 MHz.

5.4 Conducted Out of Band Emissions

Below 30 dB of the highest emission level of operating band (in 100 kHz Resolution Bandwidth).

5.5 AC Power Conducted Emissions

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Notes:

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

5.6 Unwanted Emissions below 1 GHz

Radiated emissions up to 1 GHz which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 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).

5.7 Unwanted Emissions above 1 GHz

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

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

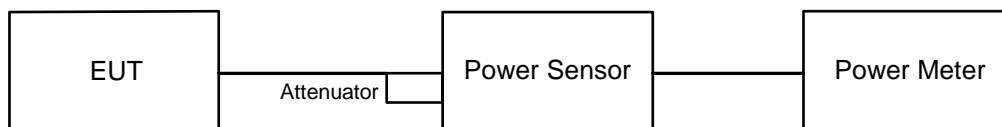
Notes:

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 RF Output Power

6.1.1 Test Setup



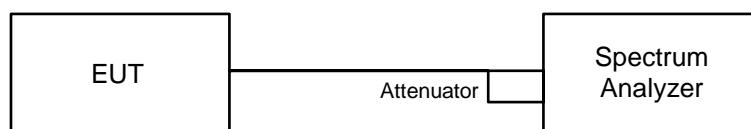
6.1.2 Test Procedure

Average Power:

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

6.2 Power Spectral Density

6.2.1 Test Setup



6.2.2 Test Procedure

- a. Measure the duty cycle (x).
- b. Set instrument center frequency to DTS channel center frequency.
- c. Set span to at least 1.5 times the OBW.
- d. Set RBW to: 3 kHz.
- e. Set VBW $\geq 3 \times$ RBW.
- f. Detector = power averaging (RMS) or sample detector (when RMS not available).
- g. Ensure that the number of measurement points in the sweep $\geq 2 \times$ span/RBW.
- h. Sweep time = auto couple.
- i. Do not use sweep triggering. Allow sweep to "free run".
- j. Employ trace averaging (RMS) mode over a minimum of 100 traces.
- k. Use the peak marker function to determine the maximum amplitude level.

Note: If Duty cycle < 98%, Add $10 \log (1/x)$, where x is the duty cycle measured in step (a), to the measured PSD to compute the average PSD during the actual transmission time.

6.3 6 dB Bandwidth

6.3.1 Test Setup

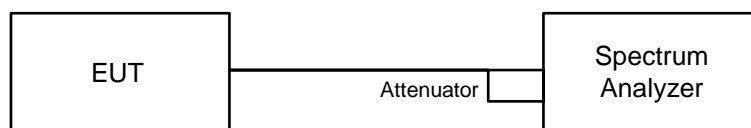


6.3.2 Test Procedure

- Set resolution bandwidth (RBW) = 100 kHz.
- Set the video bandwidth (VBW) $\geq 3 \times$ RBW, Detector = Peak.
- Trace mode = max hold.
- Sweep = auto couple.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.4 Conducted Out of Band Emissions

6.4.1 Test Setup



6.4.2 Test Procedure

MEASUREMENT PROCEDURE REF

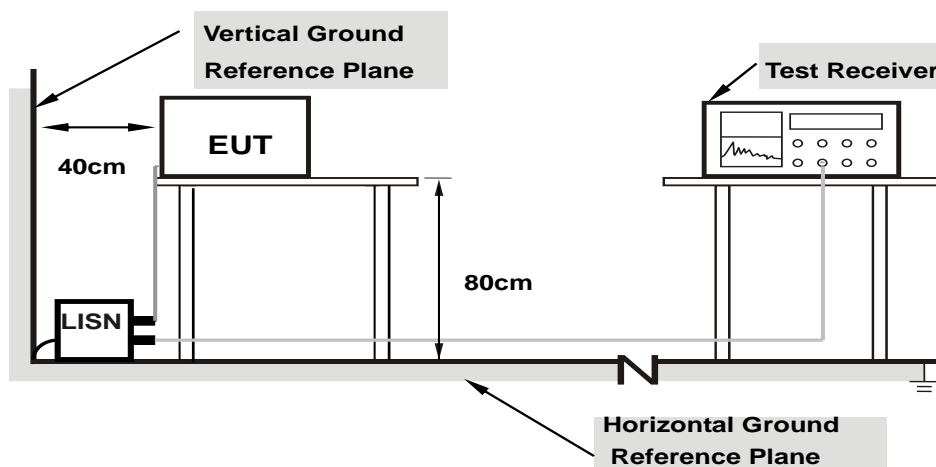
- Set the RBW = 100 kHz.
- Set the VBW ≥ 300 kHz.
- Detector = peak.
- Sweep time = auto couple.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

MEASUREMENT PROCEDURE OOBE

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

6.5 AC Power Conducted Emissions

6.5.1 Test Setup



Note: 1.Support units were connected to second LISN.

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

6.5.2 Test Procedure

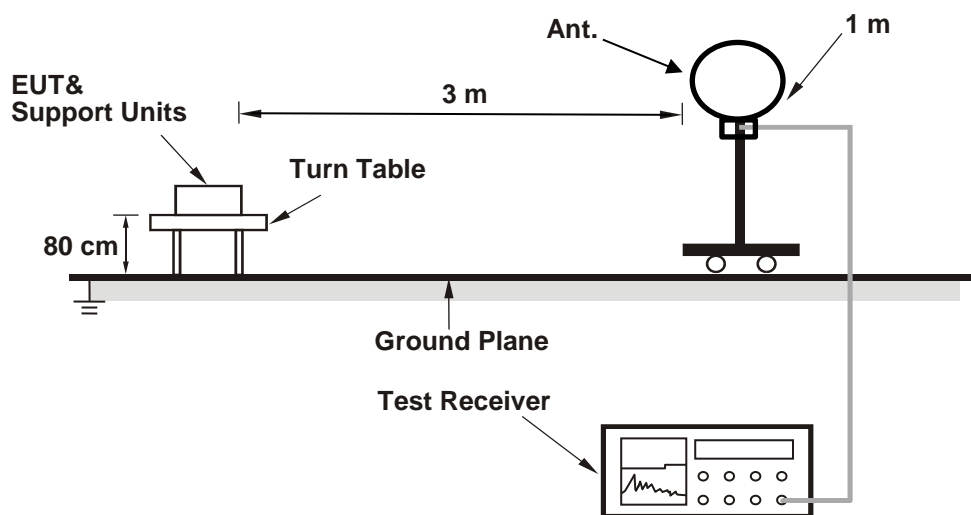
- The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50 uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz-30 MHz.

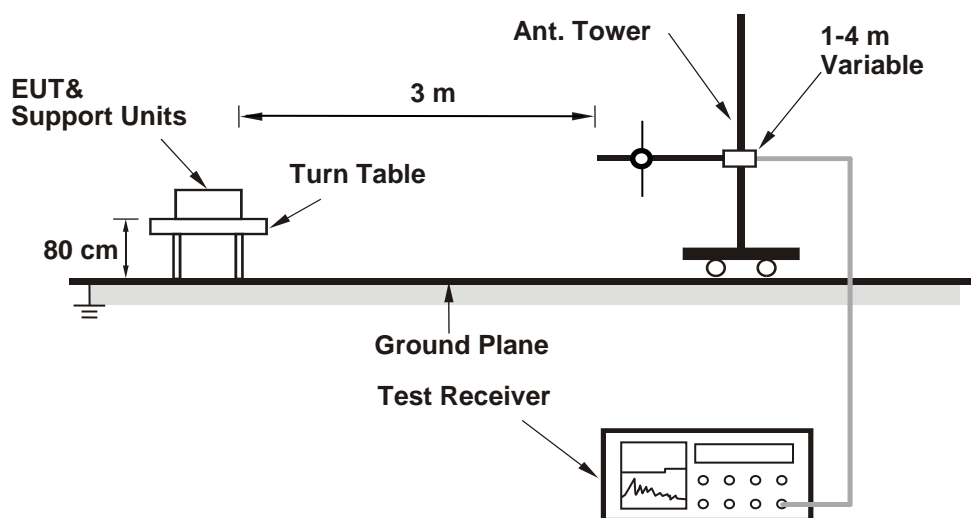
6.6 Unwanted Emissions below 1 GHz

6.6.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



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

6.6.2 Test Procedure

For Radiated emission below 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode, except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200 Hz at frequency below 150 kHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz or 10 kHz at frequency (150 kHz to 30 MHz).
3. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated emission above 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

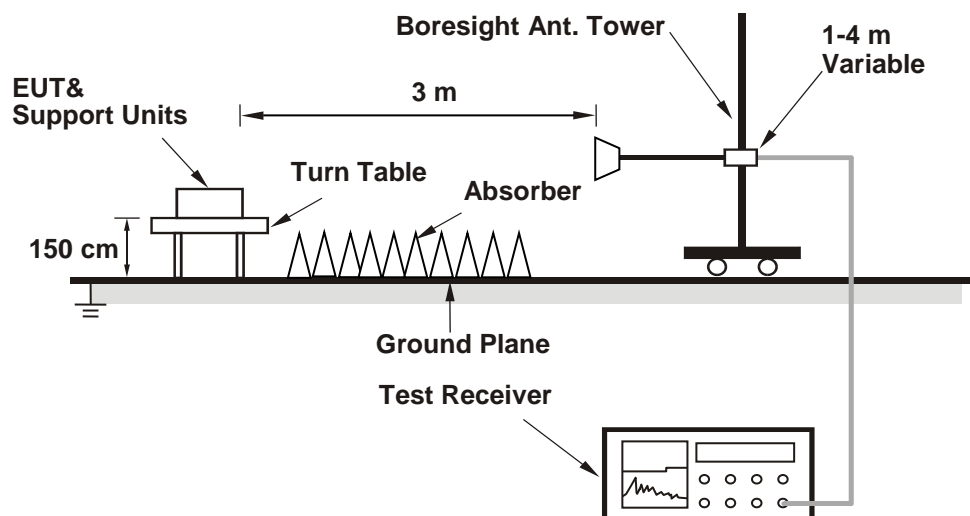
Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

6.7 Unwanted Emissions above 1 GHz

6.7.1 Test Setup

For Radiated emission above 1 GHz



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

6.7.2 Test Procedure

- The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Notes:

- The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) and Average detection (AV) at frequency above 1 GHz.
- For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10 Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1 GHz.
- All modes of operation were investigated and the worst-case emissions are reported.

7 Test Results of Test Item

7.1 RF Output Power

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

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	24.33	24.31	540.793	27.33	30	Pass
6	2437	24.21	24.09	520.082	27.16	30	Pass
11	2462	24.43	24.13	536.153	27.29	30	Pass
12	2467	17.91	17.41	116.882	20.68	30	Pass
13	2472	14.34	13.64	50.285	17.01	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 3.18 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11g

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	18.96	18.74	153.522	21.86	30	Pass
6	2437	22.53	22.51	357.298	25.53	30	Pass
11	2462	18.21	17.95	128.595	21.09	30	Pass
12	2467	16.24	16.11	82.905	19.19	30	Pass
13	2472	14.34	14.09	52.809	17.23	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 3.18 dBi < 6 dBi, so the output power limit shall not be reduced.

VHT20

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	17.41	17.43	110.416	20.43	30	Pass
6	2437	22.00	22.07	319.554	25.05	30	Pass
11	2462	17.57	17.01	107.382	20.31	30	Pass
12	2467	15.23	15.27	66.994	18.26	30	Pass
13	2472	13.12	13.07	40.788	16.11	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 3.18 dBi < 6 dBi, so the output power limit shall not be reduced.

VHT40

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
3	2422	15.11	14.94	63.623	18.04	30	Pass
6	2437	17.99	17.81	123.345	20.91	30	Pass
9	2452	15.11	14.89	63.266	18.01	30	Pass
10	2457	14.34	13.94	51.939	17.15	30	Pass
11	2462	13.61	13.33	44.489	16.48	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 3.18 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	17.45	17.48	111.566	20.48	30	Pass
6	2437	22.20	22.23	333.068	25.23	30	Pass
11	2462	17.51	17.14	108.124	20.34	30	Pass
12	2467	15.30	15.27	67.536	18.30	30	Pass
13	2472	13.15	13.06	40.884	16.12	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 3.18 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
3	2422	15.32	15.10	66.4	18.22	30	Pass
6	2437	18.24	17.99	129.631	21.13	30	Pass
9	2452	15.29	15.05	65.795	18.18	30	Pass
10	2457	14.34	14.12	52.987	17.24	30	Pass
11	2462	13.88	13.56	47.133	16.73	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 3.18 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	17.61	17.36	112.127	20.50	30	Pass
6	2437	22.26	22.19	333.844	25.24	30	Pass
11	2462	17.45	17.24	108.557	20.36	30	Pass
12	2467	15.46	15.17	68.041	18.33	30	Pass
13	2472	13.27	12.98	41.093	16.14	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 3.18 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
3	2422	15.37	15.12	66.944	18.26	30	Pass
6	2437	18.25	18.03	130.367	21.15	30	Pass
9	2452	15.39	15.03	66.436	18.22	30	Pass
10	2457	14.42	14.09	53.314	17.27	30	Pass
11	2462	13.88	13.59	47.29	16.75	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 3.18 dBi < 6 dBi, so the output power limit shall not be reduced.

7.2 Power Spectral Density

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

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1			
1	2412	-6.04	-6.61	-3.30	7.81	Pass
6	2437	-6.13	-6.38	-3.24	7.81	Pass
11	2462	-6.54	-7.86	-4.14	7.81	Pass
12	2467	-12.52	-12.75	-9.62	7.81	Pass
13	2472	-15.64	-16.89	-13.21	7.81	Pass

Notes:

- Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
- Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
- The directional gain is 6.19 dBi > 6 dBi, so the power density limit shall be reduced to $8 - (6.19 - 6) = 7.81$ dBm/3kHz.

802.11g

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/3kHz)		Duty Factor (dB)	Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1				
1	2412	-12.90	-13.19	0.28	-9.76	7.81	Pass
6	2437	-10.43	-9.22	0.28	-6.50	7.81	Pass
11	2462	-13.53	-13.95	0.28	-10.45	7.81	Pass
12	2467	-15.55	-16.37	0.28	-12.65	7.81	Pass
13	2472	-17.61	-19.03	0.28	-14.97	7.81	Pass

Notes:

- Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
- Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
- The directional gain is 6.19 dBi > 6 dBi, so the power density limit shall be reduced to $8 - (6.19 - 6) = 7.81$ dBm/3kHz.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/3kHz)		Duty Factor (dB)	Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1				
1	2412	-15.22	-14.02	0.15	-11.42	7.81	Pass
6	2437	-10.84	-10.42	0.15	-7.47	7.81	Pass
11	2462	-16.63	-15.18	0.15	-12.69	7.81	Pass
12	2467	-16.85	-18.13	0.15	-14.29	7.81	Pass
13	2472	-19.29	-20.31	0.15	-16.61	7.81	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. The directional gain is 6.19 dBi > 6 dBi, so the power density limit shall be reduced to $8-(6.19-6) = 7.81$ dBm/3kHz.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/3kHz)		Duty Factor (dB)	Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1				
3	2422	-19.87	-21.69	0.15	-17.53	7.81	Pass
6	2437	-17.64	-18.47	0.15	-14.88	7.81	Pass
9	2452	-20.19	-21.29	0.15	-17.55	7.81	Pass
10	2457	-21.33	-21.04	0.15	-18.02	7.81	Pass
11	2462	-20.95	-22.49	0.15	-18.49	7.81	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. The directional gain is 6.19 dBi > 6 dBi, so the power density limit shall be reduced to $8-(6.19-6) = 7.81$ dBm/3kHz.

802.11be (EHT20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/3kHz)		Duty Factor (dB)	Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1				
1	2412	-15.09	-15.55	0.15	-12.15	7.81	Pass
6	2437	-10.10	-9.97	0.15	-6.87	7.81	Pass
11	2462	-14.89	-15.45	0.15	-12.00	7.81	Pass
12	2467	-17.36	-17.70	0.15	-14.36	7.81	Pass
13	2472	-18.84	-19.51	0.15	-16.00	7.81	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. The directional gain is 6.19 dBi > 6 dBi, so the power density limit shall be reduced to $8-(6.19-6) = 7.81$ dBm/3kHz.

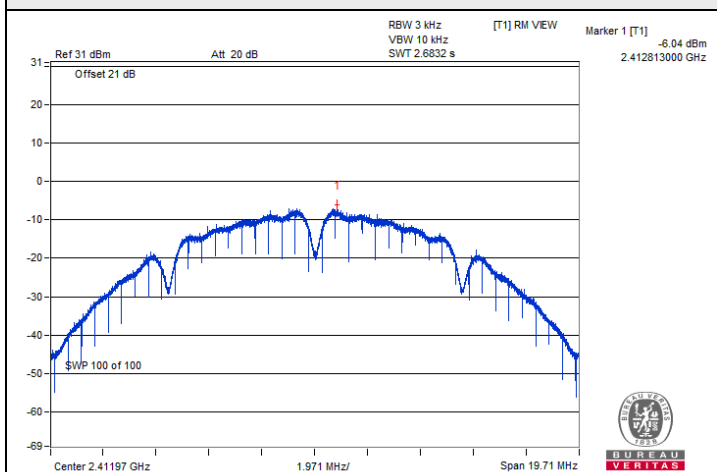
802.11be (EHT40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/3kHz)		Duty Factor (dB)	Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1				
3	2422	-20.75	-21.01	0.17	-17.70	7.81	Pass
6	2437	-17.69	-18.11	0.17	-14.72	7.81	Pass
9	2452	-19.99	-20.30	0.17	-16.96	7.81	Pass
10	2457	-21.31	-21.96	0.17	-18.44	7.81	Pass
11	2462	-22.06	-22.92	0.17	-19.29	7.81	Pass

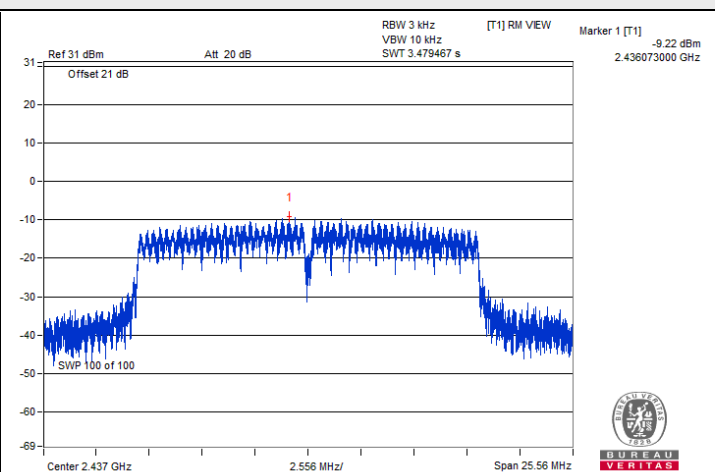
Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. The directional gain is 6.19 dBi > 6 dBi, so the power density limit shall be reduced to $8 - (6.19 - 6) = 7.81$ dBm/3kHz.

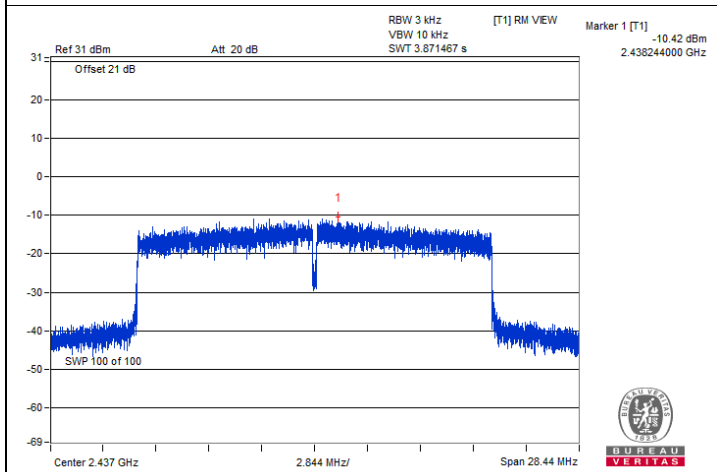
Spectrum Plot of Maximum Value



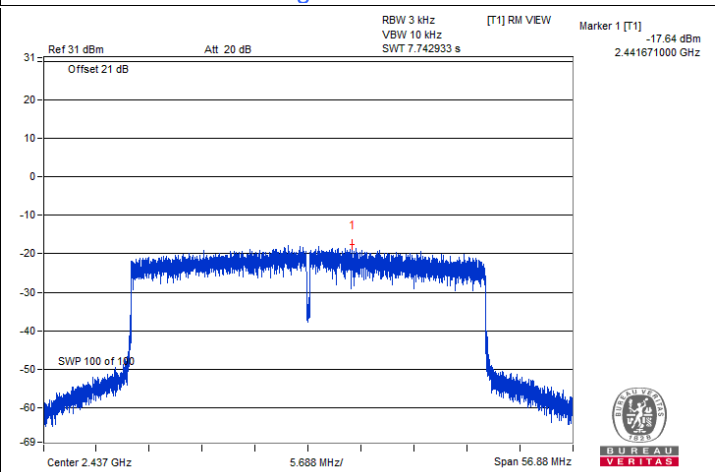
802.11b / Chain0 : CH 1



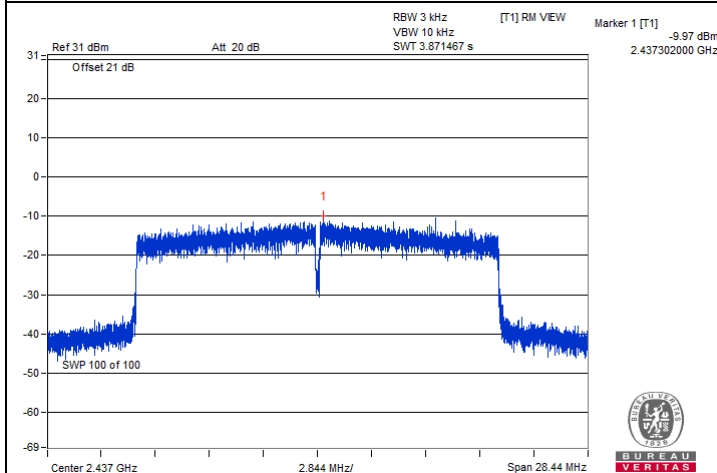
802.11g / Chain1 : CH 6



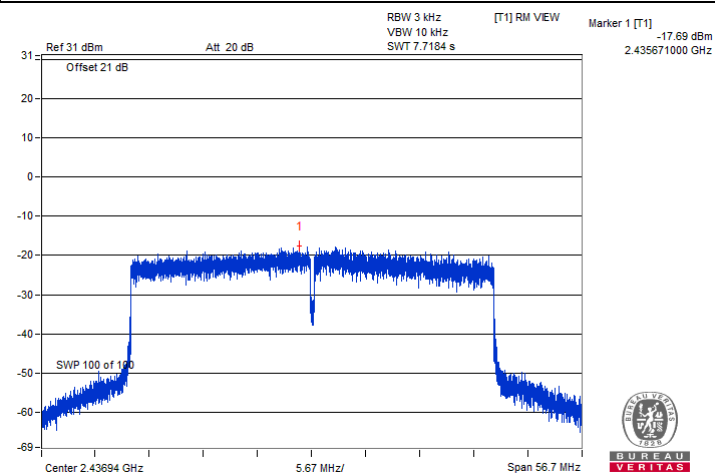
802.11ax (HE20) / Chain1 : CH 6



802.11ax (HE40) / Chain0 : CH 6



802.11be (EHT20) / Chain1 : CH 6



802.11be (EHT40) / Chain0 : CH 6

7.3 6 dB Bandwidth

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

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	8.57	8.12	0.5	Pass
6	2437	8.57	8.13	0.5	Pass
11	2462	9.09	8.13	0.5	Pass
12	2467	8.11	8.12	0.5	Pass
13	2472	8.13	8.12	0.5	Pass

802.11g

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	16.05	16.35	0.5	Pass
6	2437	15.56	16.35	0.5	Pass
11	2462	16.03	16.35	0.5	Pass
12	2467	15.88	16.35	0.5	Pass
13	2472	16.08	16.35	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	18.64	18.38	0.5	Pass
6	2437	18.51	18.40	0.5	Pass
11	2462	18.48	18.24	0.5	Pass
12	2467	18.52	18.35	0.5	Pass
13	2472	18.57	18.42	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
3	2422	37.65	37.31	0.5	Pass
6	2437	37.55	37.46	0.5	Pass
9	2452	37.86	37.27	0.5	Pass
10	2457	37.81	37.76	0.5	Pass
11	2462	37.80	37.37	0.5	Pass

802.11be (EHT20)

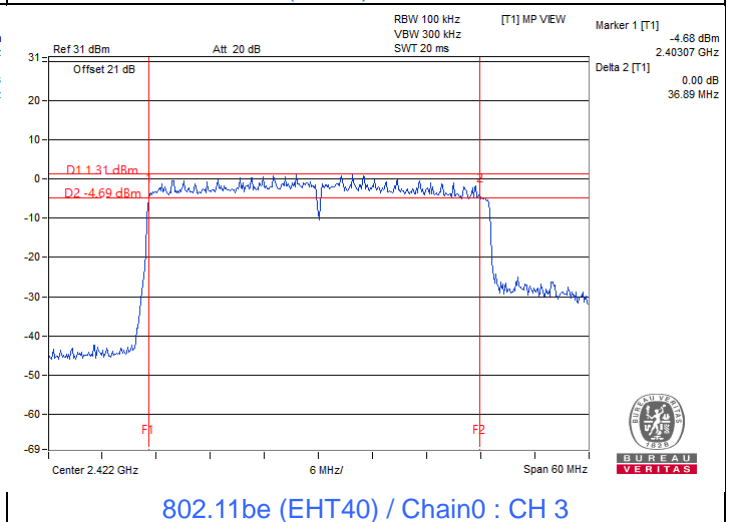
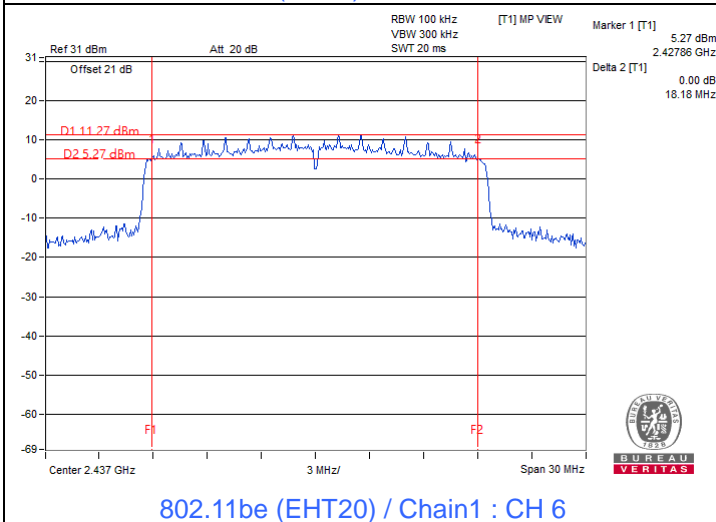
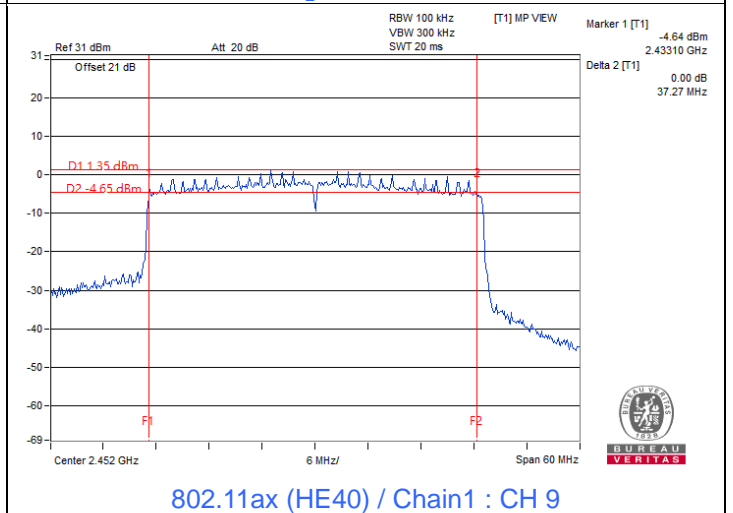
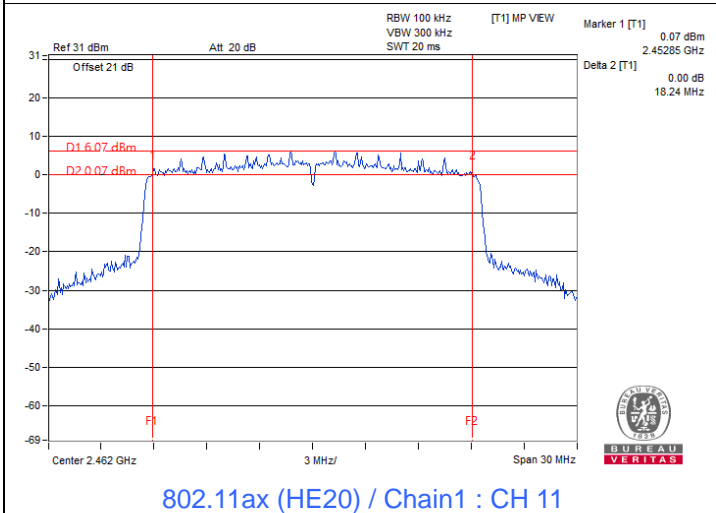
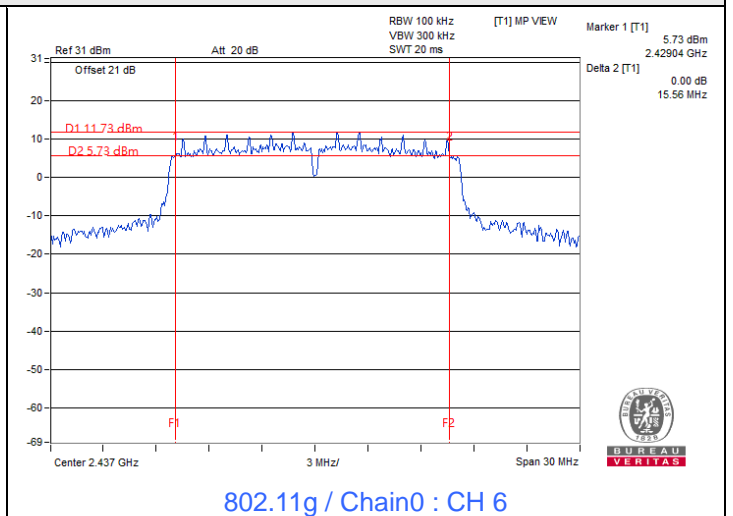
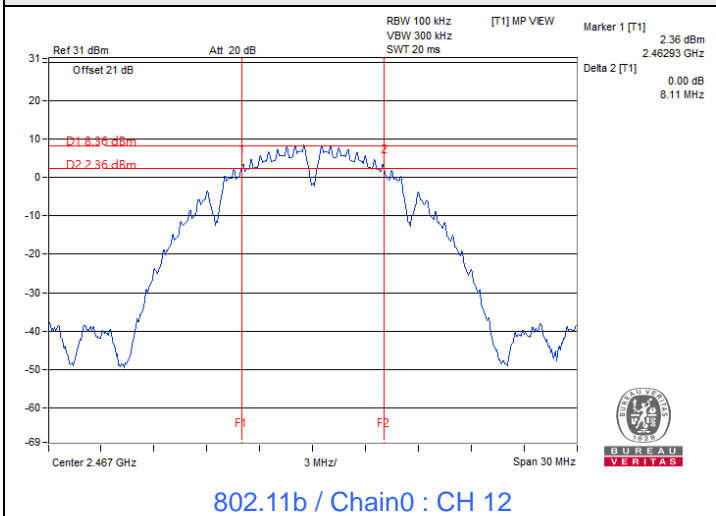
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	18.60	18.27	0.5	Pass
6	2437	18.53	18.18	0.5	Pass
11	2462	18.56	18.46	0.5	Pass
12	2467	18.65	18.50	0.5	Pass
13	2472	18.51	18.66	0.5	Pass

802.11be (EHT40)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
3	2422	36.89	37.79	0.5	Pass
6	2437	37.63	37.76	0.5	Pass
9	2452	37.40	37.20	0.5	Pass
10	2457	37.81	37.73	0.5	Pass
11	2462	37.54	37.72	0.5	Pass



Spectrum Plot of Minimum Value

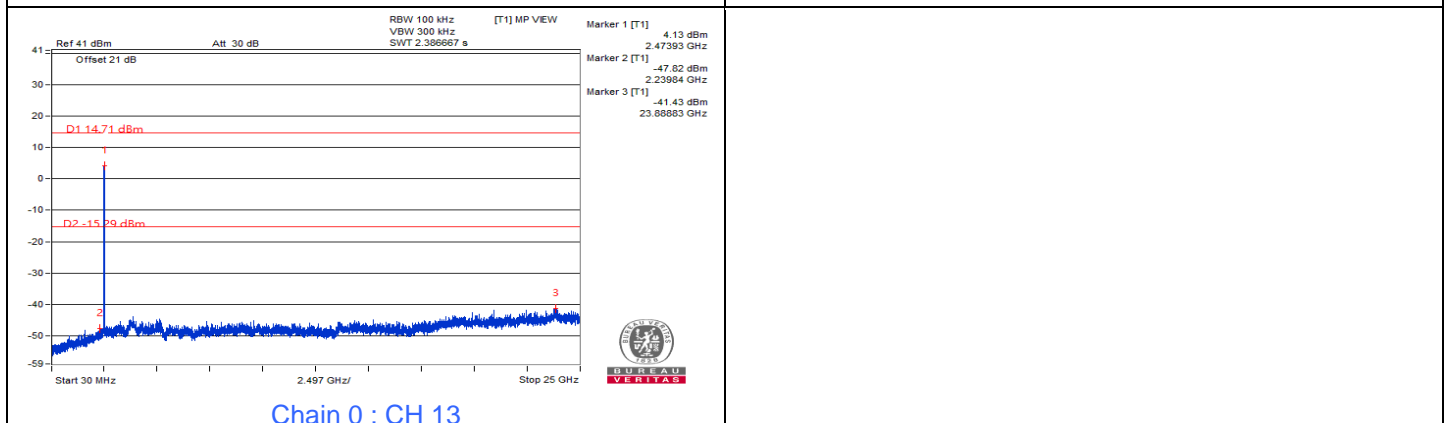
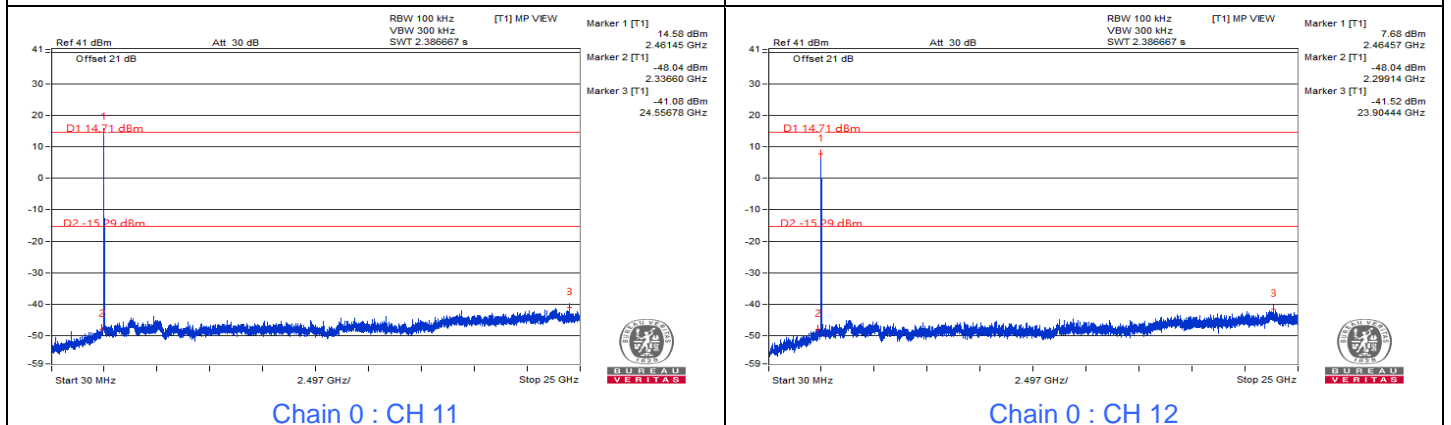
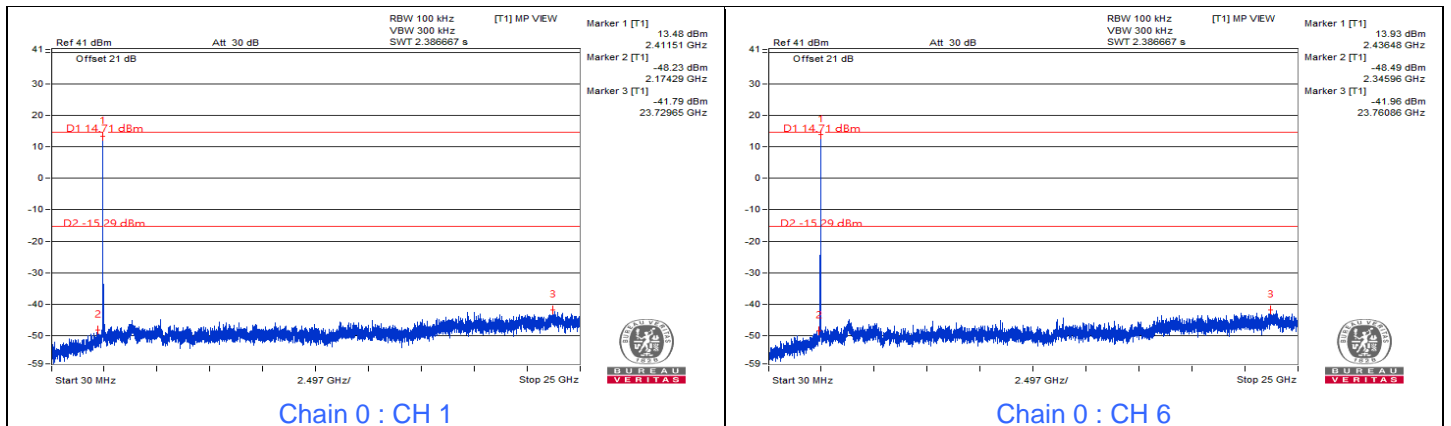
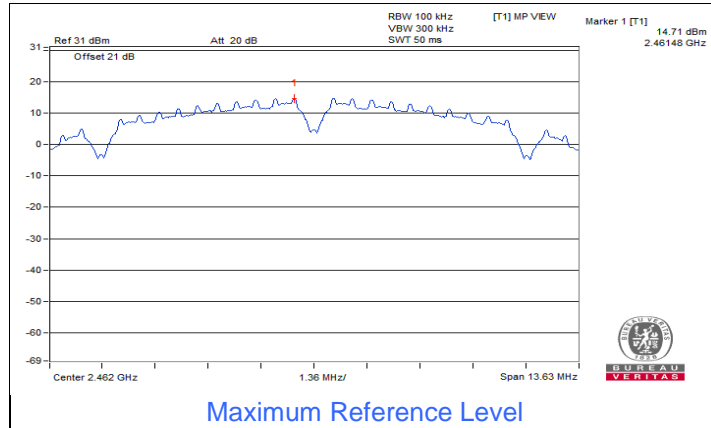


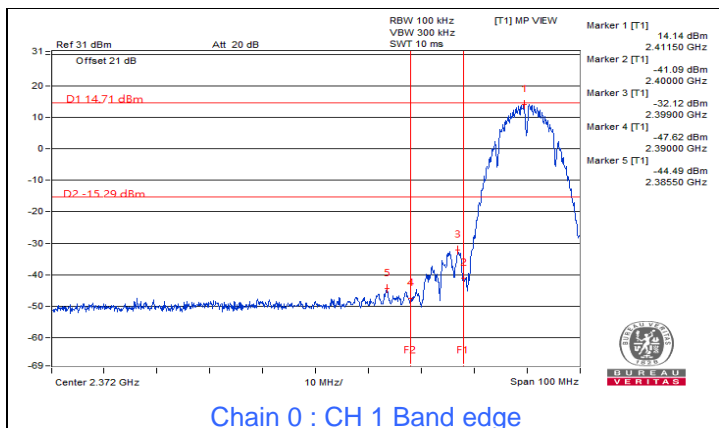


7.4 Conducted Out of Band Emissions

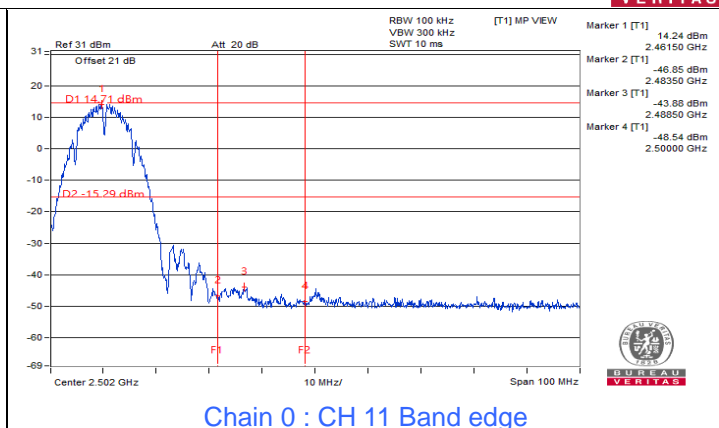
Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng
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802.11b

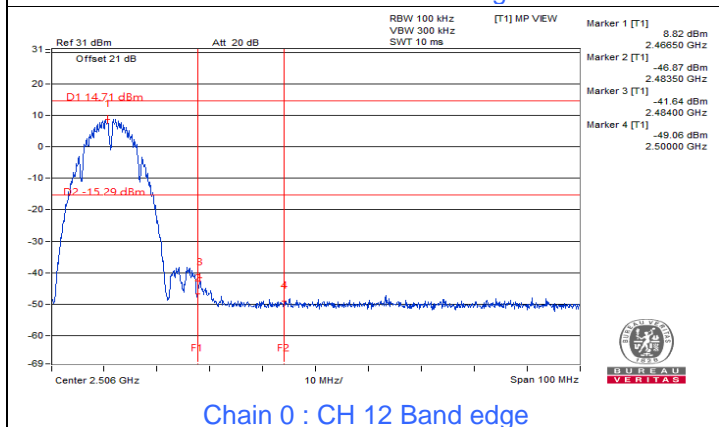




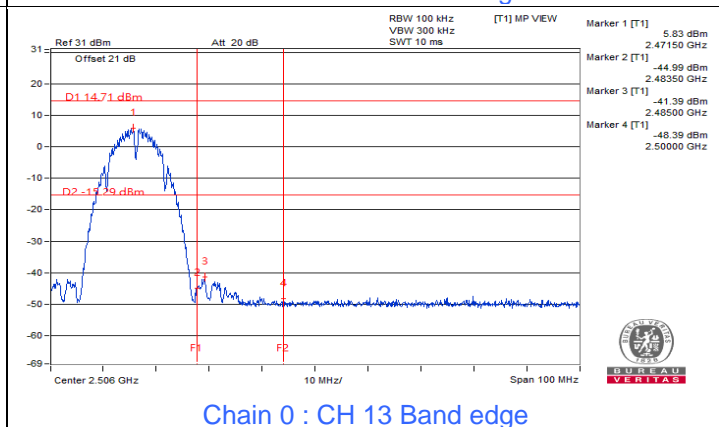
Chain 0 : CH 1 Band edge



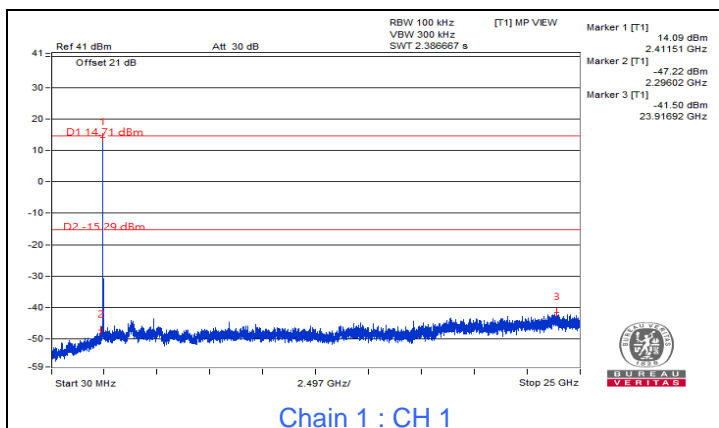
Chain 0 : CH 11 Band edge



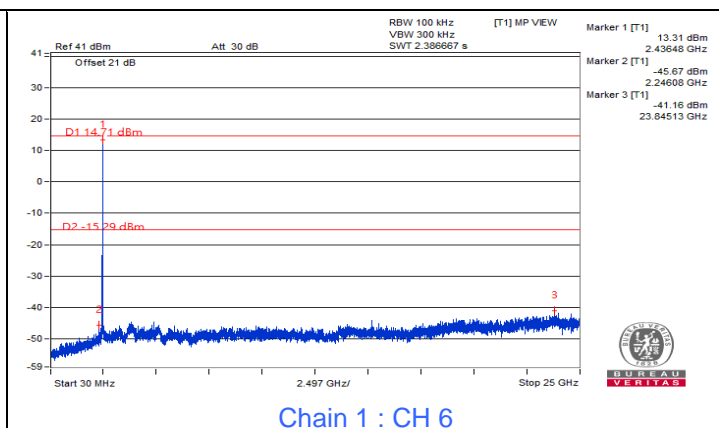
Chain 0 : CH 12 Band edge



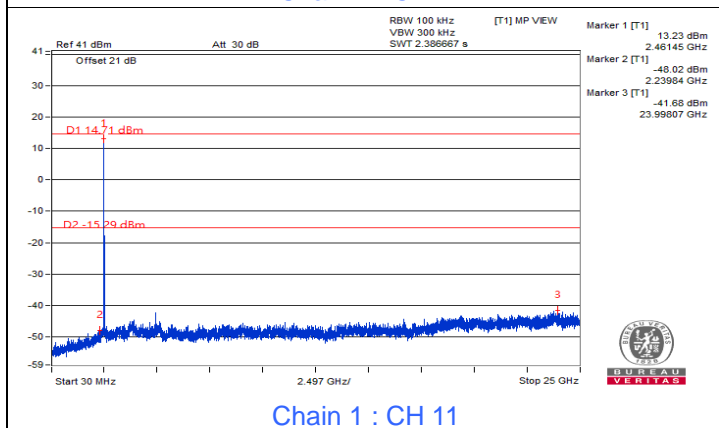
Chain 0 : CH 13 Band edge



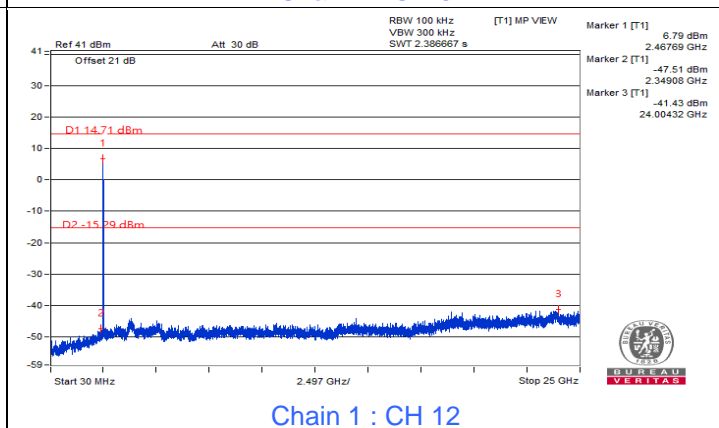
Chain 1 : CH 1



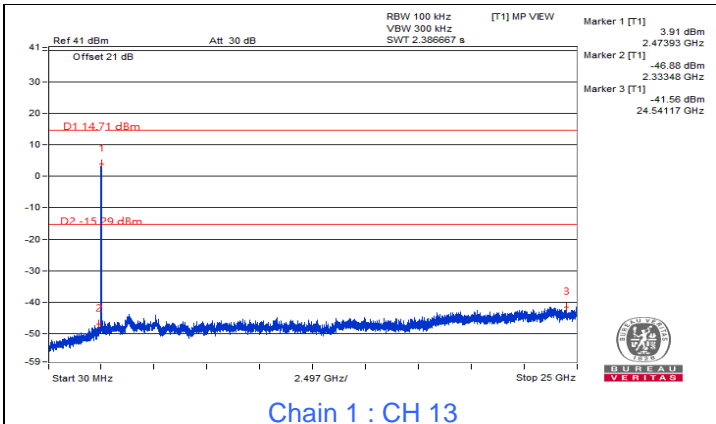
Chain 1 : CH 6



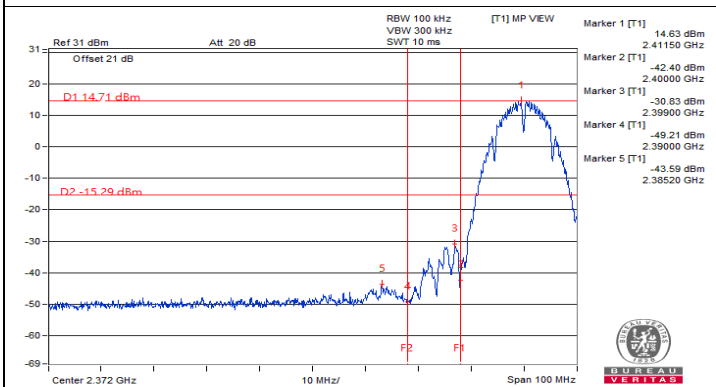
Chain 1 : CH 11



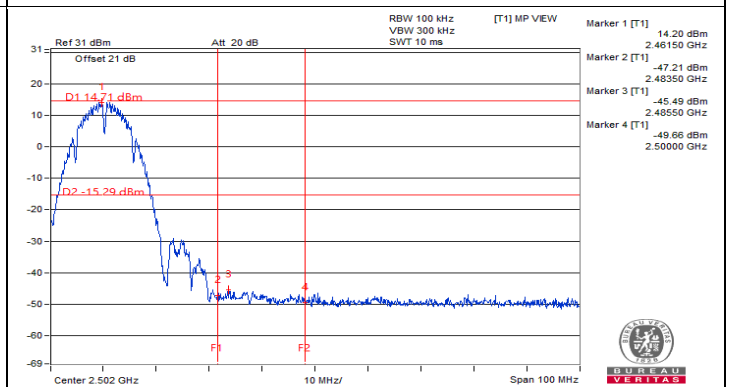
Chain 1 : CH 12



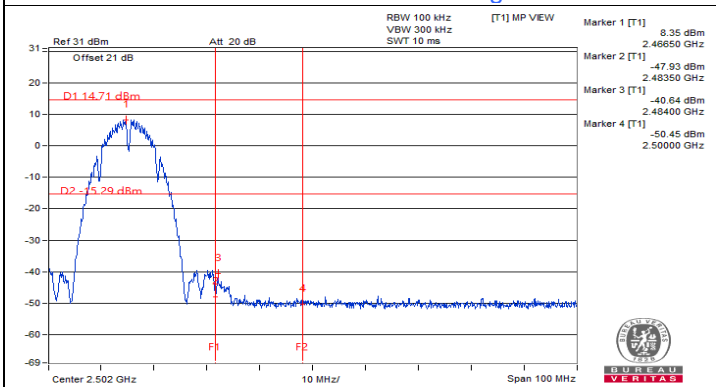
Chain 1 : CH 13



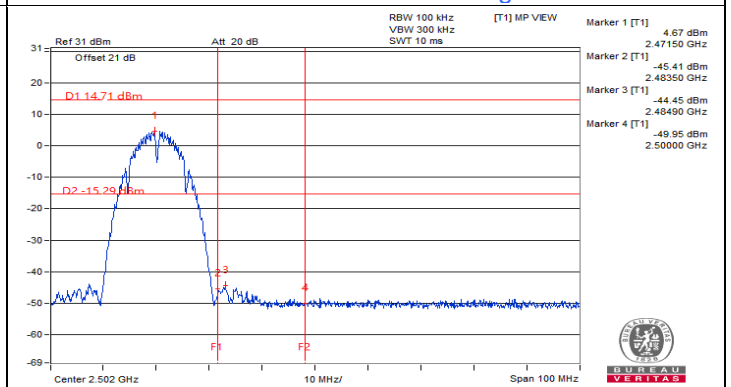
Chain 1 : CH 1 Band edge



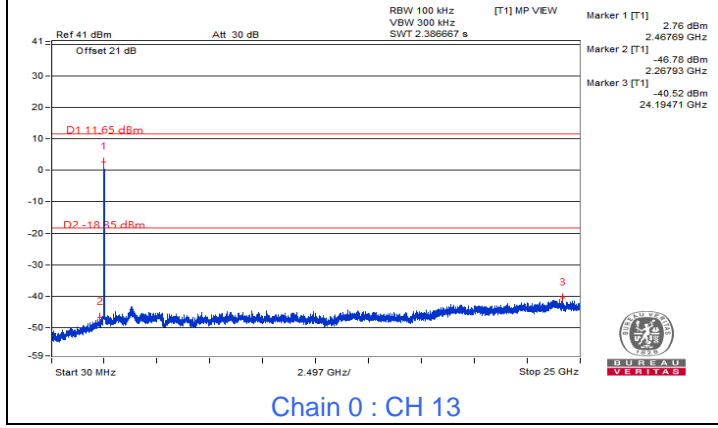
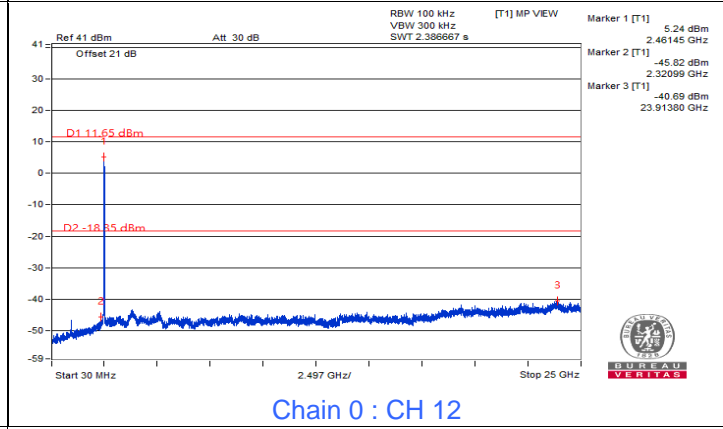
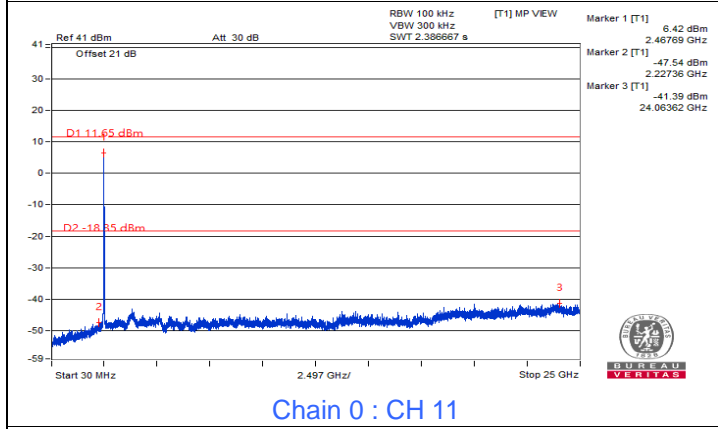
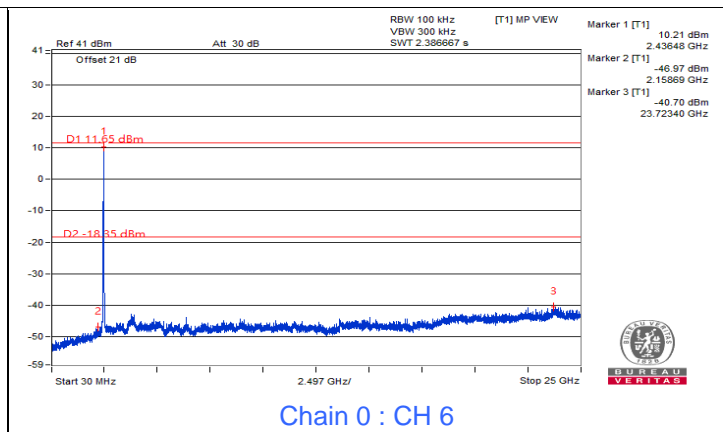
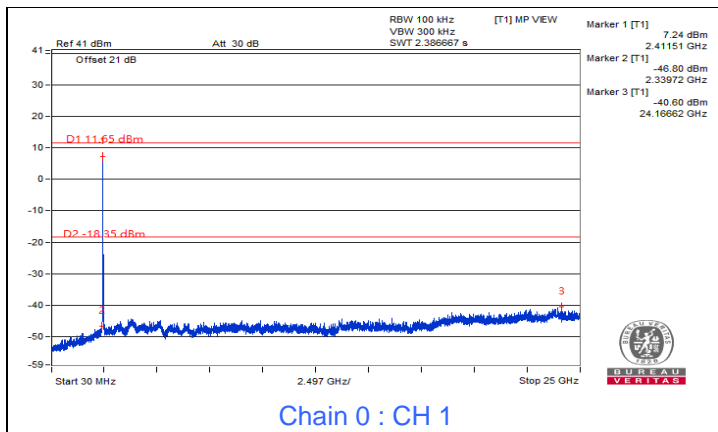
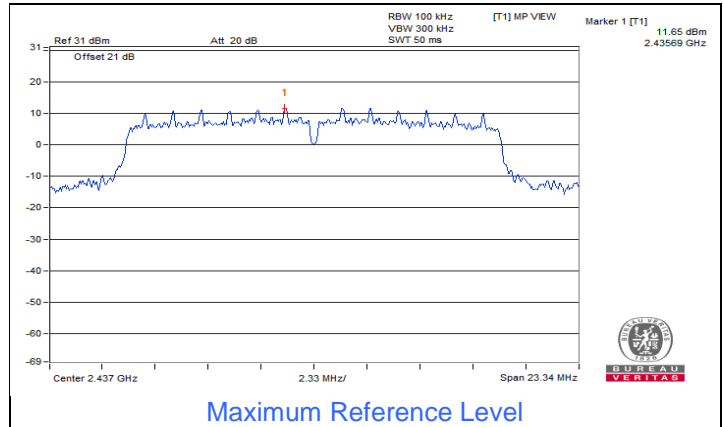
Chain 1 : CH 11 Band edge

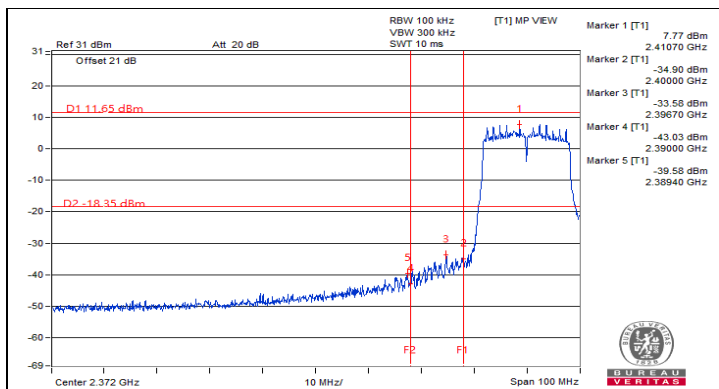


Chain 1 : CH 12 Band edge

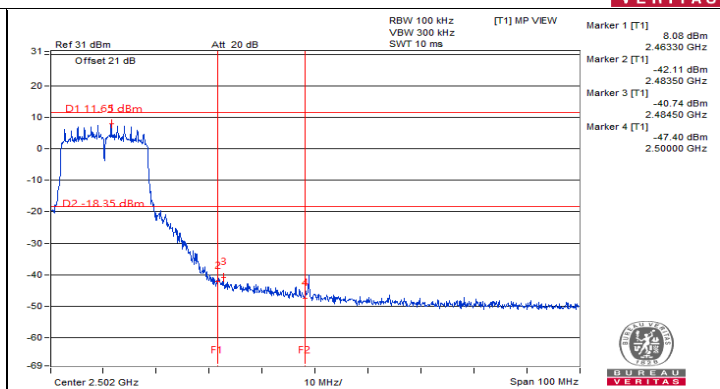


Chain 1 : CH 13 Band edge

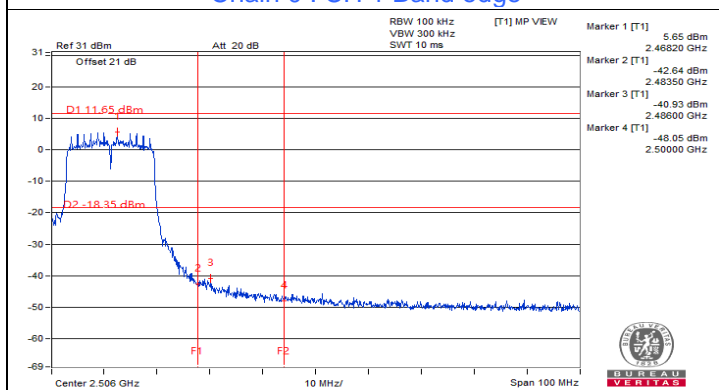




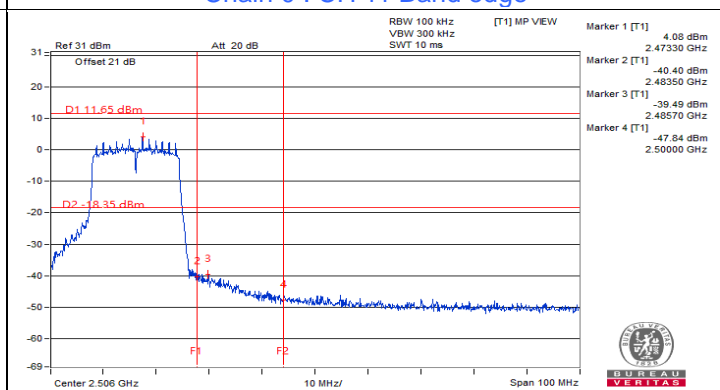
Chain 0 : CH 1 Band edge



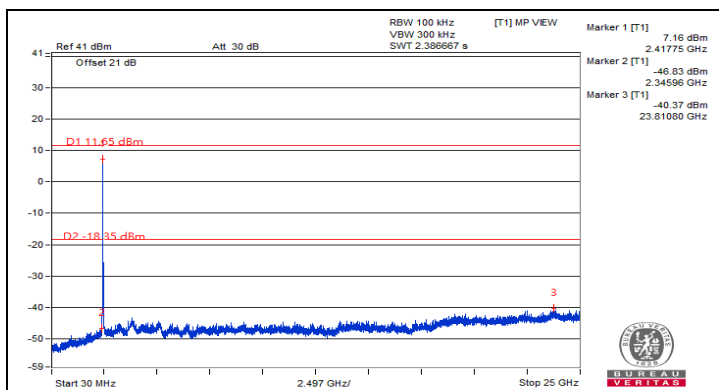
Chain 0 : CH 11 Band edge



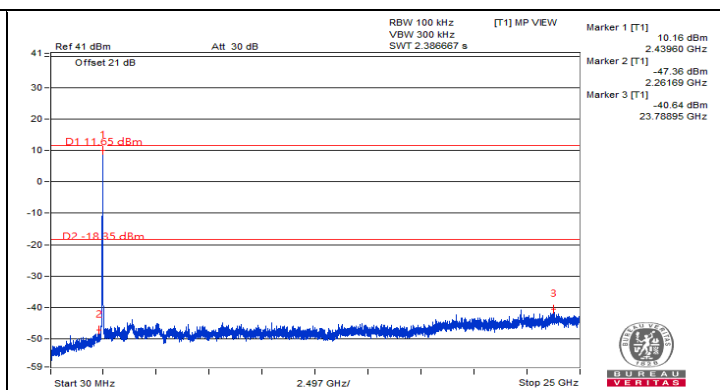
Chain 0 : CH 12 Band edge



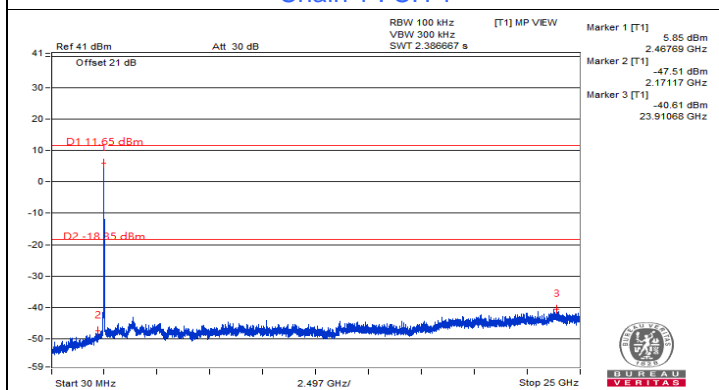
Chain 0 : CH 13 Band edge



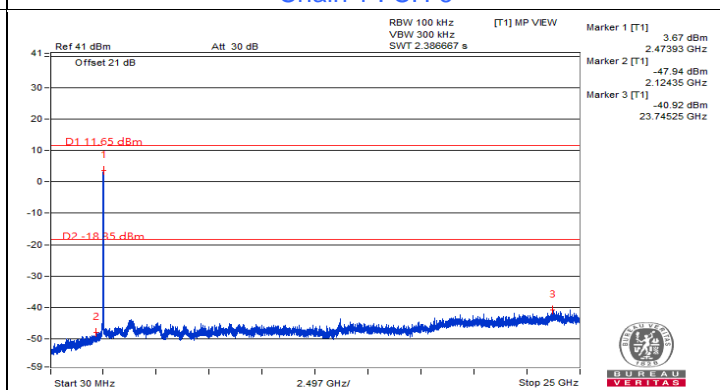
Chain 1 : CH 1



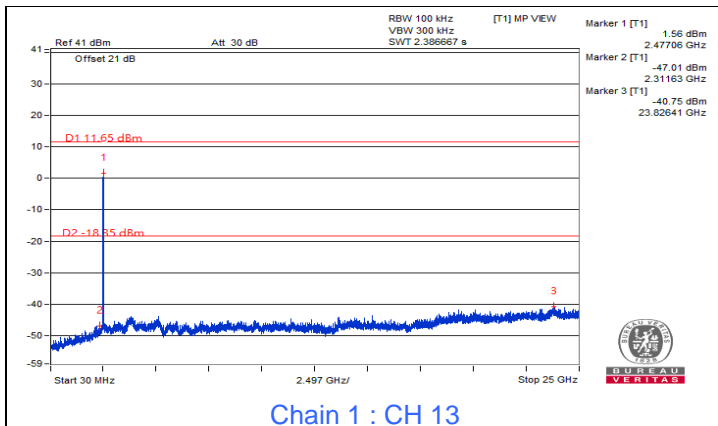
Chain 1 : CH 6



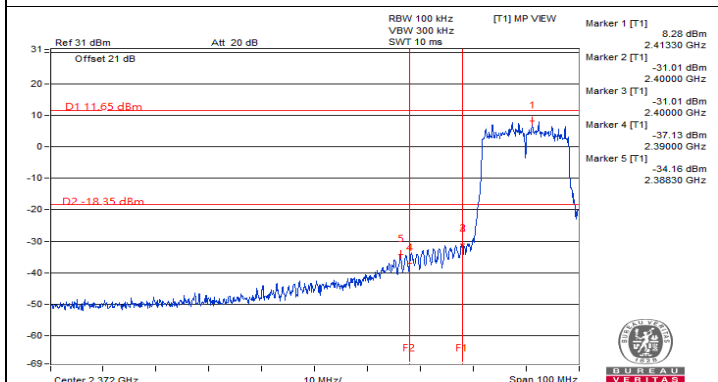
Chain 1 : CH 11



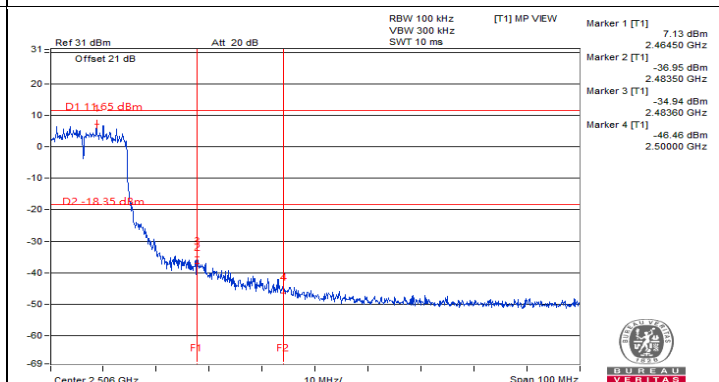
Chain 1 : CH 12



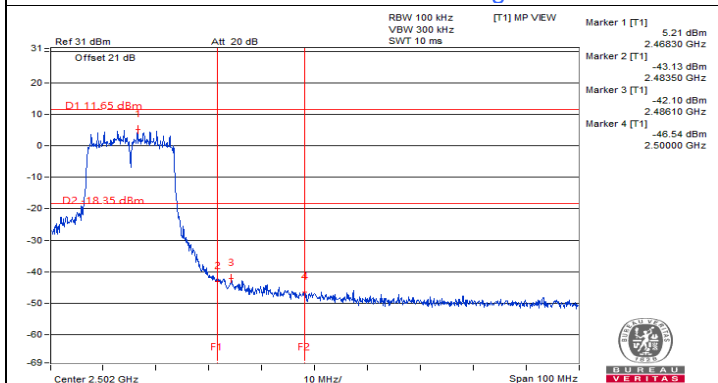
Chain 1 : CH 13



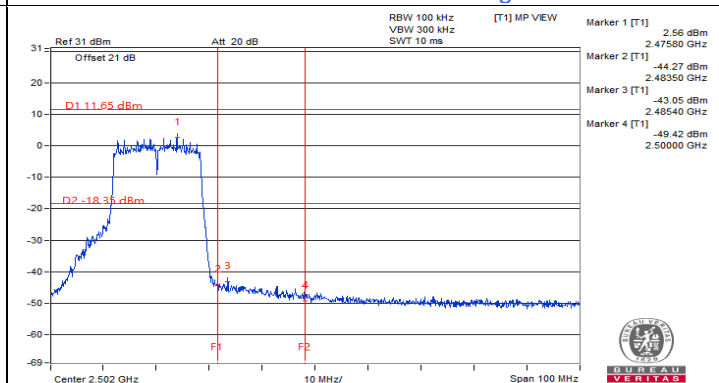
Chain 1 : CH 1 Band edge



Chain 1 : CH 11 Band edge



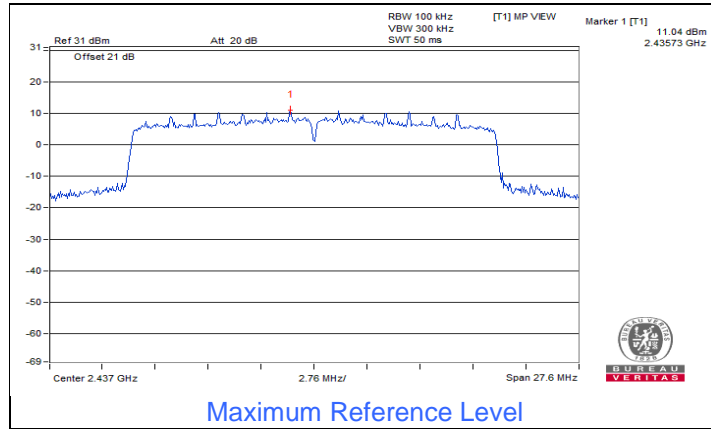
Chain 1 : CH 12 Band edge



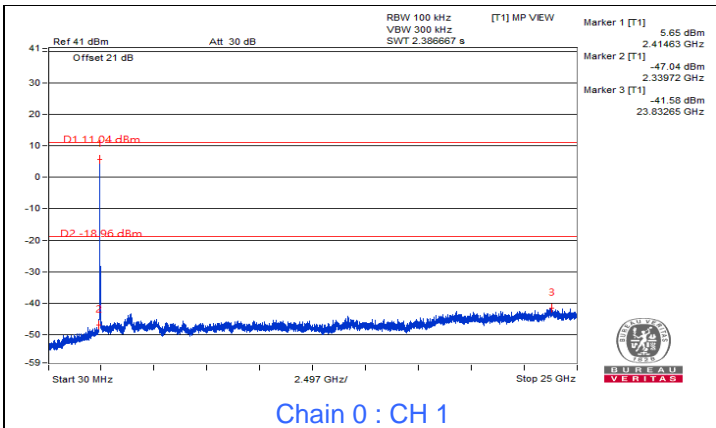
Chain 1 : CH 13 Band edge



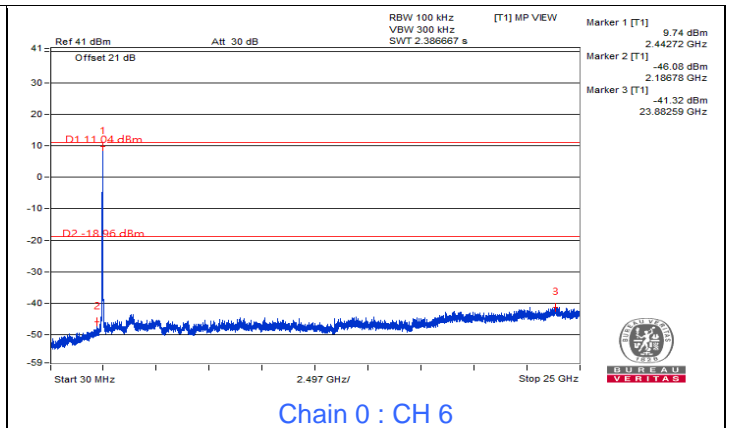
802.11ax (HE20)



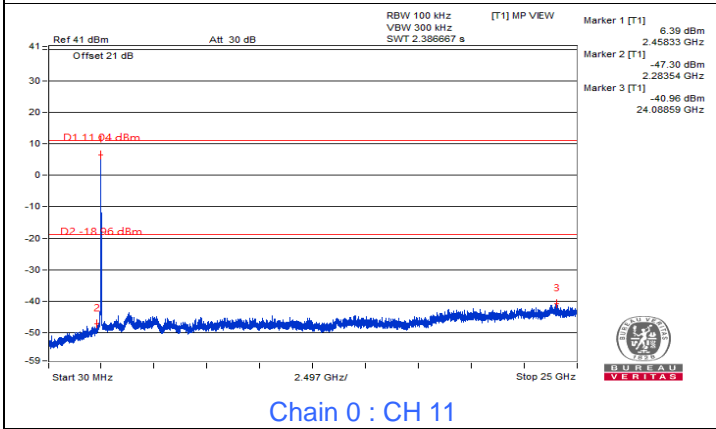
Maximum Reference Level



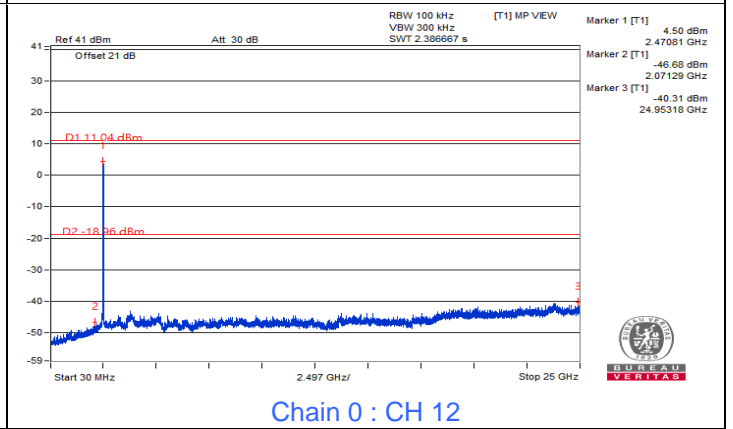
Chain 0 : CH 1



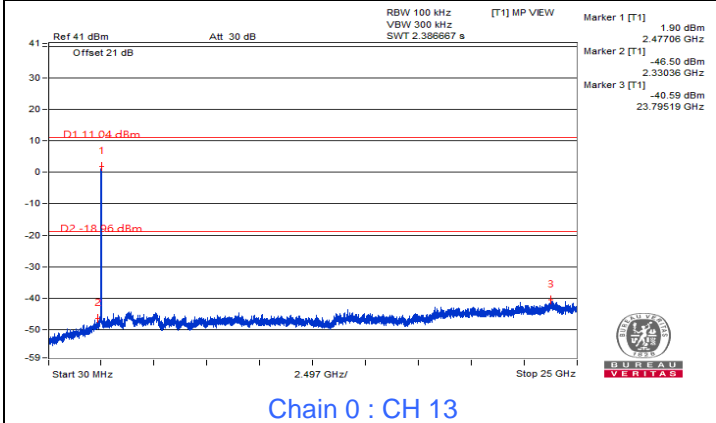
Chain 0 : CH 6



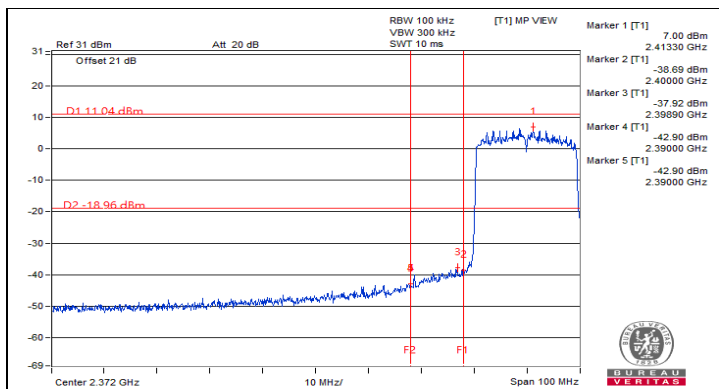
Chain 0 : CH 11



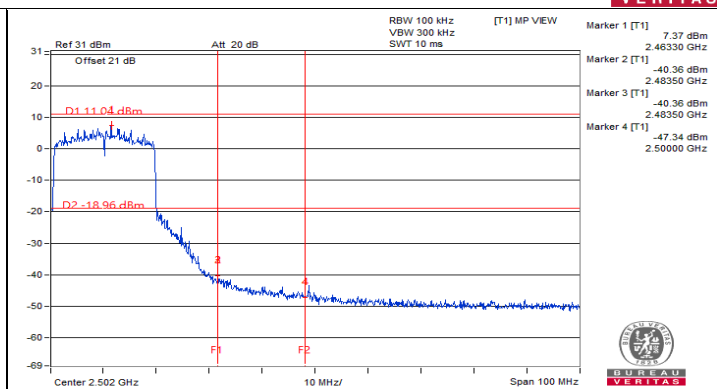
Chain 0 : CH 12



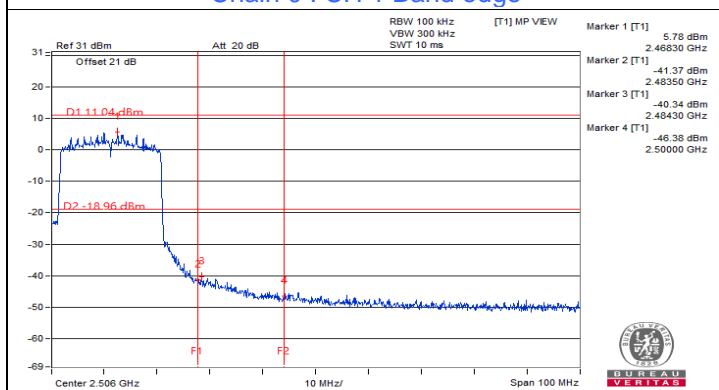
Chain 0 : CH 13



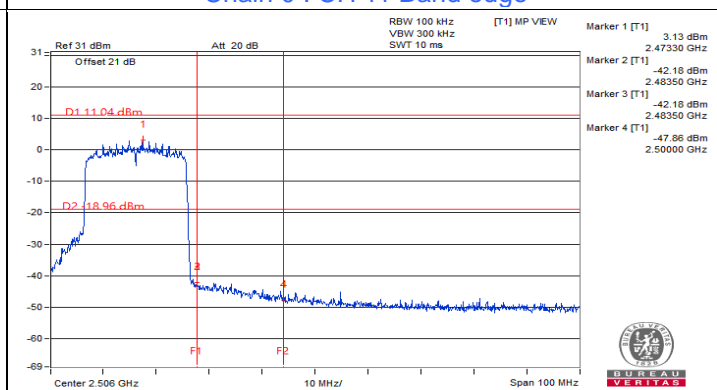
Chain 0 : CH 1 Band edge



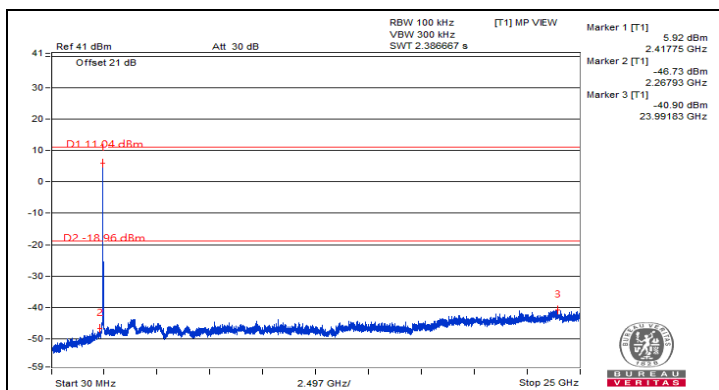
Chain 0 : CH 11 Band edge



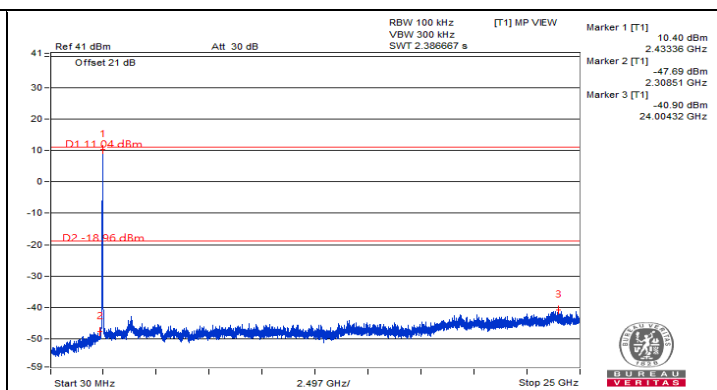
Chain 0 : CH 12 Band edge



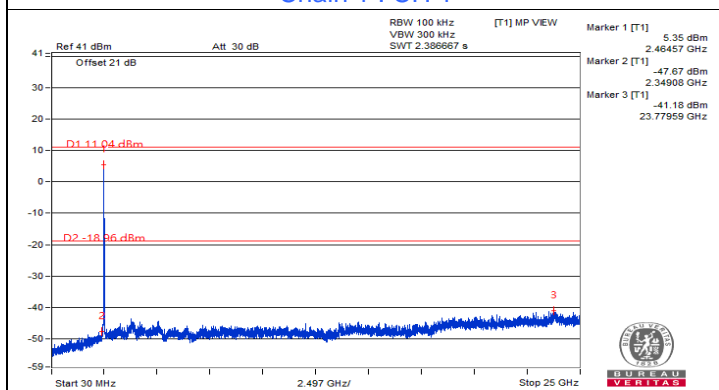
Chain 0 : CH 13 Band edge



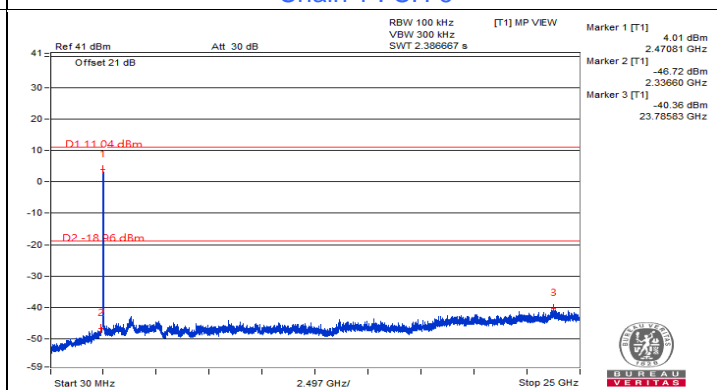
Chain 1 : CH 1



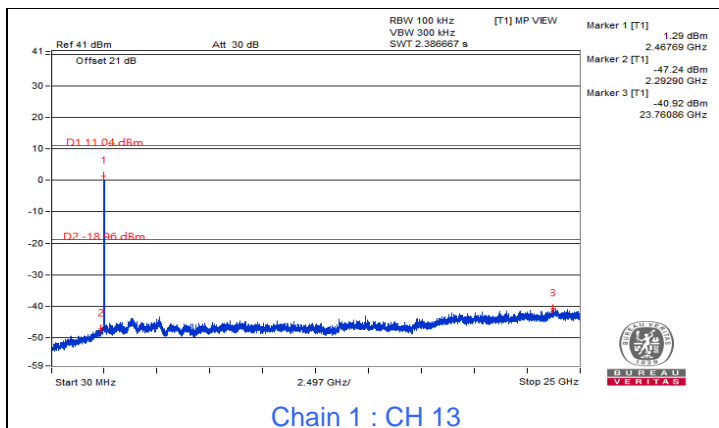
Chain 1 : CH 6



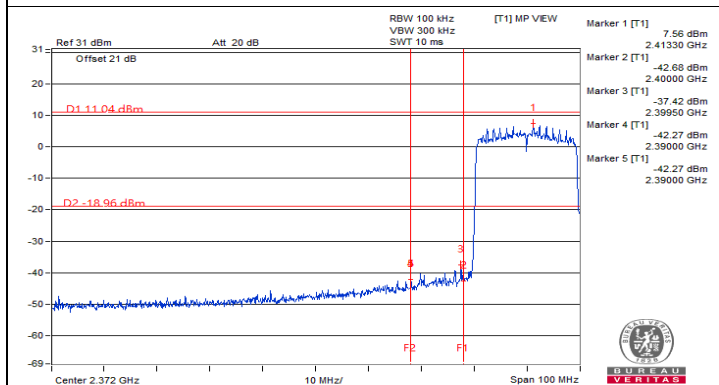
Chain 1 : CH 11



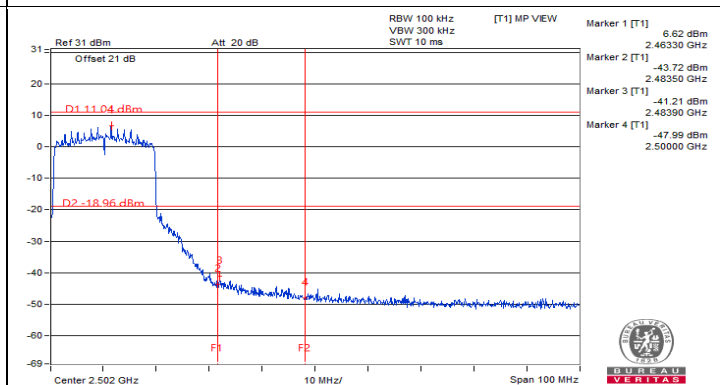
Chain 1 : CH 12



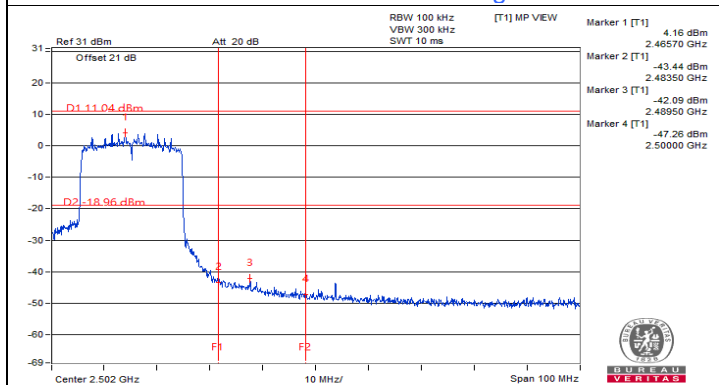
Chain 1 : CH 13



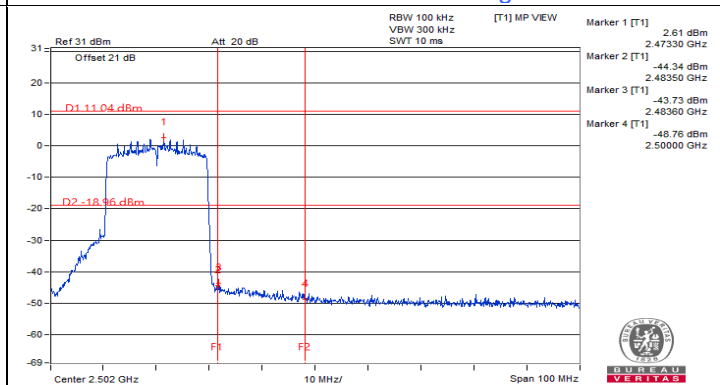
Chain 1 : CH 1 Band edge



Chain 1 : CH 11 Band edge

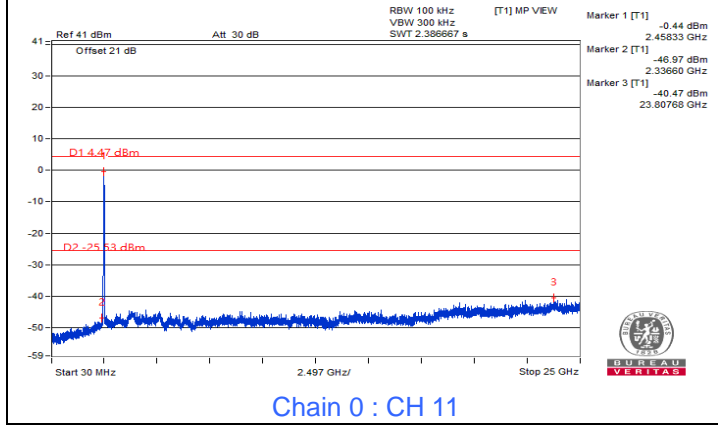
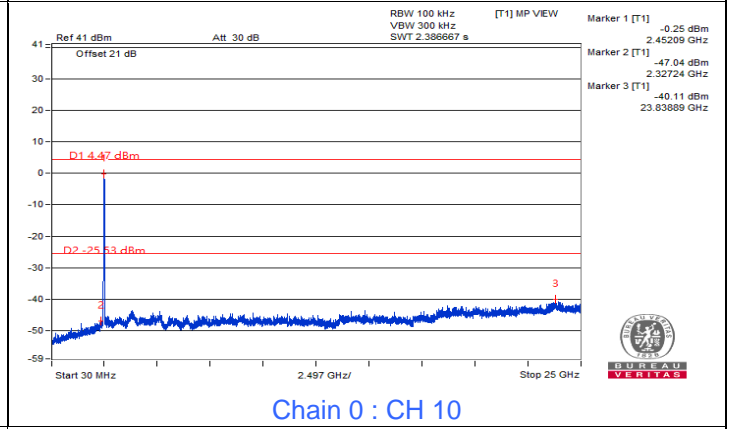
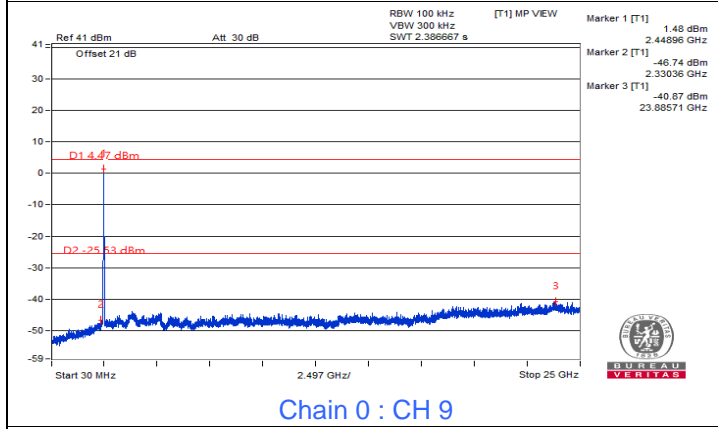
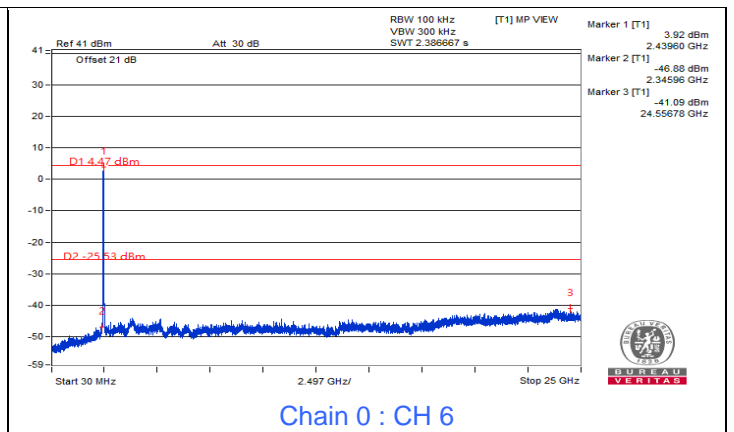
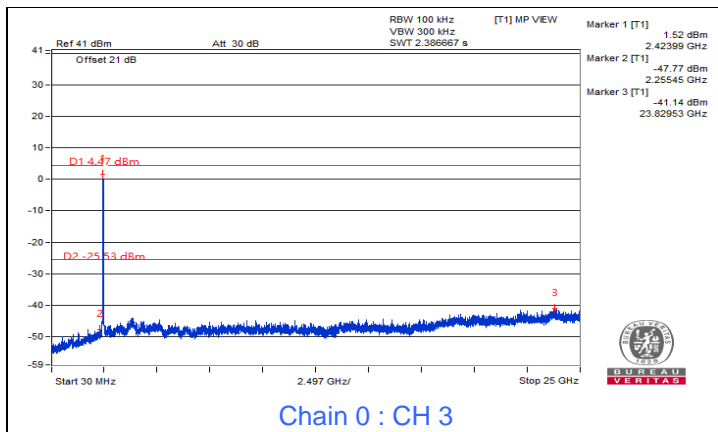
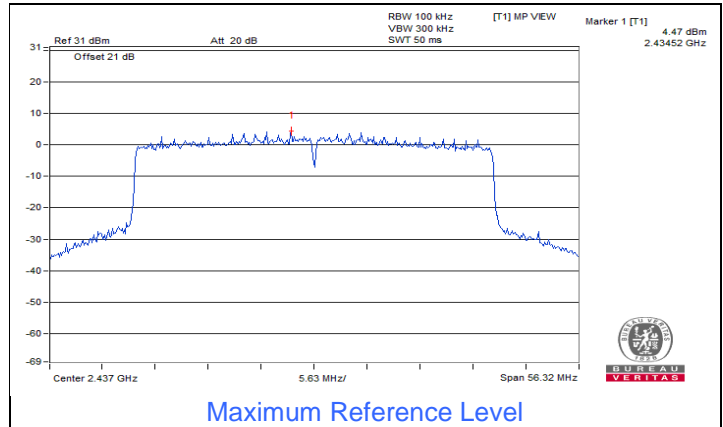


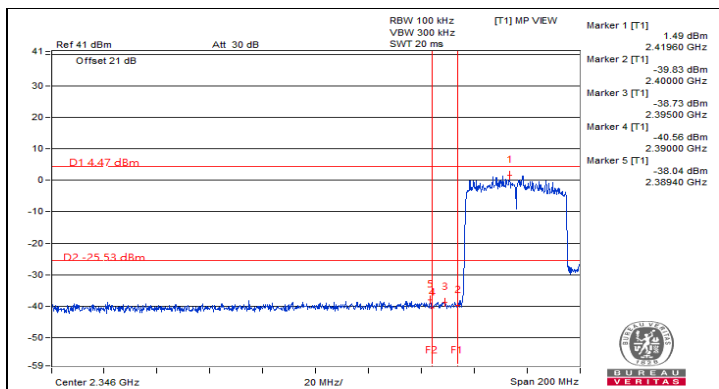
Chain 1 : CH 12 Band edge



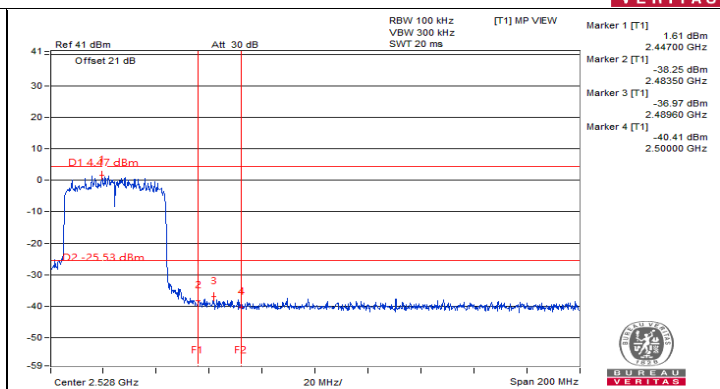
Chain 1 : CH 13 Band edge

802.11ax (HE40)

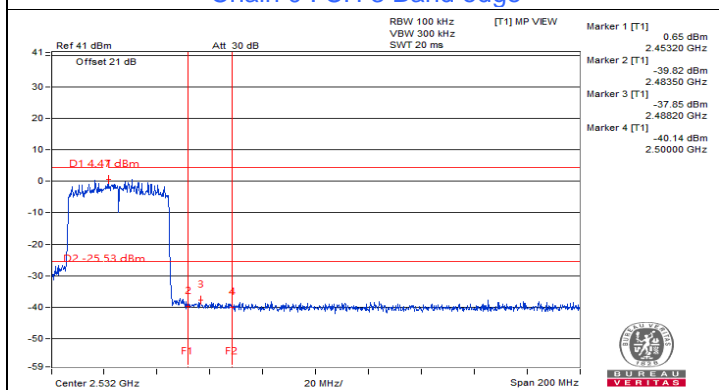




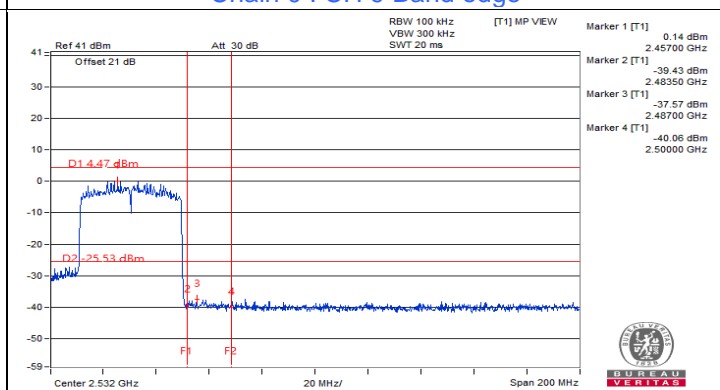
Chain 0 : CH 3 Band edge



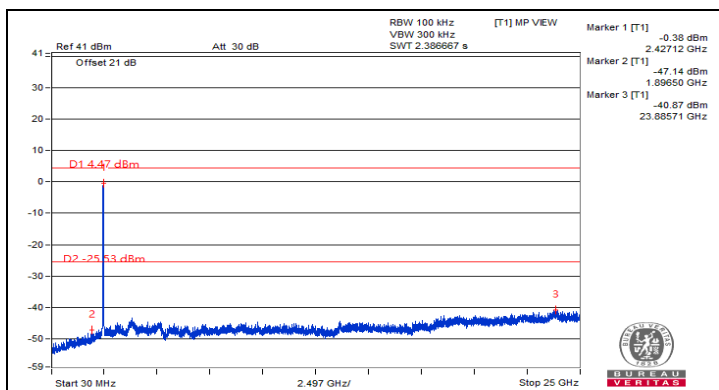
Chain 0 : CH 9 Band edge



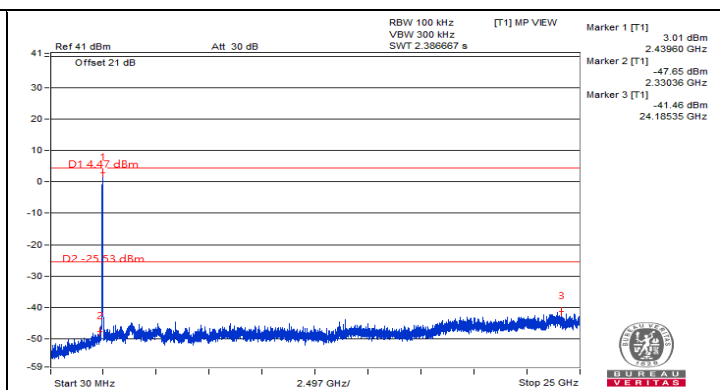
Chain 0 : CH 10 Band edge



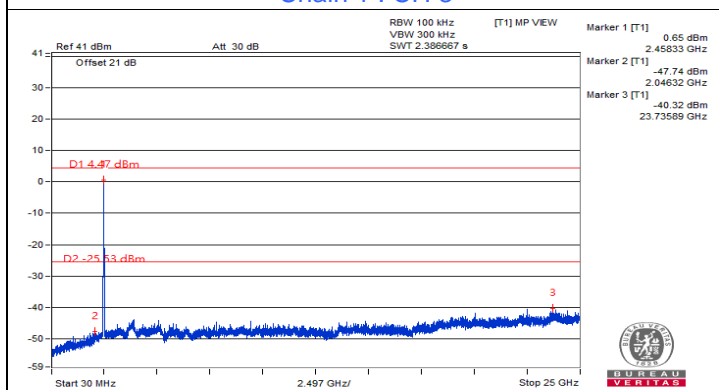
Chain 0 : CH 11 Band edge



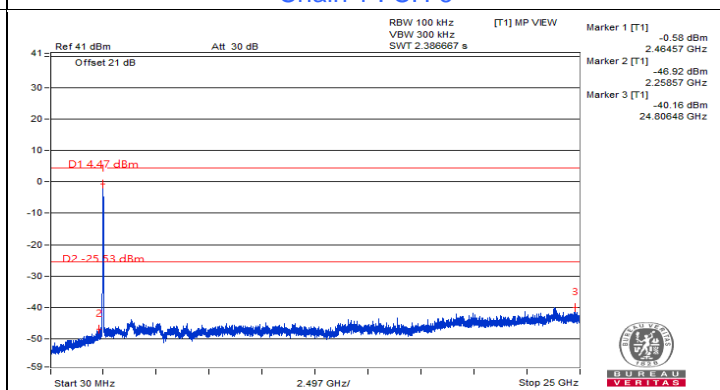
Chain 1 : CH 3



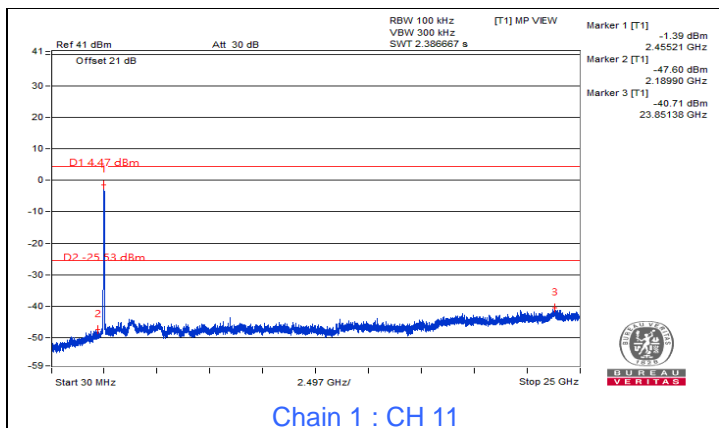
Chain 1 : CH 6



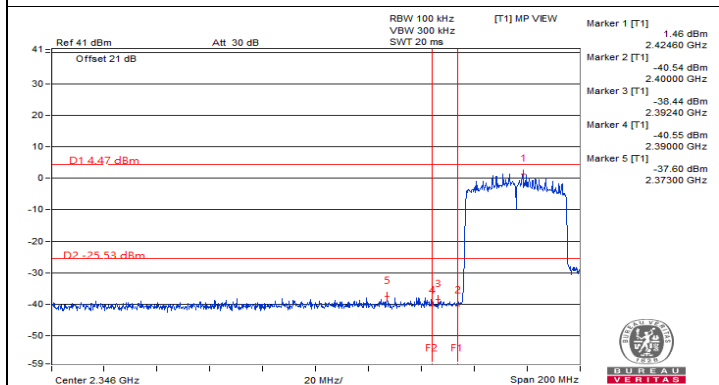
Chain 1 : CH 9



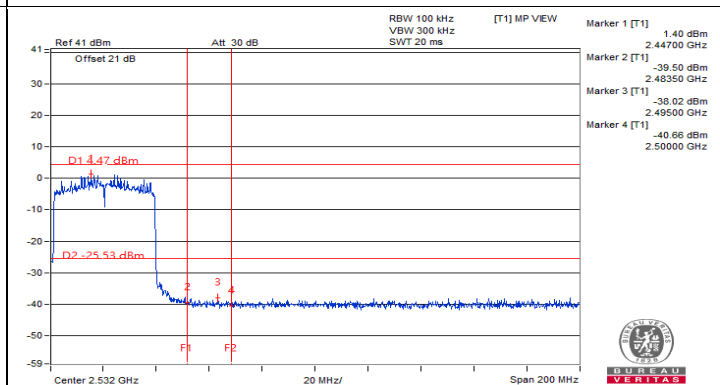
Chain 1 : CH 10



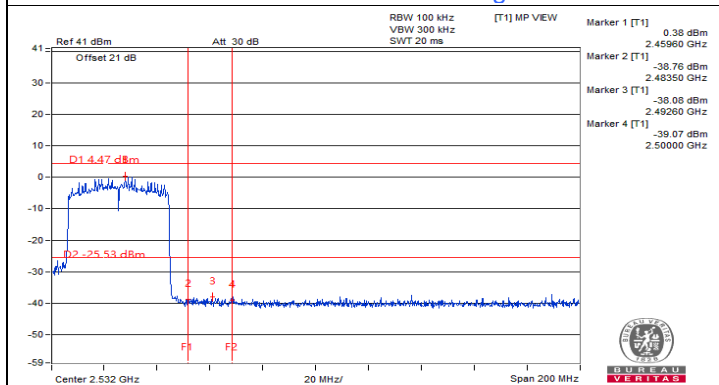
Chain 1 : CH 11



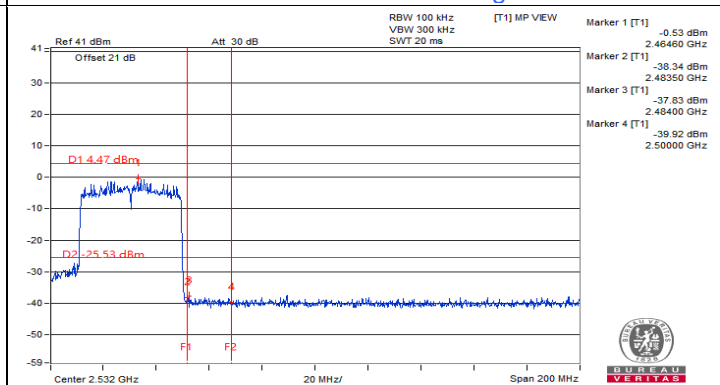
Chain 1 : CH 3 Band edge



Chain 1 : CH 9 Band edge

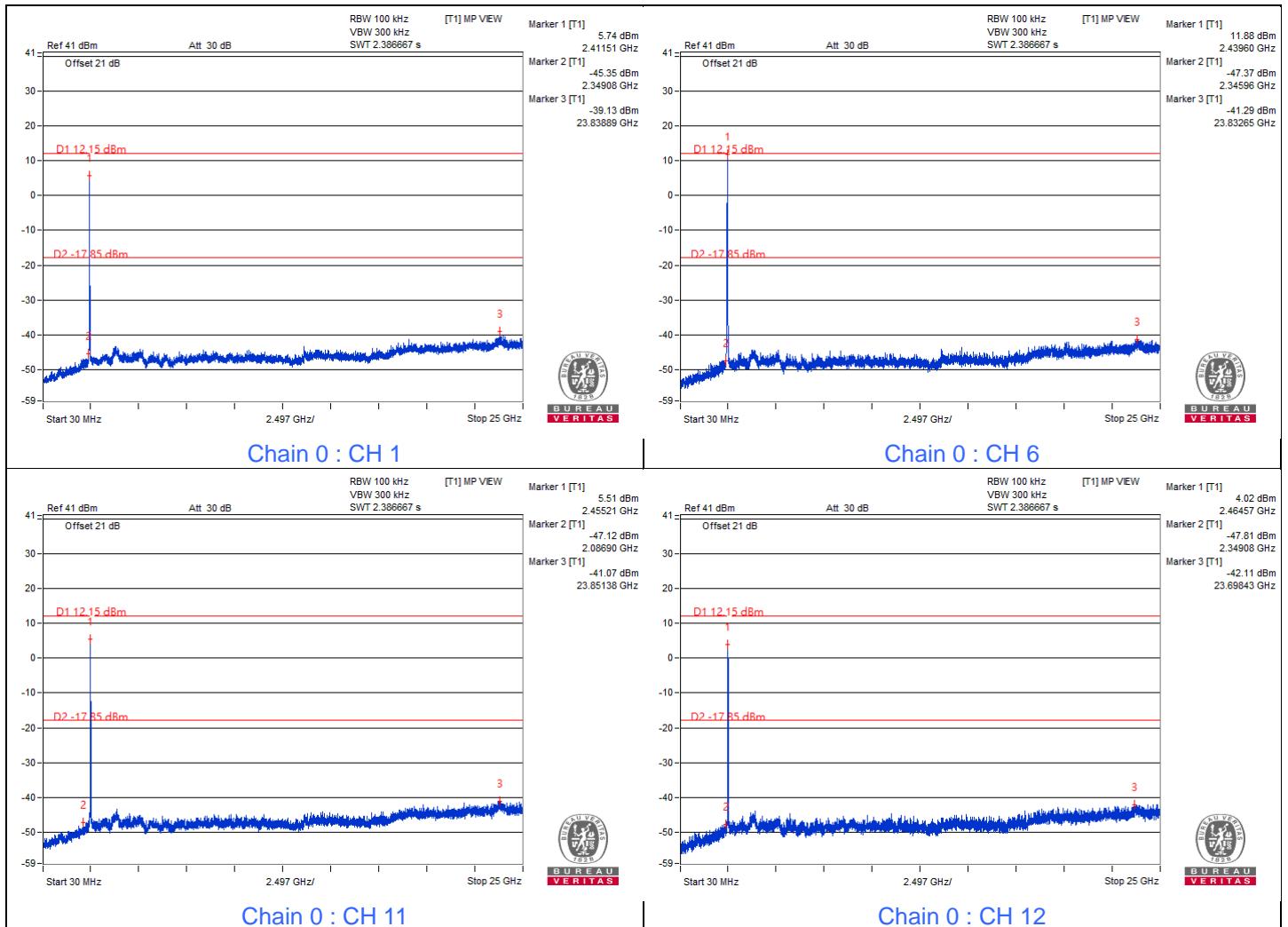
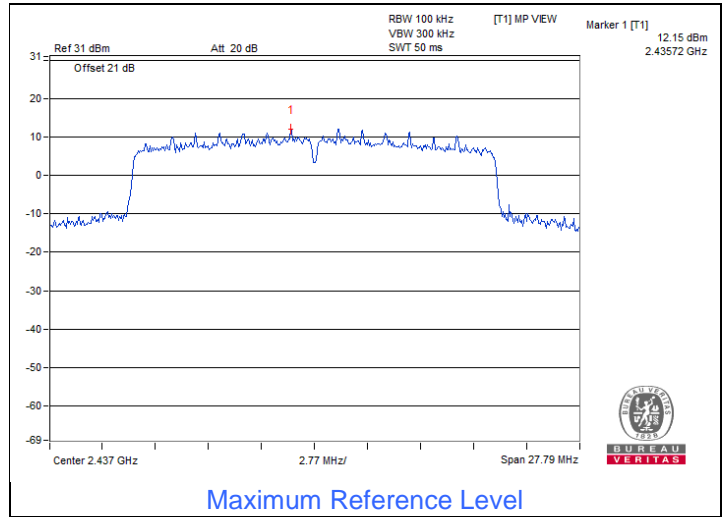


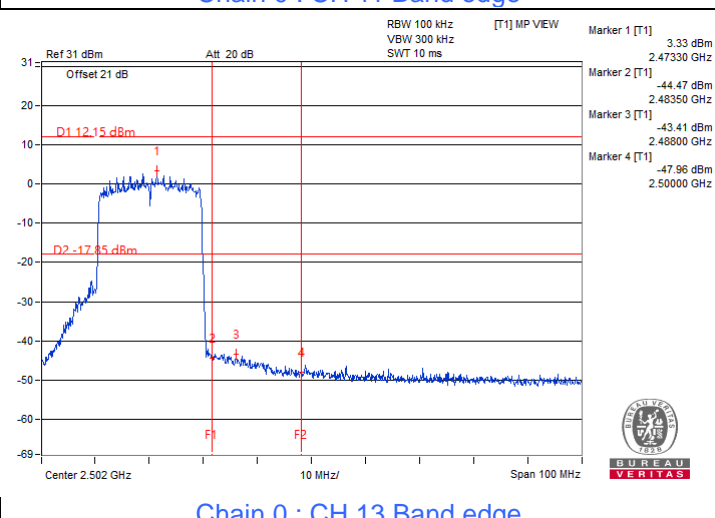
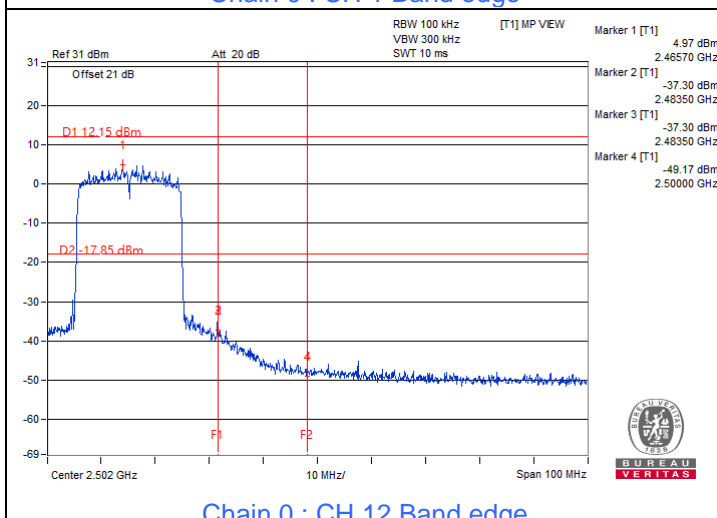
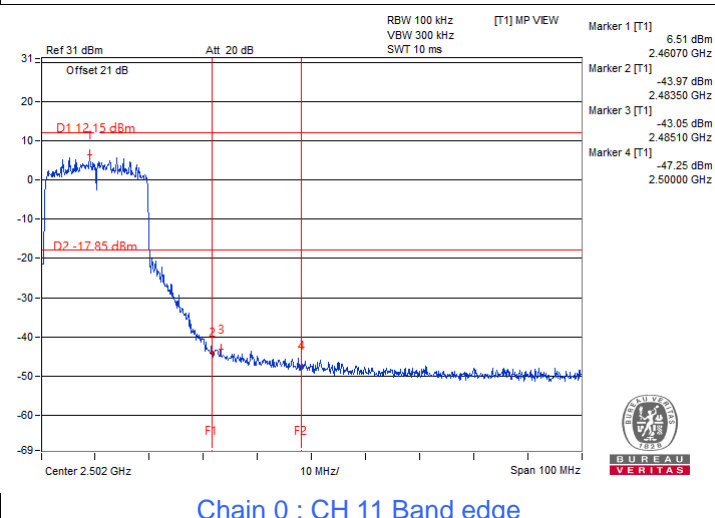
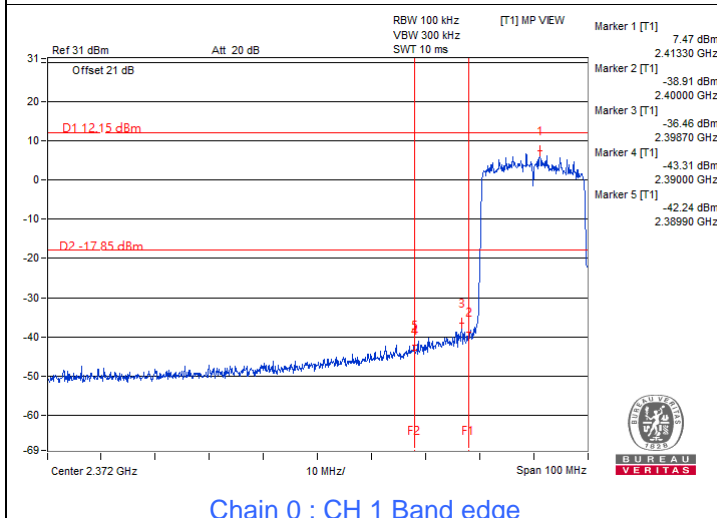
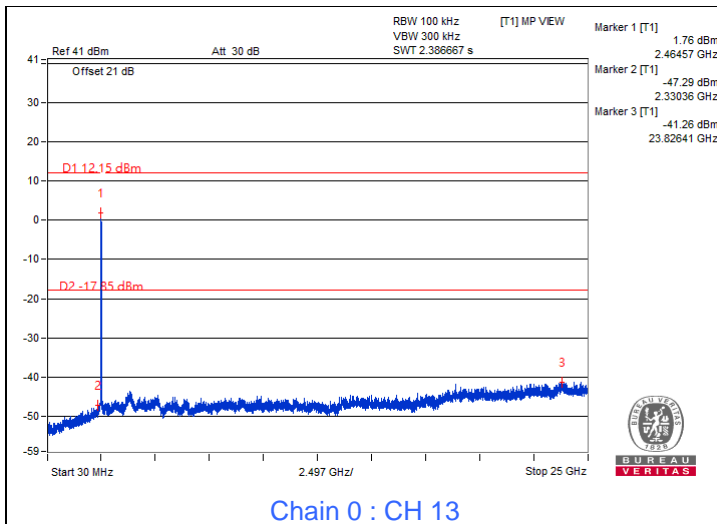
Chain 1 : CH 10 Band edge

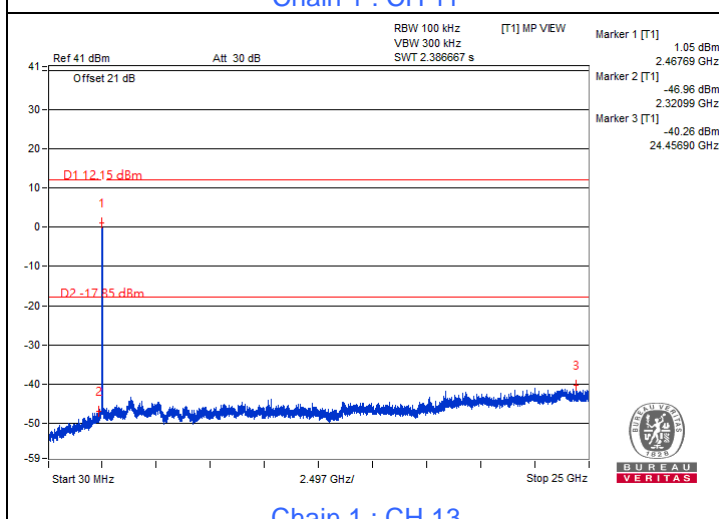
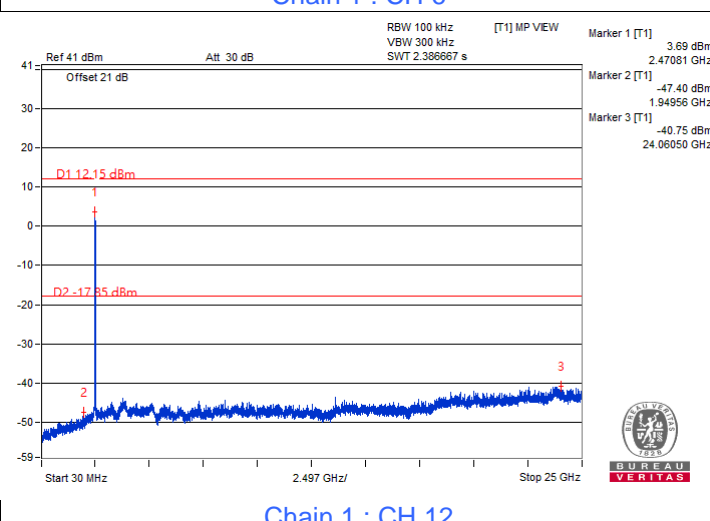
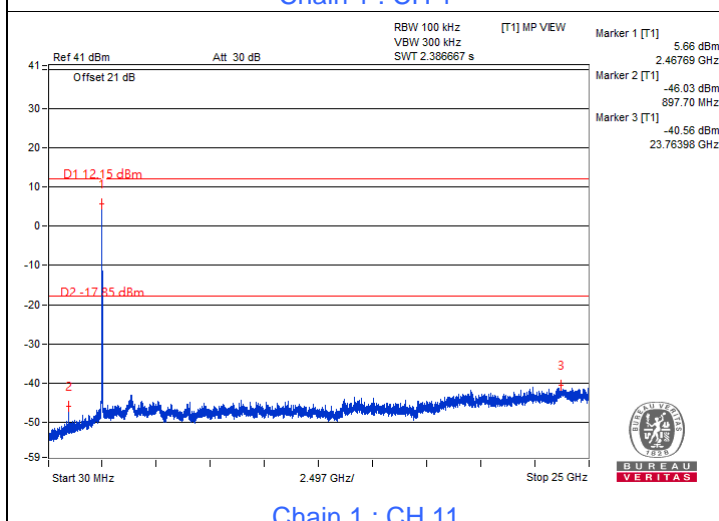
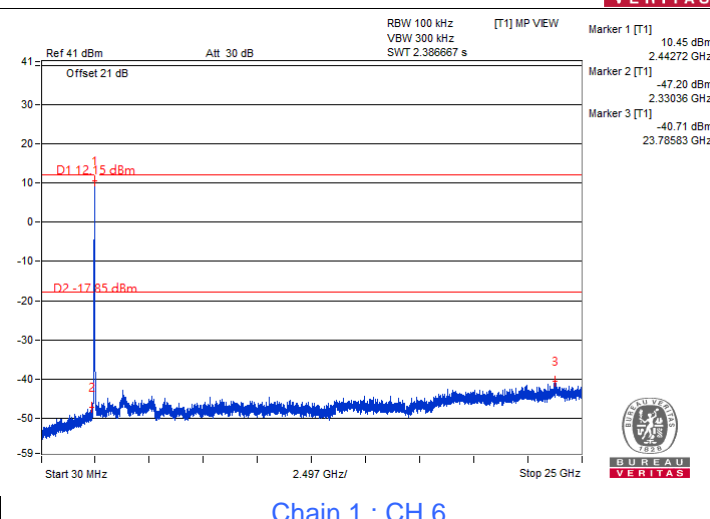
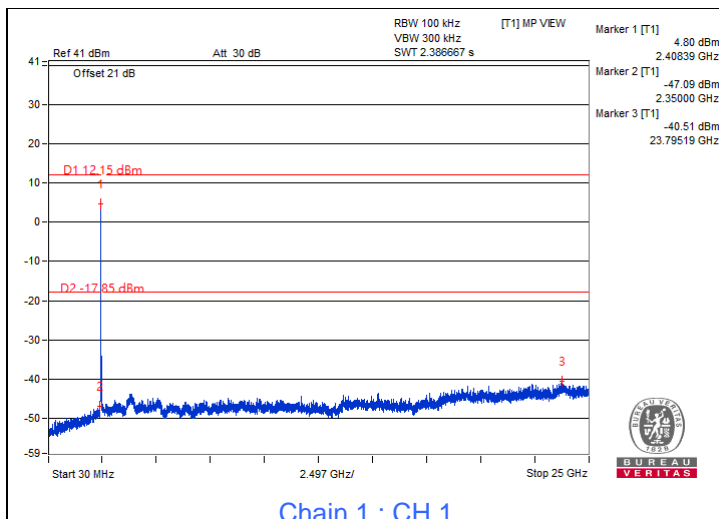


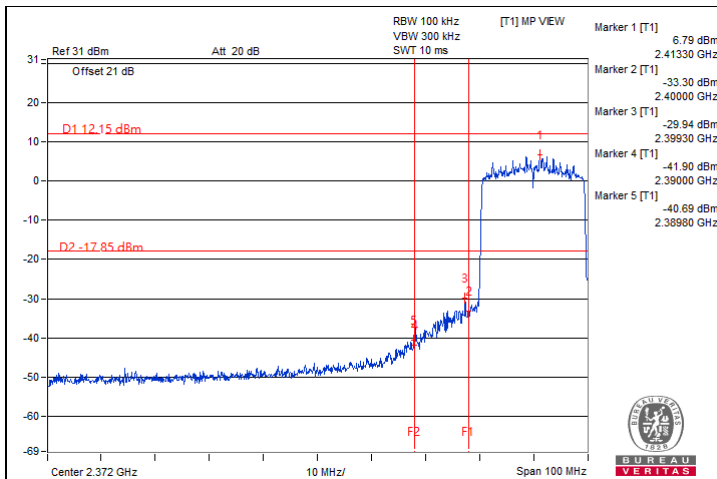
Chain 1 : CH 11 Band edge

802.11be (EHT20)

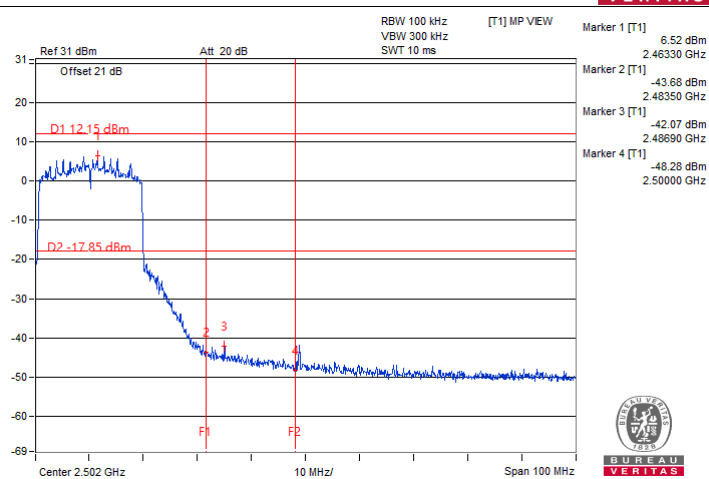




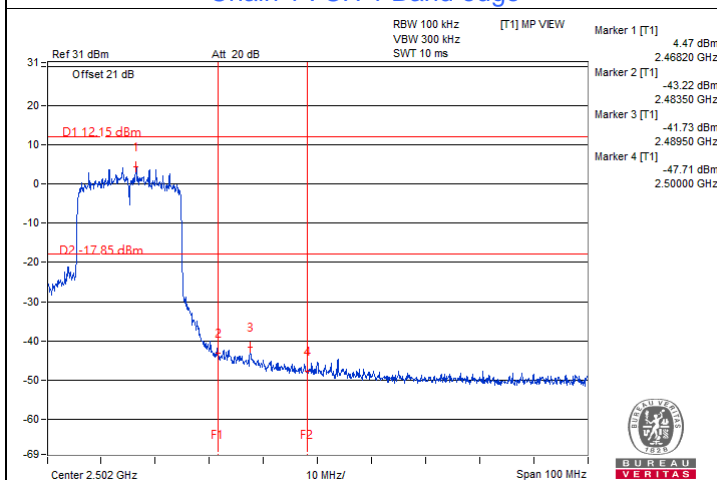




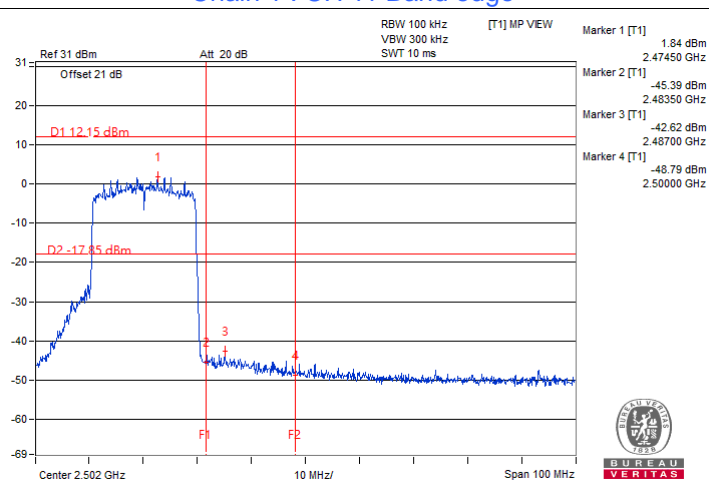
Chain 1 : CH 1 Band edge



Chain 1 : CH 11 Band edge

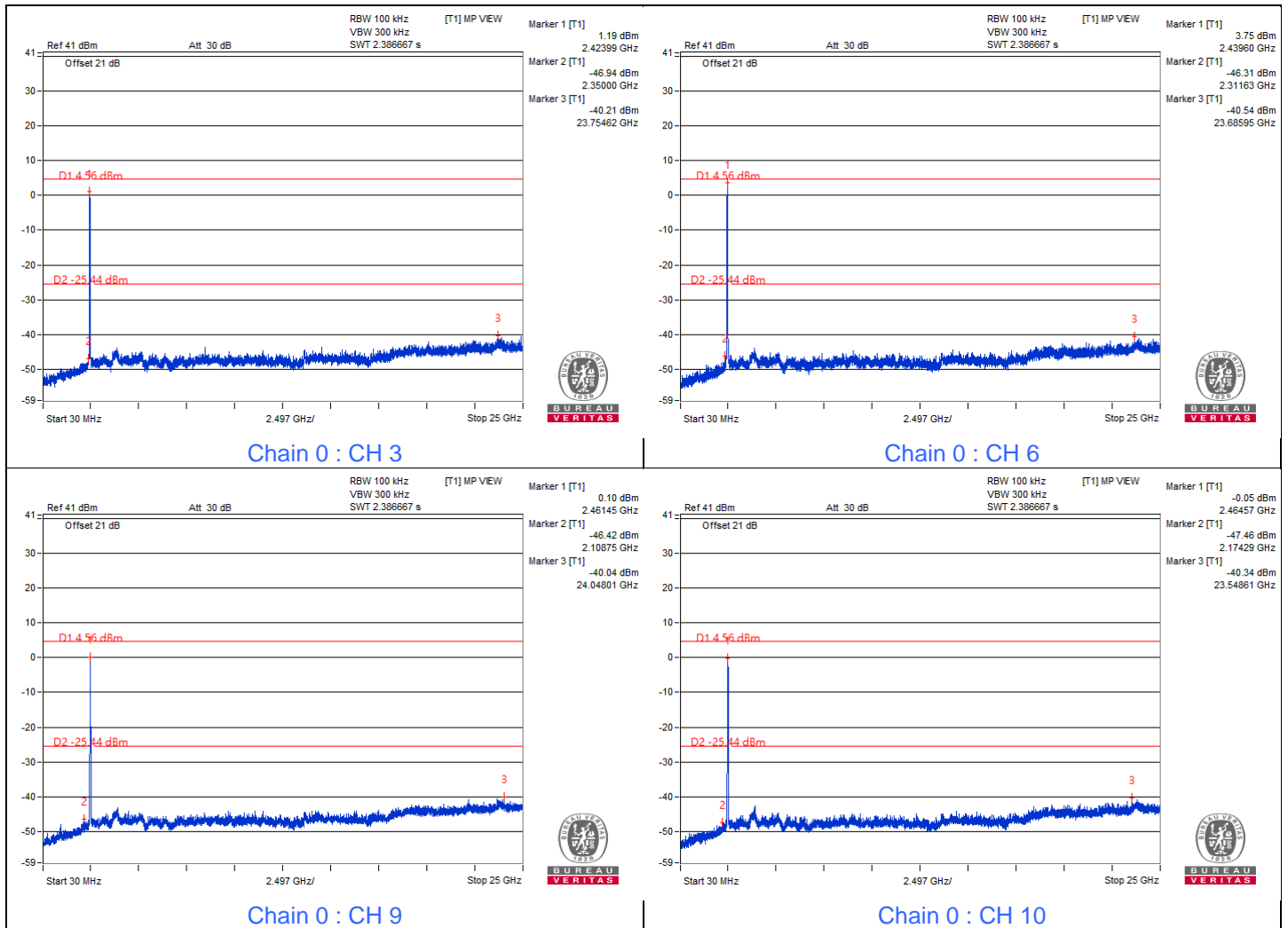
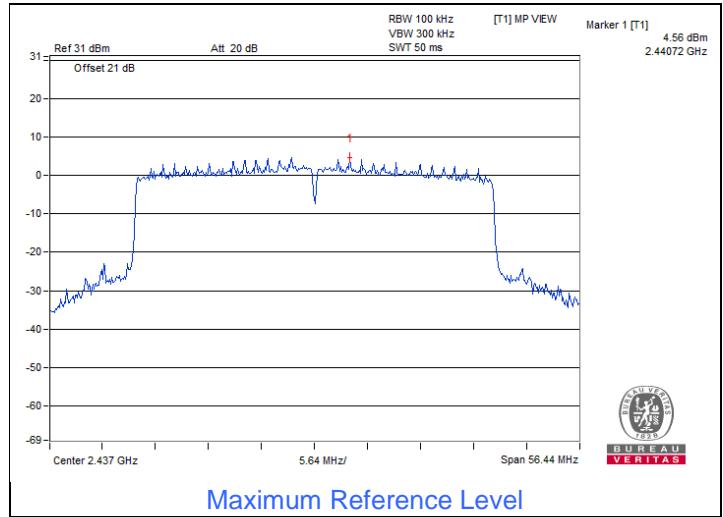


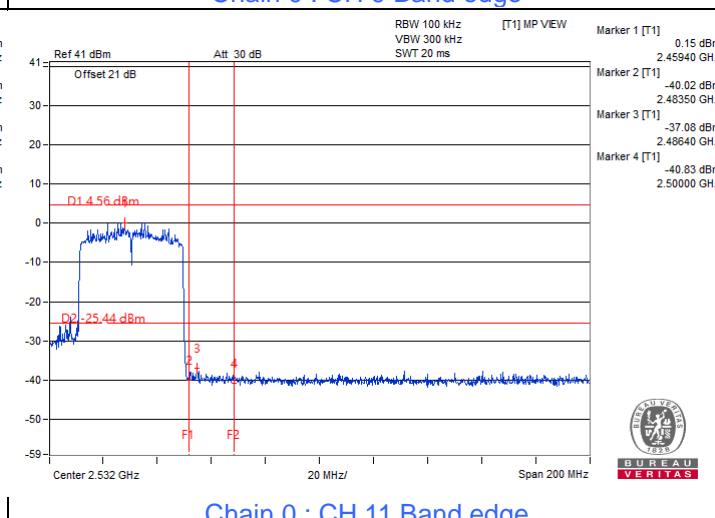
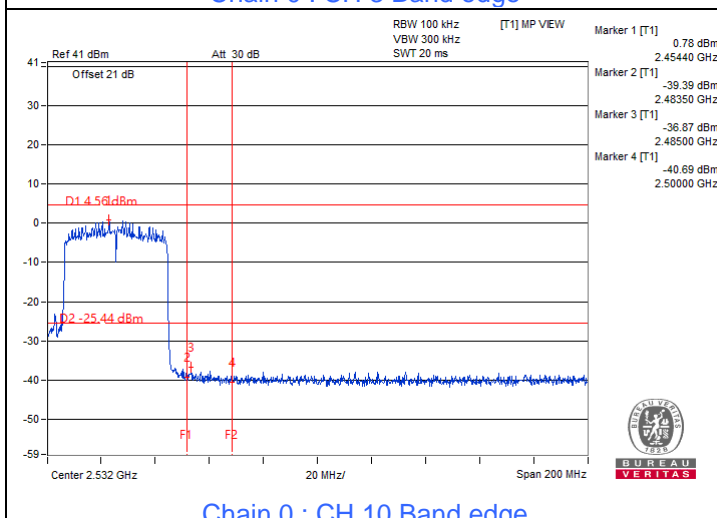
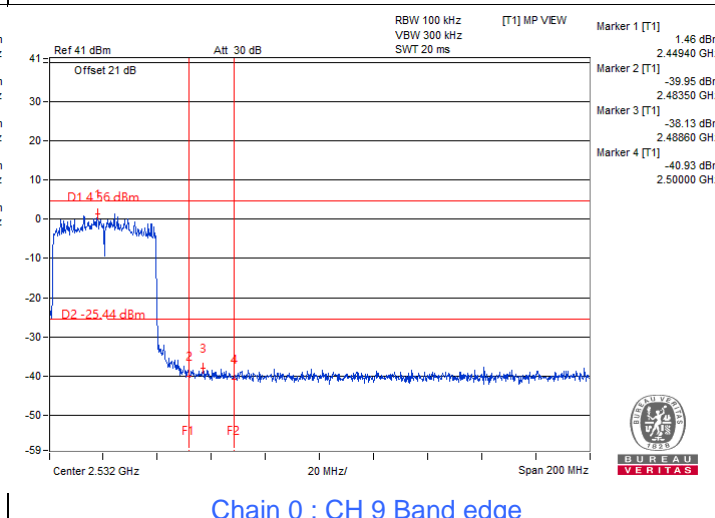
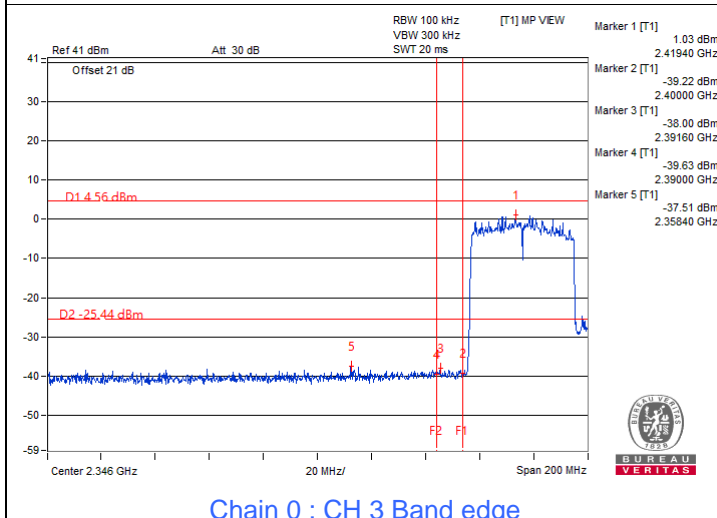
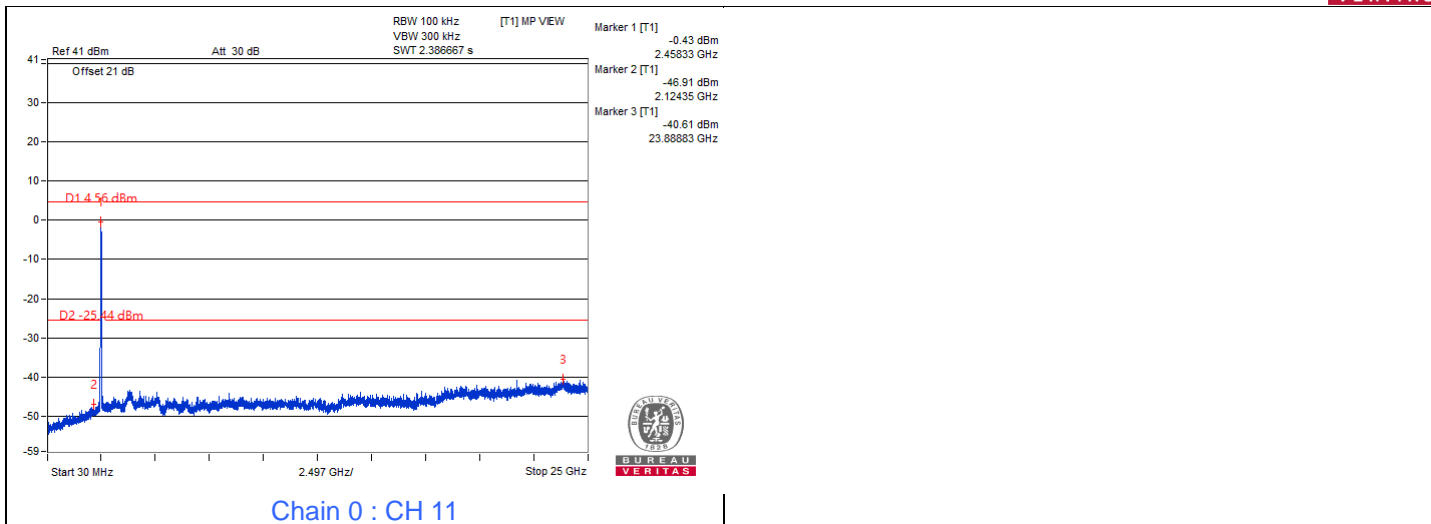
Chain 1 : CH 12 Band edge

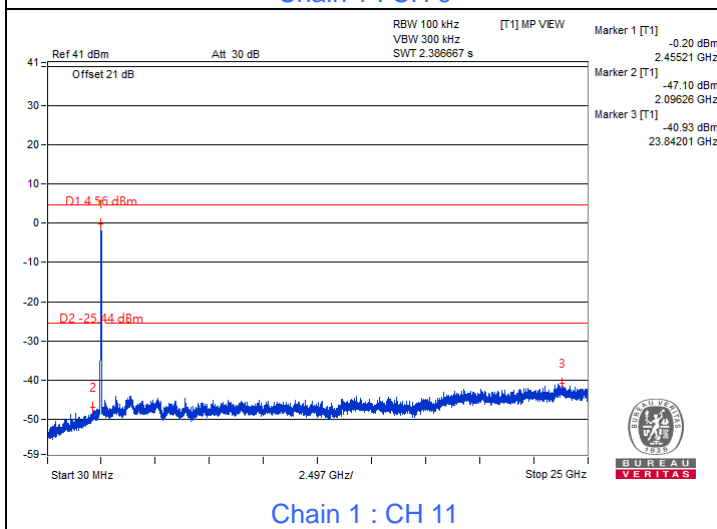
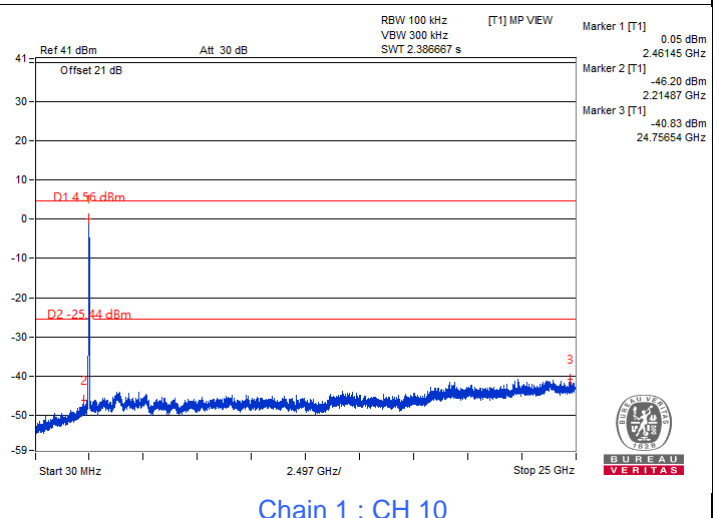
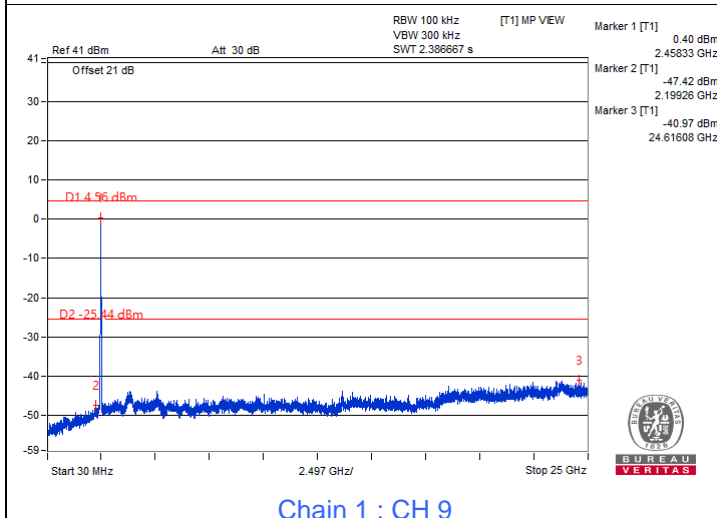
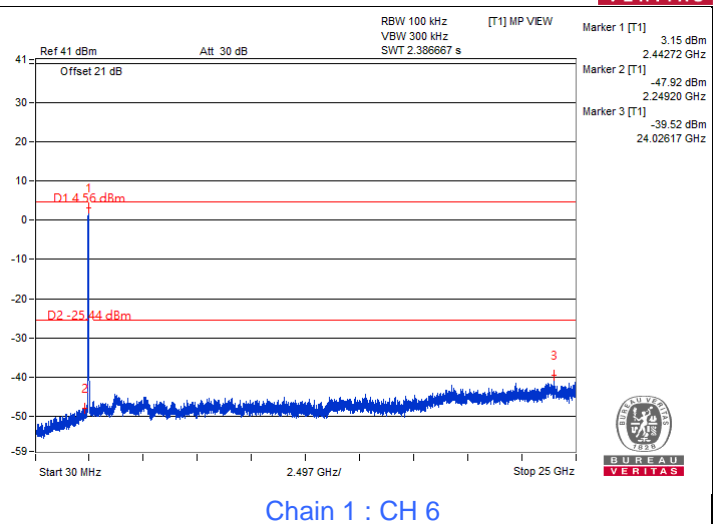
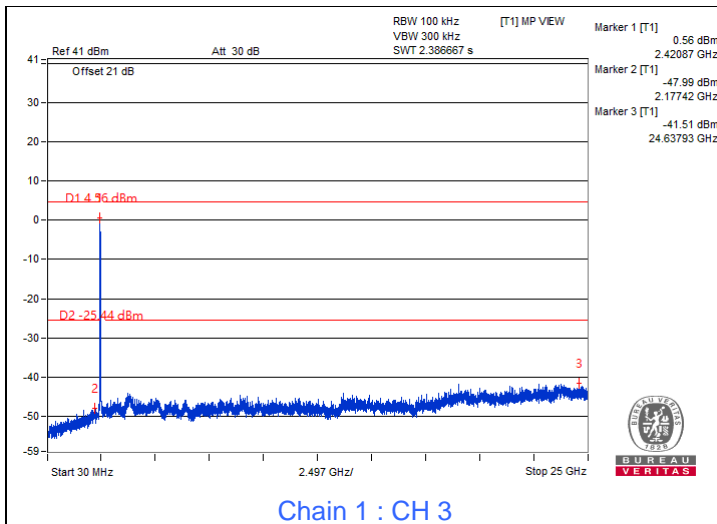


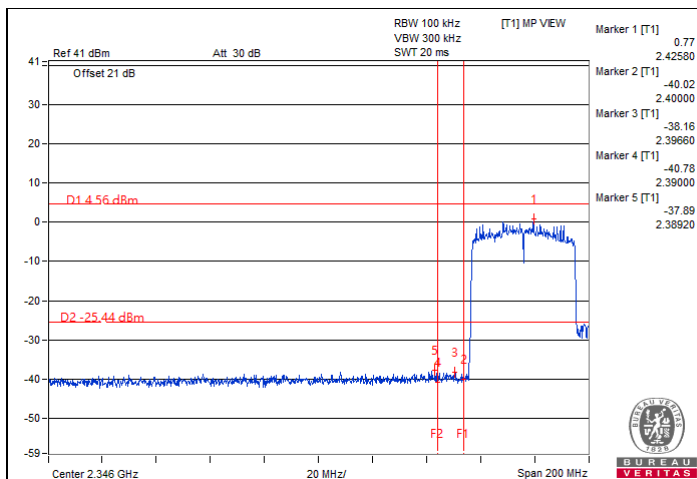
Chain 1 : CH 13 Band edge

802.11be (EHT40)

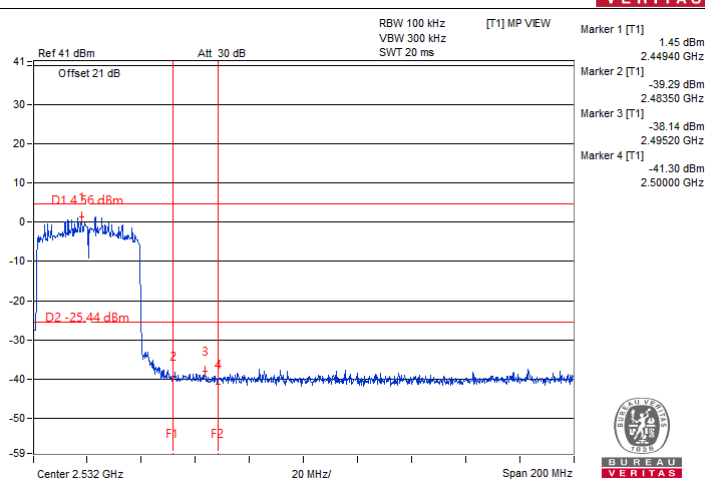




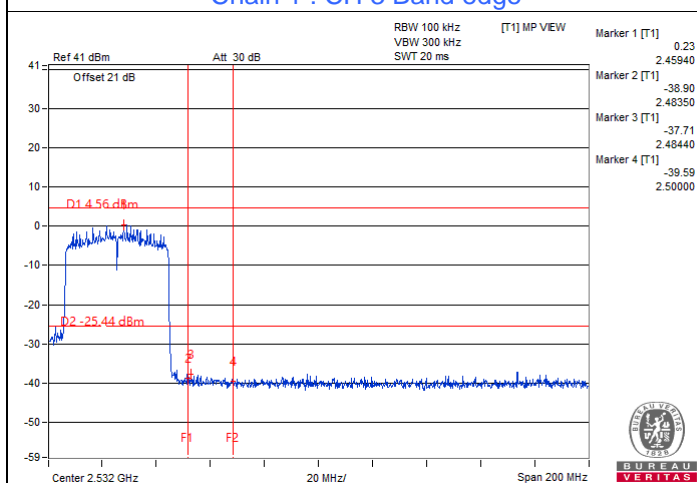




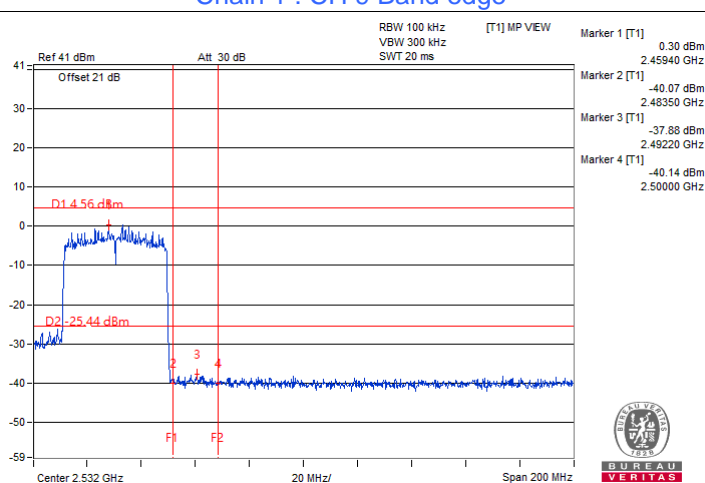
Chain 1 : CH 3 Band edge



Chain 1 : CH 9 Band edge



Chain 1 : CH 10 Band edge



Chain 1 : CH 11 Band edge

7.5 AC Power Conducted Emissions

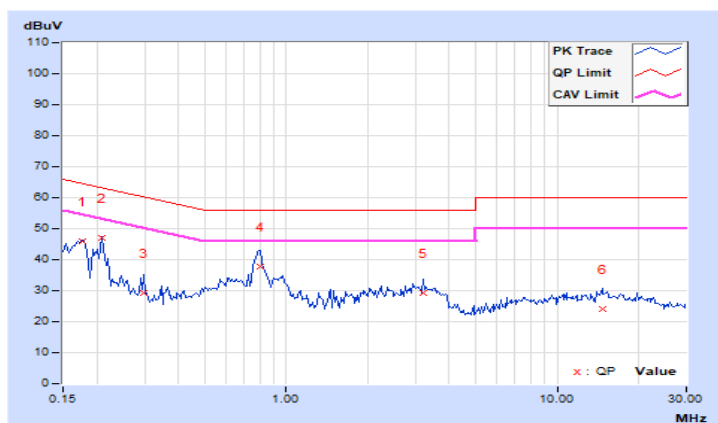
RF Mode	TX 802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	24°C, 71% RH
Tested By	Sampson Chen		

Phase Of Power : Line (L)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17734	10.05	35.74	19.44	45.79	29.49	64.61	54.61	-18.82	-25.12
2	0.20859	10.05	37.03	20.60	47.08	30.65	63.26	53.26	-16.18	-22.61
3	0.29844	10.06	19.36	1.71	29.42	11.77	60.29	50.29	-30.87	-38.52
4	0.80234	10.10	27.59	15.79	37.69	25.89	56.00	46.00	-18.31	-20.11
5	3.19531	10.22	19.09	13.42	29.31	23.64	56.00	46.00	-26.69	-22.36
6	14.66016	10.90	13.10	7.38	24.00	18.28	60.00	50.00	-36.00	-31.72

Remarks:

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

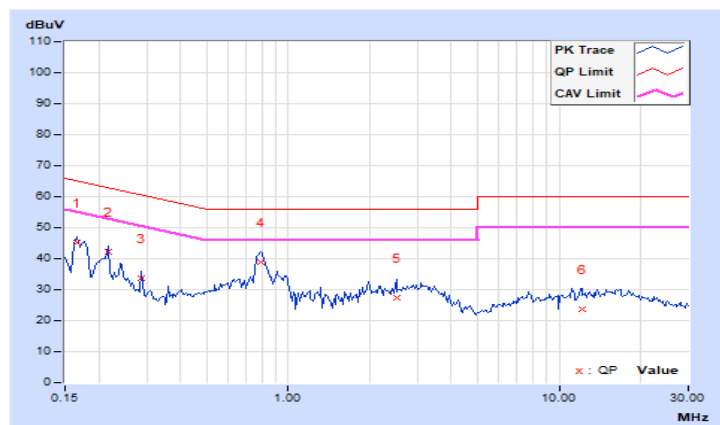


RF Mode	TX 802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	24°C, 71% RH
Tested By	Sampson Chen		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16562	10.02	35.25	21.52	45.27	31.54	65.18	55.18	-19.91	-23.64
2	0.21641	10.03	32.08	17.11	42.11	27.14	62.96	52.96	-20.85	-25.82
3	0.28672	10.03	23.49	9.59	33.52	19.62	60.62	50.62	-27.10	-31.00
4	0.79063	10.06	28.65	15.34	38.71	25.40	56.00	46.00	-17.29	-20.60
5	2.50781	10.15	17.29	11.84	27.44	21.99	56.00	46.00	-28.56	-24.01
6	12.12891	10.59	13.21	7.49	23.80	18.08	60.00	50.00	-36.20	-31.92

Remarks:

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



7.6 Unwanted Emissions below 1 GHz

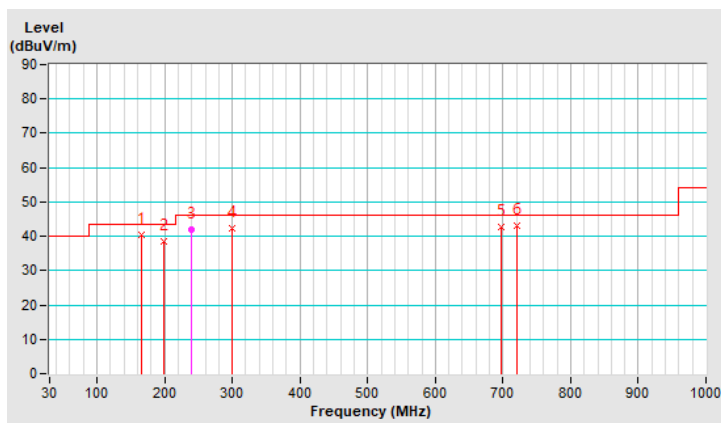
RF Mode	TX 802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Tom Yang		

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	166.29	40.5 QP	43.5	-3.0	1.50 H	360	52.5	-12.0
2	199.17	38.6 QP	43.5	-4.9	1.50 H	360	53.3	-14.7
3	240.00	41.9 QP	46.0	-4.1	1.00 H	177	54.8	-12.9
4	299.02	42.4 QP	46.0	-3.6	1.00 H	158	52.8	-10.4
5	697.03	42.8 QP	46.0	-3.2	1.00 H	62	43.2	-0.4
6	719.99	43.0 QP	46.0	-3.0	1.00 H	71	43.2	-0.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The 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.

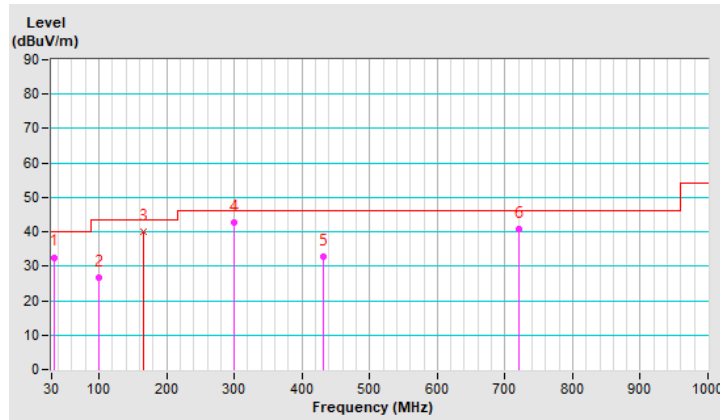


RF Mode	TX 802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	25°C, 66% RH
Tested By	Tom Yang		

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	33.23	32.6 QP	40.0	-7.4	1.00 V	360	46.1	-13.5
2	99.57	26.8 QP	43.5	-16.7	1.00 V	86	43.2	-16.4
3	166.28	40.0 QP	43.5	-3.5	1.50 V	127	52.0	-12.0
4	299.32	42.6 QP	46.0	-3.4	1.00 V	109	53.0	-10.4
5	432.02	32.7 QP	46.0	-13.3	1.50 V	103	38.9	-6.2
6	720.01	40.7 QP	46.0	-5.3	1.00 V	81	40.8	-0.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The 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.



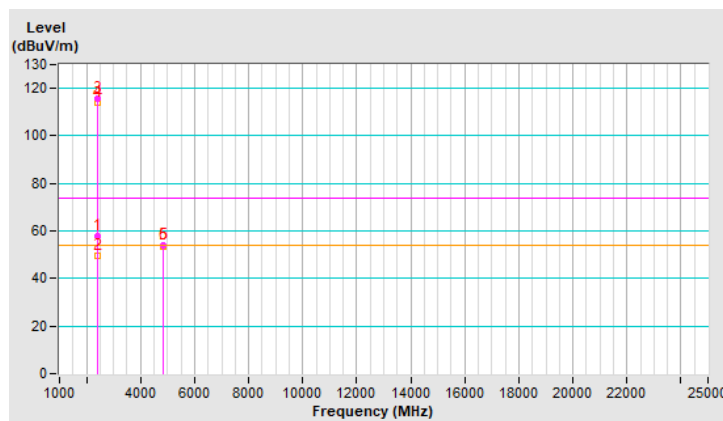
7.7 Unwanted Emissions above 1 GHz

RF Mode	TX 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, 60Hz	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	2388.30	57.8 PK	74.0	-16.2	2.59 H	46	62.3	-4.5
2	2388.30	49.7 AV	54.0	-4.3	2.59 H	46	54.2	-4.5
3	*2412.00	115.7 PK			2.59 H	46	120.2	-4.5
4	*2412.00	113.8 AV			2.59 H	46	118.3	-4.5
5	4824.00	54.1 PK	74.0	-19.9	2.19 H	93	54.3	-0.2
6	4824.00	53.7 AV	54.0	-0.3	2.19 H	93	53.9	-0.2

Remarks:

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

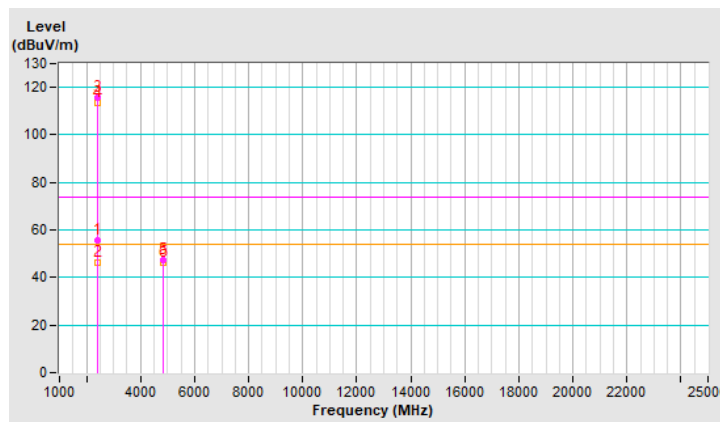


RF Mode	TX 802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	2387.10	55.8 PK	74.0	-18.2	1.81 V	39	60.3	-4.5
2	2387.10	46.4 AV	54.0	-7.6	1.81 V	39	50.9	-4.5
3	*2412.00	115.8 PK			1.81 V	39	120.3	-4.5
4	*2412.00	113.4 AV			1.81 V	39	117.9	-4.5
5	4824.00	47.3 PK	74.0	-26.7	2.02 V	134	47.5	-0.2
6	4824.00	46.5 AV	54.0	-7.5	2.02 V	134	46.7	-0.2

Remarks:

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

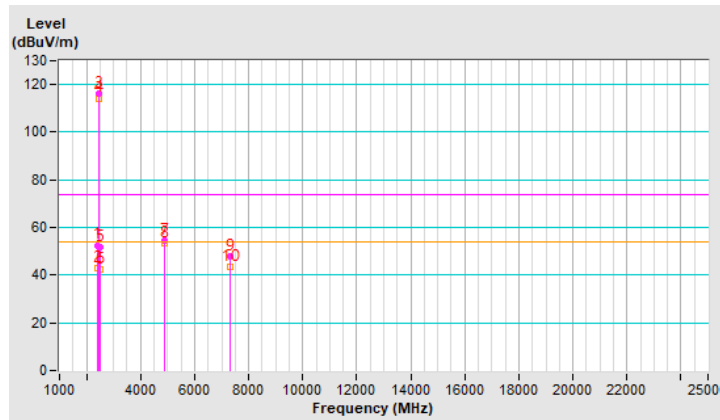


RF Mode	TX 802.11b	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	52.6 PK	74.0	-21.4	2.61 H	60	57.1	-4.5
2	2390.00	43.1 AV	54.0	-10.9	2.61 H	60	47.6	-4.5
3	*2437.00	116.2 PK			2.61 H	60	120.7	-4.5
4	*2437.00	114.3 AV			2.61 H	60	118.8	-4.5
5	2483.50	51.7 PK	74.0	-22.3	2.61 H	60	56.2	-4.5
6	2483.50	42.6 AV	54.0	-11.4	2.61 H	60	47.1	-4.5
7	4874.00	54.3 PK	74.0	-19.7	2.10 H	88	54.5	-0.2
8	4874.00	53.6 AV	54.0	-0.4	2.10 H	88	53.8	-0.2
9	7311.00	47.7 PK	74.0	-26.3	1.70 H	44	41.6	6.1
10	7311.00	43.4 AV	54.0	-10.6	1.70 H	44	37.3	6.1

Remarks:

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

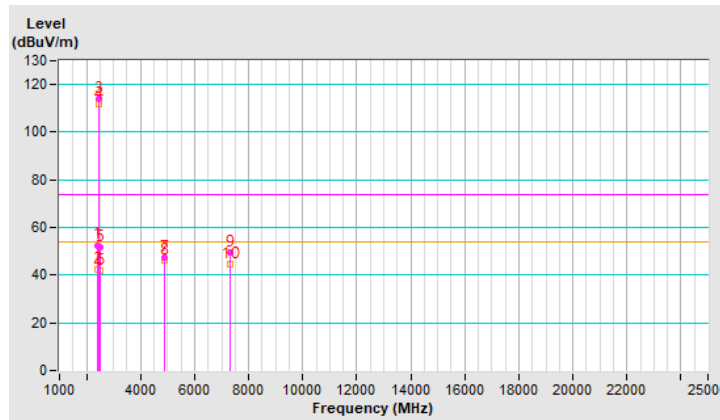


RF Mode	TX 802.11b	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	52.6 PK	74.0	-21.4	1.88 V	41	57.1	-4.5
2	2390.00	42.5 AV	54.0	-11.5	1.88 V	41	47.0	-4.5
3	*2437.00	114.2 PK			1.88 V	41	118.7	-4.5
4	*2437.00	111.9 AV			1.88 V	41	116.4	-4.5
5	2483.50	51.7 PK	74.0	-22.3	1.88 V	41	56.2	-4.5
6	2483.50	41.9 AV	54.0	-12.1	1.88 V	41	46.4	-4.5
7	4874.00	47.4 PK	74.0	-26.6	2.04 V	143	47.6	-0.2
8	4874.00	46.5 AV	54.0	-7.5	2.04 V	143	46.7	-0.2
9	7311.00	49.5 PK	74.0	-24.5	1.99 V	97	43.4	6.1
10	7311.00	44.4 AV	54.0	-9.6	1.99 V	97	38.3	6.1

Remarks:

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

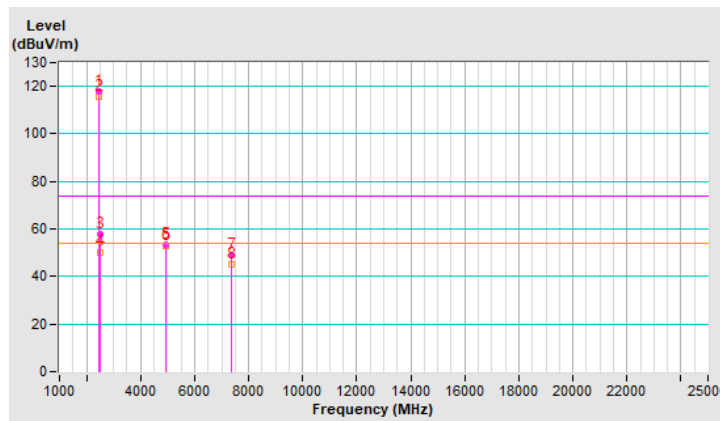


RF Mode	TX 802.11b	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	117.8 PK			2.60 H	46	122.3	-4.5
2	*2462.00	115.9 AV			2.60 H	46	120.4	-4.5
3	2483.50	57.7 PK	74.0	-16.3	2.60 H	46	62.2	-4.5
4	2483.50	50.4 AV	54.0	-3.6	2.60 H	46	54.9	-4.5
5	4924.00	53.5 PK	74.0	-20.5	2.04 H	83	53.5	0.0
6	4924.00	53.1 AV	54.0	-0.9	2.04 H	83	53.1	0.0
7	7386.00	48.9 PK	74.0	-25.1	1.82 H	44	42.5	6.4
8	7386.00	45.2 AV	54.0	-8.8	1.82 H	44	38.8	6.4

Remarks:

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

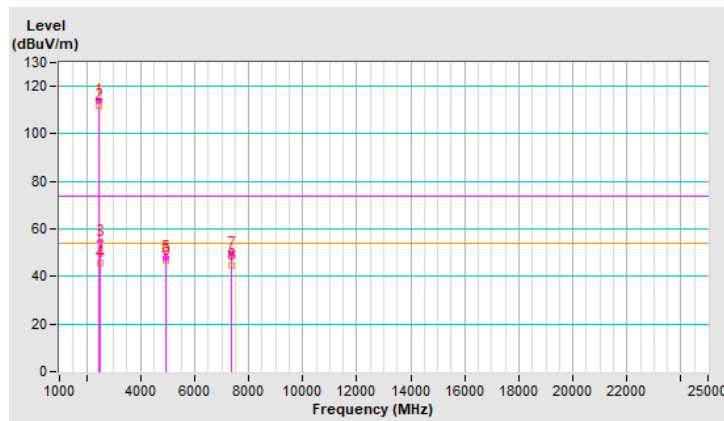


RF Mode	TX 802.11b	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	114.0 PK			1.85 V	27	118.5	-4.5
2	*2462.00	111.7 AV			1.85 V	27	116.2	-4.5
3	2483.50	54.7 PK	74.0	-19.3	1.85 V	27	59.2	-4.5
4	2483.50	45.9 AV	54.0	-8.1	1.85 V	27	50.4	-4.5
5	4924.00	47.7 PK	74.0	-26.3	2.07 V	133	47.7	0.0
6	4924.00	46.7 AV	54.0	-7.3	2.07 V	133	46.7	0.0
7	7386.00	49.7 PK	74.0	-24.3	1.94 V	100	43.3	6.4
8	7386.00	44.4 AV	54.0	-9.6	1.94 V	100	38.0	6.4

Remarks:

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

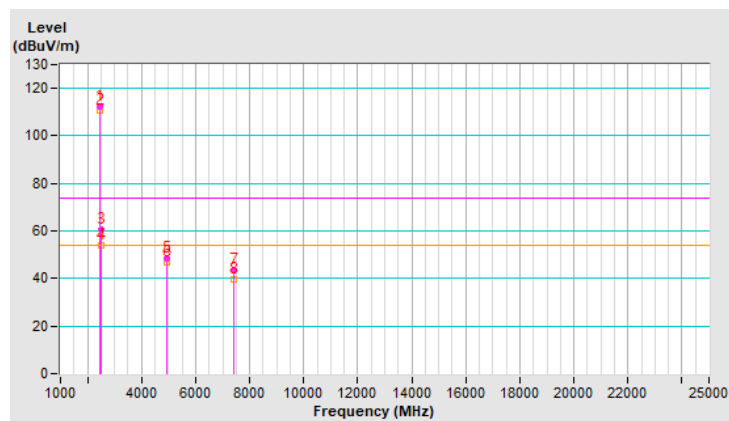


RF Mode	TX 802.11b	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	112.5 PK			2.63 H	48	117.0	-4.5
2	*2467.00	110.5 AV			2.63 H	48	115.0	-4.5
3	2483.50	60.8 PK	74.0	-13.2	2.63 H	48	65.3	-4.5
4	2483.50	53.8 AV	54.0	-0.2	2.63 H	48	58.3	-4.5
5	4934.00	48.2 PK	74.0	-25.8	2.06 H	74	48.2	0.0
6	4934.00	46.6 AV	54.0	-7.4	2.06 H	74	46.6	0.0
7	7401.00	43.3 PK	74.0	-30.7	1.85 H	57	36.8	6.5
8	7401.00	39.5 AV	54.0	-14.5	1.85 H	57	33.0	6.5

Remarks:

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

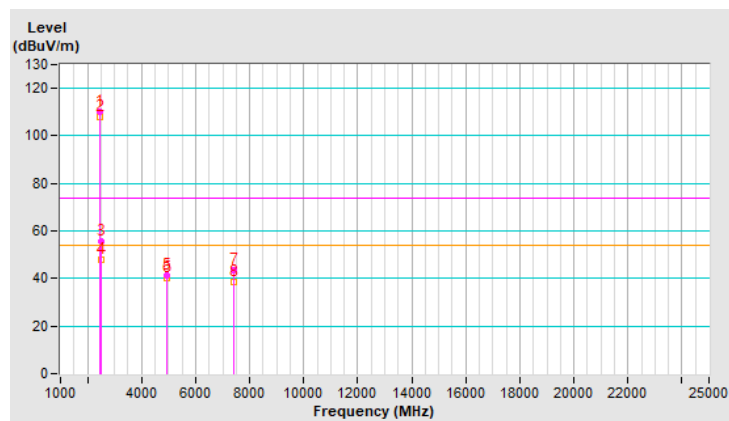


RF Mode	TX 802.11b	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	110.2 PK			1.71 V	32	114.7	-4.5
2	*2467.00	108.1 AV			1.71 V	32	112.6	-4.5
3	2483.50	55.8 PK	74.0	-18.2	1.71 V	32	60.3	-4.5
4	2483.50	47.7 AV	54.0	-6.3	1.71 V	32	52.2	-4.5
5	4934.00	41.2 PK	74.0	-32.8	2.09 V	131	41.2	0.0
6	4934.00	40.3 AV	54.0	-13.7	2.09 V	131	40.3	0.0
7	7401.00	43.7 PK	74.0	-30.3	1.99 V	106	37.2	6.5
8	7401.00	38.4 AV	54.0	-15.6	1.99 V	106	31.9	6.5

Remarks:

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

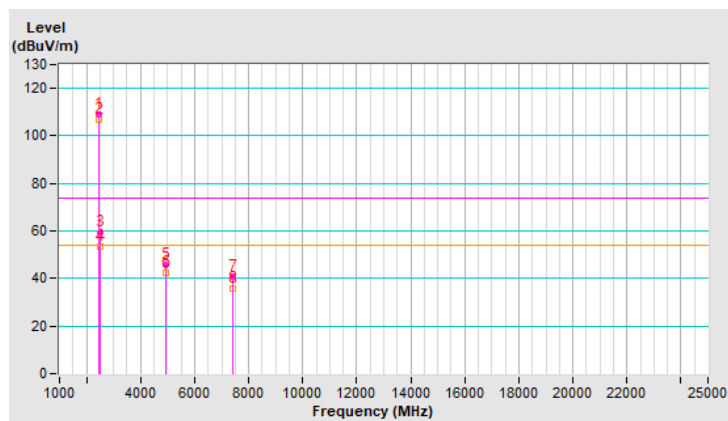


RF Mode	TX 802.11b	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	108.8 PK			2.54 H	43	113.3	-4.5
2	*2472.00	106.7 AV			2.54 H	43	111.2	-4.5
3	2486.80	59.6 PK	74.0	-14.4	2.54 H	43	64.1	-4.5
4	2486.80	53.6 AV	54.0	-0.4	2.54 H	43	58.1	-4.5
5	4944.00	45.6 PK	74.0	-28.4	2.10 H	61	45.5	0.1
6	4944.00	42.3 AV	54.0	-11.7	2.10 H	61	42.2	0.1
7	7416.00	40.5 PK	74.0	-33.5	1.90 H	49	34.0	6.5
8	7416.00	35.6 AV	54.0	-18.4	1.90 H	49	29.1	6.5

Remarks:

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

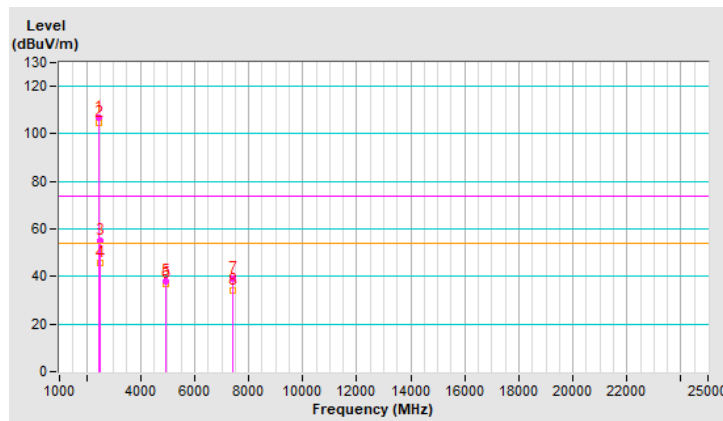


RF Mode	TX 802.11b	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	106.7 PK			1.66 V	29	111.2	-4.5
2	*2472.00	104.5 AV			1.66 V	29	109.0	-4.5
3	2483.50	55.1 PK	74.0	-18.9	1.66 V	29	59.6	-4.5
4	2483.50	45.7 AV	54.0	-8.3	1.66 V	29	50.2	-4.5
5	4944.00	37.8 PK	74.0	-36.2	2.12 V	138	37.7	0.1
6	4944.00	36.7 AV	54.0	-17.3	2.12 V	138	36.6	0.1
7	7416.00	38.9 PK	74.0	-35.1	2.04 V	118	32.4	6.5
8	7416.00	34.2 AV	54.0	-19.8	2.04 V	118	27.7	6.5

Remarks:

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

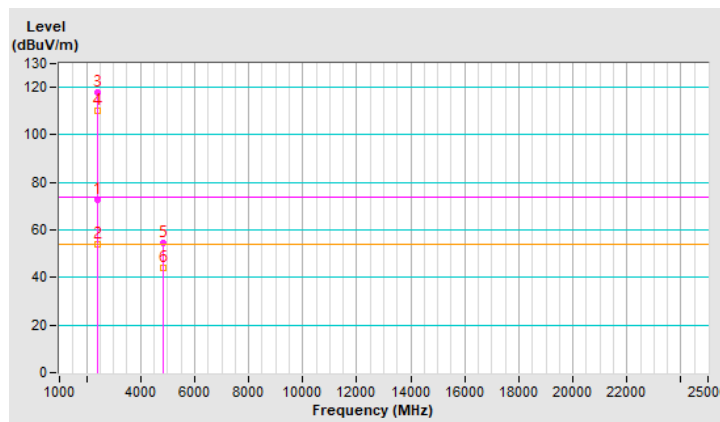


RF Mode	TX 802.11g	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 510 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	2389.80	72.9 PK	74.0	-1.1	2.70 H	68	77.4	-4.5
2	2389.80	53.8 AV	54.0	-0.2	2.70 H	68	58.3	-4.5
3	*2412.00	117.7 PK			2.70 H	68	122.2	-4.5
4	*2412.00	109.9 AV			2.70 H	68	114.4	-4.5
5	4824.00	54.4 PK	74.0	-19.6	2.17 H	96	54.6	-0.2
6	4824.00	43.8 AV	54.0	-10.2	2.17 H	96	44.0	-0.2

Remarks:

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

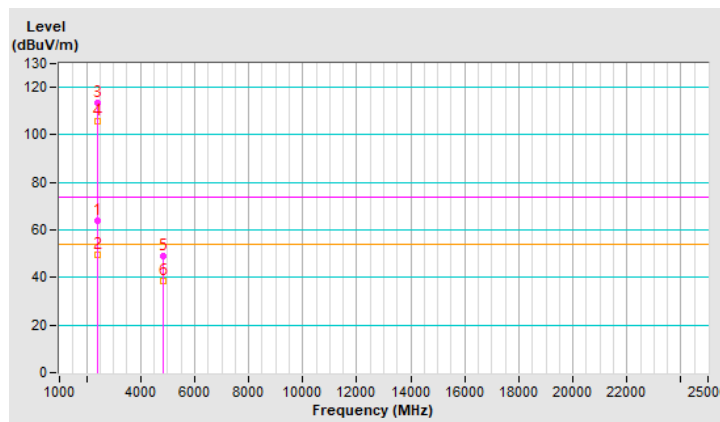


RF Mode	TX 802.11g	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 510 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	1.80 V	27	68.6	-4.5
2	2390.00	49.4 AV	54.0	-4.6	1.80 V	27	53.9	-4.5
3	*2412.00	113.6 PK			1.80 V	27	118.1	-4.5
4	*2412.00	105.7 AV			1.80 V	27	110.2	-4.5
5	4824.00	48.8 PK	74.0	-25.2	2.10 V	154	49.0	-0.2
6	4824.00	38.7 AV	54.0	-15.3	2.10 V	154	38.9	-0.2

Remarks:

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

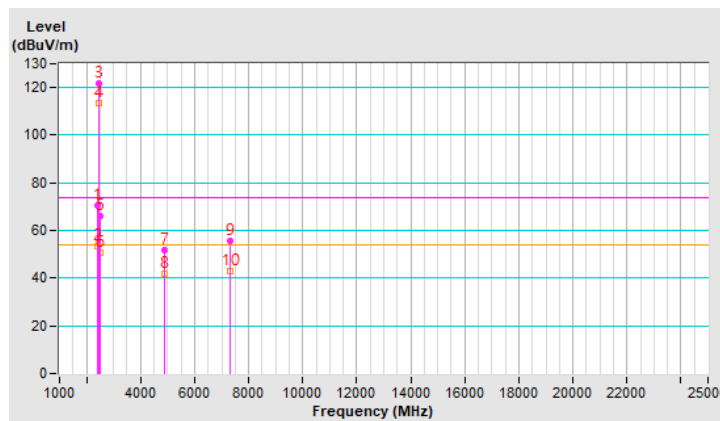


RF Mode	TX 802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 510 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	70.6 PK	74.0	-3.4	2.61 H	63	75.1	-4.5
2	2390.00	53.5 AV	54.0	-0.5	2.61 H	63	58.0	-4.5
3	*2437.00	121.5 PK			2.61 H	63	126.0	-4.5
4	*2437.00	113.3 AV			2.61 H	63	117.8	-4.5
5	2483.50	65.9 PK	74.0	-8.1	2.61 H	63	70.4	-4.5
6	2483.50	50.6 AV	54.0	-3.4	2.61 H	63	55.1	-4.5
7	4874.00	51.8 PK	74.0	-22.2	2.15 H	75	52.0	-0.2
8	4874.00	41.6 AV	54.0	-12.4	2.15 H	75	41.8	-0.2
9	7311.00	55.5 PK	74.0	-18.5	1.77 H	44	49.4	6.1
10	7311.00	42.8 AV	54.0	-11.2	1.77 H	44	36.7	6.1

Remarks:

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

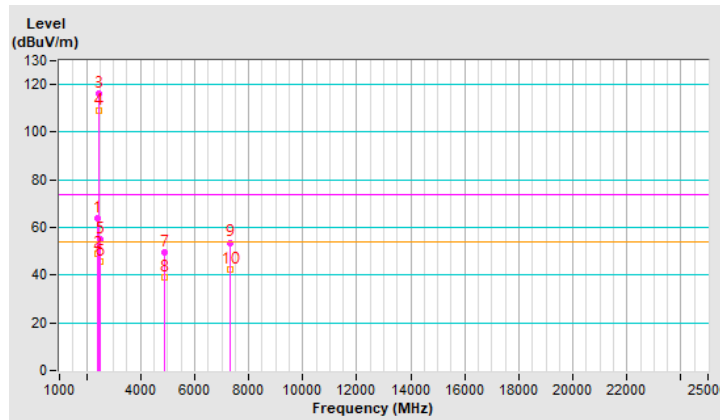


RF Mode	TX 802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 510 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	63.7 PK	74.0	-10.3	1.75 V	34	68.2	-4.5
2	2390.00	49.1 AV	54.0	-4.9	1.75 V	34	53.6	-4.5
3	*2437.00	116.0 PK			1.75 V	34	120.5	-4.5
4	*2437.00	109.3 AV			1.75 V	34	113.8	-4.5
5	2483.50	55.3 PK	74.0	-18.7	1.75 V	34	59.8	-4.5
6	2483.50	45.8 AV	54.0	-8.2	1.75 V	34	50.3	-4.5
7	4874.00	49.8 PK	74.0	-24.2	2.10 V	137	50.0	-0.2
8	4874.00	39.3 AV	54.0	-14.7	2.10 V	137	39.5	-0.2
9	7311.00	53.7 PK	74.0	-20.3	2.01 V	95	47.6	6.1
10	7311.00	42.3 AV	54.0	-11.7	2.01 V	95	36.2	6.1

Remarks:

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

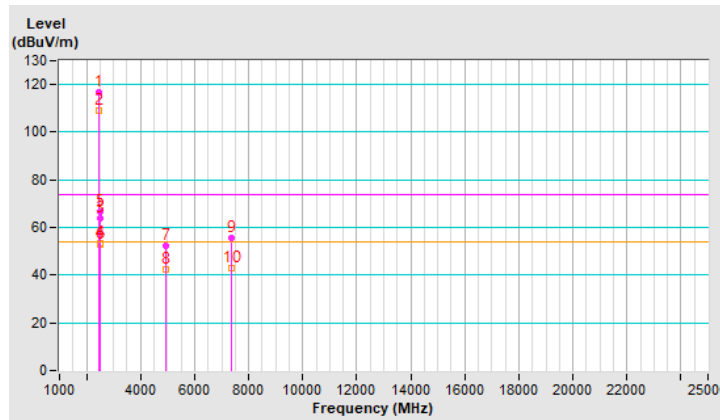


RF Mode	TX 802.11g	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 510 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	116.7 PK			2.85 H	67	121.2	-4.5
2	*2462.00	108.8 AV			2.85 H	67	113.3	-4.5
3	2483.50	63.8 PK	74.0	-10.2	2.85 H	67	68.3	-4.5
4	2483.50	53.6 AV	54.0	-0.4	2.85 H	67	58.1	-4.5
5	2484.20	66.5 PK	74.0	-7.5	2.85 H	67	71.0	-4.5
6	2484.20	52.9 AV	54.0	-1.1	2.85 H	67	57.4	-4.5
7	4924.00	52.5 PK	74.0	-21.5	2.08 H	82	52.5	0.0
8	4924.00	42.4 AV	54.0	-11.6	2.08 H	82	42.4	0.0
9	7386.00	55.7 PK	74.0	-18.3	1.85 H	43	49.3	6.4
10	7386.00	42.7 AV	54.0	-11.3	1.85 H	43	36.3	6.4

Remarks:

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

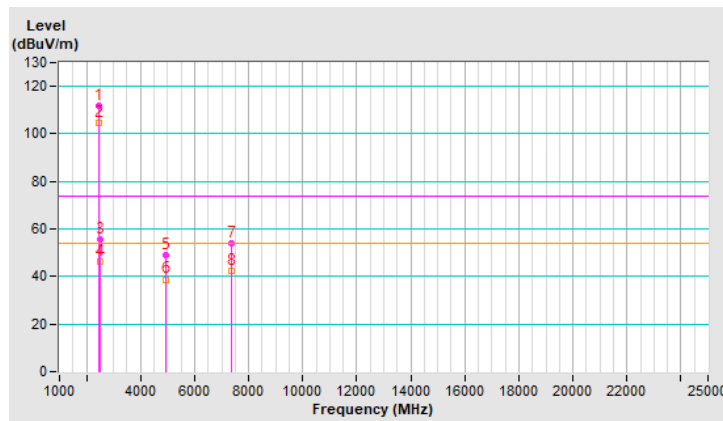


RF Mode	TX 802.11g	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 510 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	111.6 PK			1.79 V	27	116.1	-4.5
2	*2462.00	104.6 AV			1.79 V	27	109.1	-4.5
3	2483.50	55.5 PK	74.0	-18.5	1.79 V	27	60.0	-4.5
4	2483.50	46.0 AV	54.0	-8.0	1.79 V	27	50.5	-4.5
5	4924.00	49.1 PK	74.0	-24.9	2.13 V	145	49.1	0.0
6	4924.00	38.8 AV	54.0	-15.2	2.13 V	145	38.8	0.0
7	7386.00	53.9 PK	74.0	-20.1	2.01 V	91	47.5	6.4
8	7386.00	42.5 AV	54.0	-11.5	2.01 V	91	36.1	6.4

Remarks:

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



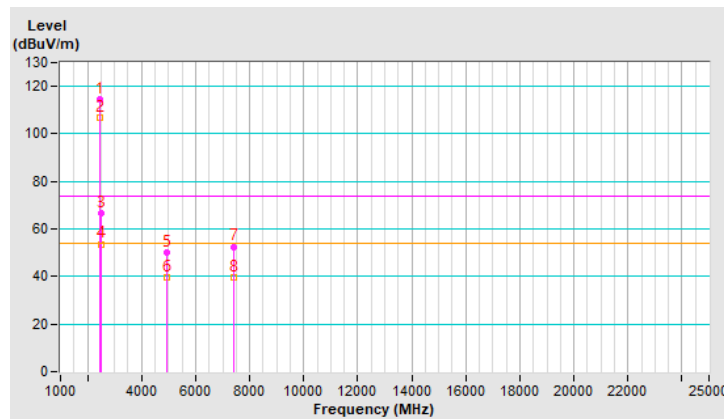
RF Mode	TX 802.11g	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 510 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	114.8 PK			2.87 H	66	119.3	-4.5
2	*2467.00	106.9 AV			2.87 H	66	111.4	-4.5
3	2484.40	66.4 PK	74.0	-7.6	2.87 H	66	70.9	-4.5
4	2484.40	53.7 AV	54.0	-0.3	2.87 H	66	58.2	-4.5
5	4934.00	50.0 PK	74.0	-24.0	2.06 H	85	50.0	0.0
6	4934.00	39.7 AV	54.0	-14.3	2.06 H	85	39.7	0.0
7	7401.00	52.6 PK	74.0	-21.4	1.84 H	31	46.1	6.5
8	7401.00	39.4 AV	54.0	-14.6	1.84 H	31	32.9	6.5

Remarks:

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

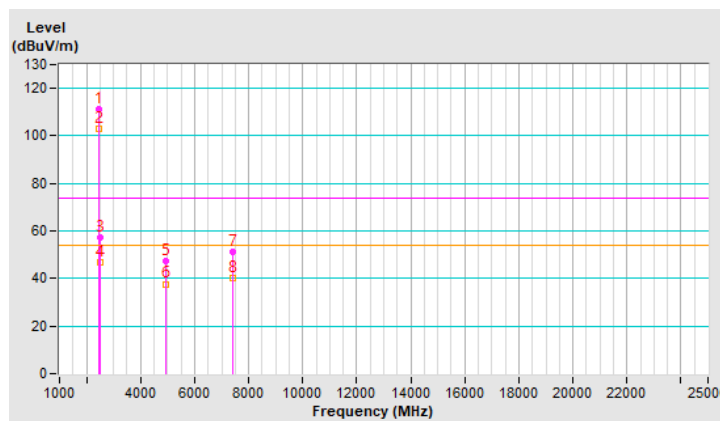


RF Mode	TX 802.11g	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 510 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	111.0 PK			1.84 V	25	115.5	-4.5
2	*2467.00	103.0 AV			1.84 V	25	107.5	-4.5
3	2485.80	57.1 PK	74.0	-16.9	1.84 V	25	61.6	-4.5
4	2485.80	46.7 AV	54.0	-7.3	1.84 V	25	51.2	-4.5
5	4934.00	47.1 PK	74.0	-26.9	2.10 V	149	47.1	0.0
6	4934.00	37.7 AV	54.0	-16.3	2.10 V	149	37.7	0.0
7	7401.00	51.4 PK	74.0	-22.6	1.96 V	91	44.9	6.5
8	7401.00	40.2 AV	54.0	-13.8	1.96 V	91	33.7	6.5

Remarks:

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

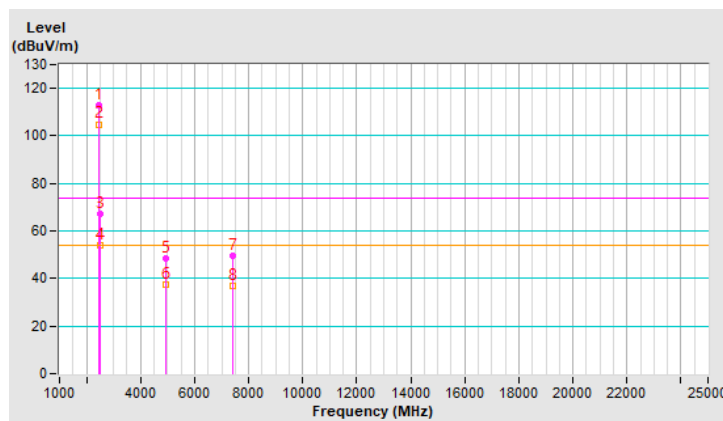


RF Mode	TX 802.11g	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 510 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	112.8 PK			2.82 H	65	117.3	-4.5
2	*2472.00	104.9 AV			2.82 H	65	109.4	-4.5
3	2483.50	67.1 PK	74.0	-6.9	2.82 H	65	71.6	-4.5
4	2483.50	53.8 AV	54.0	-0.2	2.82 H	65	58.3	-4.5
5	4944.00	48.4 PK	74.0	-25.6	2.02 H	99	48.3	0.1
6	4944.00	37.6 AV	54.0	-16.4	2.02 H	99	37.5	0.1
7	7416.00	49.6 PK	74.0	-24.4	1.79 H	39	43.1	6.5
8	7416.00	37.1 AV	54.0	-16.9	1.79 H	39	30.6	6.5

Remarks:

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

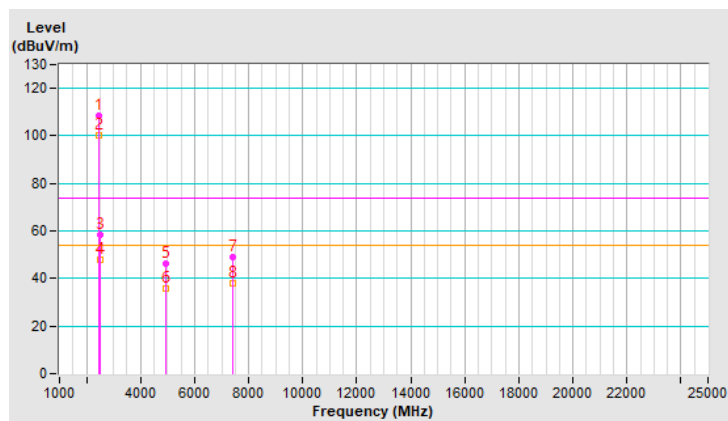


RF Mode	TX 802.11g	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 510 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	108.4 PK			1.91 V	26	112.9	-4.5
2	*2472.00	100.2 AV			1.91 V	26	104.7	-4.5
3	2485.50	58.3 PK	74.0	-15.7	1.91 V	26	62.8	-4.5
4	2485.50	48.0 AV	54.0	-6.0	1.91 V	26	52.5	-4.5
5	4944.00	46.1 PK	74.0	-27.9	2.05 V	153	46.0	0.1
6	4944.00	35.9 AV	54.0	-18.1	2.05 V	153	35.8	0.1
7	7416.00	48.9 PK	74.0	-25.1	1.97 V	81	42.4	6.5
8	7416.00	37.8 AV	54.0	-16.2	1.97 V	81	31.3	6.5

Remarks:

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

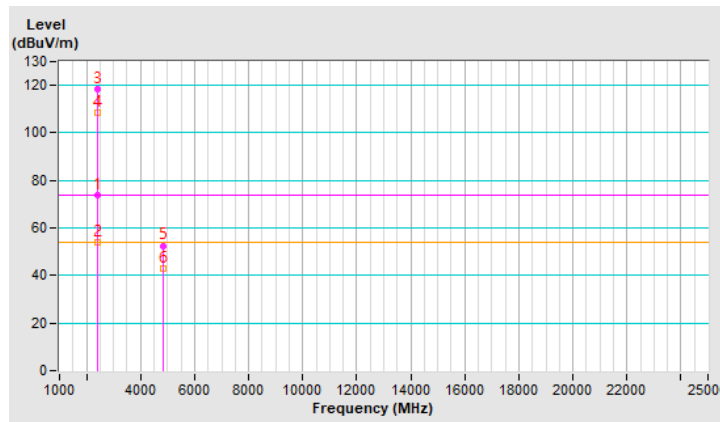


RF Mode	TX 802.11ax (HE20)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	2388.10	73.6 PK	74.0	-0.4	3.00 H	69	78.1	-4.5
2	2388.10	53.9 AV	54.0	-0.1	3.00 H	69	58.4	-4.5
3	*2412.00	118.5 PK			3.00 H	69	123.0	-4.5
4	*2412.00	108.6 AV			3.00 H	69	113.1	-4.5
5	4824.00	52.6 PK	74.0	-21.4	2.06 H	86	52.8	-0.2
6	4824.00	42.9 AV	54.0	-11.1	2.06 H	86	43.1	-0.2

Remarks:

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

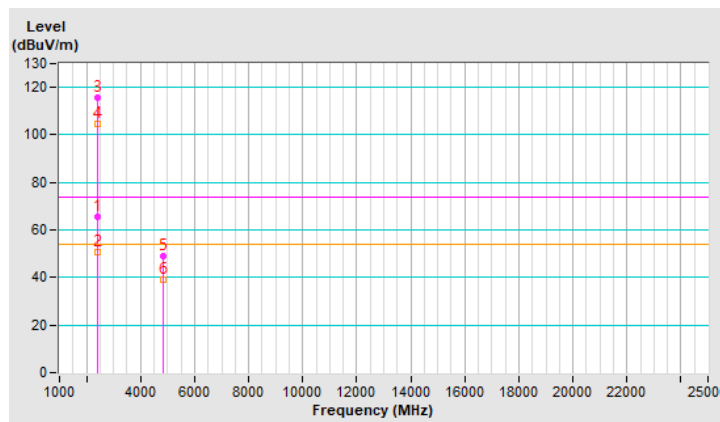


RF Mode	TX 802.11ax (HE20)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	2389.50	65.5 PK	74.0	-8.5	1.86 V	27	70.0	-4.5
2	2389.50	50.8 AV	54.0	-3.2	1.86 V	27	55.3	-4.5
3	*2412.00	115.5 PK			1.86 V	27	120.0	-4.5
4	*2412.00	104.8 AV			1.86 V	27	109.3	-4.5
5	4824.00	49.2 PK	74.0	-24.8	2.09 V	162	49.4	-0.2
6	4824.00	39.2 AV	54.0	-14.8	2.09 V	162	39.4	-0.2

Remarks:

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

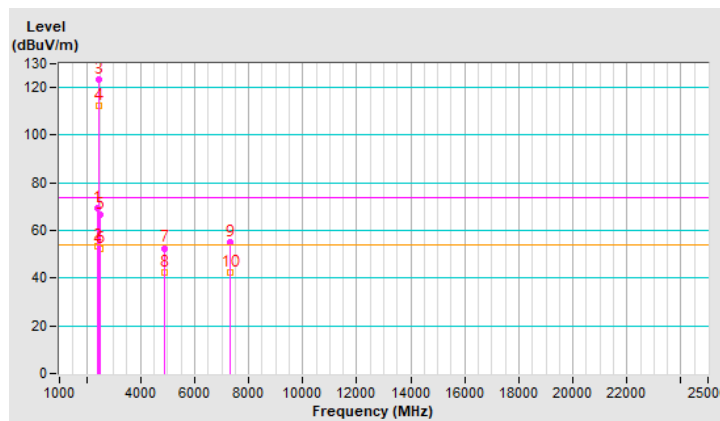


RF Mode	TX 802.11ax (HE20)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	69.3 PK	74.0	-4.7	2.61 H	65	73.8	-4.5
2	2390.00	53.5 AV	54.0	-0.5	2.61 H	65	58.0	-4.5
3	*2437.00	123.6 PK			2.61 H	65	128.1	-4.5
4	*2437.00	112.3 AV			2.61 H	65	116.8	-4.5
5	2483.50	66.4 PK	74.0	-7.6	2.61 H	65	70.9	-4.5
6	2483.50	52.3 AV	54.0	-1.7	2.61 H	65	56.8	-4.5
7	4874.00	52.6 PK	74.0	-21.4	2.04 H	94	52.8	-0.2
8	4874.00	42.6 AV	54.0	-11.4	2.04 H	94	42.8	-0.2
9	7311.00	55.1 PK	74.0	-18.9	1.88 H	40	49.0	6.1
10	7311.00	42.4 AV	54.0	-11.6	1.88 H	40	36.3	6.1

Remarks:

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

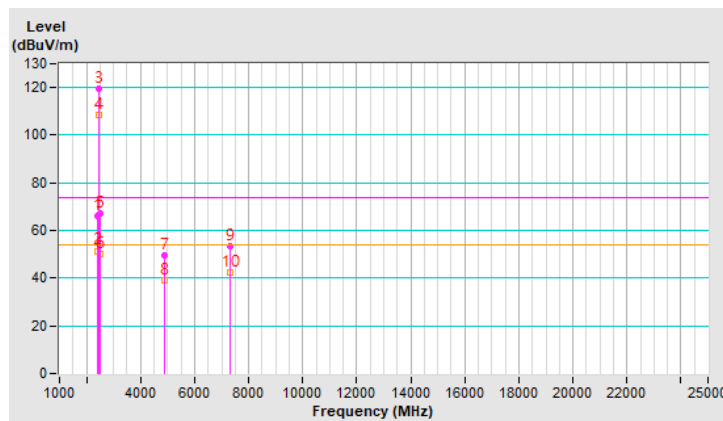


RF Mode	TX 802.11ax (HE20)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	66.0 PK	74.0	-8.0	1.63 V	15	70.5	-4.5
2	2390.00	51.5 AV	54.0	-2.5	1.63 V	15	56.0	-4.5
3	*2437.00	119.5 PK			1.63 V	15	124.0	-4.5
4	*2437.00	108.4 AV			1.63 V	15	112.9	-4.5
5	2483.50	67.1 PK	74.0	-6.9	1.63 V	15	71.6	-4.5
6	2483.50	50.3 AV	54.0	-3.7	1.63 V	15	54.8	-4.5
7	4874.00	49.4 PK	74.0	-24.6	2.13 V	144	49.6	-0.2
8	4874.00	39.1 AV	54.0	-14.9	2.13 V	144	39.3	-0.2
9	7311.00	53.6 PK	74.0	-20.4	1.99 V	99	47.5	6.1
10	7311.00	42.2 AV	54.0	-11.8	1.99 V	99	36.1	6.1

Remarks:

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

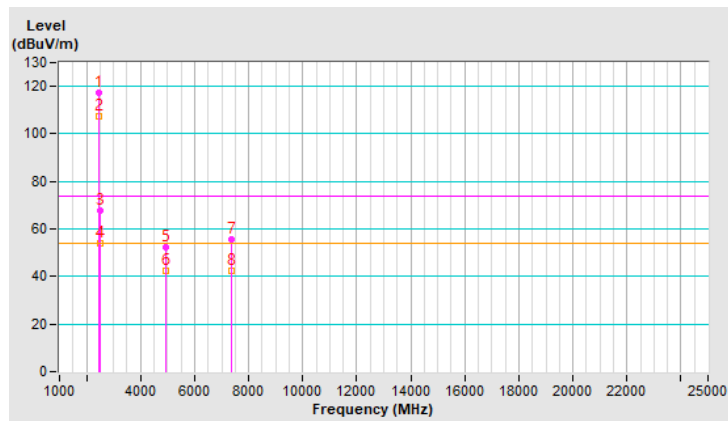


RF Mode	TX 802.11ax (HE20)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	117.5 PK			2.62 H	66	122.0	-4.5
2	*2462.00	107.2 AV			2.62 H	66	111.7	-4.5
3	2483.50	67.8 PK	74.0	-6.2	2.62 H	66	72.3	-4.5
4	2483.50	53.8 AV	54.0	-0.2	2.62 H	66	58.3	-4.5
5	4924.00	52.5 PK	74.0	-21.5	2.12 H	76	52.5	0.0
6	4924.00	42.2 AV	54.0	-11.8	2.12 H	76	42.2	0.0
7	7386.00	55.6 PK	74.0	-18.4	1.88 H	38	49.2	6.4
8	7386.00	42.6 AV	54.0	-11.4	1.88 H	38	36.2	6.4

Remarks:

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

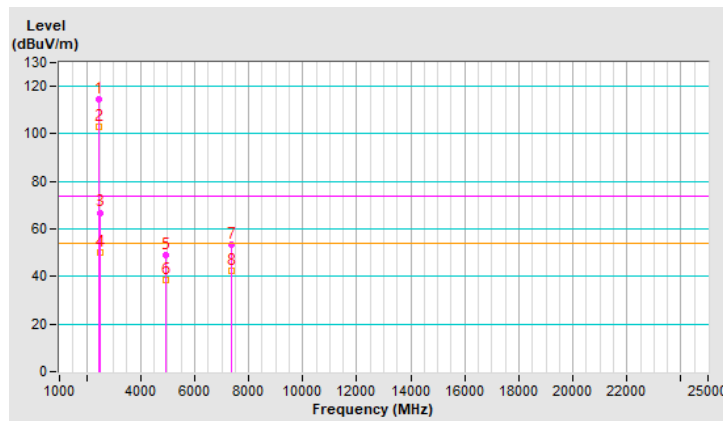


RF Mode	TX 802.11ax (HE20)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	114.5 PK			1.68 V	27	119.0	-4.5
2	*2462.00	103.1 AV			1.68 V	27	107.6	-4.5
3	2484.10	66.9 PK	74.0	-7.1	1.68 V	27	71.4	-4.5
4	2484.10	50.0 AV	54.0	-4.0	1.68 V	27	54.5	-4.5
5	4924.00	48.9 PK	74.0	-25.1	2.13 V	150	48.9	0.0
6	4924.00	38.5 AV	54.0	-15.5	2.13 V	150	38.5	0.0
7	7386.00	53.6 PK	74.0	-20.4	2.02 V	93	47.2	6.4
8	7386.00	42.5 AV	54.0	-11.5	2.02 V	93	36.1	6.4

Remarks:

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

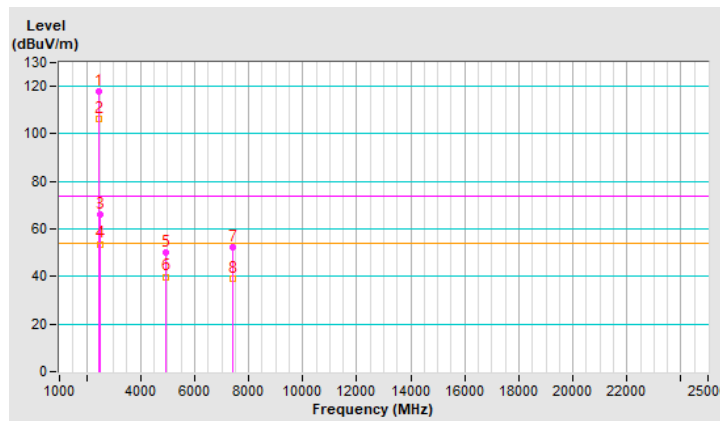


RF Mode	TX 802.11ax (HE20)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	117.8 PK			2.53 H	53	122.3	-4.5
2	*2467.00	106.3 AV			2.53 H	53	110.8	-4.5
3	2485.00	66.3 PK	74.0	-7.7	2.53 H	53	70.8	-4.5
4	2485.00	53.7 AV	54.0	-0.3	2.53 H	53	58.2	-4.5
5	4934.00	50.0 PK	74.0	-24.0	2.01 H	73	50.0	0.0
6	4934.00	39.9 AV	54.0	-14.1	2.01 H	73	39.9	0.0
7	7401.00	52.1 PK	74.0	-21.9	1.80 H	29	45.6	6.5
8	7401.00	38.9 AV	54.0	-15.1	1.80 H	29	32.4	6.5

Remarks:

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

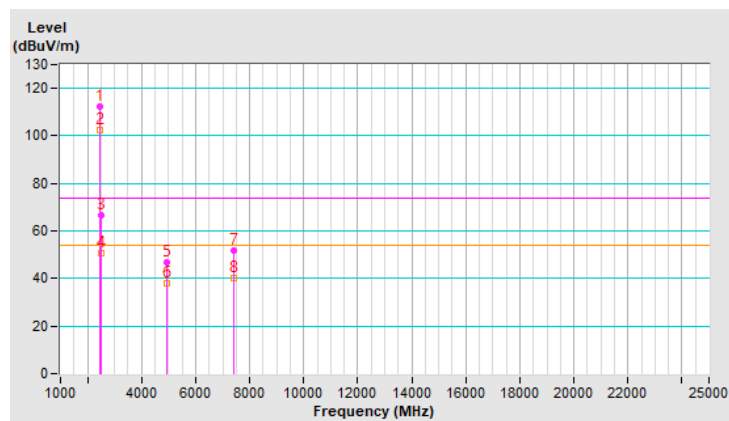


RF Mode	TX 802.11ax (HE20)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	112.6 PK			1.66 V	24	117.1	-4.5
2	*2467.00	102.4 AV			1.66 V	24	106.9	-4.5
3	2483.80	66.4 PK	74.0	-7.6	1.66 V	24	70.9	-4.5
4	2483.80	50.7 AV	54.0	-3.3	1.66 V	24	55.2	-4.5
5	4934.00	47.0 PK	74.0	-27.0	2.12 V	147	47.0	0.0
6	4934.00	37.8 AV	54.0	-16.2	2.12 V	147	37.8	0.0
7	7401.00	51.6 PK	74.0	-22.4	2.01 V	97	45.1	6.5
8	7401.00	40.2 AV	54.0	-13.8	2.01 V	97	33.7	6.5

Remarks:

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

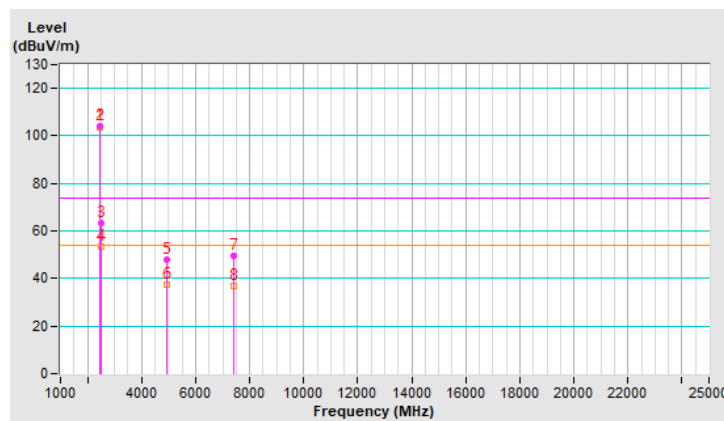


RF Mode	TX 802.11ax (HE20)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	104.2 PK			2.84 H	68	108.7	-4.5
2	*2472.00	103.8 AV			2.84 H	68	108.3	-4.5
3	2483.50	63.2 PK	74.0	-10.8	2.84 H	68	67.7	-4.5
4	2483.50	53.6 AV	54.0	-0.4	2.84 H	68	58.1	-4.5
5	4944.00	47.9 PK	74.0	-26.1	2.07 H	104	47.8	0.1
6	4944.00	37.3 AV	54.0	-16.7	2.07 H	104	37.2	0.1
7	7416.00	49.5 PK	74.0	-24.5	1.76 H	25	43.0	6.5
8	7416.00	37.0 AV	54.0	-17.0	1.76 H	25	30.5	6.5

Remarks:

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

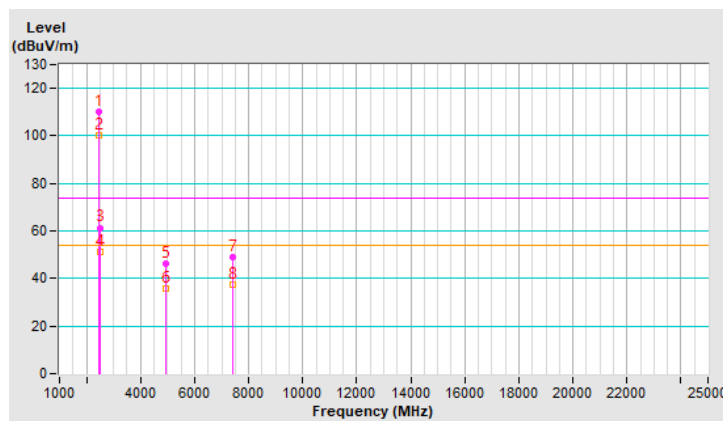


RF Mode	TX 802.11ax (HE20)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	110.4 PK			1.62 V	27	114.9	-4.5
2	*2472.00	100.1 AV			1.62 V	27	104.6	-4.5
3	2483.50	61.4 PK	74.0	-12.6	1.62 V	27	65.9	-4.5
4	2483.50	51.1 AV	54.0	-2.9	1.62 V	27	55.6	-4.5
5	4944.00	46.0 PK	74.0	-28.0	2.07 V	146	45.9	0.1
6	4944.00	35.9 AV	54.0	-18.1	2.07 V	146	35.8	0.1
7	7416.00	48.9 PK	74.0	-25.1	2.00 V	69	42.4	6.5
8	7416.00	37.6 AV	54.0	-16.4	2.00 V	69	31.1	6.5

Remarks:

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

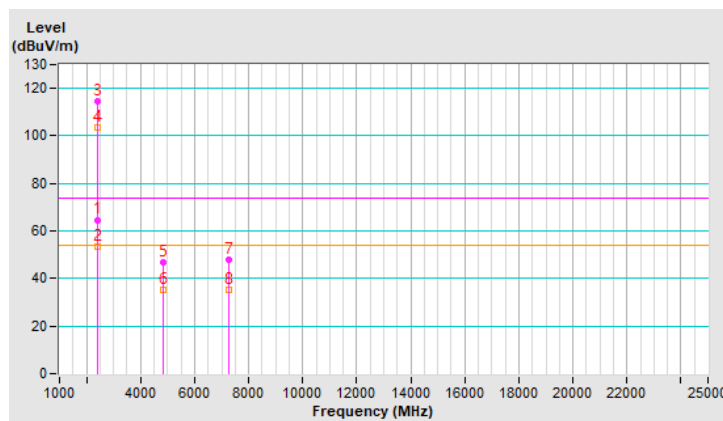


RF Mode	TX 802.11ax (HE40)	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	2388.00	64.7 PK	74.0	-9.3	2.97 H	64	69.2	-4.5
2	2388.00	53.6 AV	54.0	-0.4	2.97 H	64	58.1	-4.5
3	*2422.00	114.5 PK			2.97 H	64	119.0	-4.5
4	*2422.00	103.4 AV			2.97 H	64	107.9	-4.5
5	4844.00	46.6 PK	74.0	-27.4	2.13 H	109	46.9	-0.3
6	4844.00	35.0 AV	54.0	-19.0	2.13 H	109	35.3	-0.3
7	7266.00	48.0 PK	74.0	-26.0	1.76 H	0	42.0	6.0
8	7266.00	35.0 AV	54.0	-19.0	1.76 H	0	29.0	6.0

Remarks:

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

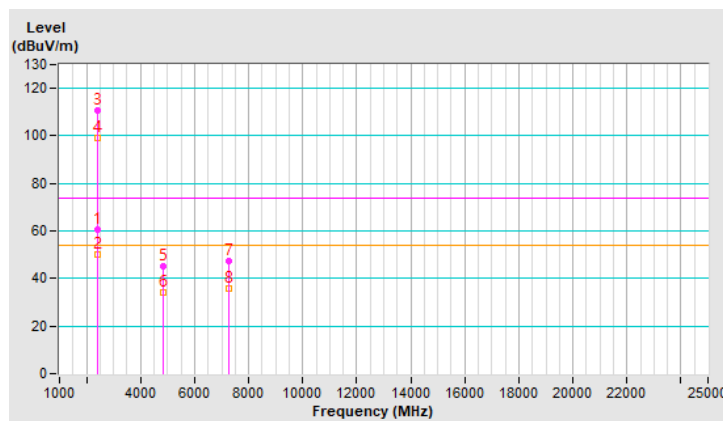


RF Mode	TX 802.11ax (HE40)	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	2388.70	60.7 PK	74.0	-13.3	1.84 V	27	65.2	-4.5
2	2388.70	50.2 AV	54.0	-3.8	1.84 V	27	54.7	-4.5
3	*2422.00	110.9 PK			1.84 V	27	115.4	-4.5
4	*2422.00	99.3 AV			1.84 V	27	103.8	-4.5
5	4844.00	45.0 PK	74.0	-29.0	2.02 V	186	45.3	-0.3
6	4844.00	33.9 AV	54.0	-20.1	2.02 V	186	34.2	-0.3
7	7266.00	47.1 PK	74.0	-26.9	2.05 V	77	41.1	6.0
8	7266.00	35.8 AV	54.0	-18.2	2.05 V	77	29.8	6.0

Remarks:

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

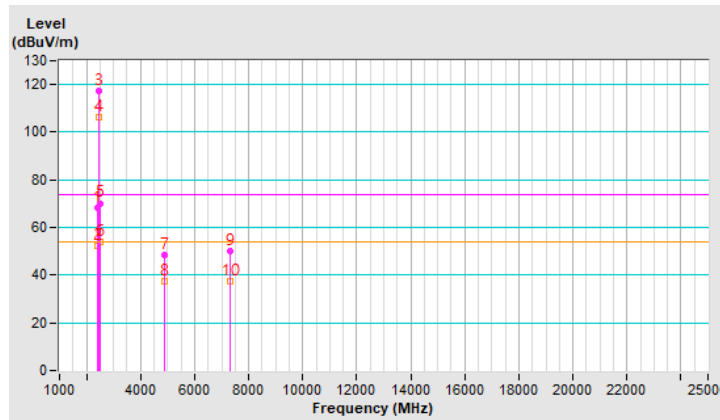


RF Mode	TX 802.11ax (HE40)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	68.5 PK	74.0	-5.5	2.90 H	63	73.0	-4.5
2	2390.00	52.2 AV	54.0	-1.8	2.90 H	63	56.7	-4.5
3	*2437.00	117.1 PK			2.90 H	63	121.6	-4.5
4	*2437.00	106.5 AV			2.90 H	63	111.0	-4.5
5	2483.50	70.2 PK	74.0	-3.8	2.90 H	63	74.7	-4.5
6	2483.50	53.8 AV	54.0	-0.2	2.90 H	63	58.3	-4.5
7	4874.00	48.2 PK	74.0	-25.8	2.10 H	104	48.4	-0.2
8	4874.00	37.4 AV	54.0	-16.6	2.10 H	104	37.6	-0.2
9	7311.00	49.9 PK	74.0	-24.1	1.72 H	13	43.8	6.1
10	7311.00	37.4 AV	54.0	-16.6	1.72 H	13	31.3	6.1

Remarks:

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

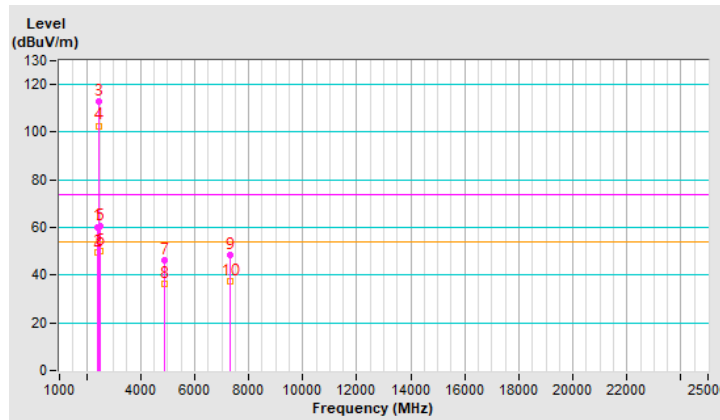


RF Mode	TX 802.11ax (HE40)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	60.3 PK	74.0	-13.7	1.97 V	34	64.8	-4.5
2	2390.00	49.5 AV	54.0	-4.5	1.97 V	34	54.0	-4.5
3	*2437.00	113.1 PK			1.97 V	34	117.6	-4.5
4	*2437.00	102.7 AV			1.97 V	34	107.2	-4.5
5	2483.50	60.6 PK	74.0	-13.4	1.97 V	34	65.1	-4.5
6	2483.50	50.1 AV	54.0	-3.9	1.97 V	34	54.6	-4.5
7	4874.00	46.3 PK	74.0	-27.7	2.04 V	159	46.5	-0.2
8	4874.00	36.2 AV	54.0	-17.8	2.04 V	159	36.4	-0.2
9	7311.00	48.7 PK	74.0	-25.3	1.99 V	70	42.6	6.1
10	7311.00	37.3 AV	54.0	-16.7	1.99 V	70	31.2	6.1

Remarks:

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

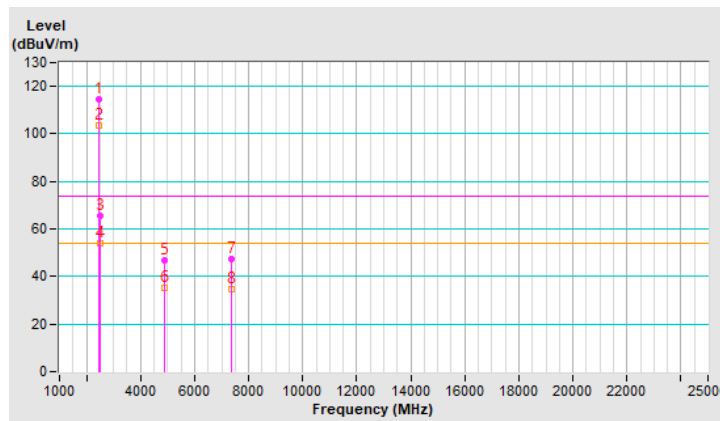


RF Mode	TX 802.11ax (HE40)	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	114.7 PK			2.72 H	51	119.2	-4.5
2	*2452.00	103.7 AV			2.72 H	51	108.2	-4.5
3	2485.10	65.5 PK	74.0	-8.5	2.72 H	51	70.0	-4.5
4	2485.10	53.9 AV	54.0	-0.1	2.72 H	51	58.4	-4.5
5	4904.00	46.6 PK	74.0	-27.4	2.07 H	105	46.7	-0.1
6	4904.00	35.2 AV	54.0	-18.8	2.07 H	105	35.3	-0.1
7	7356.00	47.6 PK	74.0	-26.4	1.77 H	2	41.4	6.2
8	7356.00	34.7 AV	54.0	-19.3	1.77 H	2	28.5	6.2

Remarks:

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

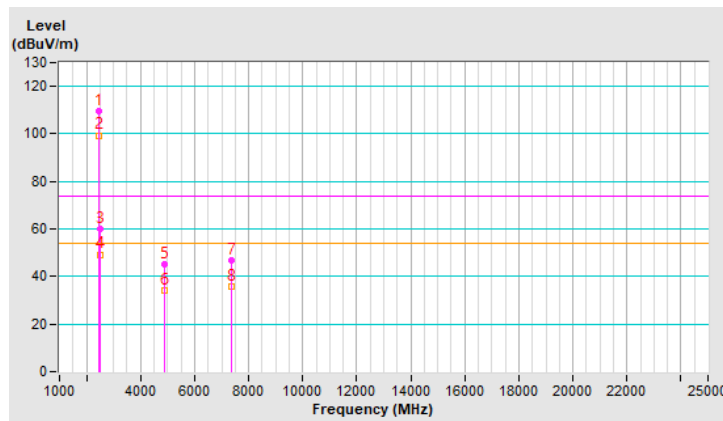


RF Mode	TX 802.11ax (HE40)	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	109.6 PK			1.97 V	24	114.1	-4.5
2	*2452.00	99.4 AV			1.97 V	24	103.9	-4.5
3	2484.30	60.1 PK	74.0	-13.9	1.97 V	24	64.6	-4.5
4	2484.30	49.3 AV	54.0	-4.7	1.97 V	24	53.8	-4.5
5	4904.00	45.4 PK	74.0	-28.6	2.07 V	174	45.5	-0.1
6	4904.00	34.3 AV	54.0	-19.7	2.07 V	174	34.4	-0.1
7	7356.00	46.8 PK	74.0	-27.2	1.99 V	80	40.6	6.2
8	7356.00	35.6 AV	54.0	-18.4	1.99 V	80	29.4	6.2

Remarks:

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

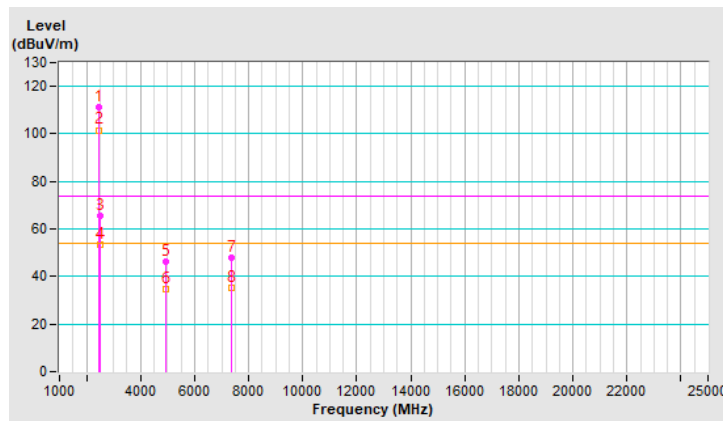


RF Mode	TX 802.11ax (HE40)	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	111.1 PK			2.84 H	62	115.6	-4.5
2	*2457.00	101.6 AV			2.84 H	62	106.1	-4.5
3	2483.50	65.7 PK	74.0	-8.3	2.84 H	62	70.2	-4.5
4	2483.50	53.5 AV	54.0	-0.5	2.84 H	62	58.0	-4.5
5	4914.00	46.3 PK	74.0	-27.7	2.11 H	118	46.4	-0.1
6	4914.00	34.8 AV	54.0	-19.2	2.11 H	118	34.9	-0.1
7	7371.00	47.9 PK	74.0	-26.1	1.81 H	14	41.6	6.3
8	7371.00	35.2 AV	54.0	-18.8	1.81 H	14	28.9	6.3

Remarks:

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

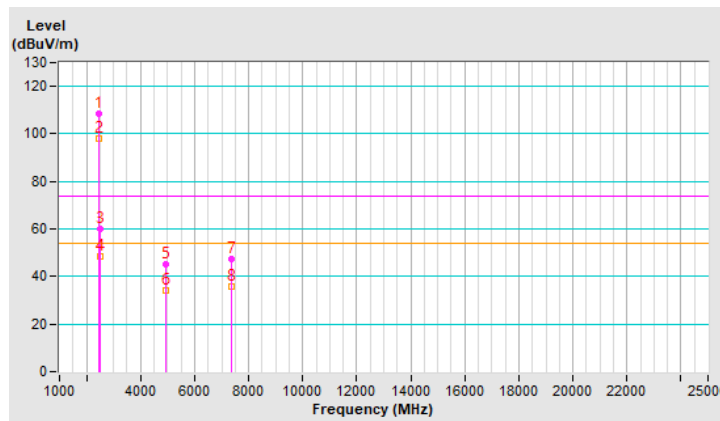


RF Mode	TX 802.11ax (HE40)	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	108.4 PK			2.04 V	21	112.9	-4.5
2	*2457.00	98.1 AV			2.04 V	21	102.6	-4.5
3	2484.40	59.8 PK	74.0	-14.2	2.04 V	21	64.3	-4.5
4	2484.40	48.7 AV	54.0	-5.3	2.04 V	21	53.2	-4.5
5	4914.00	45.1 PK	74.0	-28.9	2.07 V	184	45.2	-0.1
6	4914.00	34.1 AV	54.0	-19.9	2.07 V	184	34.2	-0.1
7	7371.00	47.4 PK	74.0	-26.6	2.03 V	67	41.1	6.3
8	7371.00	35.9 AV	54.0	-18.1	2.03 V	67	29.6	6.3

Remarks:

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

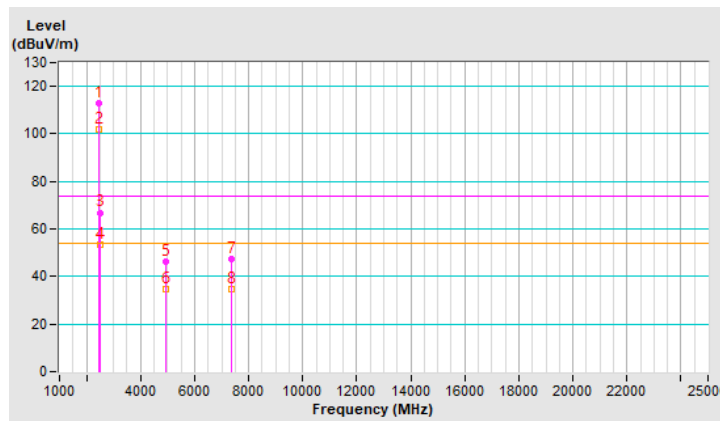


RF Mode	TX 802.11ax (HE40)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	112.7 PK			2.87 H	64	117.2	-4.5
2	*2462.00	101.9 AV			2.87 H	64	106.4	-4.5
3	2483.50	66.9 PK	74.0	-7.1	2.87 H	64	71.4	-4.5
4	2483.50	53.6 AV	54.0	-0.4	2.87 H	64	58.1	-4.5
5	4924.00	46.1 PK	74.0	-27.9	2.06 H	96	46.1	0.0
6	4924.00	34.7 AV	54.0	-19.3	2.06 H	96	34.7	0.0
7	7386.00	47.6 PK	74.0	-26.4	1.78 H	11	41.2	6.4
8	7386.00	34.8 AV	54.0	-19.2	1.78 H	11	28.4	6.4

Remarks:

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

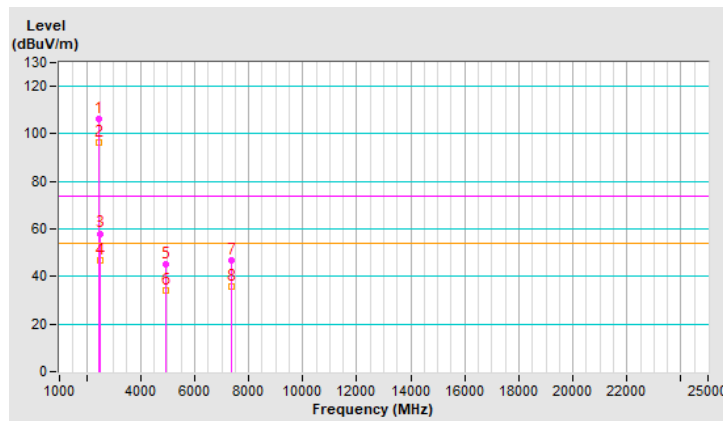


RF Mode	TX 802.11ax (HE40)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	106.3 PK			1.70 V	25	110.8	-4.5
2	*2462.00	96.4 AV			1.70 V	25	100.9	-4.5
3	2484.00	58.1 PK	74.0	-15.9	1.70 V	25	62.6	-4.5
4	2484.00	46.9 AV	54.0	-7.1	1.70 V	25	51.4	-4.5
5	4924.00	45.2 PK	74.0	-28.8	2.01 V	175	45.2	0.0
6	4924.00	33.9 AV	54.0	-20.1	2.01 V	175	33.9	0.0
7	7386.00	47.0 PK	74.0	-27.0	1.93 V	66	40.6	6.4
8	7386.00	35.6 AV	54.0	-18.4	1.93 V	66	29.2	6.4

Remarks:

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

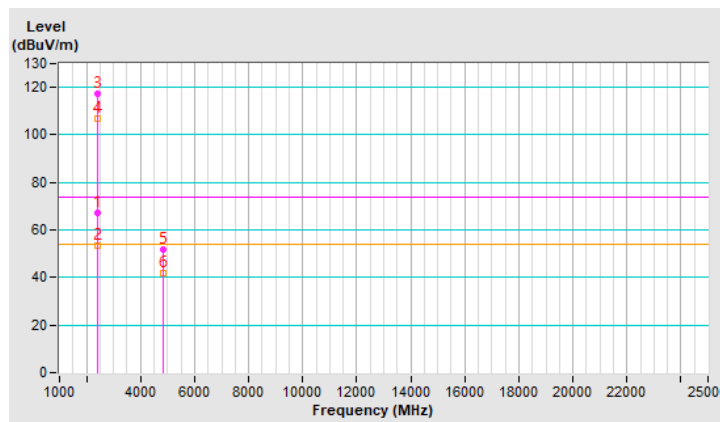


RF Mode	TX 802.11be (EHT20)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	67.1 PK	74.0	-6.9	2.74 H	62	71.6	-4.5
2	2390.00	53.5 AV	54.0	-0.5	2.74 H	62	58.0	-4.5
3	*2412.00	117.3 PK			2.74 H	62	121.8	-4.5
4	*2412.00	106.9 AV			2.74 H	62	111.4	-4.5
5	4824.00	51.9 PK	74.0	-22.1	2.20 H	78	52.1	-0.2
6	4824.00	41.9 AV	54.0	-12.1	2.20 H	78	42.1	-0.2

Remarks:

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

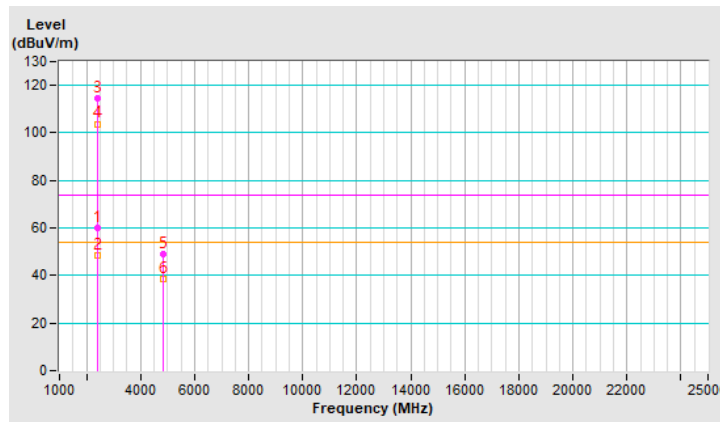


RF Mode	TX 802.11be (EHT20)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	2389.50	60.1 PK	74.0	-13.9	1.81 V	30	64.6	-4.5
2	2389.50	48.6 AV	54.0	-5.4	1.81 V	30	53.1	-4.5
3	*2412.00	114.6 PK			1.81 V	30	119.1	-4.5
4	*2412.00	103.8 AV			1.81 V	30	108.3	-4.5
5	4824.00	48.8 PK	74.0	-25.2	2.17 V	137	49.0	-0.2
6	4824.00	38.4 AV	54.0	-15.6	2.17 V	137	38.6	-0.2

Remarks:

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

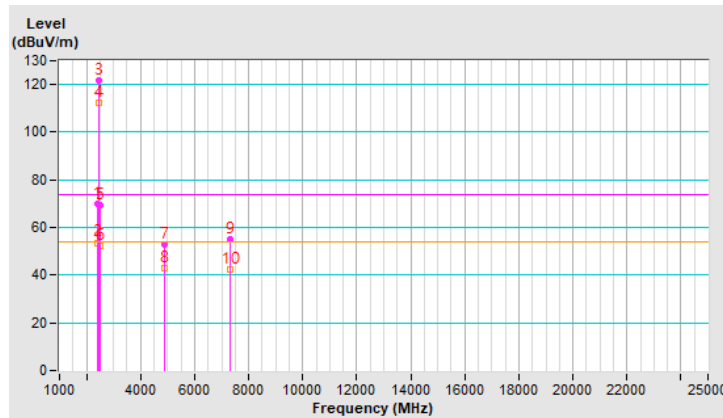


RF Mode	TX 802.11be (EHT20)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	69.9 PK	74.0	-4.1	2.89 H	64	74.4	-4.5
2	2390.00	53.7 AV	54.0	-0.3	2.89 H	64	58.2	-4.5
3	*2437.00	121.9 PK			2.89 H	64	126.4	-4.5
4	*2437.00	112.5 AV			2.89 H	64	117.0	-4.5
5	2483.50	69.2 PK	74.0	-4.8	2.89 H	64	73.7	-4.5
6	2483.50	52.4 AV	54.0	-1.6	2.89 H	64	56.9	-4.5
7	4874.00	53.0 PK	74.0	-21.0	1.99 H	107	53.2	-0.2
8	4874.00	42.9 AV	54.0	-11.1	1.99 H	107	43.1	-0.2
9	7311.00	55.1 PK	74.0	-18.9	1.87 H	41	49.0	6.1
10	7311.00	42.5 AV	54.0	-11.5	1.87 H	41	36.4	6.1

Remarks:

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

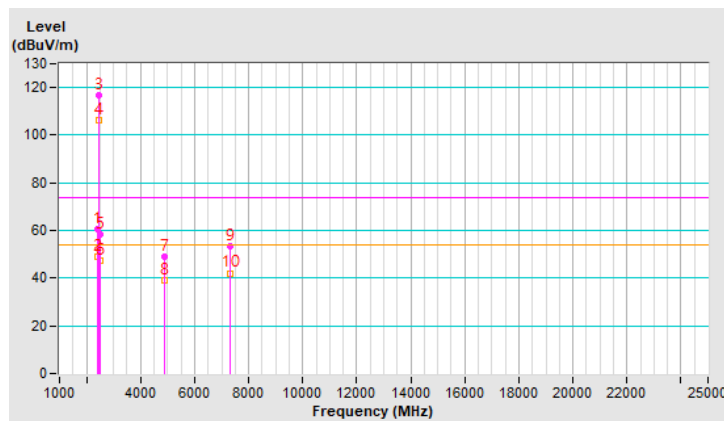


RF Mode	TX 802.11be (EHT20)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	60.7 PK	74.0	-13.3	1.97 V	16	65.2	-4.5
2	2390.00	48.9 AV	54.0	-5.1	1.97 V	16	53.4	-4.5
3	*2437.00	116.8 PK			1.97 V	16	121.3	-4.5
4	*2437.00	106.5 AV			1.97 V	16	111.0	-4.5
5	2483.50	58.2 PK	74.0	-15.8	1.97 V	16	62.7	-4.5
6	2483.50	47.1 AV	54.0	-6.9	1.97 V	16	51.6	-4.5
7	4874.00	49.0 PK	74.0	-25.0	2.19 V	155	49.2	-0.2
8	4874.00	38.9 AV	54.0	-15.1	2.19 V	155	39.1	-0.2
9	7311.00	53.3 PK	74.0	-20.7	2.02 V	84	47.2	6.1
10	7311.00	42.1 AV	54.0	-11.9	2.02 V	84	36.0	6.1

Remarks:

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

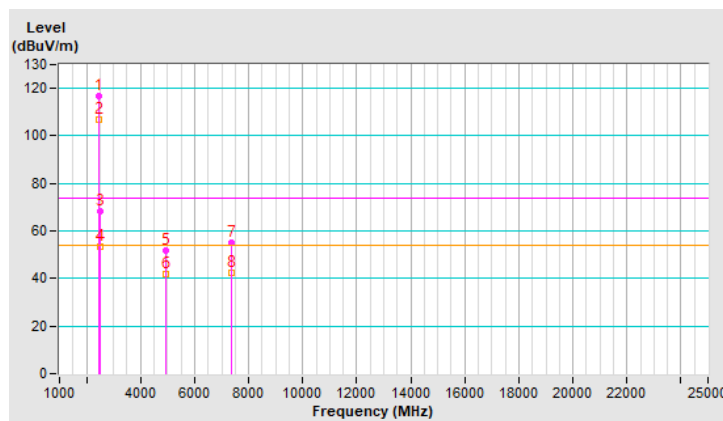


RF Mode	TX 802.11be (EHT20)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	117.0 PK			2.85 H	62	121.5	-4.5
2	*2462.00	106.6 AV			2.85 H	62	111.1	-4.5
3	2483.50	68.1 PK	74.0	-5.9	2.85 H	62	72.6	-4.5
4	2483.50	53.5 AV	54.0	-0.5	2.85 H	62	58.0	-4.5
5	4924.00	51.9 PK	74.0	-22.1	2.16 H	72	51.9	0.0
6	4924.00	41.9 AV	54.0	-12.1	2.16 H	72	41.9	0.0
7	7386.00	55.0 PK	74.0	-19.0	1.90 H	29	48.6	6.4
8	7386.00	42.2 AV	54.0	-11.8	1.90 H	29	35.8	6.4

Remarks:

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

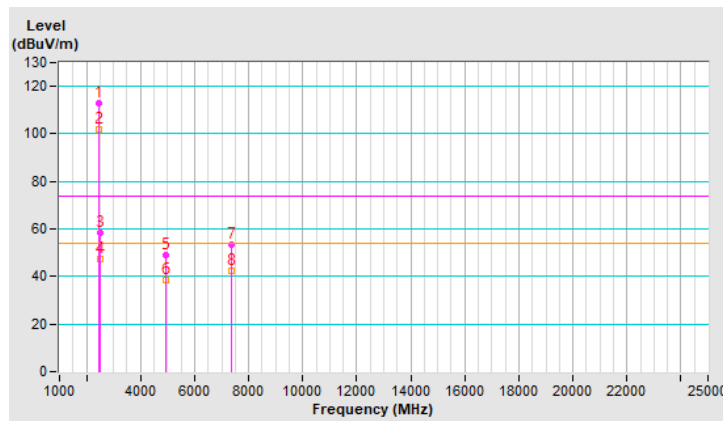


RF Mode	TX 802.11be (EHT20)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	112.7 PK			1.95 V	27	117.2	-4.5
2	*2462.00	102.0 AV			1.95 V	27	106.5	-4.5
3	2484.30	58.6 PK	74.0	-15.4	1.95 V	27	63.1	-4.5
4	2484.30	47.3 AV	54.0	-6.7	1.95 V	27	51.8	-4.5
5	4924.00	48.8 PK	74.0	-25.2	2.19 V	152	48.8	0.0
6	4924.00	38.6 AV	54.0	-15.4	2.19 V	152	38.6	0.0
7	7386.00	53.6 PK	74.0	-20.4	2.04 V	97	47.2	6.4
8	7386.00	42.5 AV	54.0	-11.5	2.04 V	97	36.1	6.4

Remarks:

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

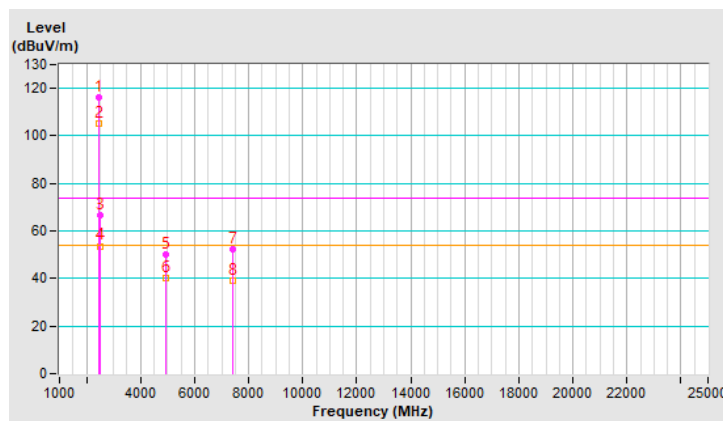


RF Mode	TX 802.11be (EHT20)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	116.4 PK			2.84 H	65	120.9	-4.5
2	*2467.00	105.0 AV			2.84 H	65	109.5	-4.5
3	2483.50	66.5 PK	74.0	-7.5	2.84 H	65	71.0	-4.5
4	2483.50	53.7 AV	54.0	-0.3	2.84 H	65	58.2	-4.5
5	4934.00	50.0 PK	74.0	-24.0	1.98 H	85	50.0	0.0
6	4934.00	40.1 AV	54.0	-13.9	1.98 H	85	40.1	0.0
7	7401.00	52.5 PK	74.0	-21.5	1.83 H	37	46.0	6.5
8	7401.00	39.1 AV	54.0	-14.9	1.83 H	37	32.6	6.5

Remarks:

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

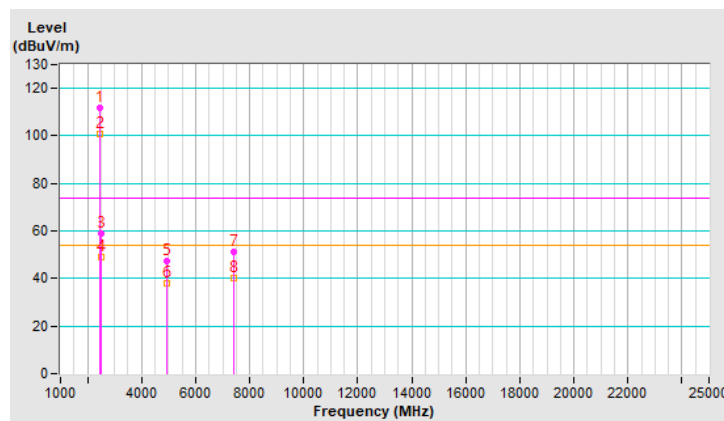


RF Mode	TX 802.11be (EHT20)	Channel	CH 12 : 2467 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	111.8 PK			1.67 V	29	116.3	-4.5
2	*2467.00	101.0 AV			1.67 V	29	105.5	-4.5
3	2483.80	59.1 PK	74.0	-14.9	1.67 V	29	63.6	-4.5
4	2483.80	49.2 AV	54.0	-4.8	1.67 V	29	53.7	-4.5
5	4934.00	47.5 PK	74.0	-26.5	2.06 V	162	47.5	0.0
6	4934.00	38.0 AV	54.0	-16.0	2.06 V	162	38.0	0.0
7	7401.00	51.4 PK	74.0	-22.6	2.04 V	109	44.9	6.5
8	7401.00	40.1 AV	54.0	-13.9	2.04 V	109	33.6	6.5

Remarks:

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

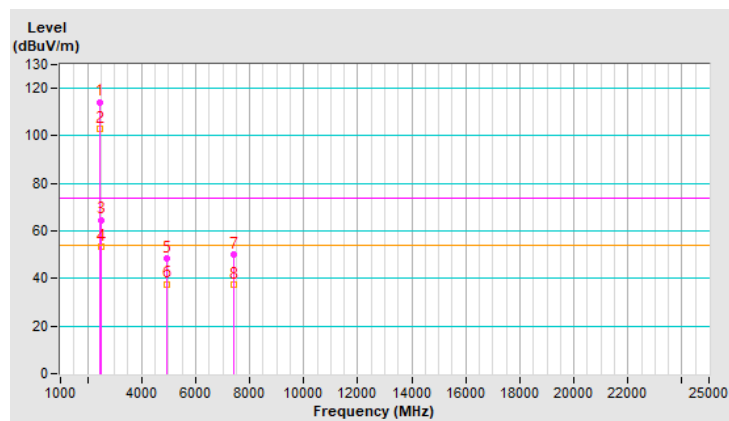


RF Mode	TX 802.11be (EHT20)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	114.3 PK			2.85 H	66	118.8	-4.5
2	*2472.00	103.2 AV			2.85 H	66	107.7	-4.5
3	2483.50	64.7 PK	74.0	-9.3	2.85 H	66	69.2	-4.5
4	2483.50	53.6 AV	54.0	-0.4	2.85 H	66	58.1	-4.5
5	4944.00	48.5 PK	74.0	-25.5	2.04 H	109	48.4	0.1
6	4944.00	37.7 AV	54.0	-16.3	2.04 H	109	37.6	0.1
7	7416.00	50.0 PK	74.0	-24.0	1.81 H	41	43.5	6.5
8	7416.00	37.4 AV	54.0	-16.6	1.81 H	41	30.9	6.5

Remarks:

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

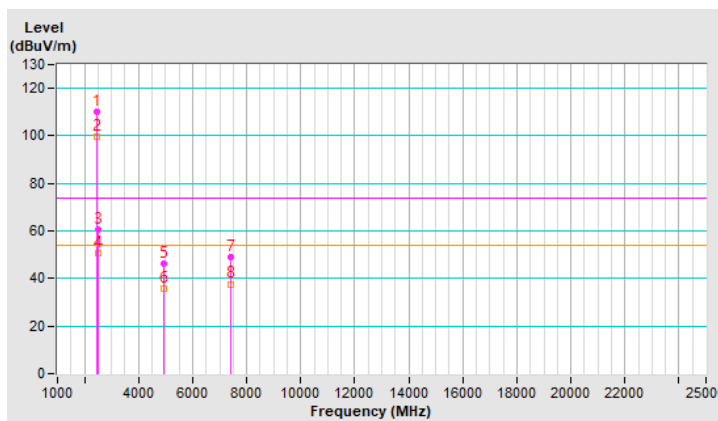


RF Mode	TX 802.11be (EHT20)	Channel	CH 13 : 2472 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	110.3 PK			1.67 V	26	114.8	-4.5
2	*2472.00	99.6 AV			1.67 V	26	104.1	-4.5
3	2483.50	60.8 PK	74.0	-13.2	1.67 V	26	65.3	-4.5
4	2483.50	50.6 AV	54.0	-3.4	1.67 V	26	55.1	-4.5
5	4944.00	46.0 PK	74.0	-28.0	2.13 V	161	45.9	0.1
6	4944.00	36.0 AV	54.0	-18.0	2.13 V	161	35.9	0.1
7	7416.00	48.9 PK	74.0	-25.1	1.94 V	82	42.4	6.5
8	7416.00	37.7 AV	54.0	-16.3	1.94 V	82	31.2	6.5

Remarks:

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

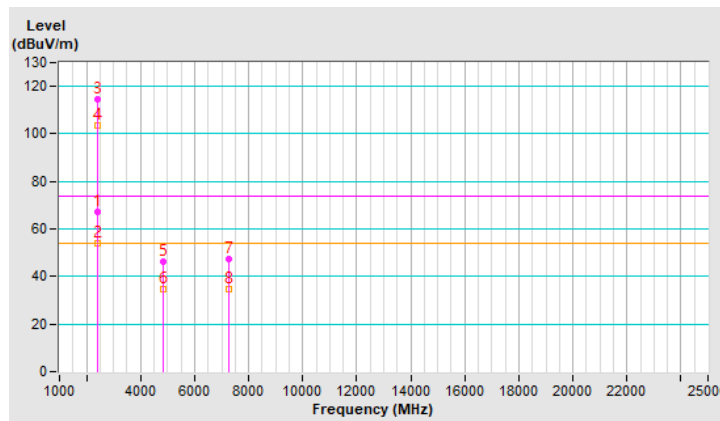


RF Mode	TX 802.11be (EHT40)	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	2387.90	67.3 PK	74.0	-6.7	2.94 H	61	71.8	-4.5
2	2387.90	53.9 AV	54.0	-0.1	2.94 H	61	58.4	-4.5
3	*2422.00	114.4 PK			2.94 H	61	118.9	-4.5
4	*2422.00	103.6 AV			2.94 H	61	108.1	-4.5
5	4844.00	46.4 PK	74.0	-27.6	2.02 H	100	46.7	-0.3
6	4844.00	34.8 AV	54.0	-19.2	2.02 H	100	35.1	-0.3
7	7266.00	47.5 PK	74.0	-26.5	1.72 H	13	41.5	6.0
8	7266.00	34.8 AV	54.0	-19.2	1.72 H	13	28.8	6.0

Remarks:

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

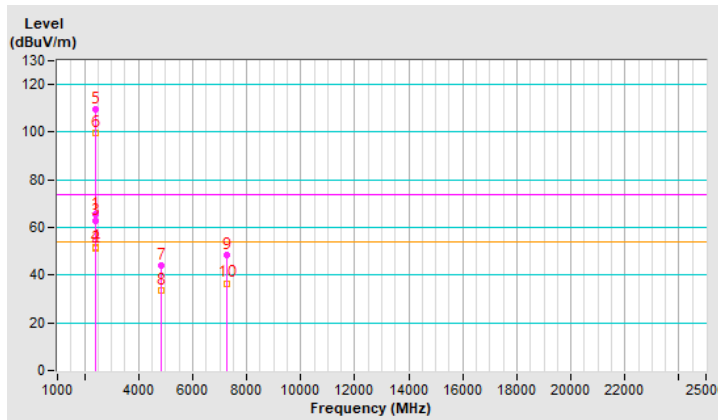


RF Mode	TX 802.11be (EHT40)	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	2386.30	65.7 PK	74.0	-8.3	1.83 V	27	70.2	-4.5
2	2386.30	51.3 AV	54.0	-2.7	1.83 V	27	55.8	-4.5
3	2389.20	63.0 PK	74.0	-11.0	1.83 V	27	67.5	-4.5
4	2389.20	51.6 AV	54.0	-2.4	1.83 V	27	56.1	-4.5
5	*2422.00	109.8 PK			1.83 V	27	114.3	-4.5
6	*2422.00	99.8 AV			1.83 V	27	104.3	-4.5
7	4844.00	44.3 PK	74.0	-29.7	2.03 V	156	44.6	-0.3
8	4844.00	33.4 AV	54.0	-20.6	2.03 V	156	33.7	-0.3
9	7266.00	48.4 PK	74.0	-25.6	2.06 V	77	42.4	6.0
10	7266.00	36.6 AV	54.0	-17.4	2.06 V	77	30.6	6.0

Remarks:

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

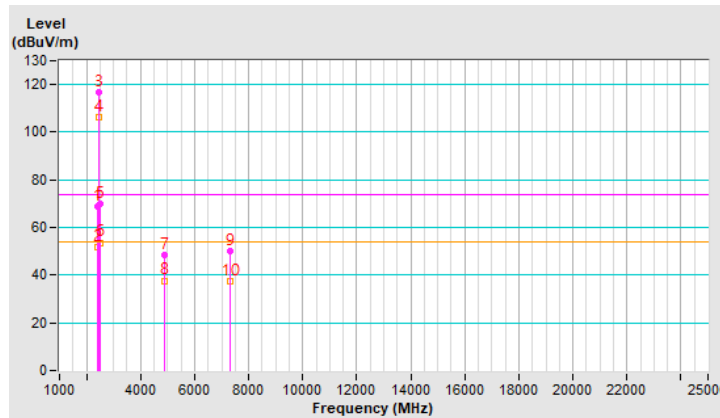


RF Mode	TX 802.11be (EHT40)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	68.8 PK	74.0	-5.2	2.91 H	63	73.3	-4.5
2	2390.00	51.9 AV	54.0	-2.1	2.91 H	63	56.4	-4.5
3	*2437.00	116.8 PK			2.91 H	63	121.3	-4.5
4	*2437.00	106.5 AV			2.91 H	63	111.0	-4.5
5	2483.50	69.7 PK	74.0	-4.3	2.91 H	63	74.2	-4.5
6	2483.50	53.7 AV	54.0	-0.3	2.91 H	63	58.2	-4.5
7	4874.00	48.3 PK	74.0	-25.7	2.12 H	119	48.5	-0.2
8	4874.00	37.7 AV	54.0	-16.3	2.12 H	119	37.9	-0.2
9	7311.00	50.2 PK	74.0	-23.8	1.76 H	10	44.1	6.1
10	7311.00	37.6 AV	54.0	-16.4	1.76 H	10	31.5	6.1

Remarks:

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

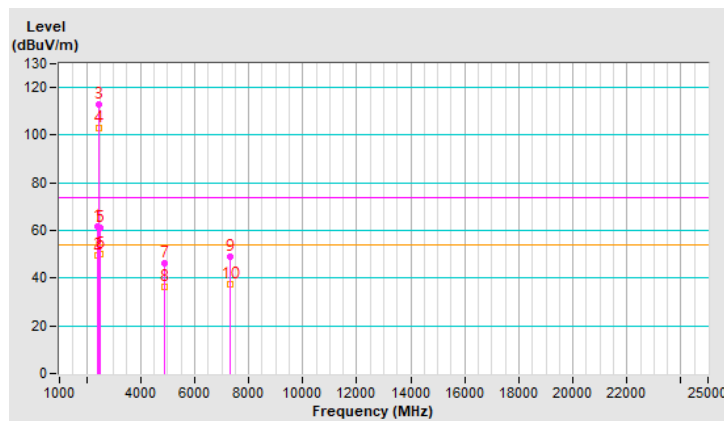


RF Mode	TX 802.11be (EHT40)	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	61.6 PK	74.0	-12.4	1.85 V	42	66.1	-4.5
2	2390.00	49.4 AV	54.0	-4.6	1.85 V	42	53.9	-4.5
3	*2437.00	112.9 PK			1.85 V	42	117.4	-4.5
4	*2437.00	103.1 AV			1.85 V	42	107.6	-4.5
5	2483.50	60.9 PK	74.0	-13.1	1.85 V	42	65.4	-4.5
6	2483.50	50.3 AV	54.0	-3.7	1.85 V	42	54.8	-4.5
7	4874.00	46.3 PK	74.0	-27.7	2.06 V	149	46.5	-0.2
8	4874.00	36.4 AV	54.0	-17.6	2.06 V	149	36.6	-0.2
9	7311.00	48.9 PK	74.0	-25.1	1.97 V	59	42.8	6.1
10	7311.00	37.6 AV	54.0	-16.4	1.97 V	59	31.5	6.1

Remarks:

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

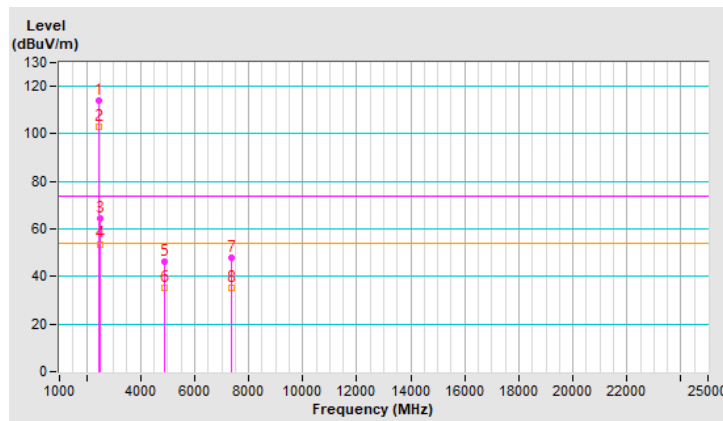


RF Mode	TX 802.11be (EHT40)	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	113.9 PK			2.89 H	64	118.4	-4.5
2	*2452.00	103.2 AV			2.89 H	64	107.7	-4.5
3	2483.80	64.2 PK	74.0	-9.8	2.89 H	64	68.7	-4.5
4	2483.80	53.7 AV	54.0	-0.3	2.89 H	64	58.2	-4.5
5	4904.00	46.1 PK	74.0	-27.9	2.09 H	100	46.2	-0.1
6	4904.00	35.0 AV	54.0	-19.0	2.09 H	100	35.1	-0.1
7	7356.00	47.9 PK	74.0	-26.1	1.82 H	0	41.7	6.2
8	7356.00	35.0 AV	54.0	-19.0	1.82 H	0	28.8	6.2

Remarks:

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

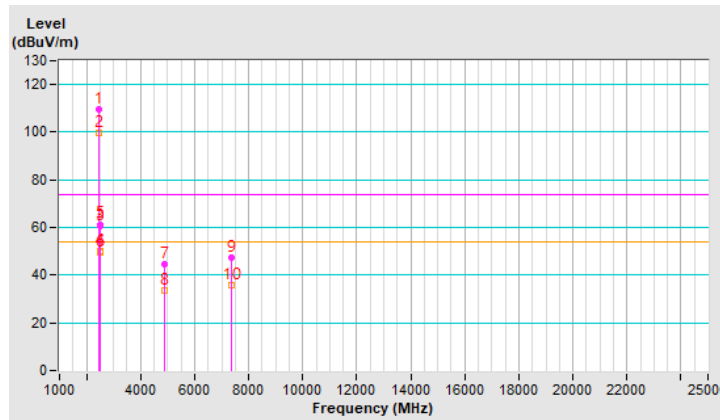


RF Mode	TX 802.11be (EHT40)	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	109.8 PK			1.98 V	29	114.3	-4.5
2	*2452.00	99.6 AV			1.98 V	29	104.1	-4.5
3	2483.80	60.7 PK	74.0	-13.3	1.98 V	29	65.2	-4.5
4	2483.80	50.2 AV	54.0	-3.8	1.98 V	29	54.7	-4.5
5	2486.40	61.4 PK	74.0	-12.6	1.98 V	29	65.9	-4.5
6	2486.40	49.4 AV	54.0	-4.6	1.98 V	29	53.9	-4.5
7	4904.00	44.5 PK	74.0	-29.5	2.02 V	176	44.6	-0.1
8	4904.00	33.8 AV	54.0	-20.2	2.02 V	176	33.9	-0.1
9	7356.00	47.6 PK	74.0	-26.4	1.98 V	79	41.4	6.2
10	7356.00	36.0 AV	54.0	-18.0	1.98 V	79	29.8	6.2

Remarks:

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

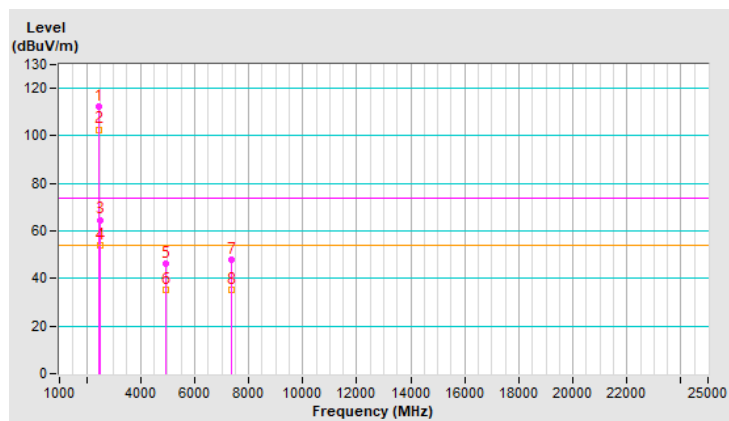


RF Mode	TX 802.11be (EHT40)	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	112.5 PK			2.84 H	66	117.0	-4.5
2	*2457.00	102.7 AV			2.84 H	66	107.2	-4.5
3	2484.60	64.7 PK	74.0	-9.3	2.84 H	66	69.2	-4.5
4	2484.60	53.8 AV	54.0	-0.2	2.84 H	66	58.3	-4.5
5	4914.00	46.4 PK	74.0	-27.6	2.10 H	104	46.5	-0.1
6	4914.00	35.3 AV	54.0	-18.7	2.10 H	104	35.4	-0.1
7	7371.00	48.1 PK	74.0	-25.9	1.82 H	3	41.8	6.3
8	7371.00	35.1 AV	54.0	-18.9	1.82 H	3	28.8	6.3

Remarks:

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

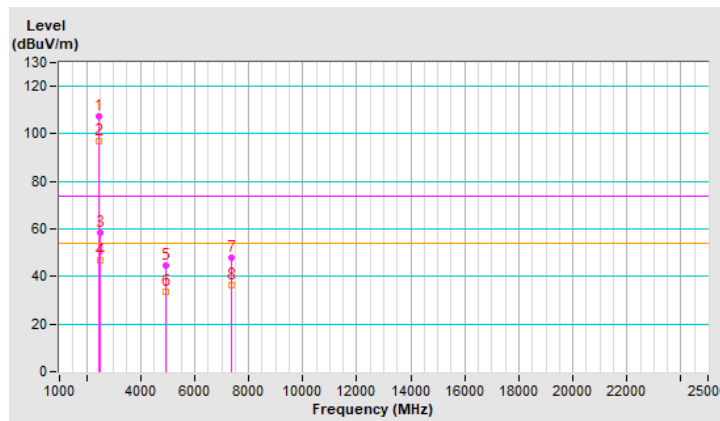


RF Mode	TX 802.11be (EHT40)	Channel	CH 10 : 2457 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	107.4 PK			1.95 V	28	111.9	-4.5
2	*2457.00	97.1 AV			1.95 V	28	101.6	-4.5
3	2484.60	58.6 PK	74.0	-15.4	1.95 V	28	63.1	-4.5
4	2484.60	47.0 AV	54.0	-7.0	1.95 V	28	51.5	-4.5
5	4914.00	44.6 PK	74.0	-29.4	2.06 V	169	44.7	-0.1
6	4914.00	33.6 AV	54.0	-20.4	2.06 V	169	33.7	-0.1
7	7371.00	48.0 PK	74.0	-26.0	2.05 V	73	41.7	6.3
8	7371.00	36.2 AV	54.0	-17.8	2.05 V	73	29.9	6.3

Remarks:

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

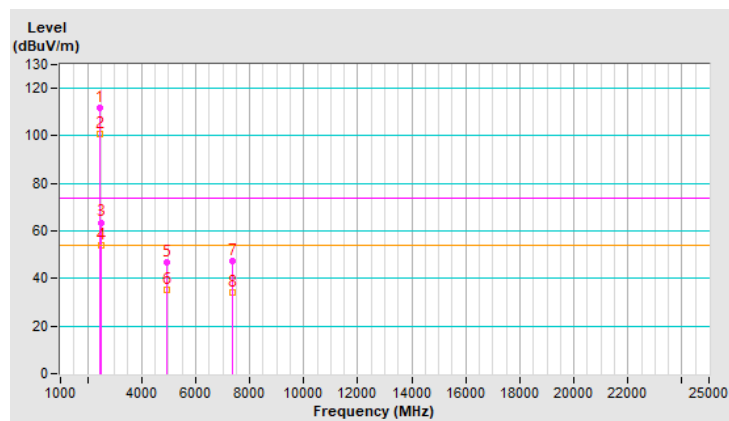


RF Mode	TX 802.11be (EHT40)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

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	111.7 PK			2.85 H	66	116.2	-4.5
2	*2462.00	101.0 AV			2.85 H	66	105.5	-4.5
3	2484.00	63.6 PK	74.0	-10.4	2.85 H	66	68.1	-4.5
4	2484.00	53.9 AV	54.0	-0.1	2.85 H	66	58.4	-4.5
5	4924.00	46.8 PK	74.0	-27.2	2.12 H	113	46.8	0.0
6	4924.00	35.4 AV	54.0	-18.6	2.12 H	113	35.4	0.0
7	7386.00	47.2 PK	74.0	-26.8	1.71 H	0	40.8	6.4
8	7386.00	34.2 AV	54.0	-19.8	1.71 H	0	27.8	6.4

Remarks:

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

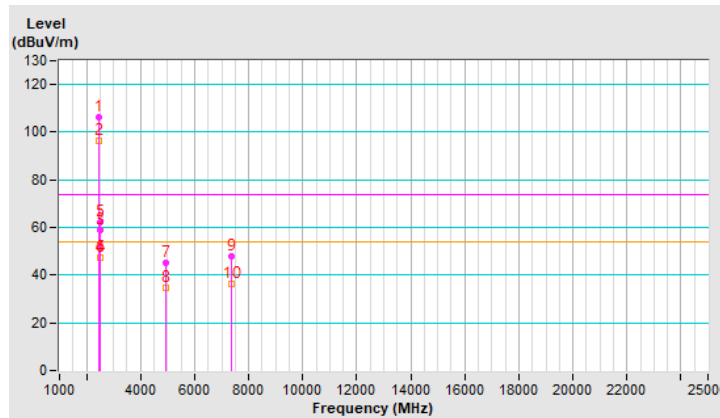


RF Mode	TX 802.11be (EHT40)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 300 Hz
Input Power (System)	120 Vac, 60Hz	Environmental Conditions	26°C, 68% RH
Tested By	Tom Yang		

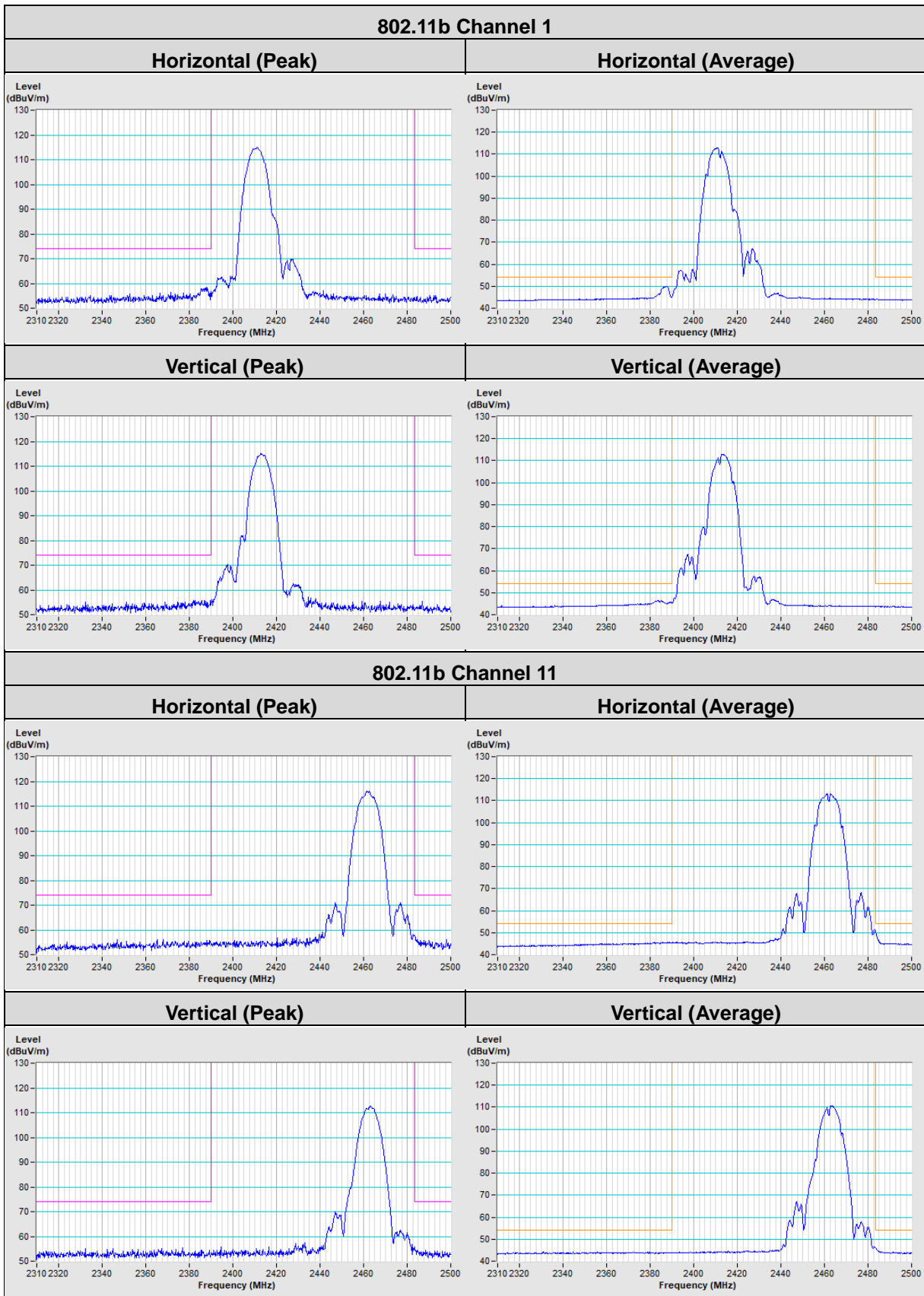
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	106.5 PK			1.63 V	26	111.0	-4.5
2	*2462.00	96.3 AV			1.63 V	26	100.8	-4.5
3	2484.00	58.8 PK	74.0	-15.2	1.63 V	26	63.3	-4.5
4	2484.00	47.5 AV	54.0	-6.5	1.63 V	26	52.0	-4.5
5	2486.60	62.0 PK	74.0	-12.0	1.63 V	26	66.5	-4.5
6	2486.60	47.2 AV	54.0	-6.8	1.63 V	26	51.7	-4.5
7	4924.00	45.2 PK	74.0	-28.8	2.05 V	182	45.2	0.0
8	4924.00	34.5 AV	54.0	-19.5	2.05 V	182	34.5	0.0
9	7386.00	47.7 PK	74.0	-26.3	1.99 V	65	41.3	6.4
10	7386.00	36.1 AV	54.0	-17.9	1.99 V	65	29.7	6.4

Remarks:

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

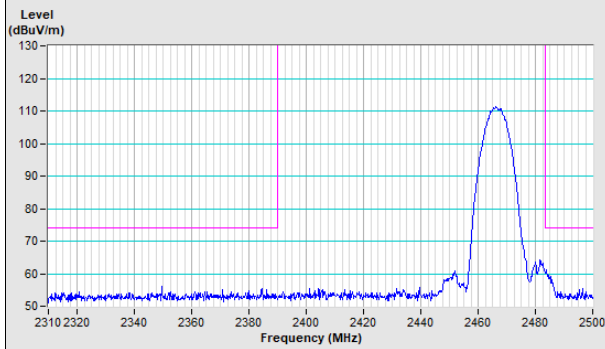


Plot of Band Edge

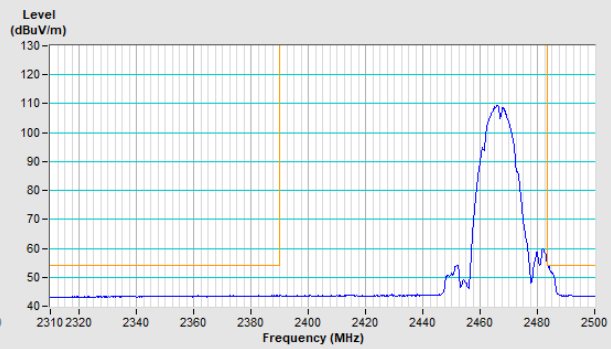


802.11b Channel 12

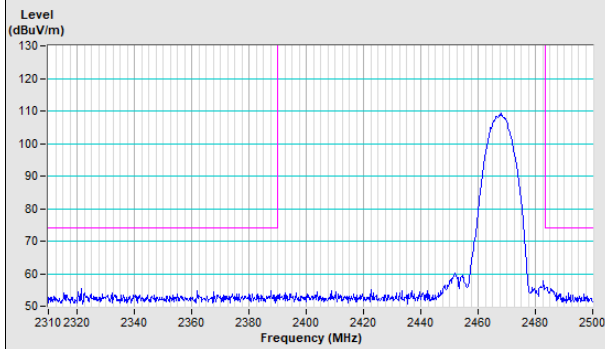
Horizontal (Peak)



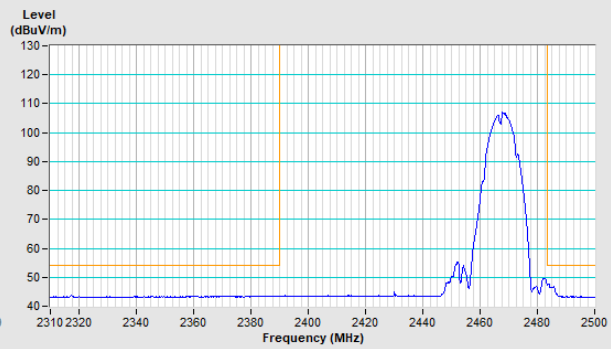
Horizontal (Average)



Vertical (Peak)

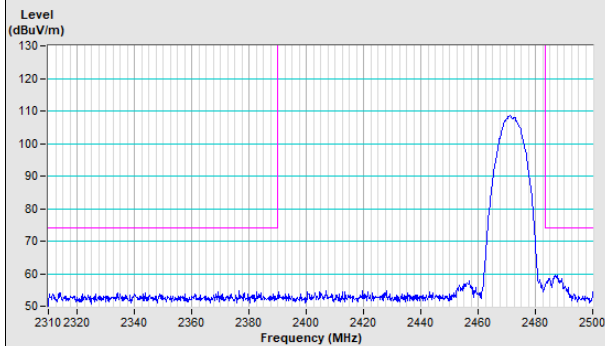


Vertical (Average)

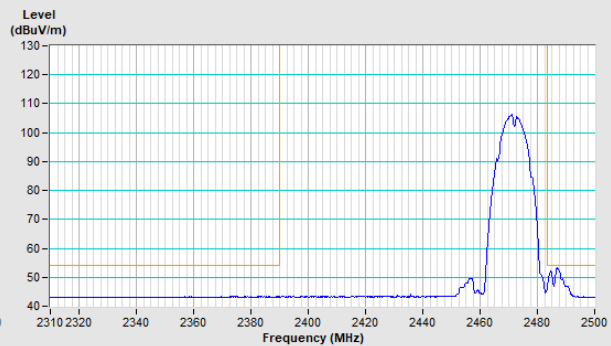


802.11b Channel 13

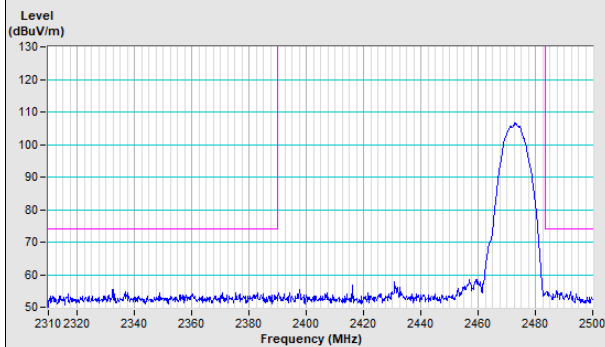
Horizontal (Peak)



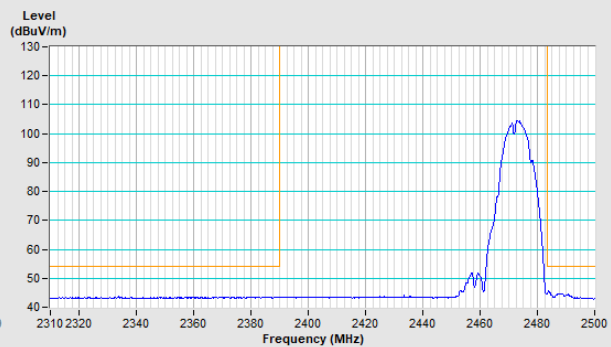
Horizontal (Average)



Vertical (Peak)

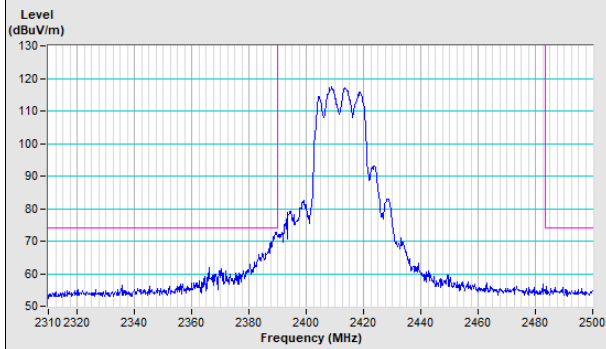


Vertical (Average)

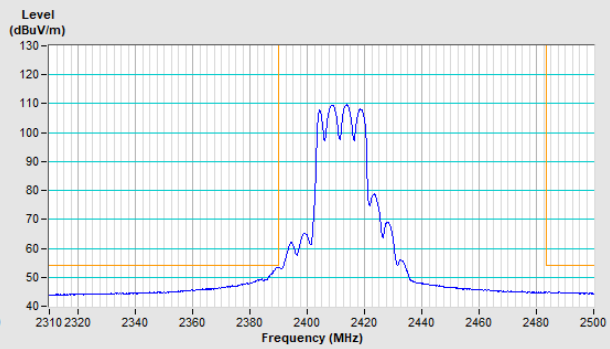


802.11g Channel 1

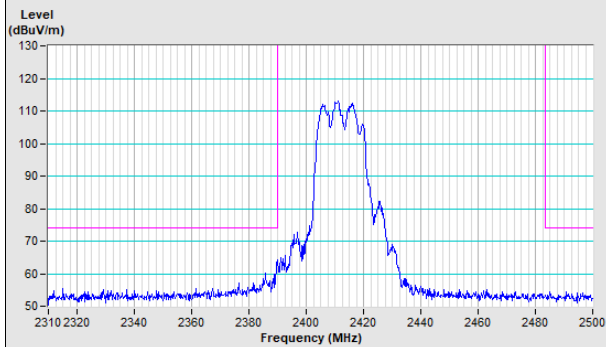
Horizontal (Peak)



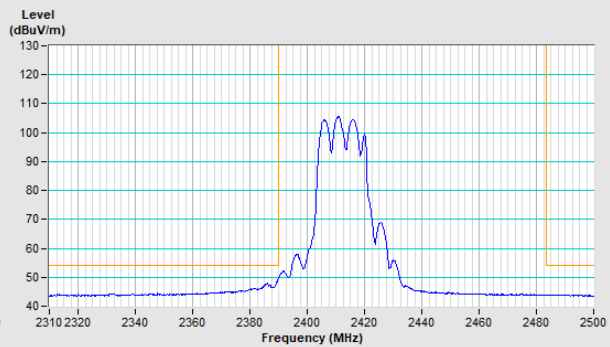
Horizontal (Average)



Vertical (Peak)

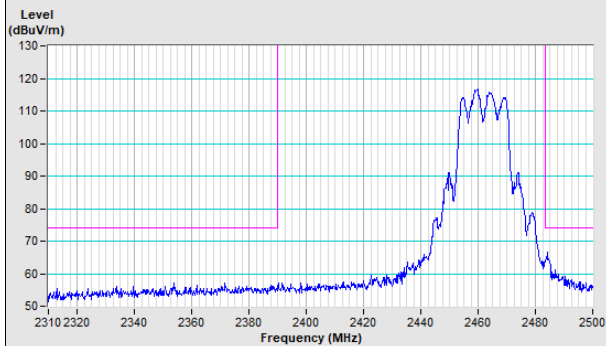


Vertical (Average)

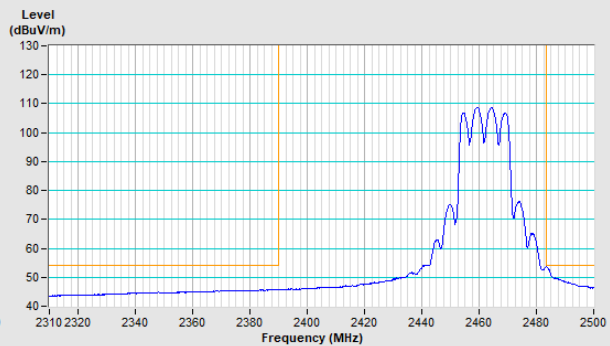


802.11g Channel 11

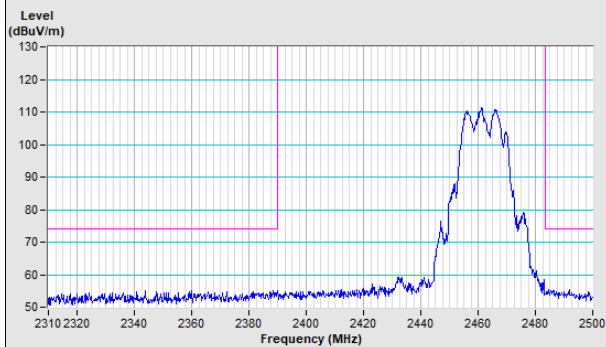
Horizontal (Peak)



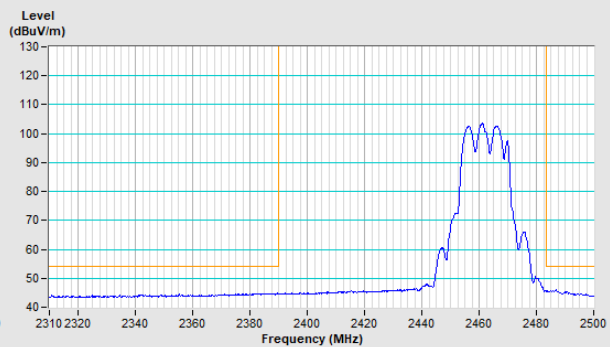
Horizontal (Average)



Vertical (Peak)

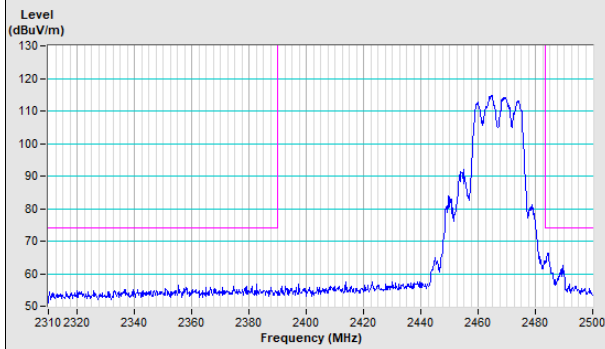


Vertical (Average)

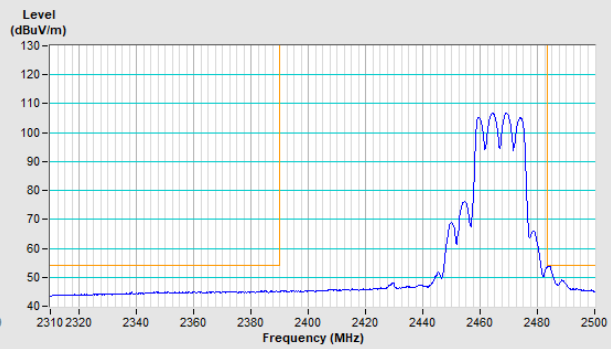


802.11g Channel 12

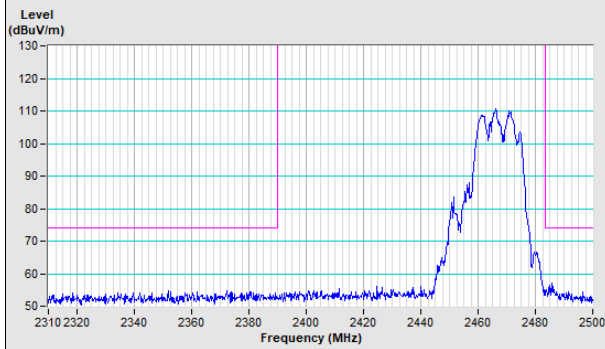
Horizontal (Peak)



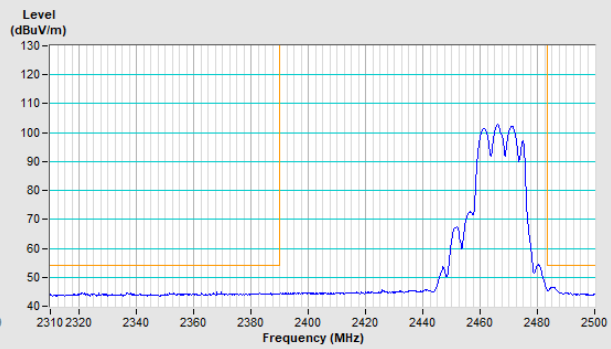
Horizontal (Average)



Vertical (Peak)

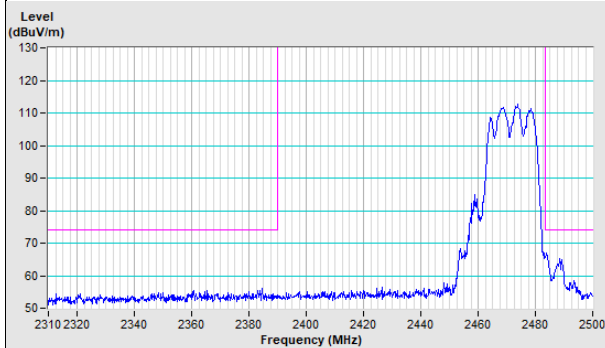


Vertical (Average)

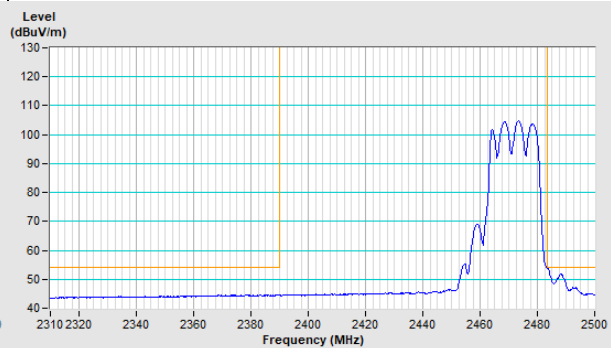


802.11g Channel 13

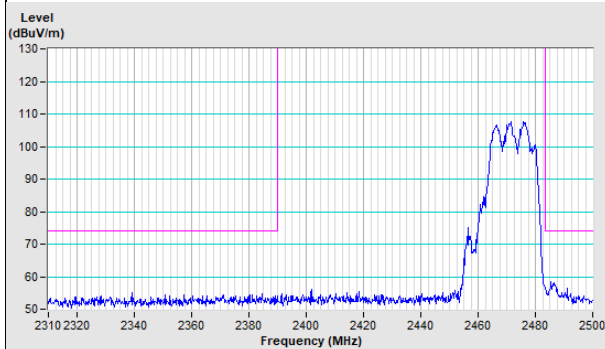
Horizontal (Peak)



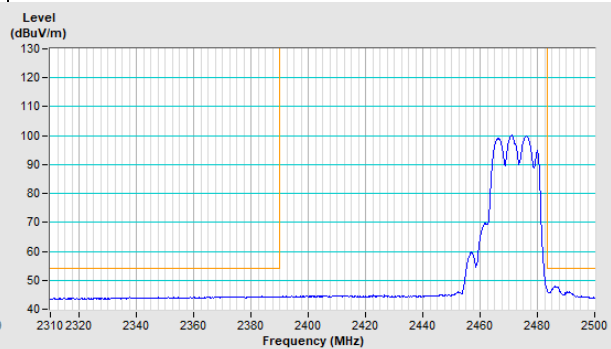
Horizontal (Average)



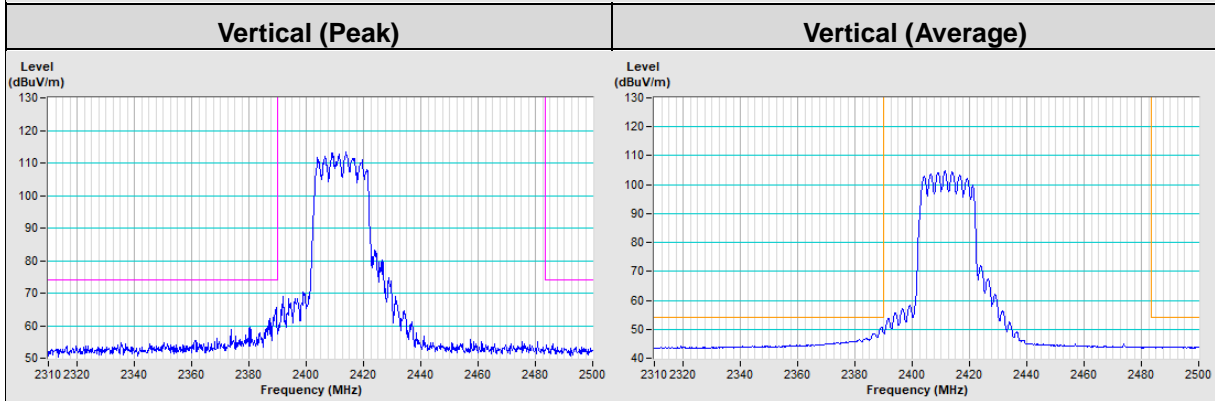
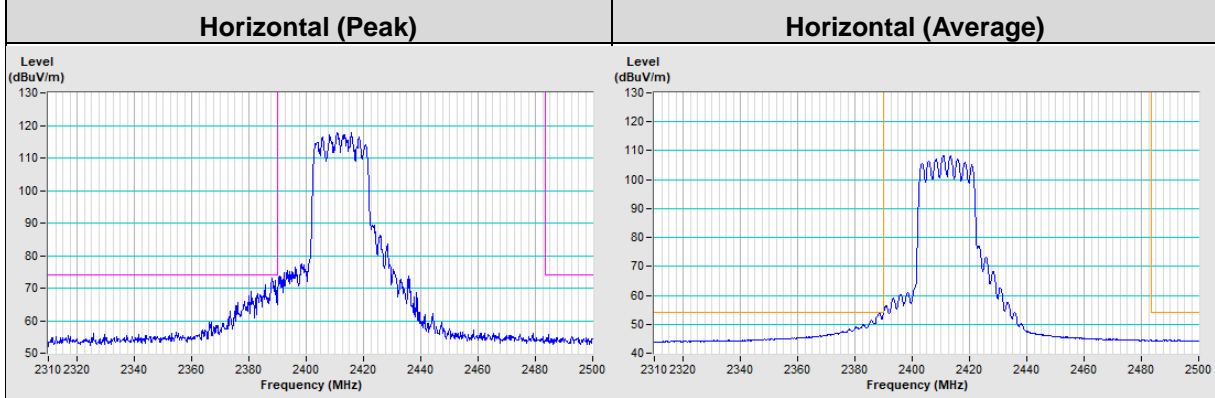
Vertical (Peak)



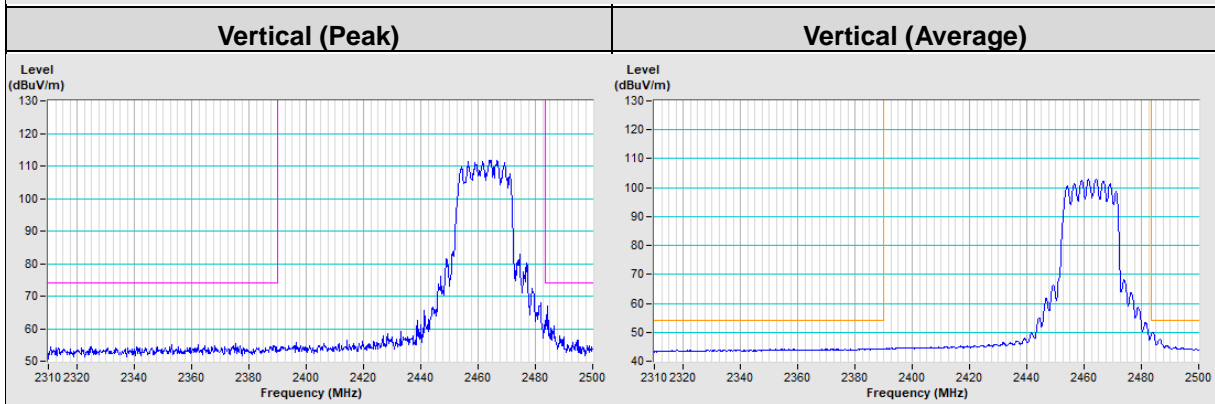
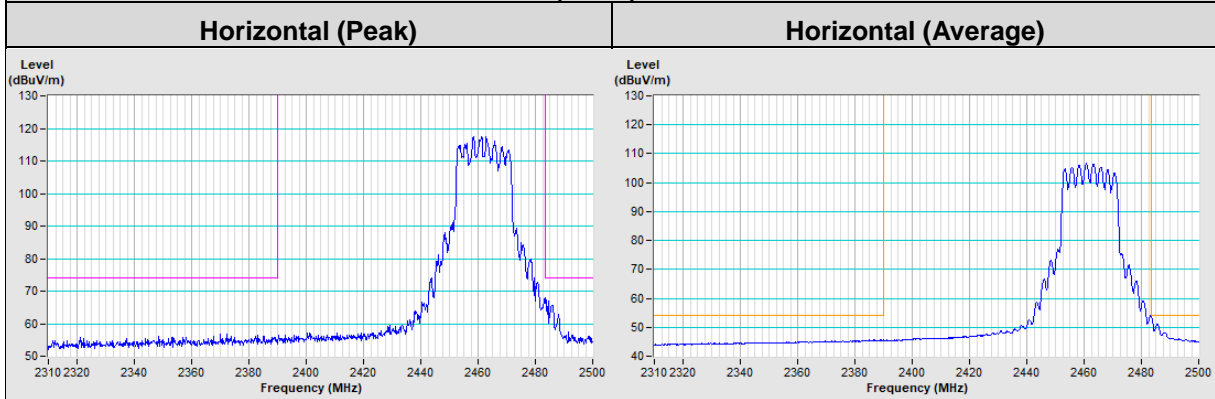
Vertical (Average)



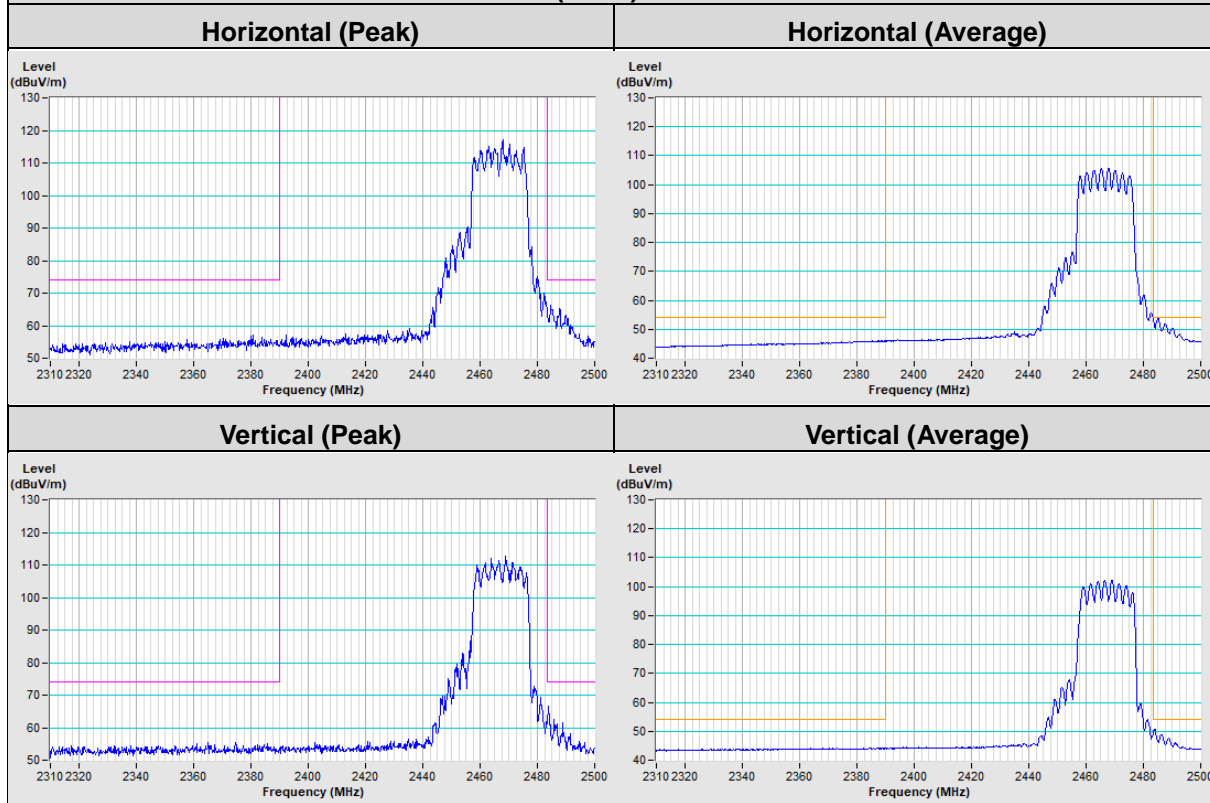
802.11ax (HE20) Channel 1



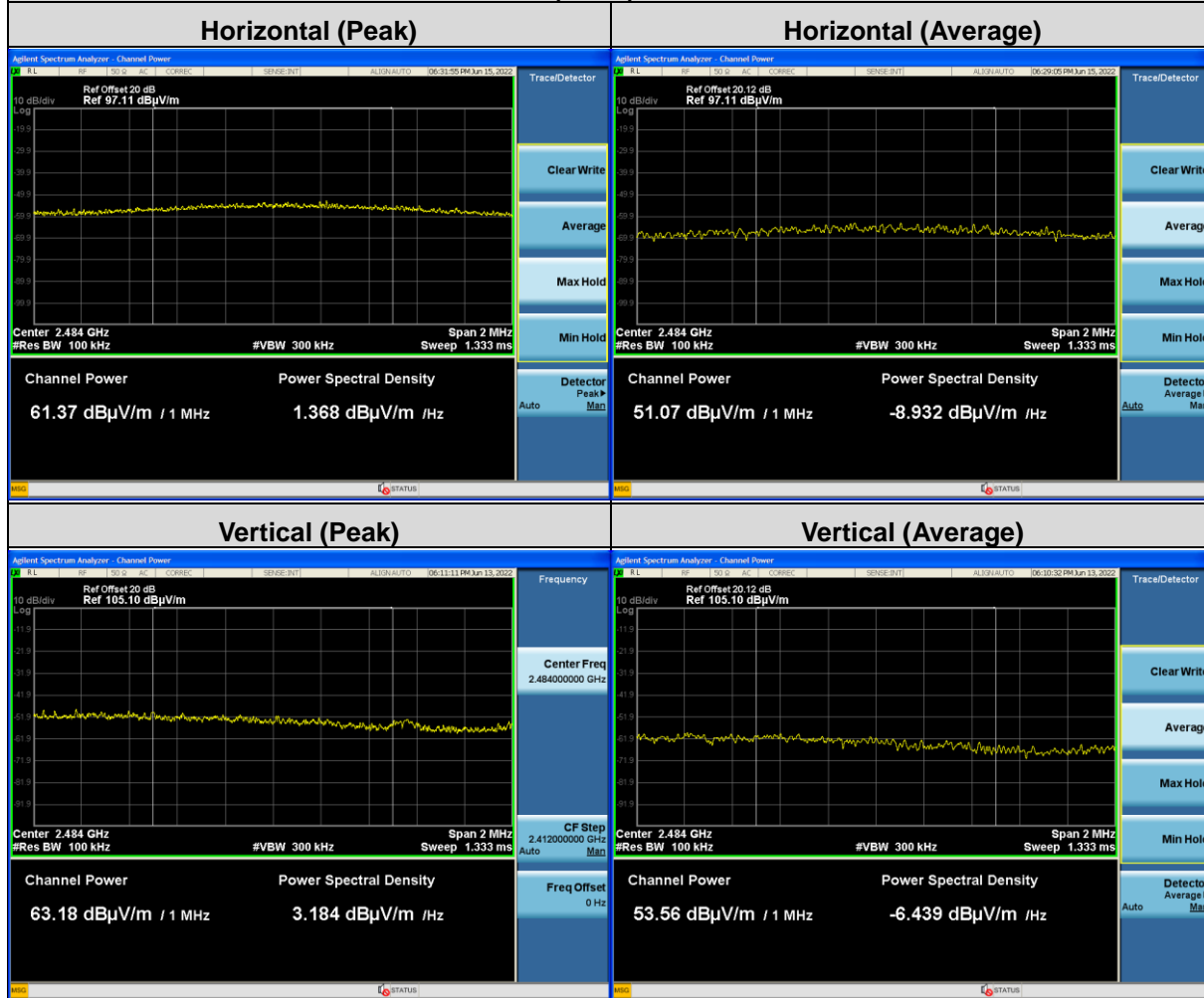
802.11ax (HE20) Channel 11



802.11ax (HE20) Channel 12

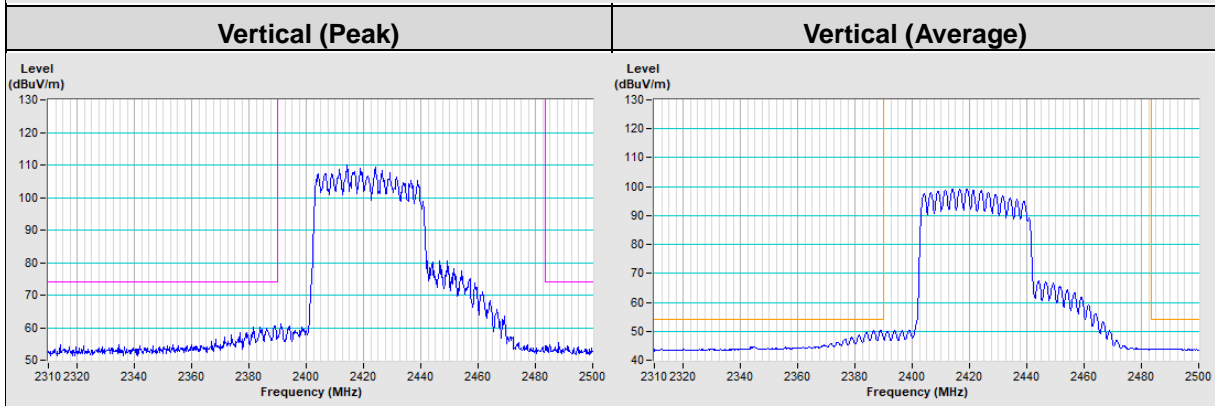
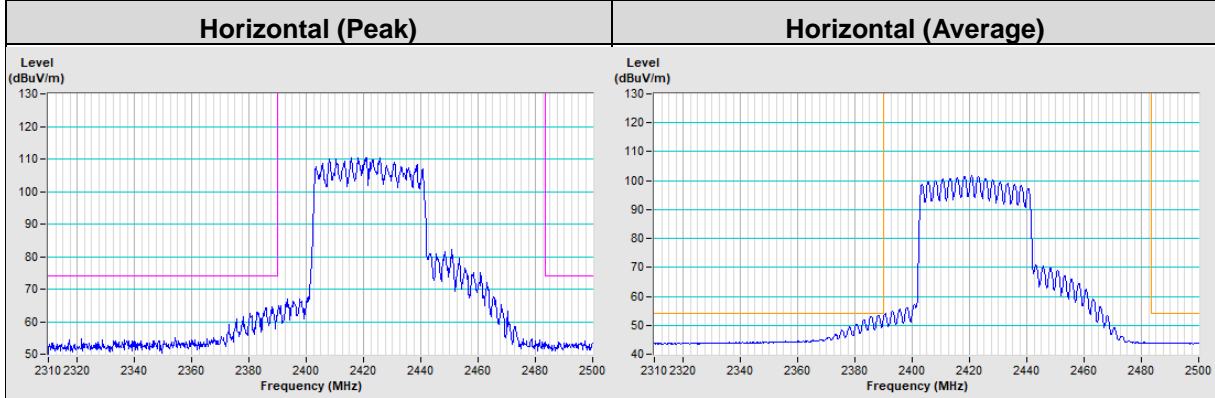


802.11ax (HE20) Channel 13

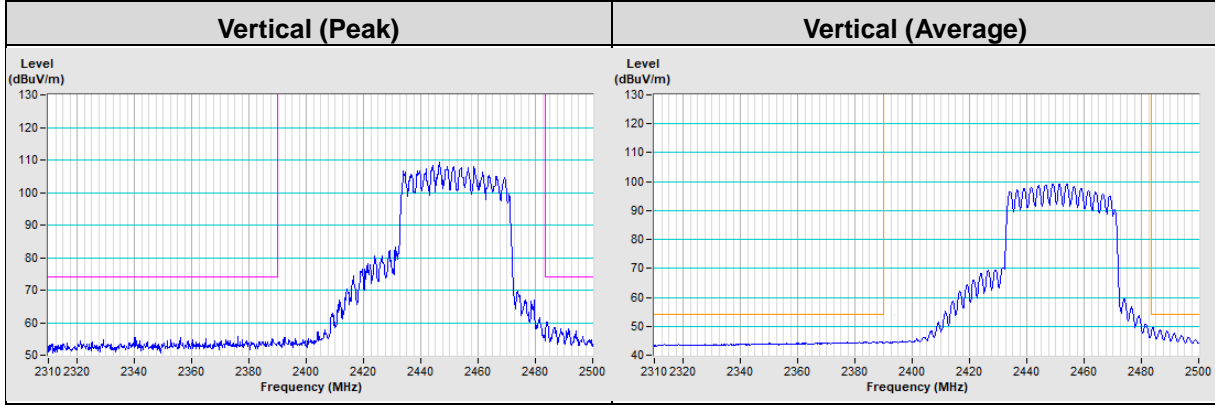
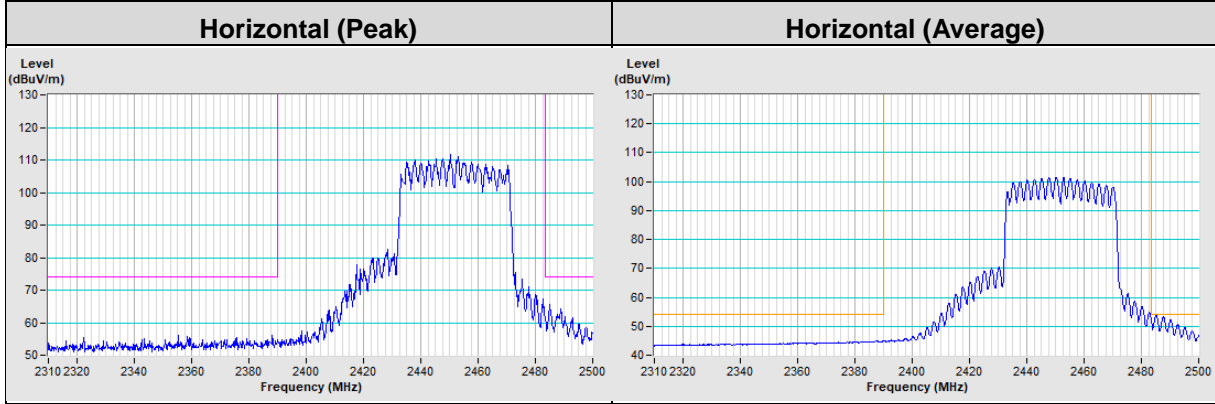




802.11ax (HE40) Channel 3

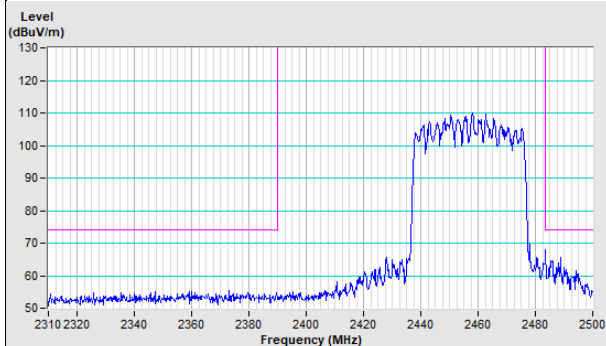


802.11ax (HE40) Channel 9

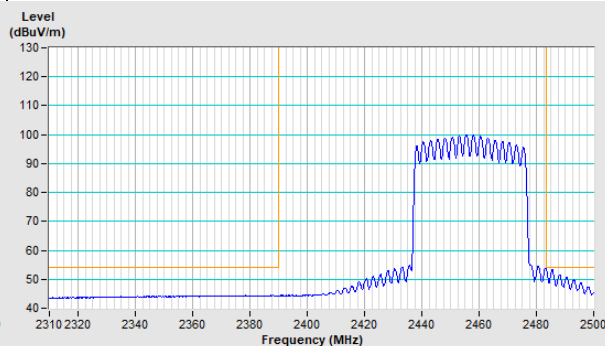


802.11ax (HE40) Channel 10

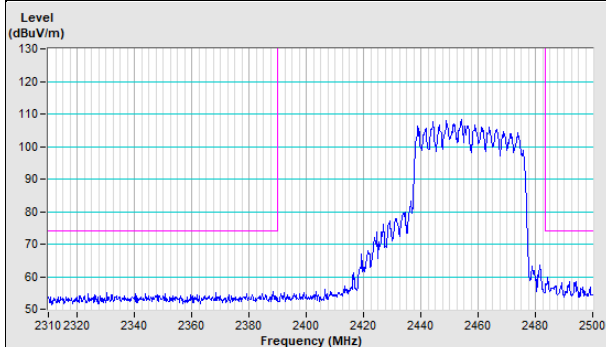
Horizontal (Peak)



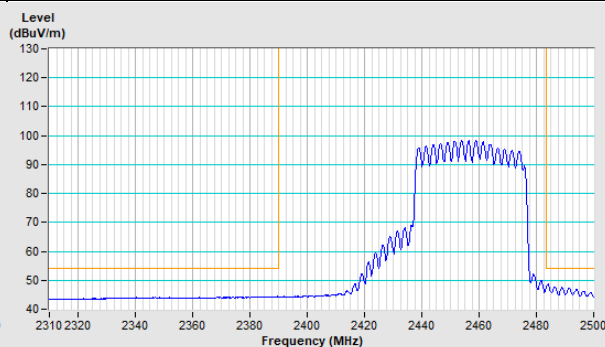
Horizontal (Average)



Vertical (Peak)

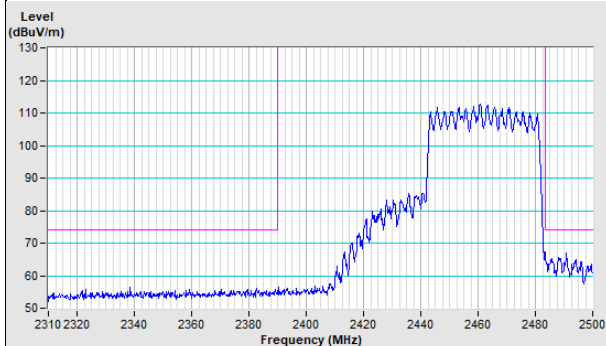


Vertical (Average)

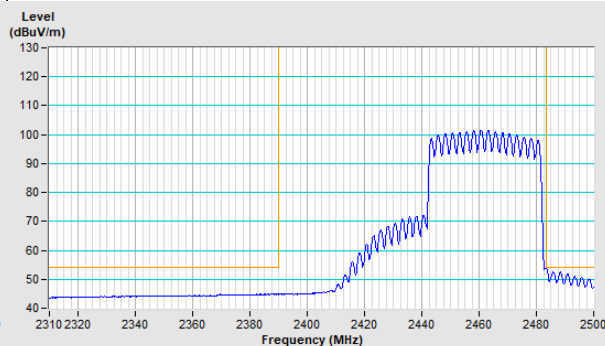


802.11ax (HE40) Channel 11

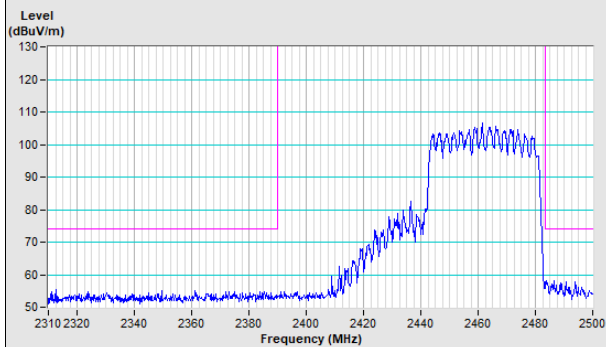
Horizontal (Peak)



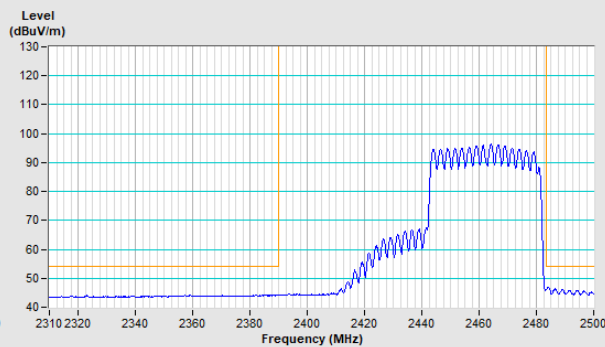
Horizontal (Average)



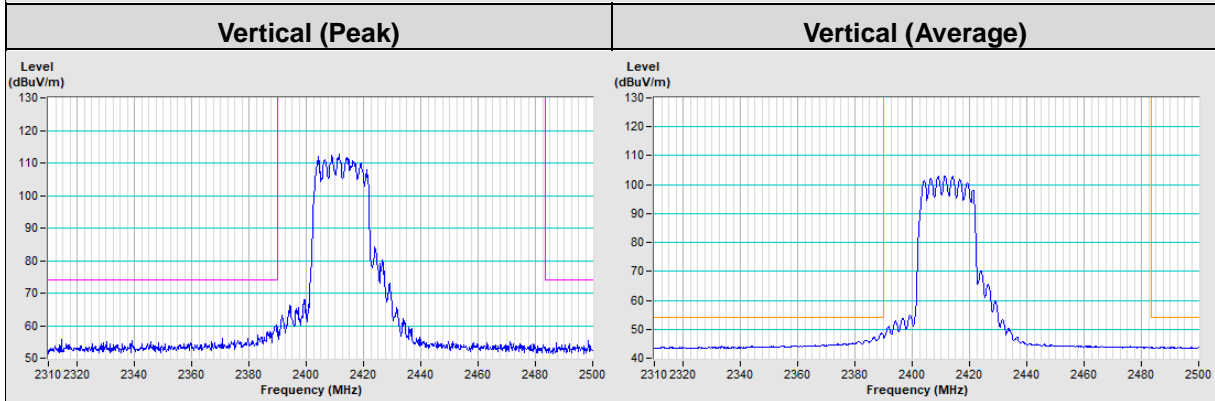
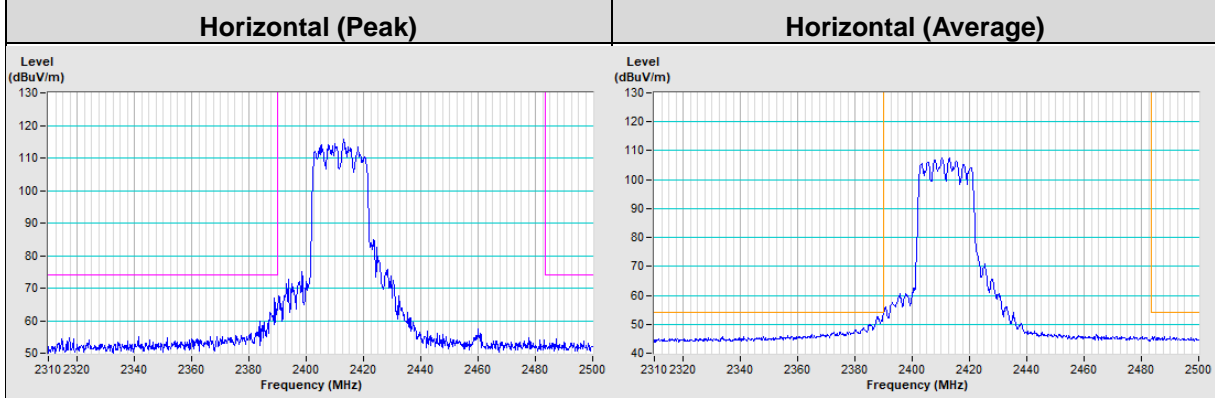
Vertical (Peak)



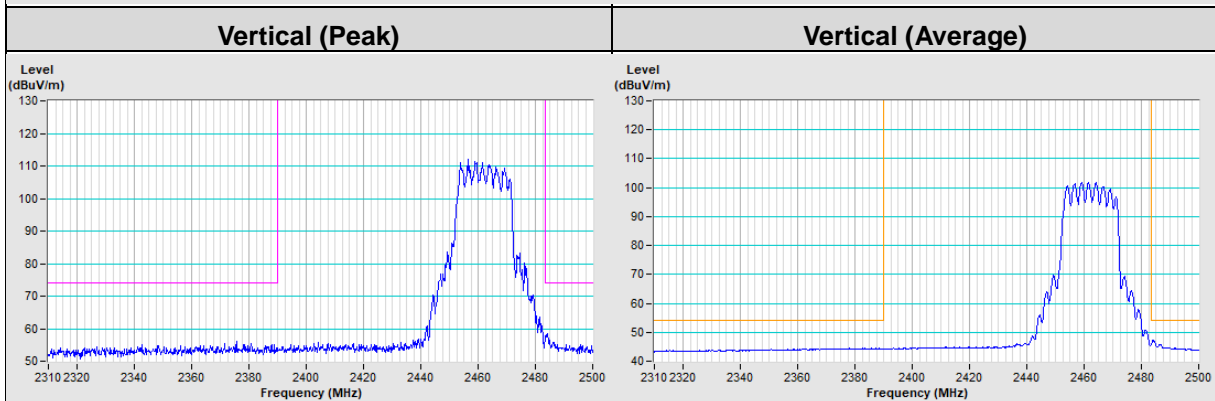
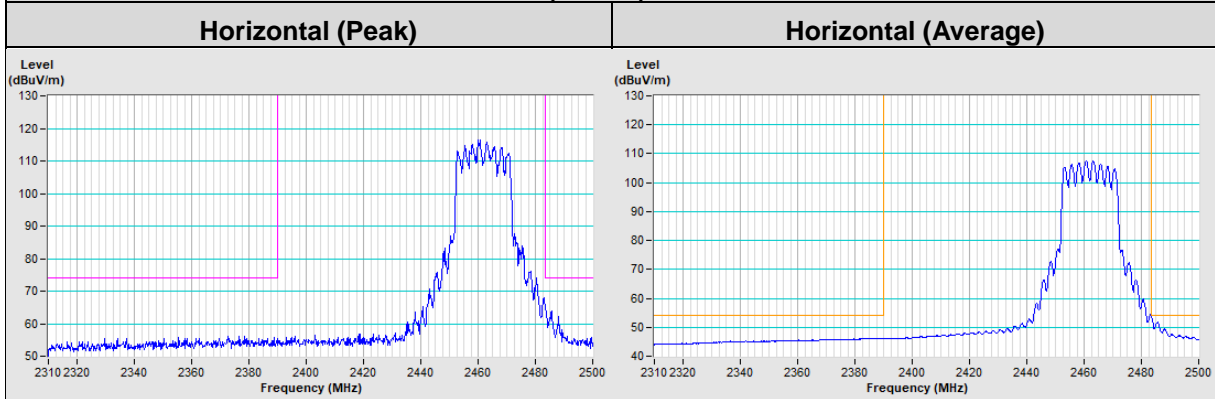
Vertical (Average)



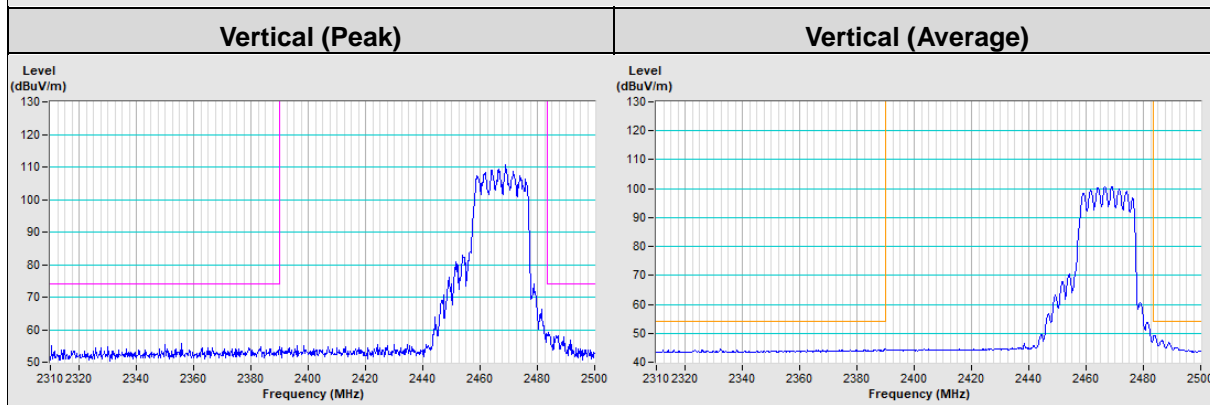
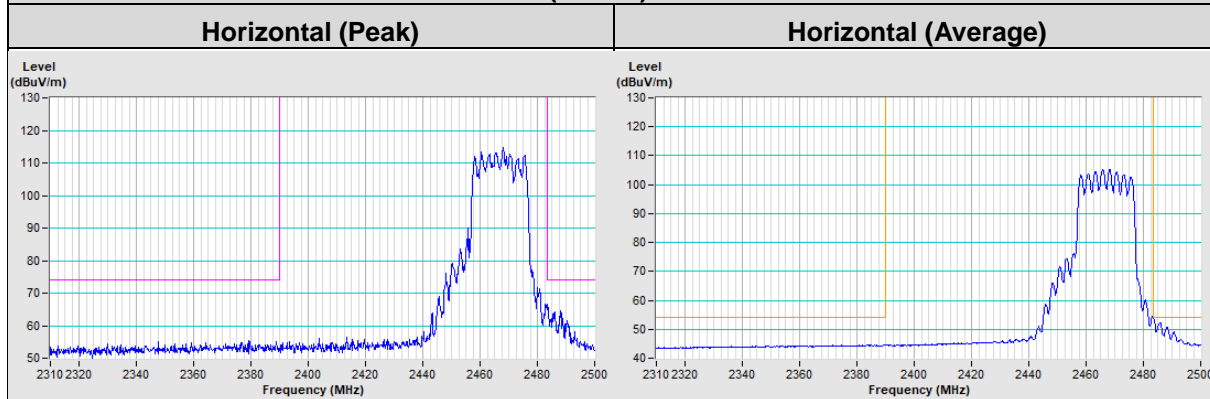
802.11be (EHT20) Channel 1



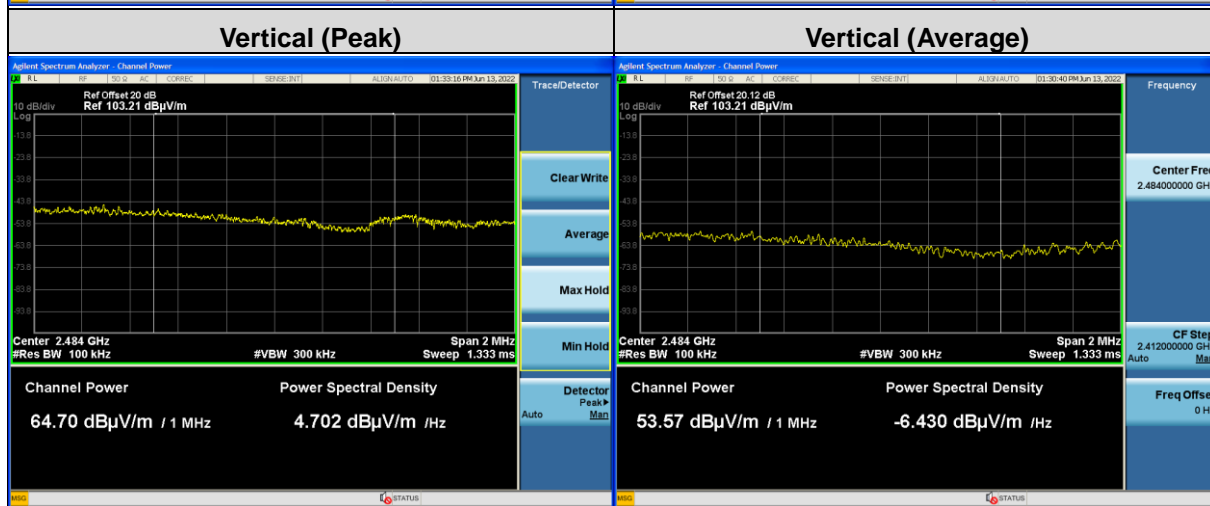
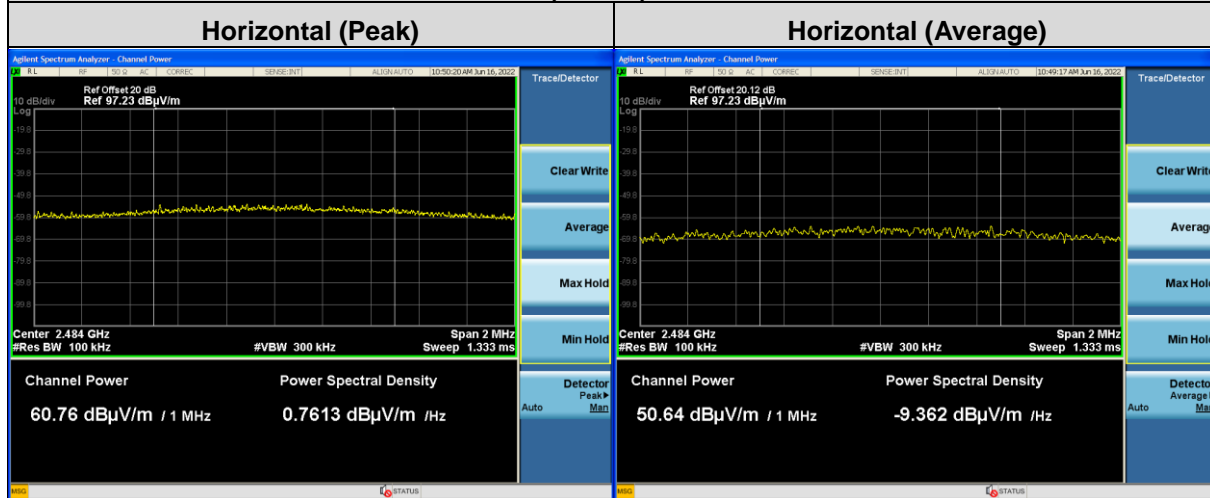
802.11be (EHT20) Channel 11



802.11be (EHT20) Channel 12

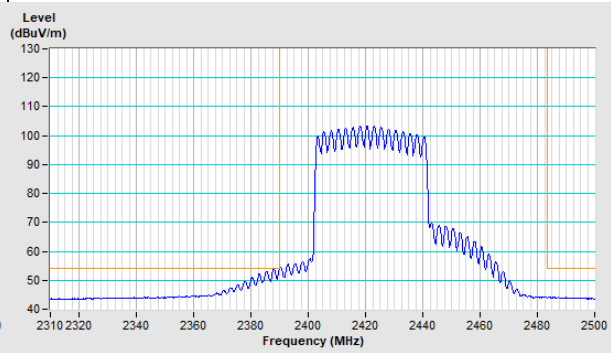
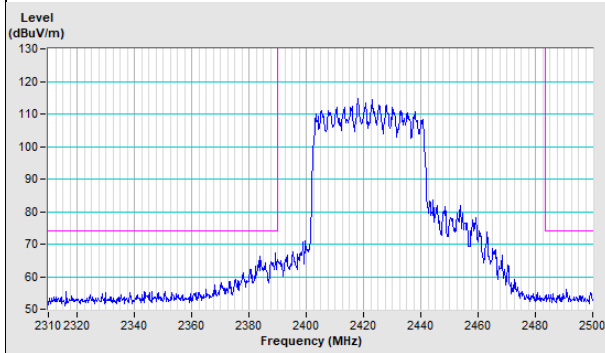


802.11be (EHT20) Channel 13



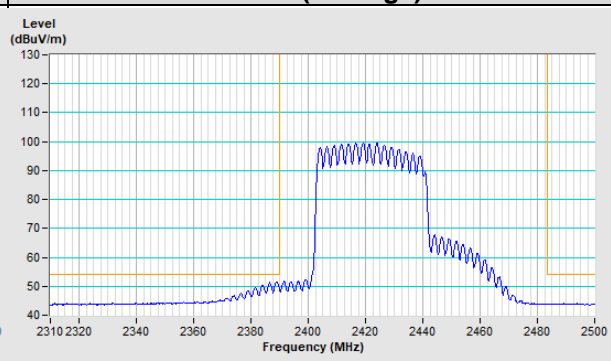
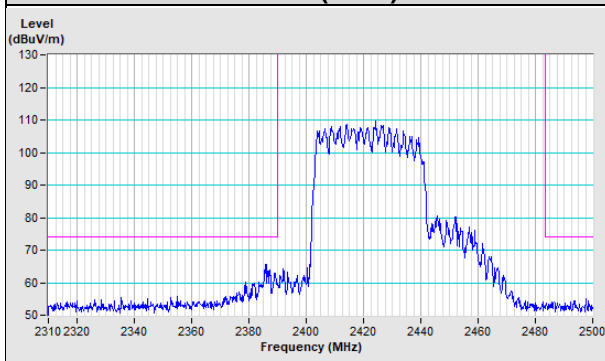
802.11be (EHT40) Channel 3

Horizontal (Peak) **Horizontal (Average)**



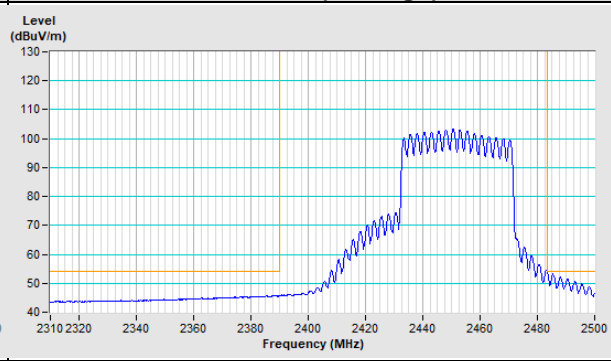
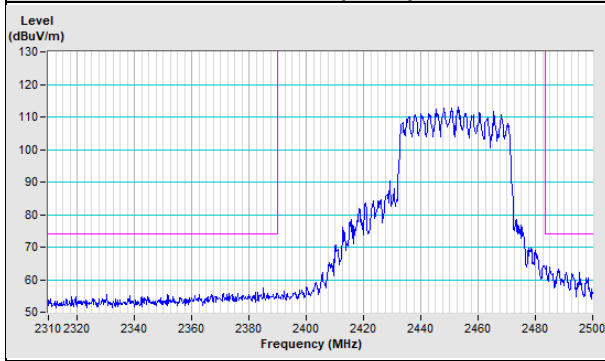
Vertical (Peak)

Vertical (Average)



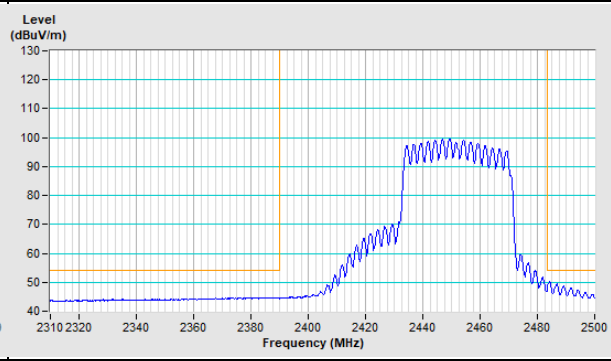
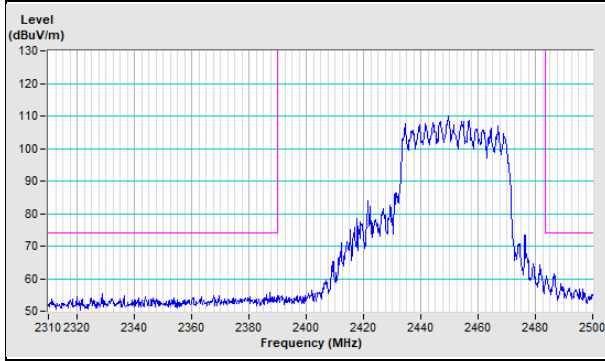
802.11be (EHT40) Channel 9

Horizontal (Peak) **Horizontal (Average)**



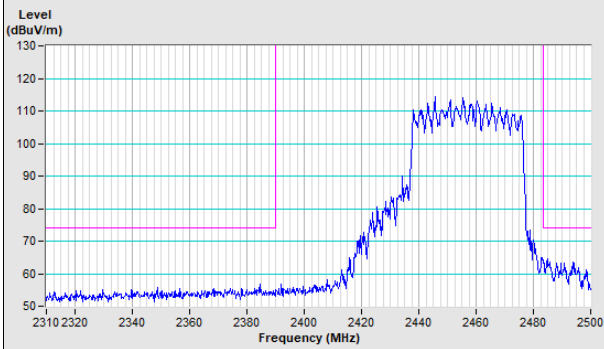
Vertical (Peak)

Vertical (Average)

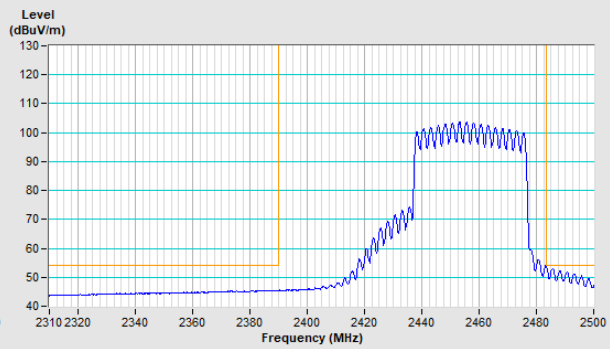


802.11be (EHT40) Channel 10

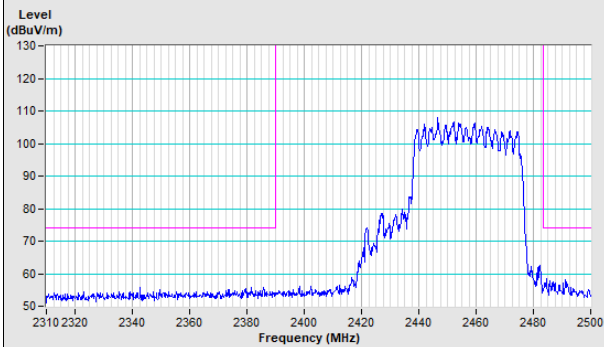
Horizontal (Peak)



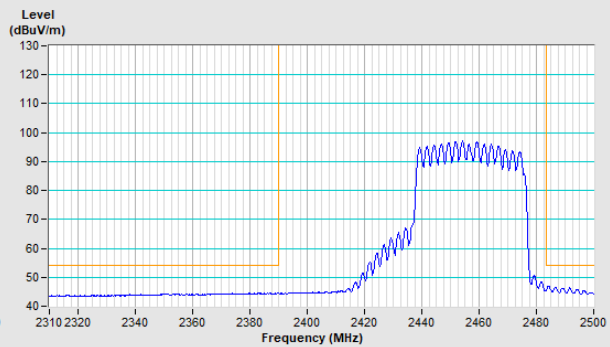
Horizontal (Average)



Vertical (Peak)

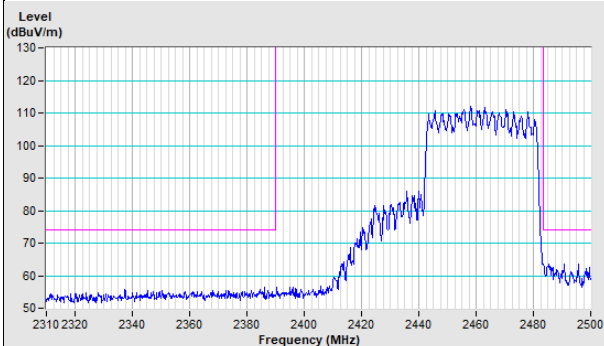


Vertical (Average)

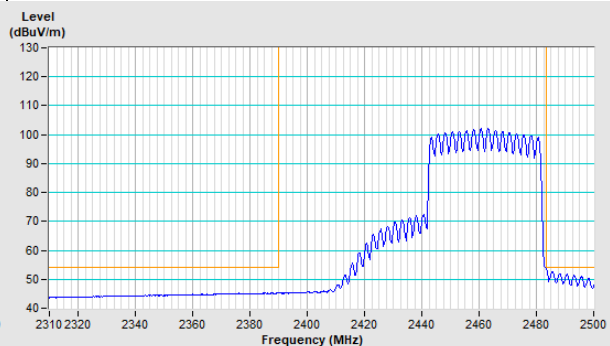


802.11be (EHT40) Channel 11

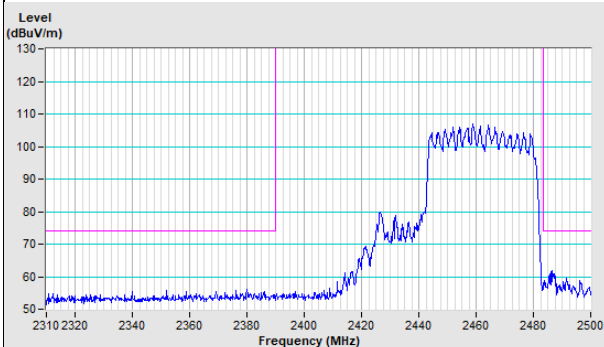
Horizontal (Peak)



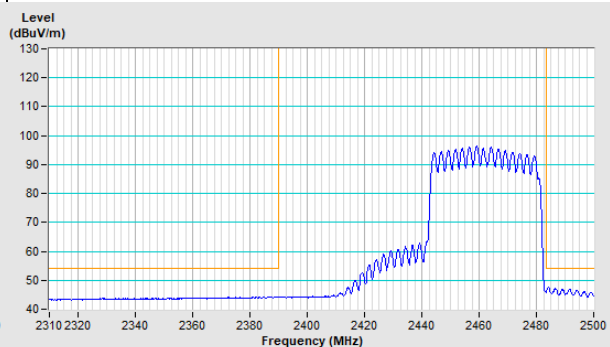
Horizontal (Average)



Vertical (Peak)



Vertical (Average)



8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

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

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

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

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