FCC Test Report

FCC ID	:	**2AU6R04157**
Equipment	:	**802.11be (WiFi 7) Dual-Radio Unified Pro Access Point** **(Please refer to section 1.1.1 for more details)**
Model No.	:	**WBE630S** **(Please refer to section 1.1.1 for more details)**
Brand Name	:	**ZYXEL**
Applicant	:	**Zyxel Networks Corporation**
Address	:	**No.2 Industry East RD. IX, Hsinchu Science Park, Hsinchu 30075, Taiwan, R.O.C**
Standard	:	**47 CFR FCC Part 15.247**
Received Date	:	**Jul. 02, 2024**
Tested Date	:	**Aug. 13 ~ Oct. 23, 2024**

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:	**Approved by:**
Along Chen / Assistant Manager	**Gary Chang / Manager**

Table of Contents

Release Record

Report No.	Version	Description	Issued Date
FR470201AC	Rev. 01	Initial issue	Dec. 09, 2024

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power line Conducted Emission	[dBuV]: 10.847MHz 42.50 (Margin - 7.50dB) - AV	Pass
15.247(d) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 2483.50MHz 53.83 (Margin -0.17dB) - AV	Pass
15.247(b)(3)	Conducted Output Power	***Non-beamforming mode*** Max Power [dBm]: 26.89 ***Beamforming mode*** Max Power [dBm]: 23.53	Pass
15.247(a)(2)	6dB Bandwidth	Meet the requirement of limit	Pass
15.247(e)	Power Spectral Density	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Product Details

The following models are provided to this EUT.

Brand Name	Model Name	Product Name	Description
ZYXEL	WBE630S	802.11be (WiFi 7) Dual-Radio Unified Pro Access Point	RJ45 have 2 port, for marketing purpose
ZYXEL	NWA210BE	802.11be (WiFi 7) Dual-Radio PoE Access Point	
ZYXEL	WBE510D	802.11be (WiFi 7) Dual-Radio Unified Access Point	RJ45 has 1 port, for marketing purpose
ZYXEL	NWA110BE	802.11be (WiFi 7) Dual-Radio PoE Access Point	
✦ The above models, model WBE630S was selected as a representative one for the final test and only its data was recorded in this report.			

1.1.2 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	**IEEE Std. 802.11**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**Data Rate / MCS**
2400-2483.5	b	2412-2462	1-11 [11]	2	1-11 Mbps
2400-2483.5	g	2412-2462	1-11 [11]	2	6-54 Mbps
2400-2483.5	n (HT20)	2412-2462	1-11 [11]	2	MCS 0-15
2400-2483.5	n (HT40)	2422-2452	3-9 [7]	2	MCS 0-15
2400-2483.5	ax (HE20)	2412-2462	1-11 [11]	2	MCS 0-11
2400-2483.5	ax (HE40)	2422-2452	3-9 [7]	2	MCS 0-11
2400-2483.5	be (EHT20)	2412-2462	1-11 [11]	2	MCS 0-13
2400-2483.5	be (EHT40)	2422-2452	3-9 [7]	2	MCS 0-13
Note 1: RF output power specifies that Maximum Conducted (Average) Output Power. Note 2: DSSS-DBPSK, DQPSK, CCK modulation OFDM/OFDMA- BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM and 4096QAM modulation.					

1.1.3 Antenna Details

Ant. No.	Brand	Model	Type	Connector	Gain (dBi)
2G-1-1	Aristotle	RFA-12731-R2	PIFA	I-PEX	1.49
2G-1-2					0.06

1.1.4 Configuration of Equipment under Test (EUT)

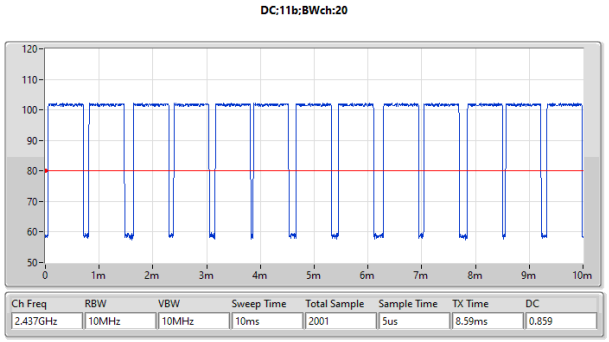
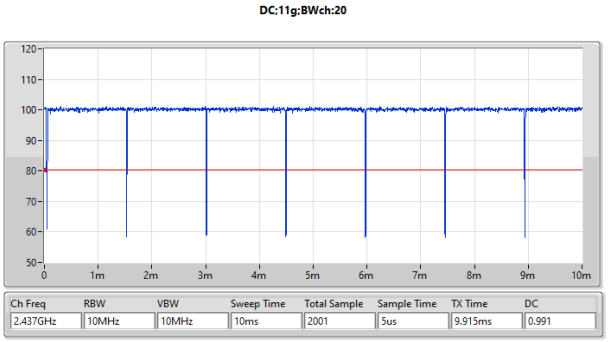
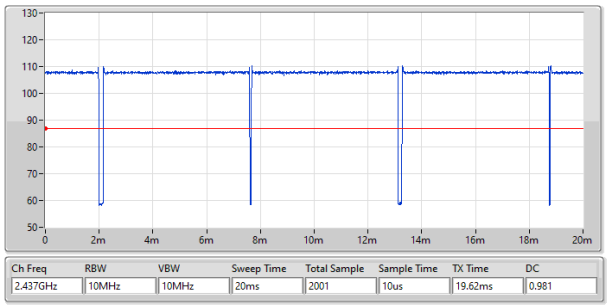
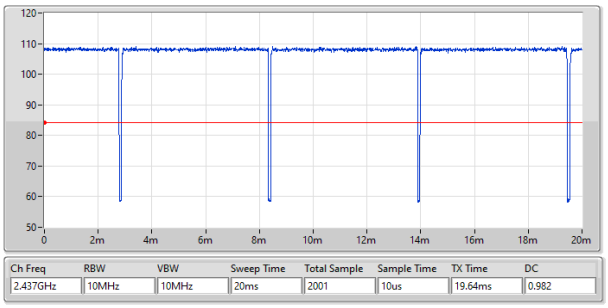
Power Supply Type	15Vdc from adapter 56Vdc from PoE	
Beamforming	☒ Support	☐ Not support
RU Configuration	☒ Full RU	☐ Partial RU

1.1.5 Channel List

Frequency band (MHz)		**2400~2483.5**	
802.11 b / g / n HT20 / ax HE20 / be EHT20		**802.11n HT40 / ax HE40 / be EHT40**	
Channel	**Frequency(MHz)**	**Channel**	**Frequency(MHz)**
1	2412	3	2422
2	2417	4	2427
3	2422	5	2432
4	2427	6	2437
5	2432	7	2442
6	2437	8	2447
7	2442	9	2452
8	2447	---	---
9	2452	---	---
10	2457	---	---
11	2462	---	---

1.1.6 Test Tool and Duty Cycle

Test Tool	QRCT, V4.1		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	11b	85.90%	0.66
	11g	99.15%	0.04
	be EHT20	98.10%	0.08
	be EHT40	98.20%	0.08

11b	11g
	
be EHT20	**be EHT40**
	

1.1.7 Power Index of Test Tool

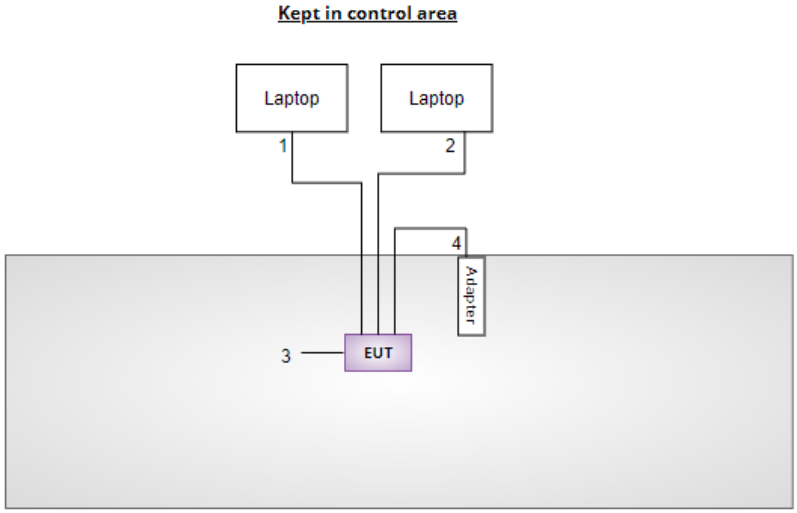
Modulation Mode	Test Frequency (MHz)	Power Index
11b	2412	24
11b	2437	24
11b	2462	24
11g	2412	22.5
11g	2437	24
11g	2462	22
be EHT20	2412	21
be EHT20	2437	24
be EHT20	2462	21
be EHT40	2422	20
be EHT40	2437	21
be EHT40	2452	20

1.2 Local Support Equipment List

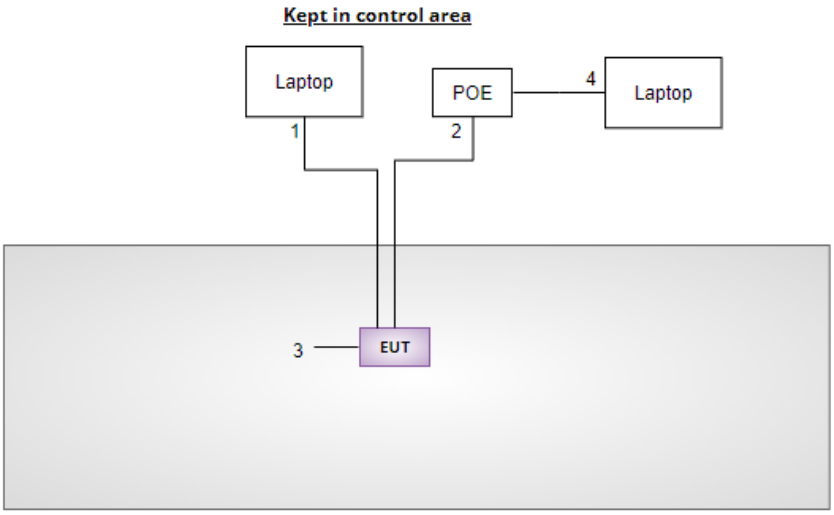
Support Equipment List (Adapter mode)					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	RJ45	ICC	RJ45-10m	---	---
2	RJ45	ICC	RJ45-10m	---	---
3	Console cable	Zyxel	console-01	---	Provided by applicant.
4	Laptop	DELL	Vostro 5410	DoC	---
5	Laptop	DELL	Latitude 5400	DoC	---
6	adapter+USB Cable	DEEVAN	DSA-45PDH	---	Provided by applicant.

Support Equipment List (POE mode)					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	RJ45	ICC	RJ45-10m	---	---
2	RJ45	ICC	RJ45-10m	---	---
3	RJ45	ICC	RJ45-1.3m	---	---
4	Console cable	Zyxel	console-01	---	Provided by applicant.
5	Laptop	DELL	Vostro 5410	DoC	---
6	Laptop	DELL	Latitude 5400	DoC	---
7	POE	Zyxel	POE12-60W	---	Provided by applicant.

1.3 Test Setup Chart

Test Setup Diagram (Adapter mode)


No.	Signal cable / Length (m)
1-2	RJ45, 10m non-shielded.
3	Console cable, 0.3m non-shielded.
4	USB, 0.9 shielded with load.

Test Setup Diagram (POE mode)


No.	Signal cable / Length (m)
1-2	RJ45, 10m non-shielded.
3	Console cable, 0.3m non-shielded.
4	RJ45, 1.3m non-shielded.

1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Oct. 23, 2024				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101658	Feb. 23, 2024	Feb. 22, 2025
LISN	R&S	ENV216	101579	May 09, 2024	May 08, 2025
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 09, 2024	Oct. 08, 2025
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127667	Jan. 10, 2024	Jan. 09, 2025
50 ohm terminal (Support Unit)	NA	50	01	Jun. 19, 2024	Jun. 18, 2025
Measurement Software	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission Below 1GHz				
Test Site	966 chamber3 / (03CH03-WS)				
Tested Date	Oct. 22, 2024				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101657	Mar. 05, 2024	Mar. 04, 2025
Loop Antenna	R&S	HFH2-Z2	100330	Oct. 31, 2023	Oct. 30, 2024
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Jul. 02, 2024	Jul. 01, 2025
Preamplifier	EMC	EMC02325	980187	Jun. 27, 2024	Jun. 26, 2025
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 02, 2024	Oct. 01, 2025
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800-001	Sep. 20, 2024	Sep. 19, 2025
LF cable-3M	EMC	EMC8D-NM-NM-3000	131103	Sep. 20, 2024	Sep. 19, 2025
LF cable-13M	EMC	EMC8D-NM-NM-13000	131104	Sep. 20, 2024	Sep. 19, 2025
Measurement Software	Sporton	SENSE-EMI	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission above 1GHz				
Test Site	966 chamber3 / (03CH03-WS)				
Tested Date	Aug. 13 ~ Aug. 20, 2024				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101499	Apr. 02, 2024	Apr. 01, 2025
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Dec. 14, 2023	Dec. 13, 2024
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170508	Dec. 28, 2023	Dec. 27, 2024
Preamplifier	EMC	EMC118A45SE	980897	Aug. 05, 2024	Aug. 04, 2025
Preamplifier	EMC	EMC184045SE	980903	Jul. 30, 2024	Jul. 29, 2025
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Sep. 22, 2023	Sep. 21, 2024
RF cable-8M	EMC	EMC104-SM-SM-8000	181107	Sep. 22, 2023	Sep. 21, 2024
Attenuator	Pasternack	PE7005-10	10-3	Sep. 27, 2023	Sep. 26, 2024
HIGHPASS FILTER	WI	WHK3.1-18G-10SS	43	Sep. 27, 2023	Sep. 26, 2024
Measurement Software	Sporton	SENSE-15247_DTS	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Aug. 28 ~ Sep. 11, 2024				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101910	Apr. 18, 2024	Apr. 17, 2025
Power Meter	Anritsu	ML2495A	1241002	Nov. 21, 2023	Nov. 20, 2024
Power Sensor	Anritsu	MA2411B	1207366	Nov. 21, 2023	Nov. 20, 2024
Attenuator	Pasternack	PE7005-10	10-2	Oct. 05, 2023	Oct. 04, 2024
Measurement Software	Sporton	SENSE-15247_DTS	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.247
ANSI C63.10-2013

1.6 Reference Guidance

FCC KDB 558074 D01 15.247 Meas Guidance v05r02
FCC KDB 662911 D01 Multiple Transmitter Output v02r01

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Measurement Uncertainty	
Parameters	**Uncertainty**
Bandwidth	±34.130 Hz
Conducted power	±0.808 dB
Power density	±0.583 dB
Conducted emission	±2.715 dB
AC conducted emission	±2.92 dB
Unwanted Emission ≤ 1GHz	±3.96 dB
Unwanted Emission > 1GHz	±4.51 dB

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)
Test Site	03CH03-WS
Address of Test Site	No.14-1, Lane 19, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW0009
- FCC site registration No.: 207696
- ISED#: 10807C
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Non-beamforming mode				
AC Power line Conducted Emission	11b	2462	1 Mbps	1, 2
Radiated Emissions ≤1GHz	11b	2462	1 Mbps	1, 2
Radiated Emissions >1GHz Conducted Output Power 6dB bandwidth Power spectral density	11b 11g be EHT20 be EHT40	2412 / 2437 / 2462 2412 / 2437 / 2462 2412 / 2437 / 2462 2422 / 2437 / 2452	1 Mbps 6 Mbps MCS 0 MCS 0	1
Beamforming mode				
Conducted Output Power	be EHT20 be EHT40	2412 / 2437 / 2462 2422 / 2437 / 2452	MCS 0 MCS 0	1

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Z-plane** results were found as the worst case and were shown in this report.
2. Test Configurations are listed as below:
   1) Test Configuration 1: PoE mode
   2) Test Configuration 2: Adapter mode

3 Transmitter Test Results

3.1 6dB and Occupied Bandwidth

3.1.1 Limit of 6dB Bandwidth

The minimum 6dB bandwidth shall be at least 500 kHz.

3.1.2 Test Procedures

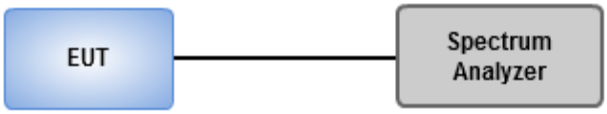
6dB Bandwidth

1. Set resolution bandwidth (RBW) = 100 kHz, Video bandwidth = 300 kHz.
2. Detector = Peak, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 6dB relative to the maximum level measured in the fundamental emission.

Occupied Bandwidth

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Detector = Sample, Trace mode = max hold.
3 Sweep = auto couple, Allow the trace to stabilize.
4. Use the OBW measurement function of spectrum analyzer to measure the occupied bandwidth.

3.1.3 Test Setup



3.1.4 Test Results

Ambient Condition	25-26°C / 65-66%	**Tested By**	Aska Huang

Refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Limit of Conducted Output Power

Conducted power shall not exceed 1Watt.

Antenna gain <= 6dBi, no any corresponding reduction is in output power limit.

Antenna gain > 6dBi

Non Fixed, point to point operations.
The conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dB

Fixed, point to point operations
Systems operating in the 2400–2483.5 MHz band that are used exclusively for fixed, point-to-point Operations, maximum peak output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

Systems operating in the 5725–5850 MHz band that are used exclusively for fixed, point-to-point operations ,no any corresponding reduction is in transmitter peak output power

3.2.2 Test Procedures

A broadband RF power meter is used for output power measurement. The video bandwidth of power meter is greater than DTS bandwidth of EUT. If duty cycle of test signal is not 100 %, trigger and gating function of power meter will be enabled to capture transmission burst for measuring output power.

3.2.3 Test Setup

3.2.4 Test Results

Ambient Condition	25-26°C / 65-66%	**Tested By**	Aska Huang

Refer to Appendix B.

3.3 Power Spectral Density

3.3.1 Limit of Power Spectral Density

Power spectral density shall not be greater than 8 dBm in any 3 kHz band.

3.3.2 Test Procedures

Peak PSD

1. Set the RBW = 3 kHz, VBW = 10 kHz.
2. Detector = Peak, Sweep time = auto couple.
3. Trace mode = max hold, allow trace to fully stabilize.
4. Use the peak marker function to determine the maximum amplitude level.

Average PSD, duty cycle ≥ 98%

1. Set the RBW = 3 kHz, VBW = 10 kHz.
2. Detector = RMS, Sweep time = auto couple.
3. Sweep time = auto couple.
4. Employ trace averaging (RMS) mode over a minimum of 100 traces.
5. Use the peak marker function to determine the maximum amplitude level.

Average PSD, duty cycle < 98%

1 Set the RBW = 3 kHz, VBW = 10 kHz. Detector = RMS.

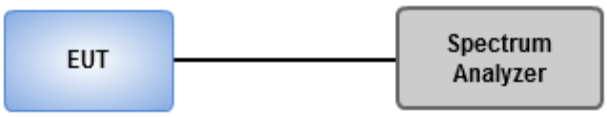
2 Set the sweep time to: ≥ 10 (number of measurement points in sweep) x (total on/off period of the transmitted signal).

3 Perform the measurement over a single sweep.

4 Use the peak marker function to determine the maximum amplitude level.

5 Add 10 log (1/x), where x is the duty cycle.

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	25-26°C / 65-66%	**Tested By**	Aska Huang

Refer to Appendix C.

3.4 Unwanted Emissions into Restricted Frequency Bands

3.4.1 Limit of Unwanted Emissions into Restricted Frequency Bands

Restricted Band Emissions Limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1:
Qusai-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit
Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

3.4.2 Test Procedures

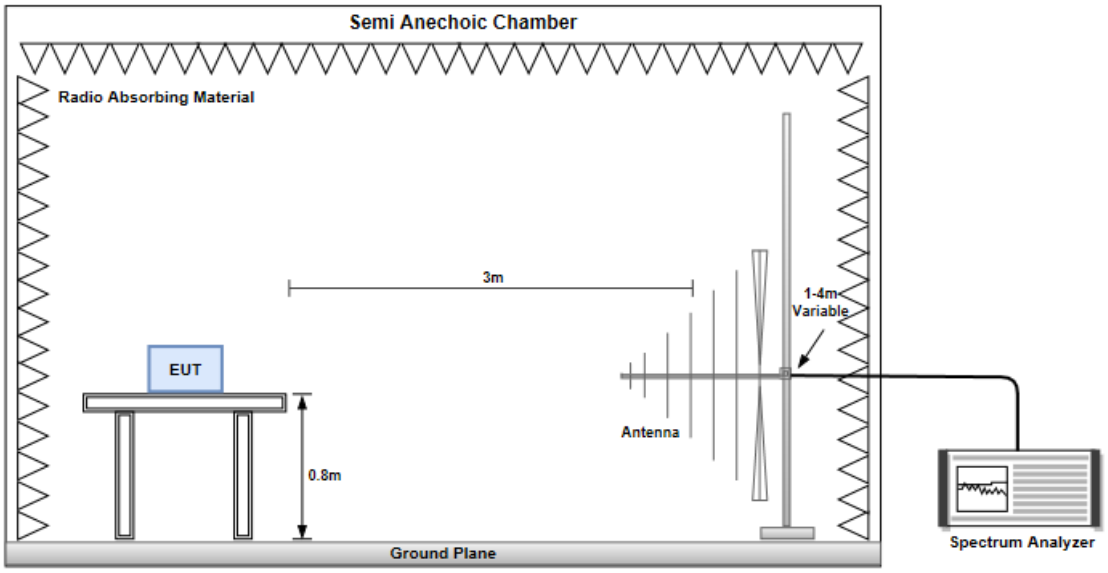
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

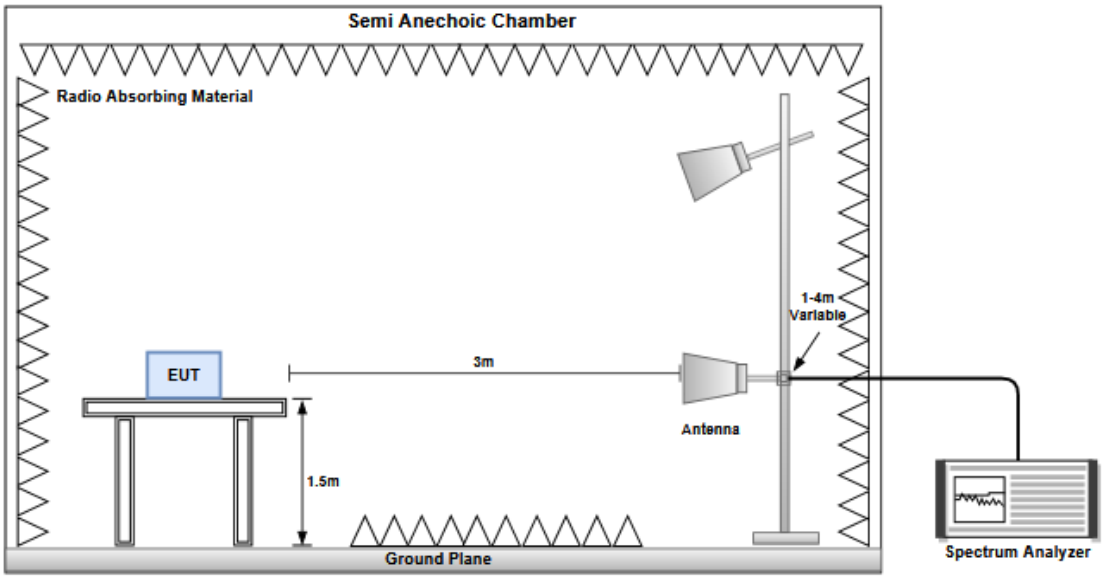
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

3.4.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.4.4 Test Results

Refer to Appendix C.

3.5 Emissions in Non-Restricted Frequency Bands

3.5.1 Emissions in Non-Restricted Frequency Bands Limit

Peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz.

3.5.2 Test Procedures

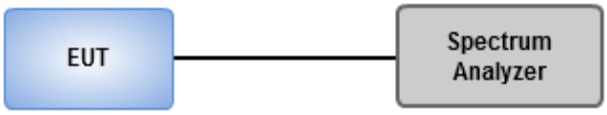
Reference level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Use the peak marker function to determine the maximum PSD level

Emission level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Scan Frequency range is up to 25GHz
4. Use the peak marker function to determine the maximum amplitude level

3.5.3 Test Setup



3.5.4 Test Results

Ambient Condition	25-26°C / 65-66%	Tested By	Aska Huang

Refer to Appendix E.

3.6 AC Power line Conducted Emissions

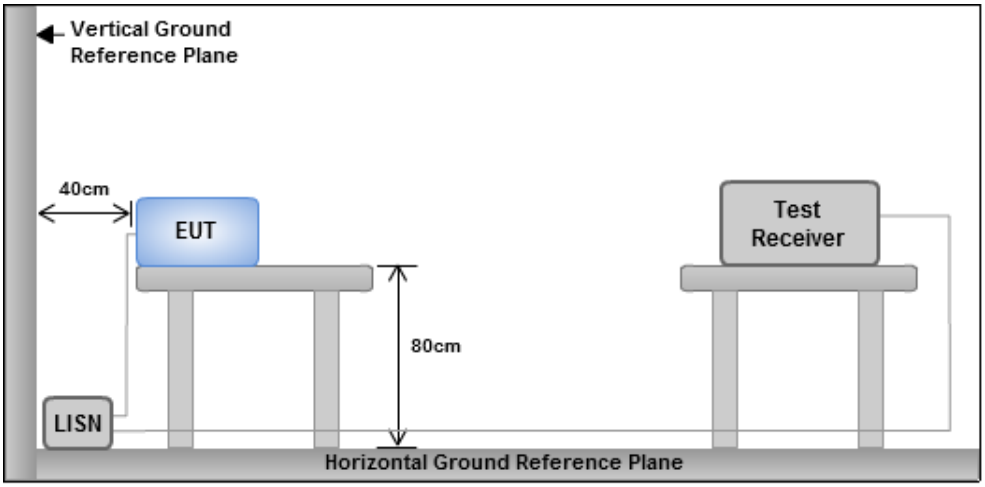
3.6.1 Limit of AC Power line Conducted Emissions

Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.6.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V/60Hz

3.6.3 Test Setup



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

2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.6.4 Test Results

Refer to Appendix F.

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website http://www.icertifi.com.tw.

Linkou

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan (R.O.C.)

Kwei Shan

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

No.2-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666
Fax: 886-3-318-0345
Email: ICC_Service@icertifi.com.tw

==END==

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.05M	13.088M	13M1G1D	7.075M	12.984M
802.11g_Nss1,(6Mbps)_2TX	16.5M	16.712M	16M7D1D	16.375M	16.514M
802.11be EHT20_Nss1,(MCS0)_2TX	16.275M	18.916M	18M9D1D	12.525M	18.866M
802.11be EHT40_Nss1,(MCS0)_2TX	36.15M	37.831M	37M8D1D	31.3M	37.731M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

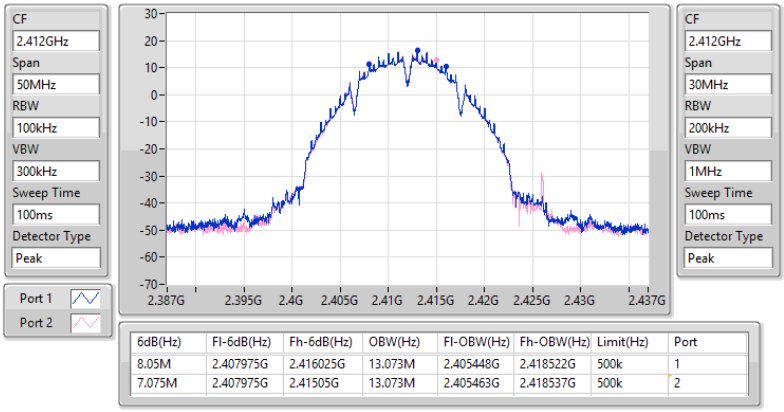
Result

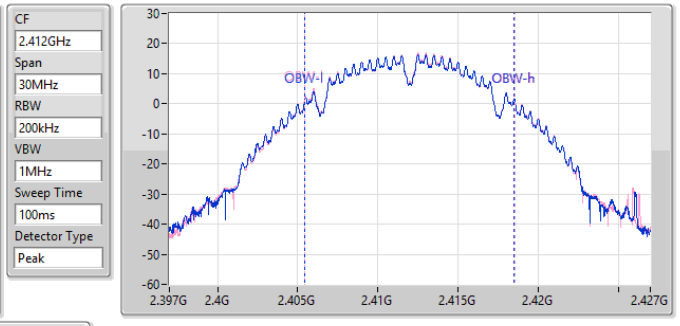
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.05M	13.073M	7.075M	13.073M
2437MHz	Pass	500k	8.05M	13.088M	8.05M	13.013M
2462MHz	Pass	500k	7.075M	13.058M	8.05M	12.984M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.4M	16.536M	16.425M	16.558M
2437MHz	Pass	500k	16.5M	16.646M	16.4M	16.712M
2462MHz	Pass	500k	16.4M	16.536M	16.375M	16.514M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.275M	18.866M	15.95M	18.916M
2437MHz	Pass	500k	12.525M	18.891M	14.975M	18.866M
2462MHz	Pass	500k	15M	18.916M	13.7M	18.866M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	33.65M	37.731M	35.55M	37.781M
2437MHz	Pass	500k	36.15M	37.781M	31.3M	37.781M
2452MHz	Pass	500k	33.8M	37.781M	33.45M	37.831M

Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **EBW**

2412MHz

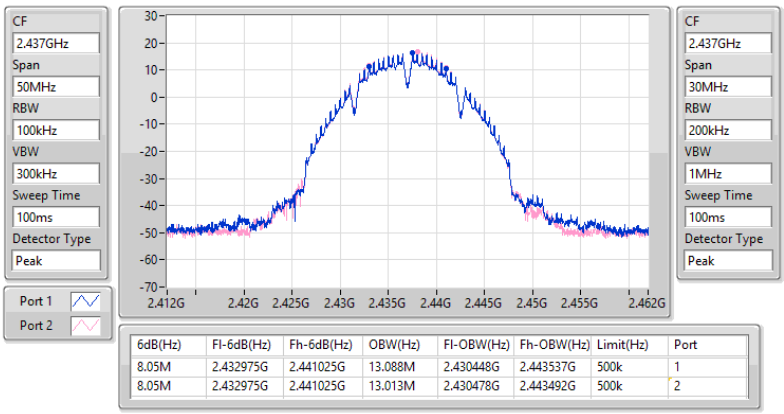


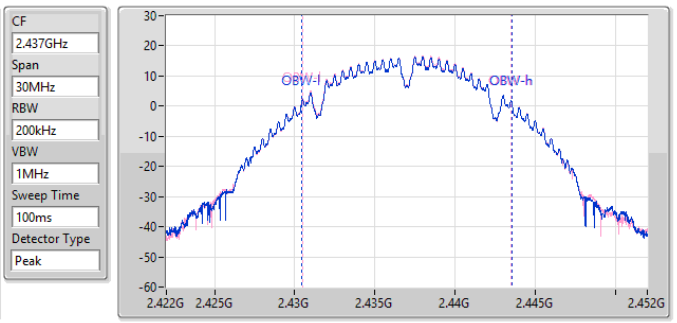


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.407975G	2.416025G	13.073M	2.405448G	2.418522G	500k	1
7.075M	2.407975G	2.41505G	13.073M	2.405463G	2.418537G	500k	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **EBW**

2437MHz

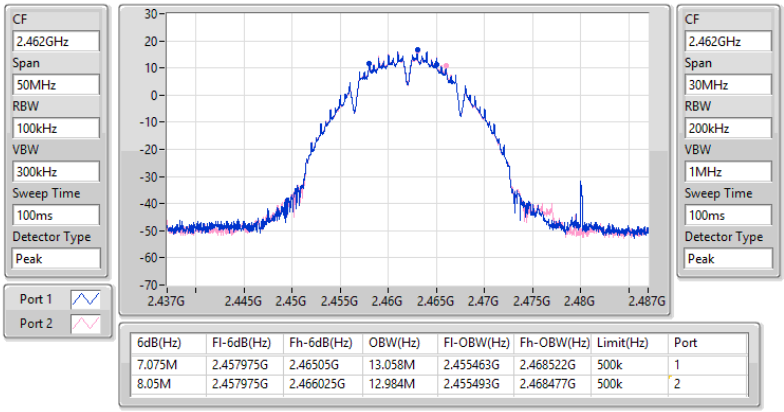


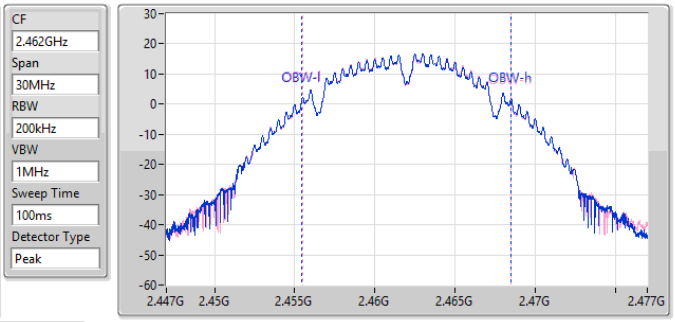


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.432975G	2.441025G	13.088M	2.430448G	2.443537G	500k	1
8.05M	2.432975G	2.441025G	13.013M	2.430478G	2.443492G	500k	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **EBW**

2462MHz

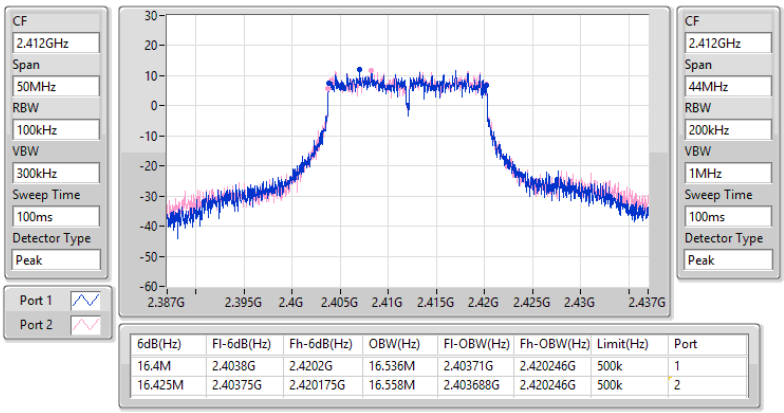


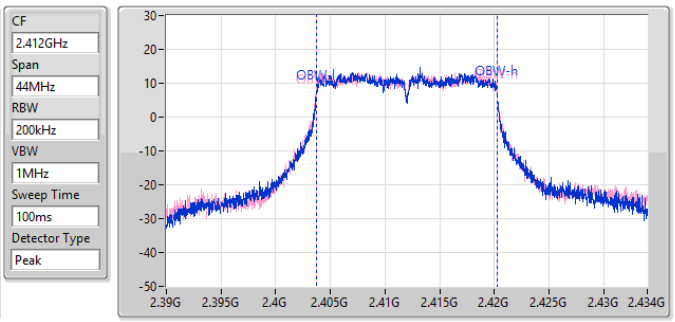


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.457975G	2.46505G	13.058M	2.455463G	2.468522G	500k	1
8.05M	2.457975G	2.466025G	12.984M	2.455493G	2.468477G	500k	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **EBW**

2412MHz

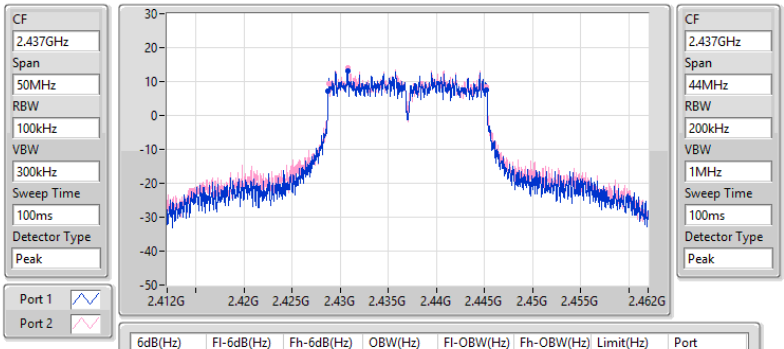


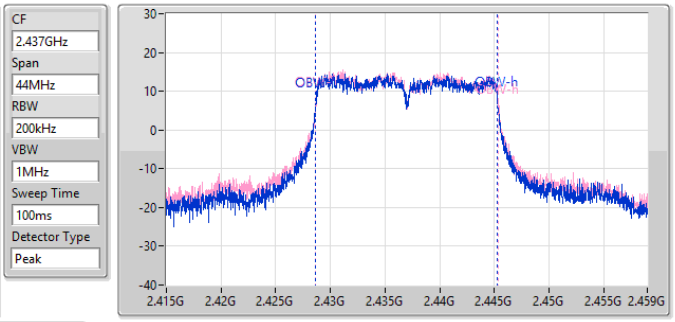


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.4M	2.4038G	2.4202G	16.536M	2.40371G	2.420246G	500k	1
16.425M	2.40375G	2.420175G	16.558M	2.403688G	2.420246G	500k	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **EBW**

2437MHz

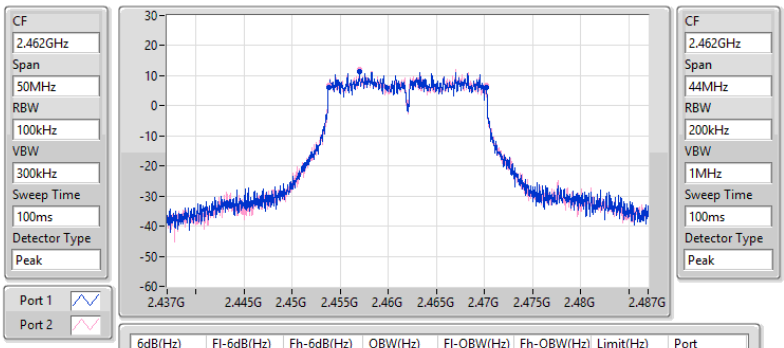


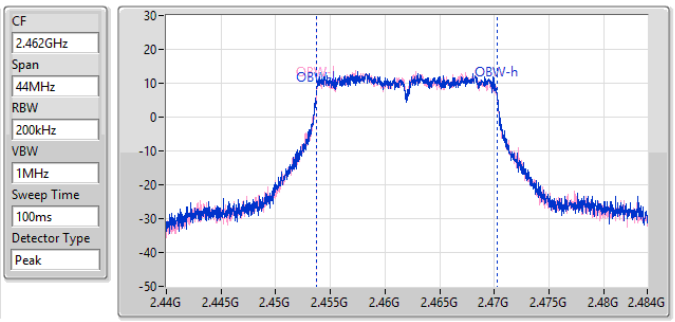


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.5M	2.428725G	2.445225G	16.646M	2.428666G	2.445312G	500k	1
16.4M	2.4288G	2.4452G	16.712M	2.428644G	2.445356G	500k	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **EBW**

2462MHz

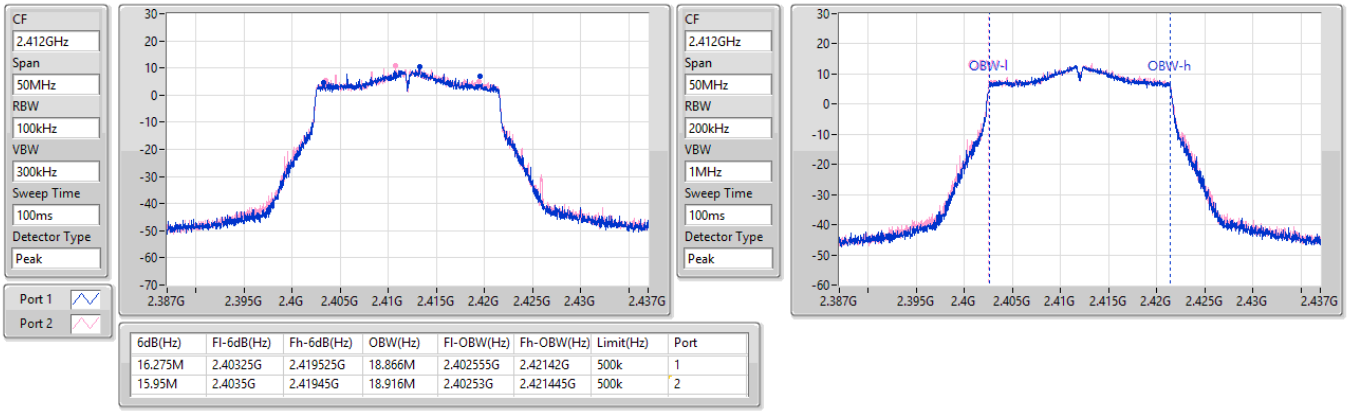




6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.4M	2.453775G	2.470175G	16.536M	2.45371G	2.470246G	500k	1
16.375M	2.453775G	2.47015G	16.514M	2.45371G	2.470224G	500k	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

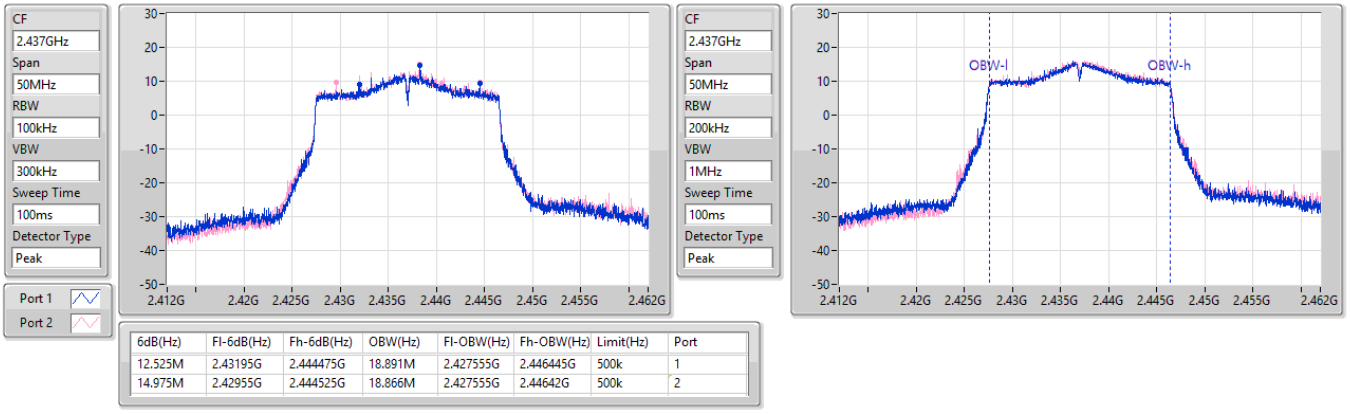
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.40325G	2.419525G	18.866M	2.402555G	2.42142G	500k	1
15.95M	2.4035G	2.41945G	18.916M	2.40253G	2.421445G	500k	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

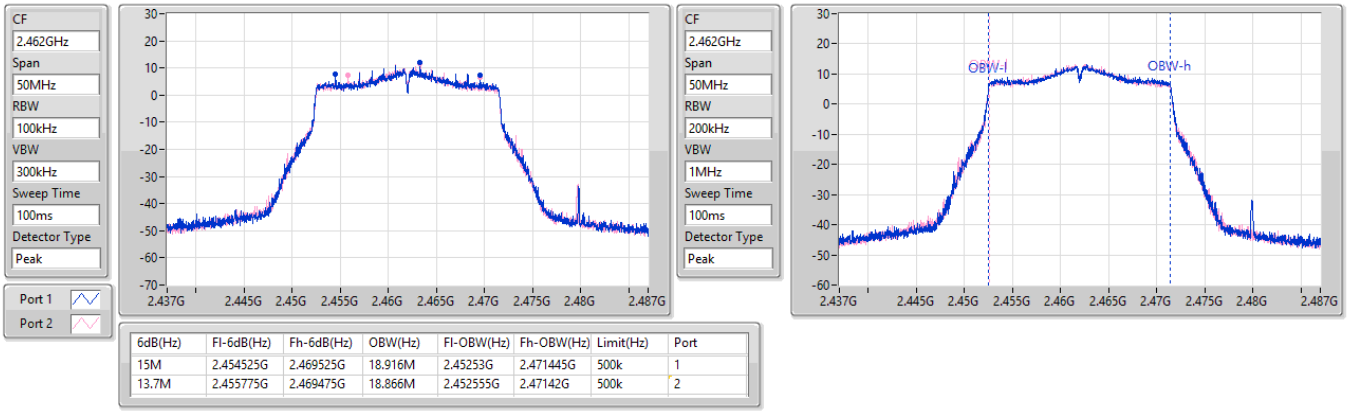
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.525M	2.43195G	2.444475G	18.891M	2.427555G	2.446445G	500k	1
14.975M	2.42955G	2.444525G	18.866M	2.427555G	2.44642G	500k	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

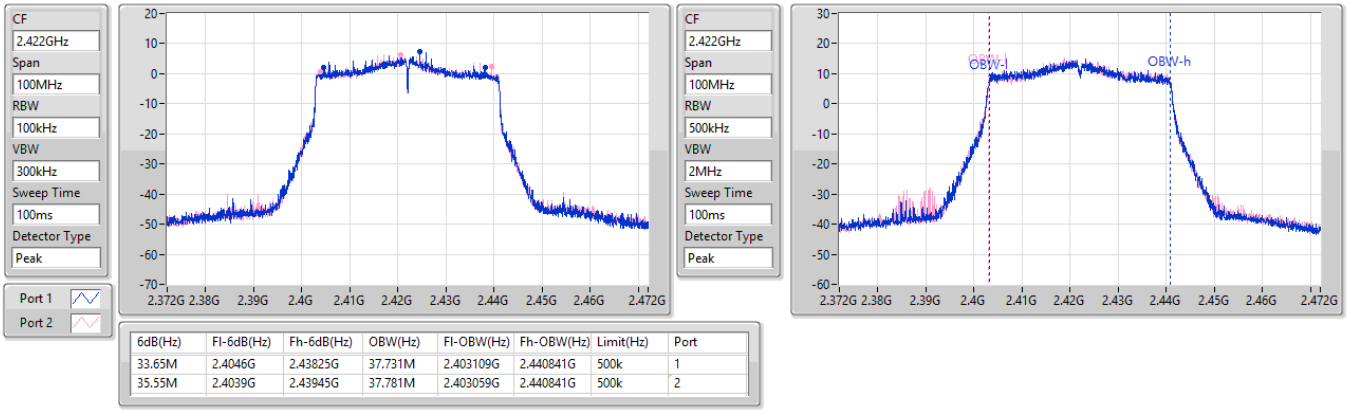
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.454525G	2.469525G	18.916M	2.45253G	2.471445G	500k	1
13.7M	2.455775G	2.469475G	18.866M	2.452555G	2.47142G	500k	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

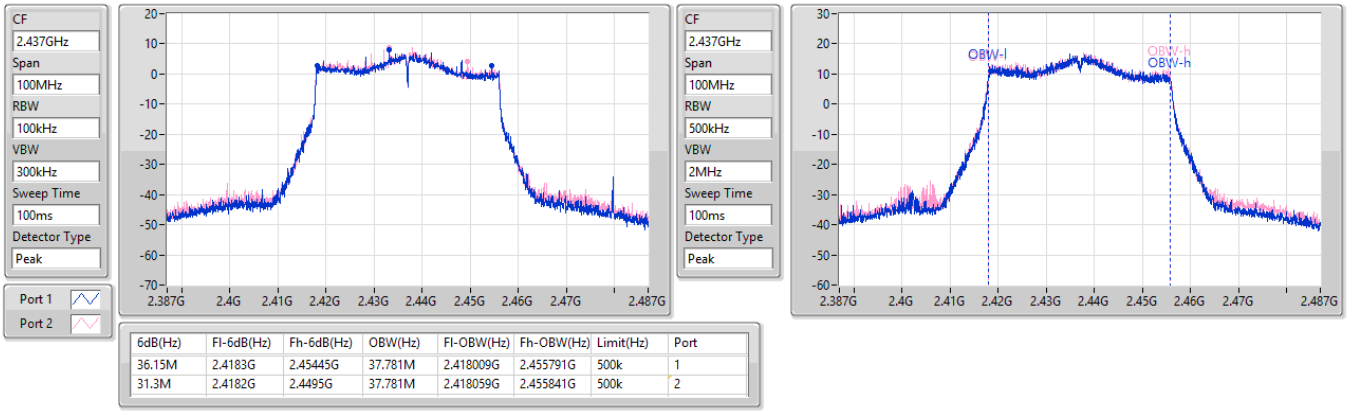
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.65M	2.4046G	2.43825G	37.731M	2.403109G	2.440841G	500k	1
35.55M	2.4039G	2.43945G	37.781M	2.403059G	2.440841G	500k	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

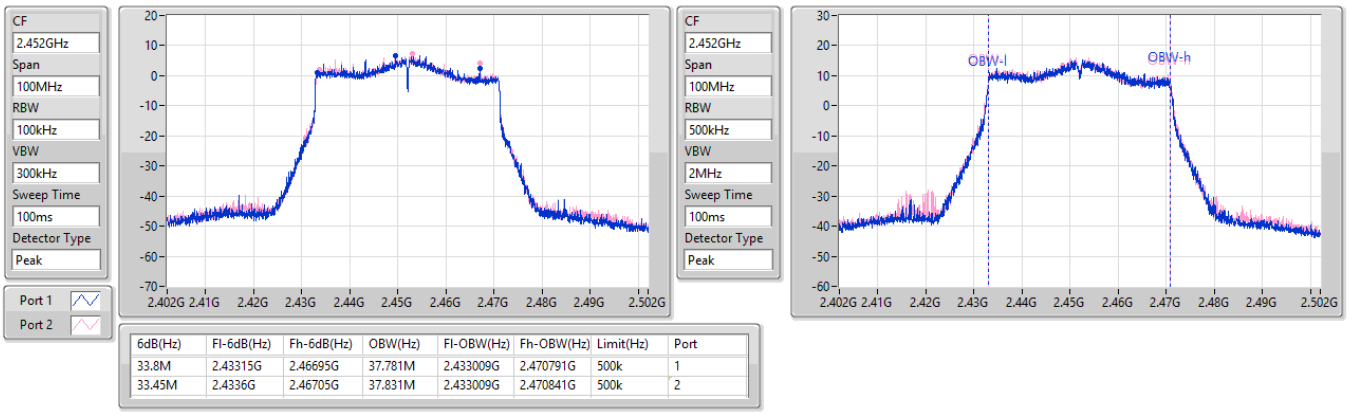
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.15M	2.4183G	2.45445G	37.781M	2.418009G	2.455791G	500k	1
31.3M	2.4182G	2.4495G	37.781M	2.418059G	2.455841G	500k	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.8M	2.43315G	2.46695G	37.781M	2.433009G	2.470791G	500k	1
33.45M	2.4336G	2.46705G	37.831M	2.433009G	2.470841G	500k	2

Non-beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	26.89	0.48865
802.11g_Nss1,(6Mbps)_2TX	26.66	0.46345
802.11be EHT20_Nss1,(MCS0)_2TX	26.54	0.45082
802.11be EHT40_Nss1,(MCS0)_2TX	23.86	0.24322

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	1.49	23.75	23.98	26.88	30.00	28.37	36.00
2437MHz	Pass	1.49	23.71	24.01	26.87	30.00	28.36	36.00
2462MHz	Pass	1.49	23.83	23.92	26.89	30.00	28.38	36.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	1.49	22.18	22.15	25.18	30.00	26.67	36.00
2437MHz	Pass	1.49	23.42	23.86	26.66	30.00	28.15	36.00
2462MHz	Pass	1.49	21.48	21.76	24.63	30.00	26.12	36.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	1.49	20.63	20.78	23.72	30.00	25.21	36.00
2437MHz	Pass	1.49	23.33	23.73	26.54	30.00	28.03	36.00
2462MHz	Pass	1.49	20.56	20.81	23.70	30.00	25.19	36.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2422MHz	Pass	1.49	19.96	20.03	23.01	30.00	24.50	36.00
2437MHz	Pass	1.49	20.72	20.97	23.86	30.00	25.35	36.00
2452MHz	Pass	1.49	19.82	20.04	22.94	30.00	24.43	36.00

DG = Directional Gain; Port X = Port X output power

Beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.53	0.22542
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.85	0.12162

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.81	17.62	17.77	20.71	30.00	24.52	36.00
2437MHz	Pass	3.81	20.32	20.72	23.53	30.00	27.34	36.00
2462MHz	Pass	3.81	17.55	17.8	20.69	30.00	24.50	36.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2422MHz	Pass	3.81	16.95	17.02	20.00	30.00	23.81	36.00
2437MHz	Pass	3.81	17.71	17.96	20.85	30.00	24.66	36.00
2452MHz	Pass	3.81	16.81	17.03	19.93	30.00	23.74	36.00

DG = Directional Gain; Port X = Port X output power

Directional Gain = $10 * \log((10^{1.49/20}+10^{0.06/20})^2/2) = 3.81$ dBi

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.81
802.11g_Nss1,(6Mbps)_2TX	-7.53
802.11be EHT20_Nss1,(MCS0)_2TX	-4.11
802.11be EHT40_Nss1,(MCS0)_2TX	-9.78

RBW = 3kHz;

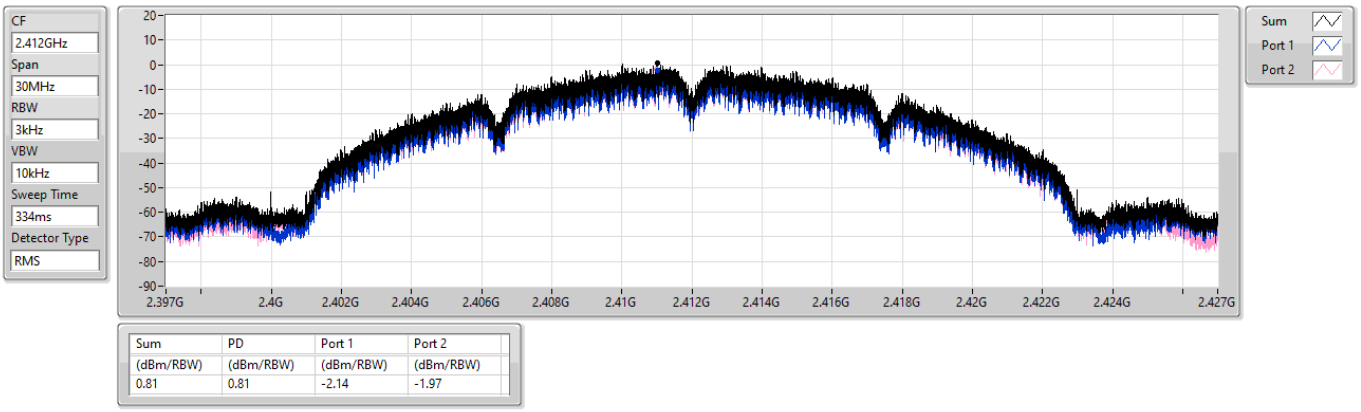
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.81	-2.14	-1.97	0.81	8.00
2437MHz	Pass	3.81	-2.29	-1.89	0.67	8.00
2462MHz	Pass	3.81	-2.52	-2.27	0.58	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.81	-13.17	-13.24	-10.36	8.00
2437MHz	Pass	3.81	-11.24	-9.89	-7.53	8.00
2462MHz	Pass	3.81	-12.44	-13.38	-10.22	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.81	-9.99	-9.62	-7.19	8.00
2437MHz	Pass	3.81	-6.99	-6.25	-4.11	8.00
2462MHz	Pass	3.81	-9.84	-9.14	-6.76	8.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.81	-13.65	-13.66	-11.51	8.00
2437MHz	Pass	3.81	-12.53	-11.81	-9.78	8.00
2452MHz	Pass	3.81	-13.48	-12.59	-10.94	8.00

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Directional Gain = $10 * \log((10^{1.49/20}+10^{0.06/20})^2/2) = 3.81$ dBi

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **PSD**

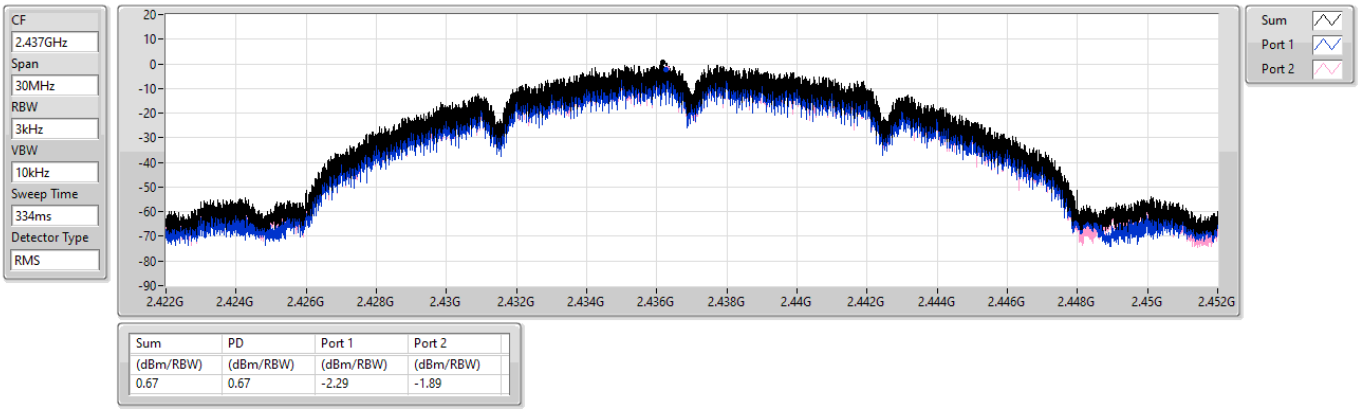
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.81	0.81	-2.14	-1.97

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **PSD**

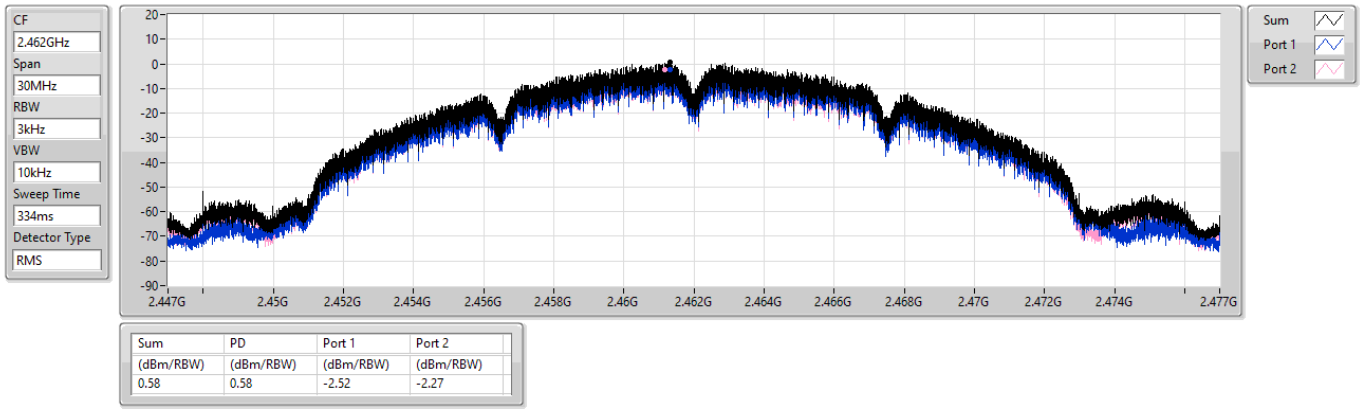
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.67	0.67	-2.29	-1.89

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **PSD**

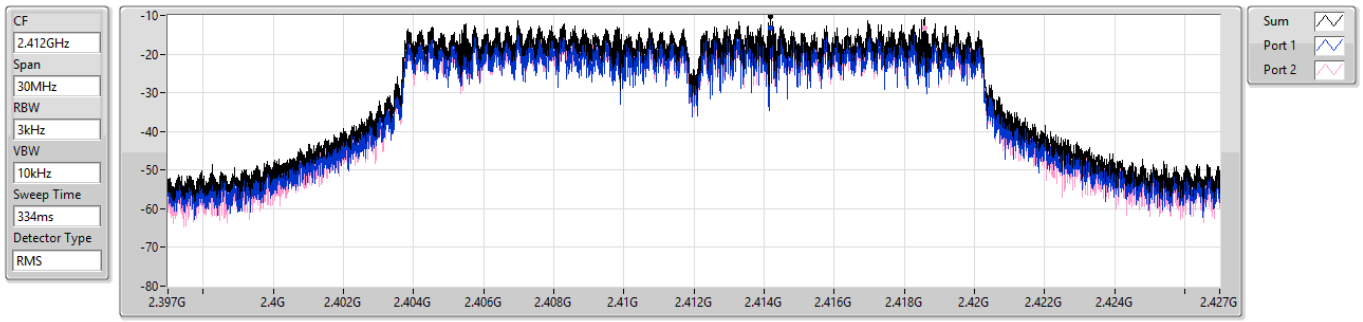
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.58	0.58	-2.52	-2.27

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **PSD**

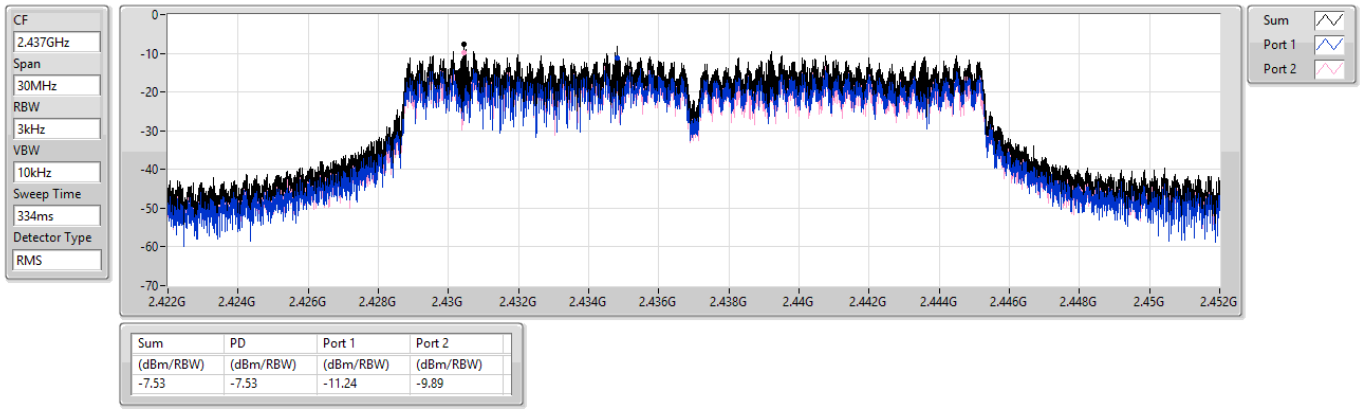
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.36	-10.36	-13.17	-13.24

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **PSD**

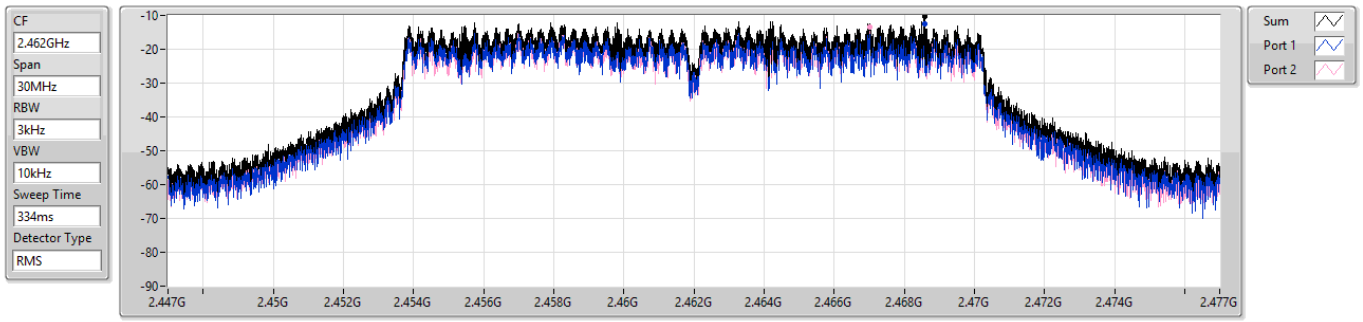
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.53	-7.53	-11.24	-9.89

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **PSD**

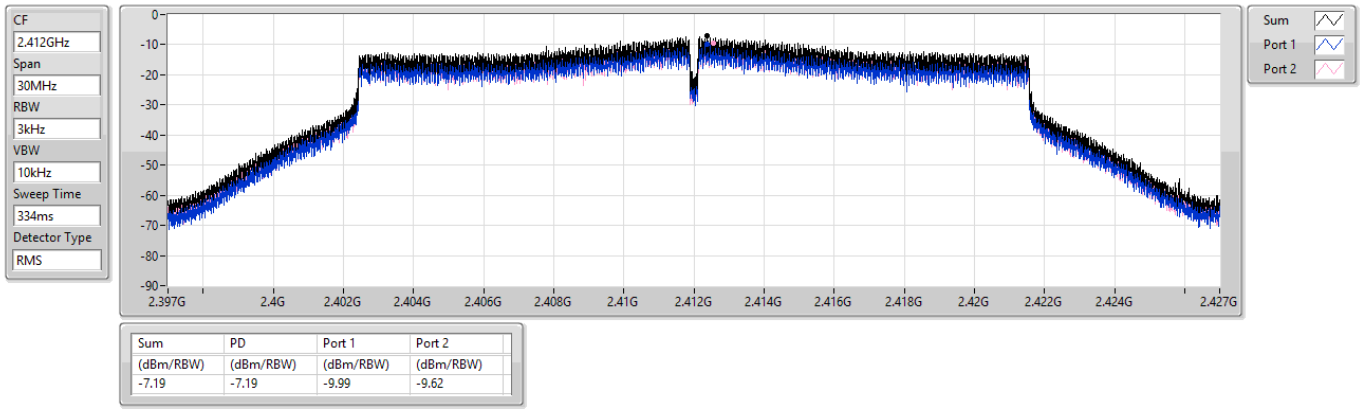
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.22	-10.22	-12.44	-13.38

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

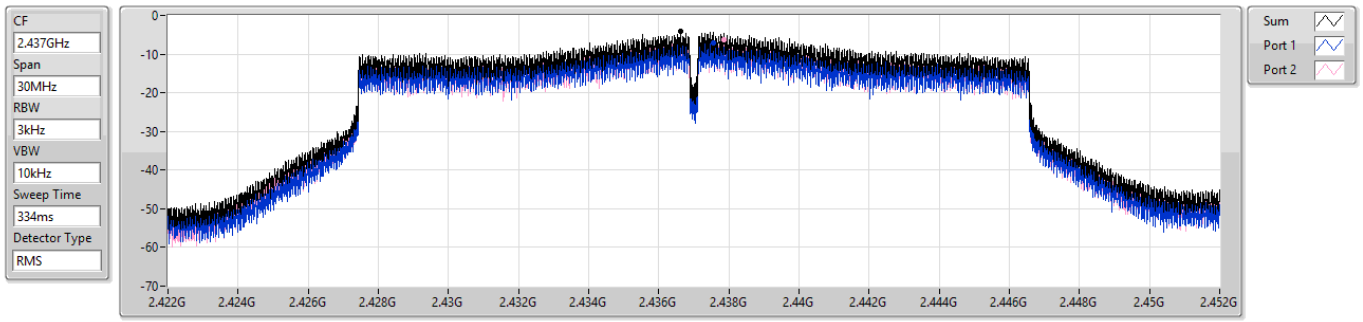
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.19	-7.19	-9.99	-9.62

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

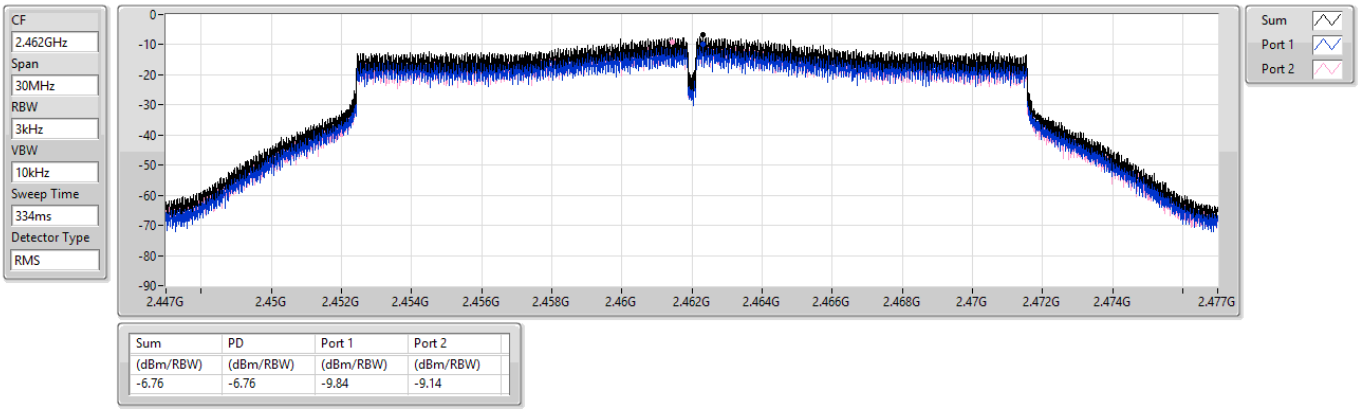
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.11	-4.11	-6.99	-6.25

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

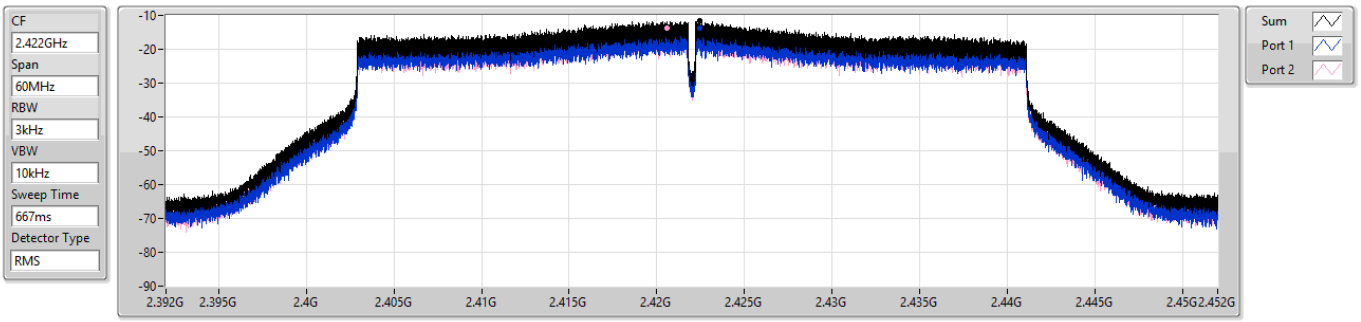
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.76	-6.76	-9.84	-9.14

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **PSD**

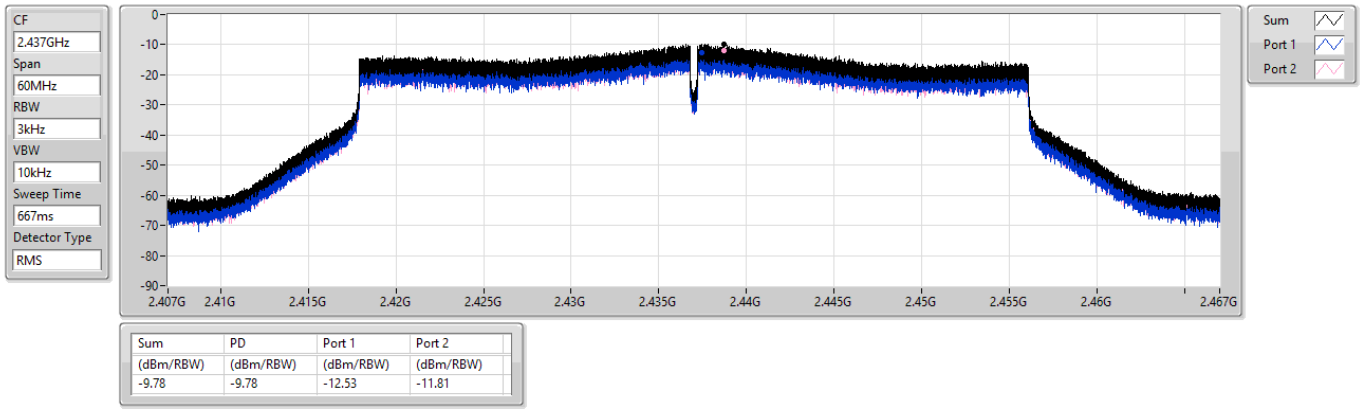
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.51	-11.51	-13.65	-13.66

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **PSD**

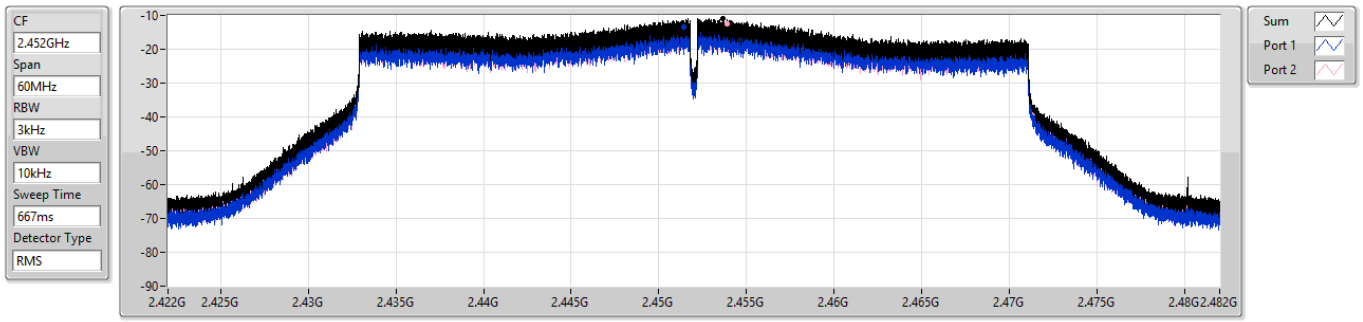
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.78	-9.78	-12.53	-11.81

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **PSD**

2452MHz

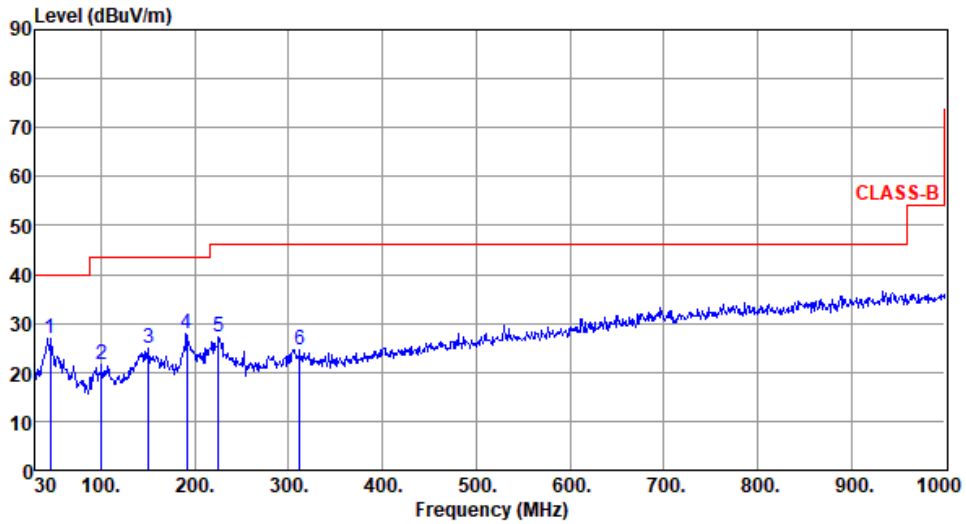


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.94	-10.94	-13.48	-12.59

POE Mode
Unwanted Emissions (Below 1GHz)

Modulation	11b	**Test Freq. (MHz)**	2462
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):61

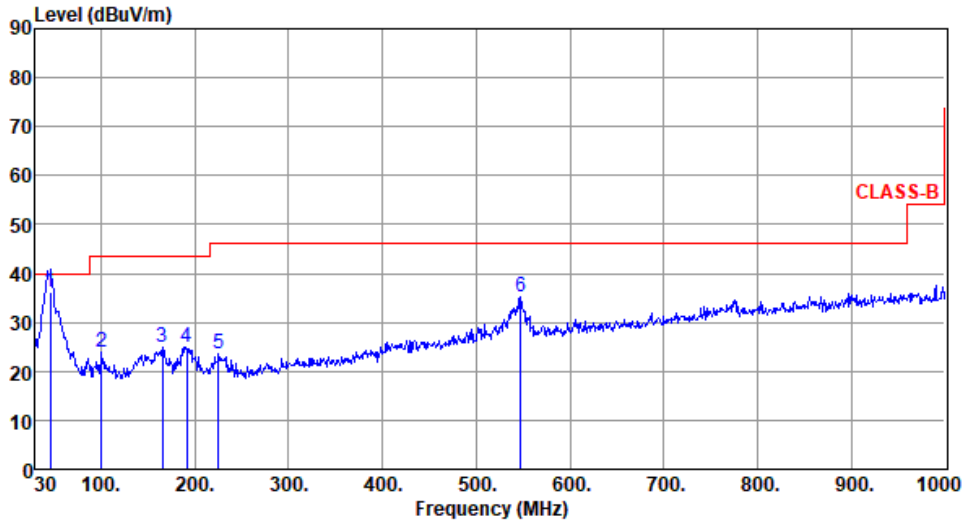


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	46.31	26.82	40.00	-13.18	35.61	-8.79	Peak	---	---
2	100.76	21.45	43.50	-22.05	34.47	-13.02	Peak	---	---
3	150.31	24.88	43.50	-18.62	33.37	-8.49	Peak	---	---
4	191.24	27.88	43.50	-15.62	39.22	-11.34	Peak	---	---
5	224.81	27.39	46.00	-18.61	39.43	-12.04	Peak	---	---
6	312.29	24.65	46.00	-21.35	32.38	-7.73	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11b	Test Freq. (MHz)	2462
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):61



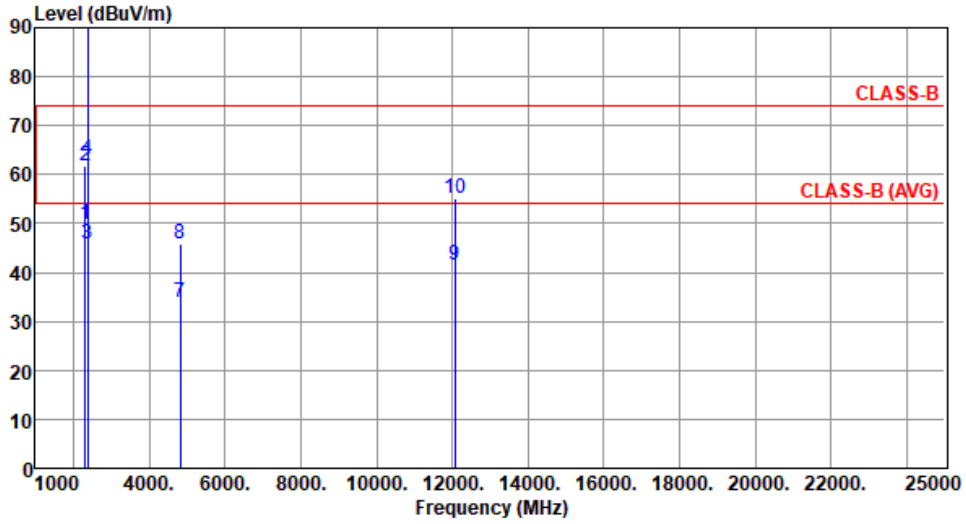
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	46.32	36.34	40.00	-3.66	45.13	-8.79	QP	100	308
2	100.62	23.78	43.50	-19.72	36.84	-13.06	Peak	---	---
3	165.74	24.94	43.50	-18.56	33.77	-8.83	Peak	---	---
4	191.23	24.99	43.50	-18.51	36.33	-11.34	Peak	---	---
5	224.86	23.53	46.00	-22.47	35.57	-12.04	Peak	---	---
6	547.21	35.26	46.00	-10.74	37.26	-2.00	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Unwanted Emission (Above 1GHz) for 11b

Modulation	11b	Test Freq. (MHz)	2412
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62

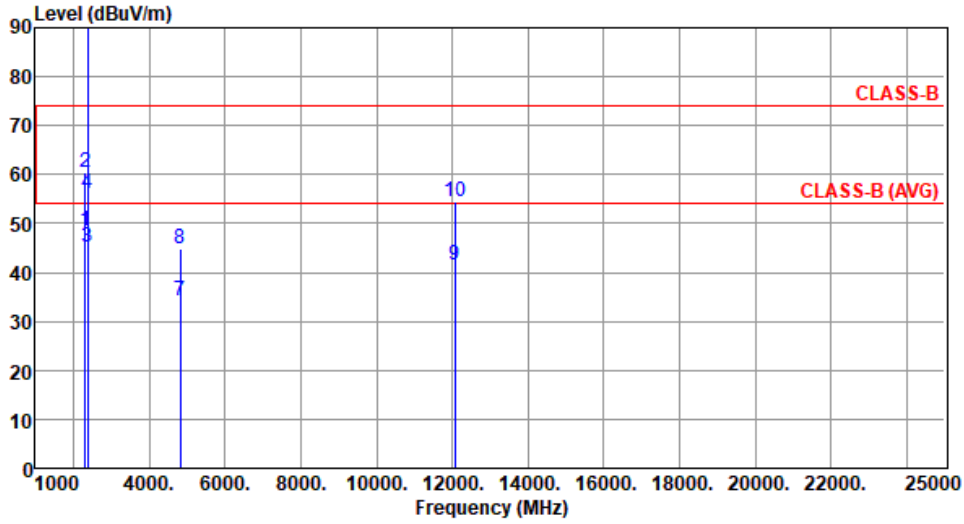


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2310.00	49.92	54.00	-4.08	53.16	-3.24	Average	311	55
2		2310.00	61.62	74.00	-12.38	64.86	-3.24	Peak	311	55
3		2390.00	45.68	54.00	-8.32	49.25	-3.57	Average	356	46
4		2390.00	62.97	74.00	-11.03	66.54	-3.57	Peak	356	46
5	*	2412.00	116.73			120.33	-3.60	Average	356	46
6	*	2412.00	119.22			122.82	-3.60	Peak	356	46
7		4824.00	34.01	54.00	-19.99	33.83	0.18	Average	100	197
8		4824.00	45.72	74.00	-28.28	45.54	0.18	Peak	100	197
9		12060.00	41.58	54.00	-12.42	33.73	7.85	Average	100	304
10		12060.00	55.04	74.00	-18.96	47.19	7.85	Peak	100	304

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	11b	**Test Freq. (MHz)**	2412
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62

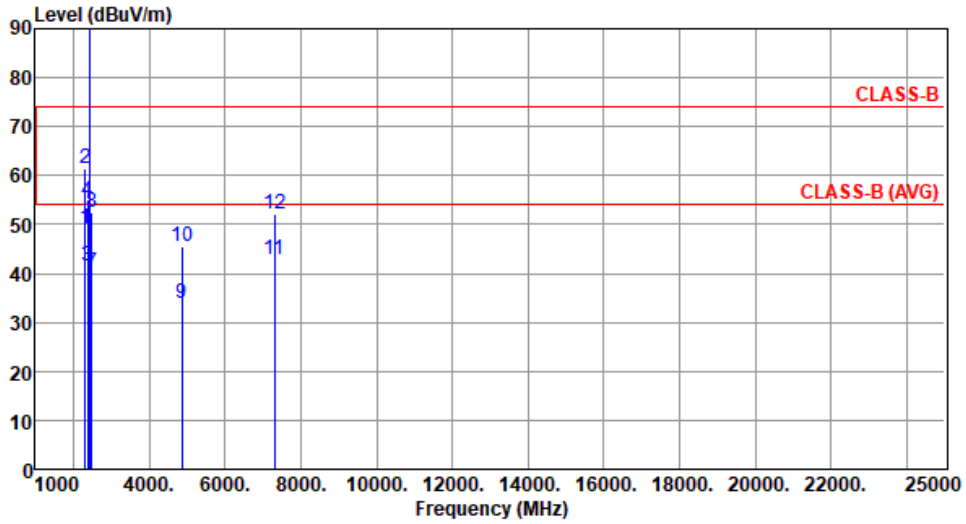


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2310.00	48.48	54.00	-5.52	51.72	-3.24	Average	344	357
2		2310.00	60.56	74.00	-13.44	63.80	-3.24	Peak	344	357
3		2390.00	45.11	54.00	-8.89	48.68	-3.57	Average	313	347
4		2390.00	56.04	74.00	-17.96	59.61	-3.57	Peak	313	347
5	*	2412.00	115.71			119.31	-3.60	Average	313	347
6	*	2412.00	118.32			121.92	-3.60	Peak	313	347
7		4824.00	34.15	54.00	-19.85	33.97	0.18	Average	100	44
8		4824.00	44.92	74.00	-29.08	44.74	0.18	Peak	100	44
9		12060.00	41.66	54.00	-12.34	33.81	7.85	Average	100	159
10		12060.00	54.42	74.00	-19.58	46.57	7.85	Peak	100	159

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	11b	Test Freq. (MHz)	2437
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):25 Humidity(%):62

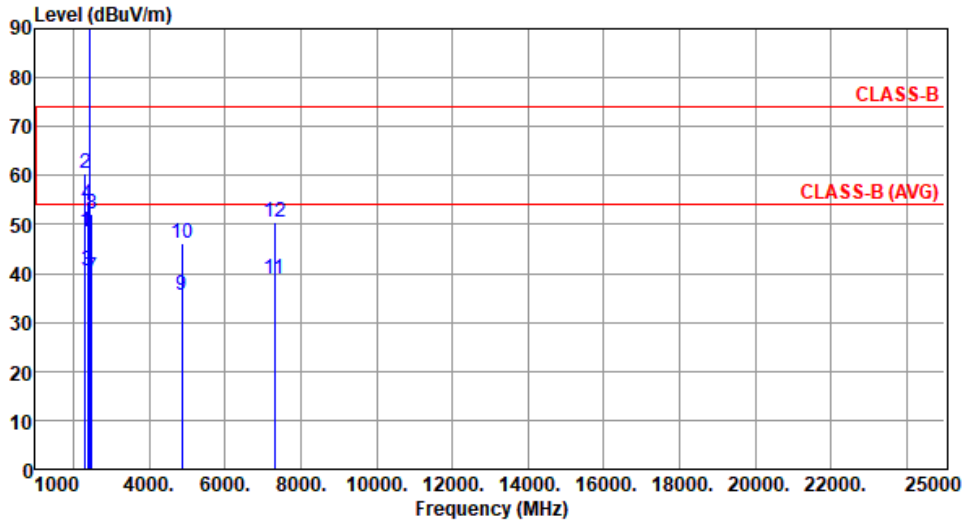


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2310.00	49.28	54.00	-4.72	52.52	-3.24	Average	302	41
2		2310.00	61.59	74.00	-12.41	64.83	-3.24	Peak	302	41
3		2390.00	41.64	54.00	-12.36	45.21	-3.57	Average	302	41
4		2390.00	54.71	74.00	-19.29	58.28	-3.57	Peak	302	41
5	*	2437.00	116.67			120.37	-3.70	Average	302	41
6	*	2437.00	118.95			122.65	-3.70	Peak	302	41
7		2483.50	40.10	54.00	-13.90	43.96	-3.86	Average	302	41
8		2483.50	52.56	74.00	-21.44	56.42	-3.86	Peak	302	41
9		4874.00	33.95	54.00	-20.05	33.82	0.13	Average	100	59
10		4874.00	45.35	74.00	-28.65	45.22	0.13	Peak	100	59
11		7311.00	42.88	54.00	-11.12	37.43	5.45	Average	144	353
12		7311.00	52.03	74.00	-21.97	46.58	5.45	Peak	144	353

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	11b	Test Freq. (MHz)	2437
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):25 Humidity(%):62

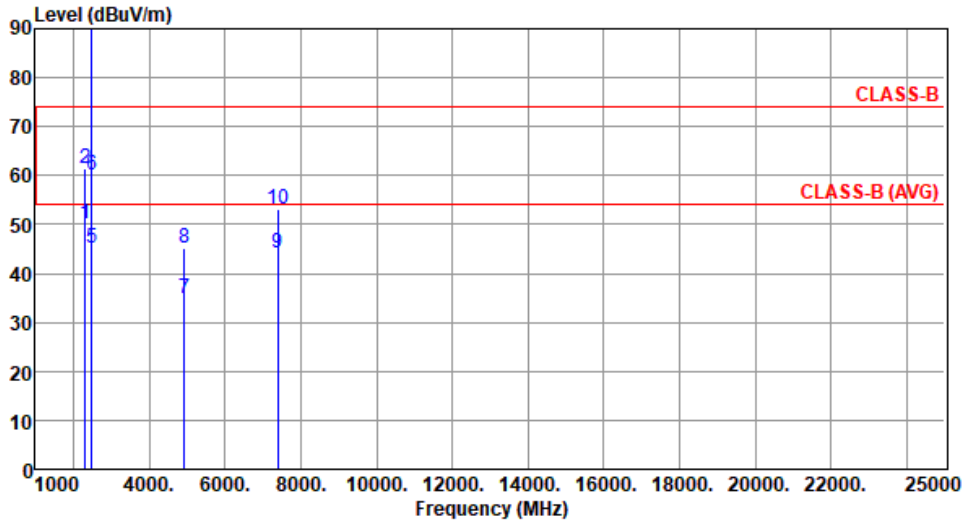


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2310.00	48.50	54.00	-5.50	51.74	-3.24	Average	334	359
2		2310.00	60.44	74.00	-13.56	63.68	-3.24	Peak	334	359
3		2390.00	40.62	54.00	-13.38	44.19	-3.57	Average	334	359
4		2390.00	54.20	74.00	-19.80	57.77	-3.57	Peak	334	359
5	*	2437.00	115.59			119.29	-3.70	Average	334	359
6	*	2437.00	117.92			121.62	-3.70	Peak	334	359
7		2483.50	39.08	54.00	-14.92	42.94	-3.86	Average	334	359
8		2483.50	52.11	74.00	-21.89	55.97	-3.86	Peak	334	359
9		4874.00	35.42	54.00	-18.58	35.29	0.13	Average	233	356
10		4874.00	46.03	74.00	-27.97	45.90	0.13	Peak	233	356
11		7311.00	38.89	54.00	-15.11	33.44	5.45	Average	100	35
12		7311.00	50.34	74.00	-23.66	44.89	5.45	Peak	100	35

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	11b	Test Freq. (MHz)	2462
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62

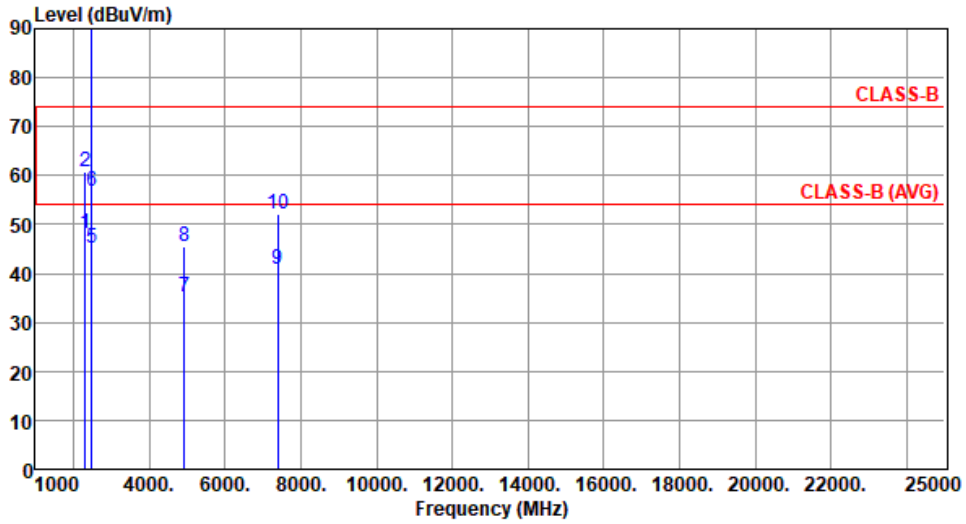


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2310.00	50.02	54.00	-3.98	53.26	-3.24	Average	155	62
2		2310.00	61.36	74.00	-12.64	64.60	-3.24	Peak	155	62
3	*	2462.00	116.84			120.75	-3.91	Average	153	60
4	*	2462.00	119.47			123.38	-3.91	Peak	153	60
5		2483.50	45.29	54.00	-8.71	49.15	-3.86	Average	153	60
6		2483.50	60.08	74.00	-13.92	63.94	-3.86	Peak	153	60
7		4924.00	34.74	54.00	-19.26	34.67	0.07	Average	100	121
8		4924.00	45.31	74.00	-28.69	45.24	0.07	Peak	100	121
9		7386.00	44.14	54.00	-9.86	38.75	5.39	Average	171	355
10		7386.00	53.04	74.00	-20.96	47.65	5.39	Peak	171	355

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	11b	Test Freq. (MHz)	2462
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62



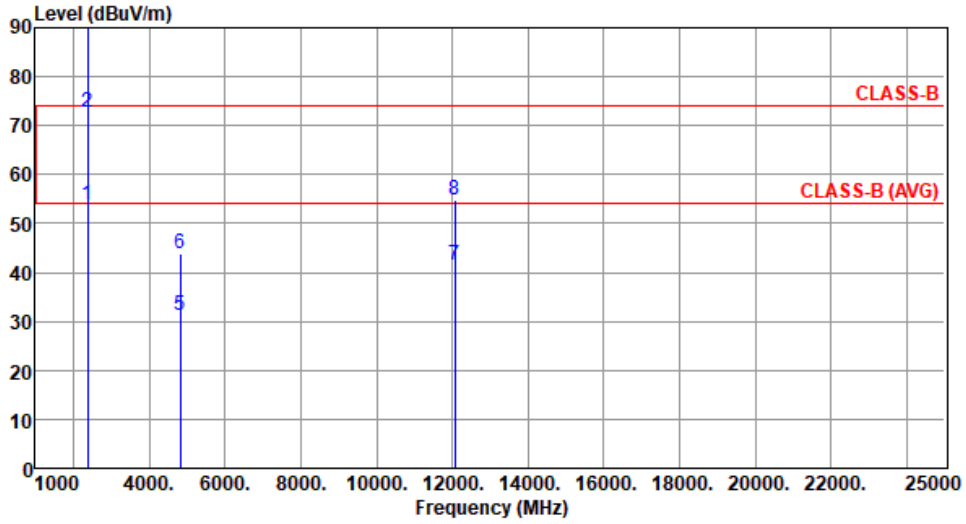
		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2310.00	48.04	54.00	-5.96	51.28	-3.24	Average	266	3
2		2310.00	60.64	74.00	-13.36	63.88	-3.24	Peak	266	3
3	*	2462.00	115.13			119.04	-3.91	Average	200	5
4	*	2462.00	117.48			121.39	-3.91	Peak	200	5
5		2483.50	45.02	54.00	-8.98	48.88	-3.86	Average	200	5
6		2483.50	56.87	74.00	-17.13	60.73	-3.86	Peak	200	5
7		4924.00	35.35	54.00	-18.65	35.28	0.07	Average	359	323
8		4924.00	45.51	74.00	-28.49	45.44	0.07	Peak	359	323
9		7386.00	40.90	54.00	-13.10	35.51	5.39	Average	108	43
10		7386.00	52.18	74.00	-21.82	46.79	5.39	Peak	108	43

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Unwanted Emissions (Above 1GHz) for 11g

Modulation	11g	Test Freq. (MHz)	2412
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):25 Humidity(%):62

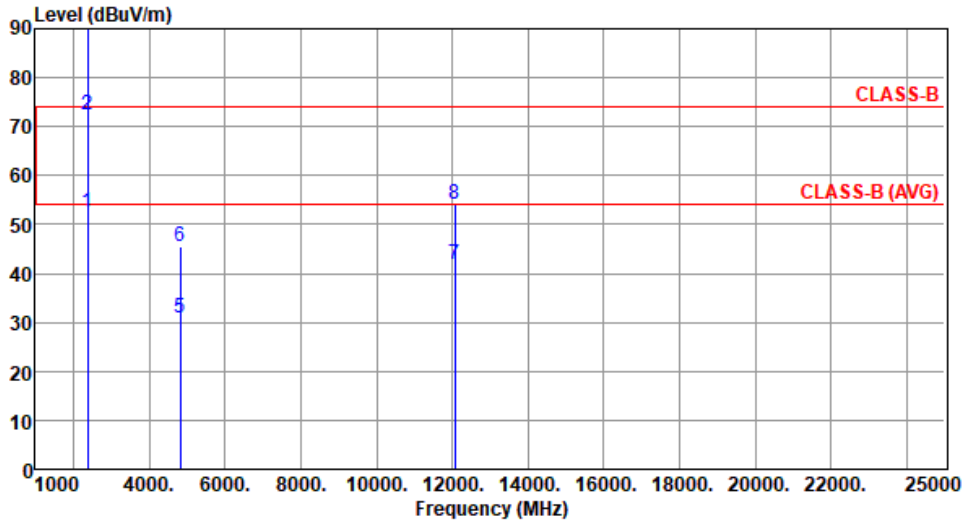


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2390.00	53.72	54.00	-0.28	57.29	-3.57	Average	139	52
2		2390.00	72.64	74.00	-1.36	76.21	-3.57	Peak	139	52
3	*	2412.00	112.35			115.95	-3.60	Average	139	52
4	*	2412.00	122.27			125.87	-3.60	Peak	139	52
5		4824.00	31.18	54.00	-22.82	31.00	0.18	Average	100	110
6		4824.00	43.89	74.00	-30.11	43.71	0.18	Peak	100	110
7		12060.00	41.54	54.00	-12.46	33.69	7.85	Average	100	334
8		12060.00	54.85	74.00	-19.15	47.00	7.85	Peak	100	334

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	11g	Test Freq. (MHz)	2412
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):25 Humidity(%):62

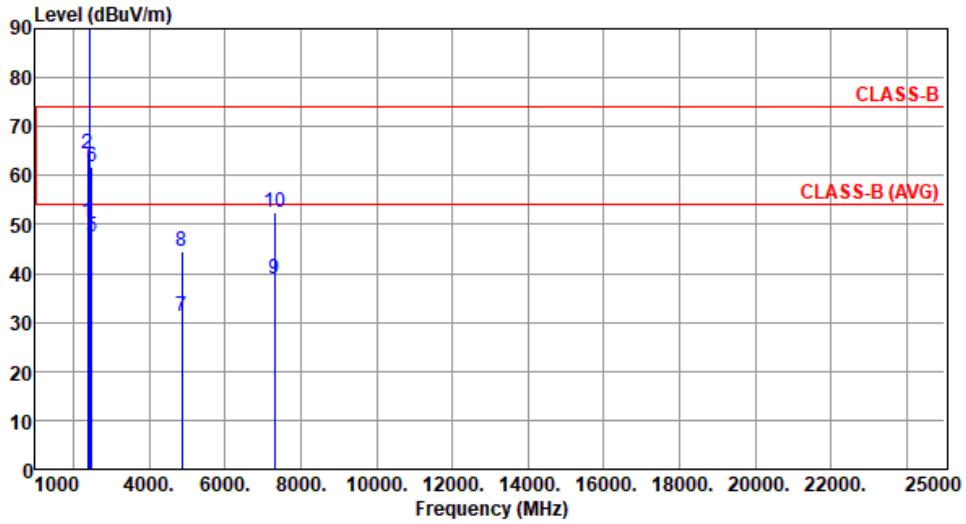


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2390.00	52.53	54.00	-1.47	56.10	-3.57	Average	168	356
2		2390.00	72.26	74.00	-1.74	75.83	-3.57	Peak	168	356
3	*	2412.00	110.98			114.58	-3.60	Average	168	356
4	*	2412.00	121.28			124.88	-3.60	Peak	168	356
5		4824.00	31.05	54.00	-22.95	30.87	0.18	Average	100	285
6		4824.00	45.38	74.00	-28.62	45.20	0.18	Peak	100	285
7		12060.00	41.86	54.00	-12.14	34.01	7.85	Average	100	166
8		12060.00	54.07	74.00	-19.93	46.22	7.85	Peak	100	166

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	11g	Test Freq. (MHz)	2437
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):25 Humidity(%):62

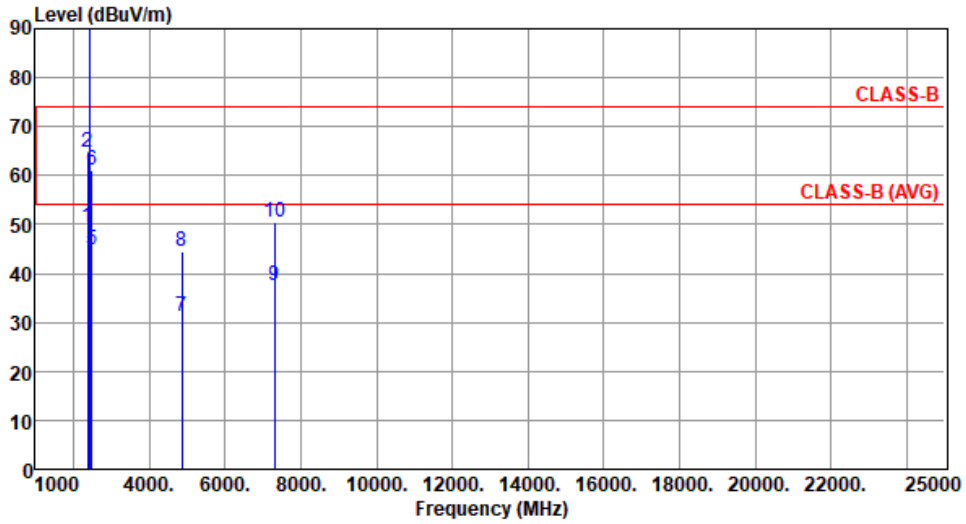


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2390.00	50.57	54.00	-3.43	54.14	-3.57	Average	124	51
2		2390.00	64.37	74.00	-9.63	67.94	-3.57	Peak	124	51
3	*	2437.00	113.00			116.70	-3.70	Average	124	51
4	*	2437.00	123.21			126.91	-3.70	Peak	124	51
5		2483.50	47.49	54.00	-6.51	51.35	-3.86	Average	124	51
6		2483.50	61.93	74.00	-12.07	65.79	-3.86	Peak	124	51
7		4874.00	31.28	54.00	-22.72	31.15	0.13	Average	100	106
8		4874.00	44.39	74.00	-29.61	44.26	0.13	Peak	100	106
9		7311.00	38.98	54.00	-15.02	33.53	5.45	Average	100	28
10		7311.00	52.59	74.00	-21.41	47.14	5.45	Peak	100	28

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	11g	Test Freq. (MHz)	2437
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):25 Humidity(%):62

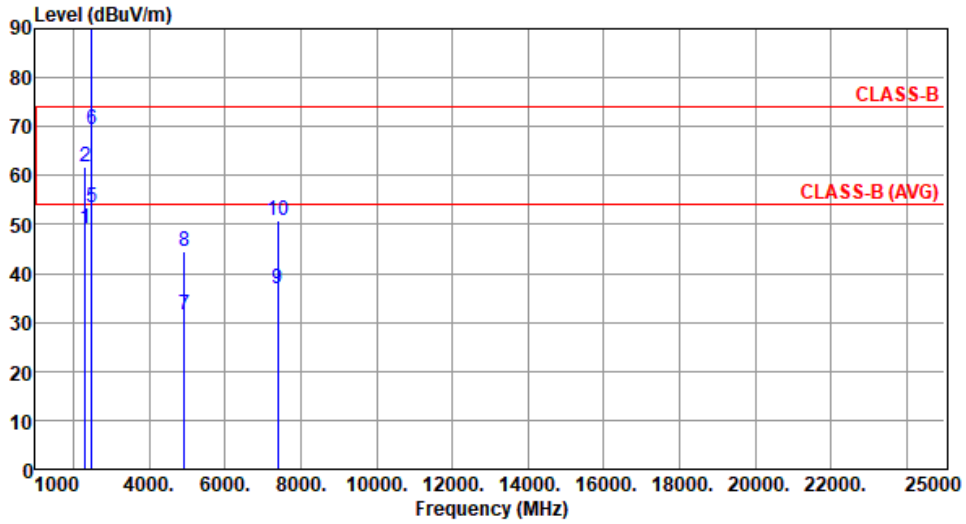


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2390.00	49.62	54.00	-4.38	53.19	-3.57	Average	167	356
2		2390.00	64.71	74.00	-9.29	68.28	-3.57	Peak	167	356
3	*	2437.00	111.42			115.12	-3.70	Average	167	356
4	*	2437.00	121.43			125.13	-3.70	Peak	167	356
5		2483.50	44.96	54.00	-9.04	48.82	-3.86	Average	167	356
6		2483.50	61.08	74.00	-12.92	64.94	-3.86	Peak	167	356
7		4874.00	31.21	54.00	-22.79	31.08	0.13	Average	100	282
8		4874.00	44.55	74.00	-29.45	44.42	0.13	Peak	100	282
9		7311.00	37.42	54.00	-16.58	31.97	5.45	Average	100	131
10		7311.00	50.59	74.00	-23.41	45.14	5.45	Peak	100	131

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	11g	Test Freq. (MHz)	2462
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):25 Humidity(%):62

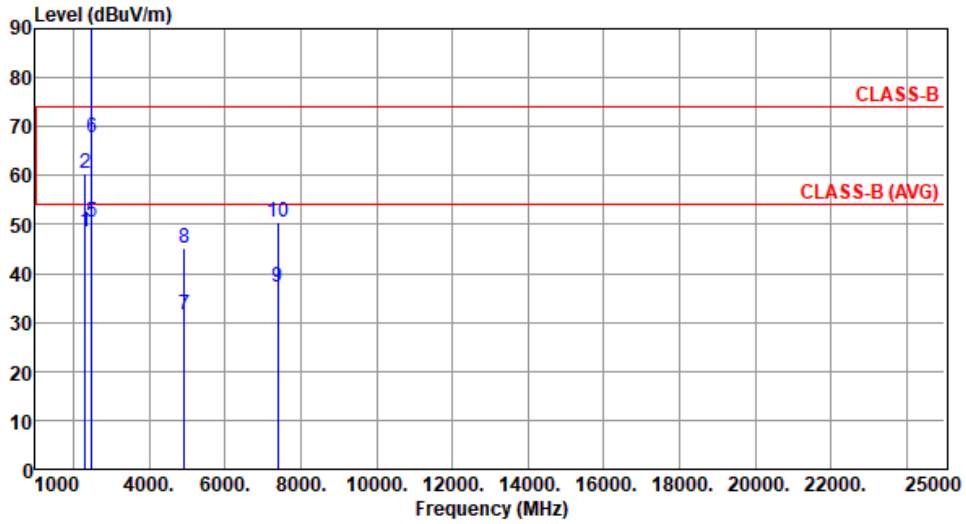


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2310.00	49.24	54.00	-4.76	52.48	-3.24	Average	141	57
2		2310.00	61.74	74.00	-12.26	64.98	-3.24	Peak	141	57
3	*	2462.00	111.03			114.94	-3.91	Average	141	57
4	*	2462.00	121.06			124.97	-3.91	Peak	141	57
5		2483.50	53.58	54.00	-0.42	57.44	-3.86	Average	141	57
6		2483.50	69.53	74.00	-4.47	73.39	-3.86	Peak	141	57
7		4924.00	31.46	54.00	-22.54	31.39	0.07	Average	100	108
8		4924.00	44.47	74.00	-29.53	44.40	0.07	Peak	100	108
9		7386.00	36.91	54.00	-17.09	31.52	5.39	Average	100	36
10		7386.00	50.72	74.00	-23.28	45.33	5.39	Peak	100	36

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	11g	Test Freq. (MHz)	2462
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):25 Humidity(%):62



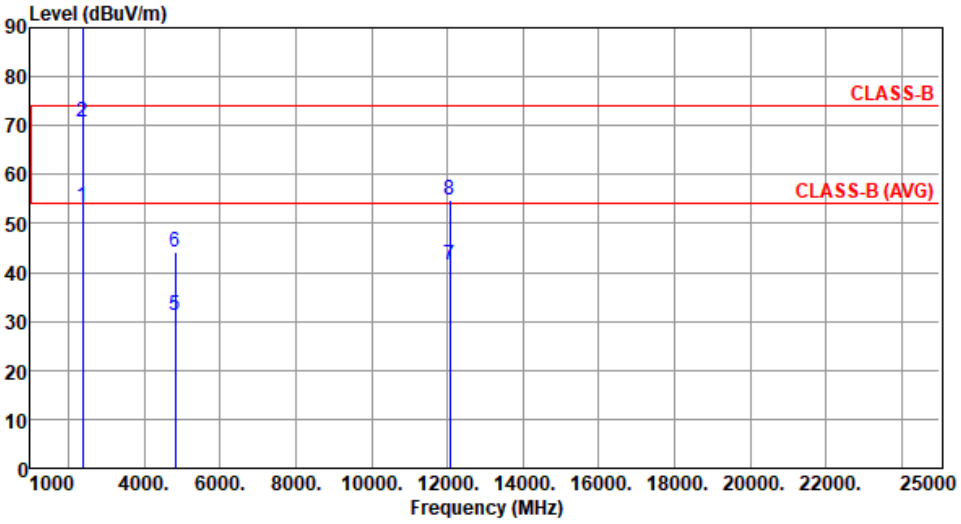
		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2310.00	48.62	54.00	-5.38	51.86	-3.24	Average	166	355
2		2310.00	60.60	74.00	-13.40	63.84	-3.24	Peak	166	355
3	*	2462.00	109.38			113.29	-3.91	Average	166	355
4	*	2462.00	119.88			123.79	-3.91	Peak	166	355
5		2483.50	50.33	54.00	-3.67	54.19	-3.86	Average	166	355
6		2483.50	67.70	74.00	-6.30	71.56	-3.86	Peak	166	355
7		4924.00	31.45	54.00	-22.55	31.38	0.07	Average	100	284
8		4924.00	45.13	74.00	-28.87	45.06	0.07	Peak	100	284
9		7386.00	37.05	54.00	-16.95	31.66	5.39	Average	100	137
10		7386.00	50.38	74.00	-23.62	44.99	5.39	Peak	100	137

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Unwanted Emissions (Above 1GHz) for be EHT20

Modulation	be EHT20	Test Freq. (MHz)	2412
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62

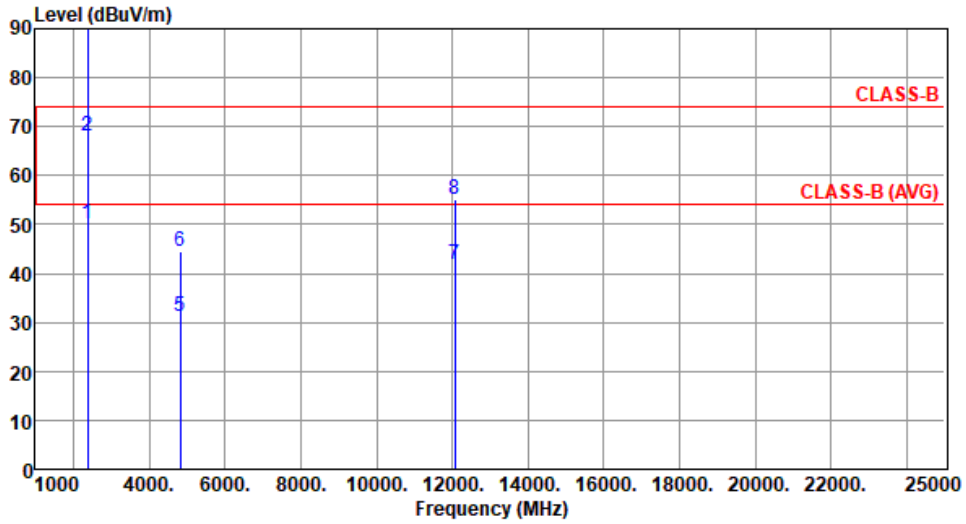


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2390.00	53.51	54.00	-0.49	57.08	-3.57	Average	115	52
2		2390.00	70.72	74.00	-3.28	74.29	-3.57	Peak	115	52
3	*	2412.00	108.70			112.30	-3.60	Average	354	52
4	*	2412.00	121.77			125.37	-3.60	Peak	354	52
5		4824.00	31.31	54.00	-22.69	31.13	0.18	Average	100	126
6		4824.00	44.06	74.00	-29.94	43.88	0.18	Peak	100	126
7		12060.00	41.61	54.00	-12.39	33.76	7.85	Average	100	105
8		12060.00	54.96	74.00	-19.04	47.11	7.85	Peak	100	105

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	be EHT20	Test Freq. (MHz)	2412
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62

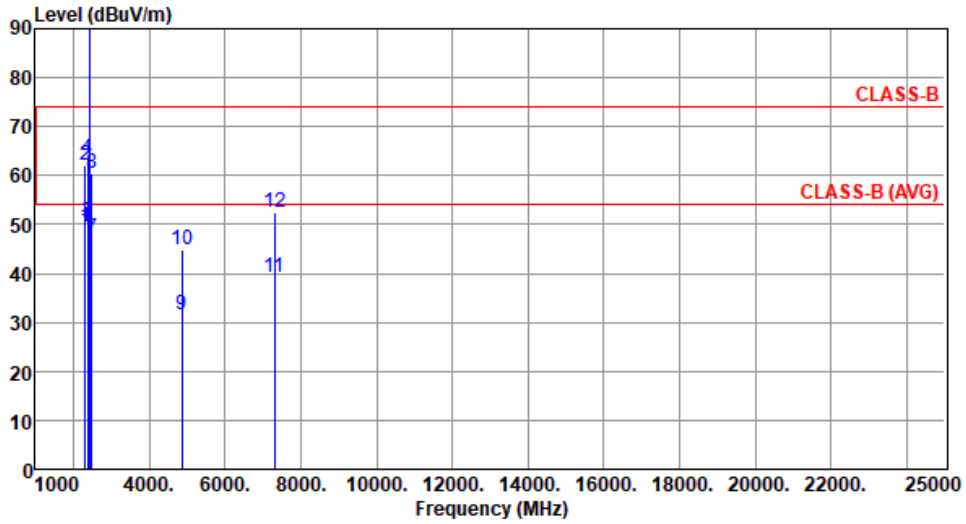


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2390.00	50.21	54.00	-3.79	53.78	-3.57	Average	350	348
2		2390.00	68.06	74.00	-5.94	71.63	-3.57	Peak	350	348
3	*	2412.00	107.48			111.08	-3.60	Average	350	348
4	*	2412.00	120.68			124.28	-3.60	Peak	350	348
5		4824.00	31.15	54.00	-22.85	30.97	0.18	Average	100	267
6		4824.00	44.47	74.00	-29.53	44.29	0.18	Peak	100	267
7		12060.00	41.78	54.00	-12.22	33.93	7.85	Average	100	51
8		12060.00	55.10	74.00	-18.90	47.25	7.85	Peak	100	51

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	be EHT20	**Test Freq. (MHz)**	2437
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62

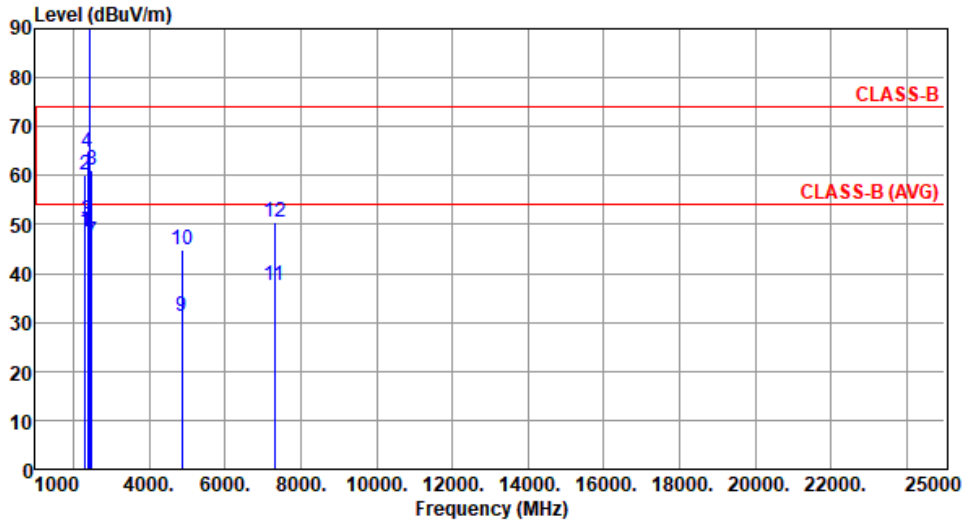


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2310.00	49.36	54.00	-4.64	52.60	-3.24	Average	217	62
2		2310.00	61.99	74.00	-12.01	65.23	-3.24	Peak	217	62
3		2390.00	50.32	54.00	-3.68	53.89	-3.57	Average	183	62
4		2390.00	63.29	74.00	-10.71	66.86	-3.57	Peak	183	62
5	*	2437.00	112.23			115.93	-3.70	Average	183	62
6	*	2437.00	125.12			128.82	-3.70	Peak	183	62
7		2483.50	47.15	54.00	-6.85	51.01	-3.86	Average	183	62
8		2483.50	60.36	74.00	-13.64	64.22	-3.86	Peak	183	62
9		4874.00	31.44	54.00	-22.56	31.31	0.13	Average	100	120
10		4874.00	44.87	74.00	-29.13	44.74	0.13	Peak	100	120
11		7311.00	39.07	54.00	-14.93	33.62	5.45	Average	100	28
12		7311.00	52.44	74.00	-21.56	46.99	5.45	Peak	100	28

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	be EHT20	**Test Freq. (MHz)**	2437
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62

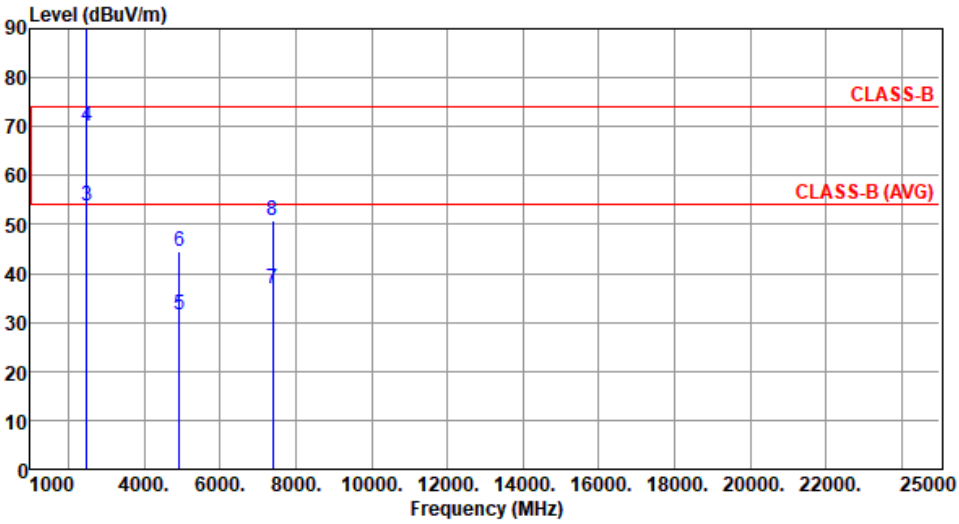


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2310.00	48.64	54.00	-5.36	51.88	-3.24	Average	217	5
2		2310.00	60.20	74.00	-13.80	63.44	-3.24	Peak	217	5
3		2390.00	50.78	54.00	-3.22	54.35	-3.57	Average	206	7
4		2390.00	64.63	74.00	-9.37	68.20	-3.57	Peak	206	7
5	*	2437.00	110.59			114.29	-3.70	Average	206	7
6	*	2437.00	122.31			126.01	-3.70	Peak	206	7
7		2483.50	46.37	54.00	-7.63	50.23	-3.86	Average	206	7
8		2483.50	61.22	74.00	-12.78	65.08	-3.86	Peak	206	7
9		4874.00	31.31	54.00	-22.69	31.18	0.13	Average	100	277
10		4874.00	44.86	74.00	-29.14	44.73	0.13	Peak	100	277
11		7311.00	37.58	54.00	-16.42	32.13	5.45	Average	100	126
12		7311.00	50.43	74.00	-23.57	44.98	5.45	Peak	100	126

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	be EHT20	Test Freq. (MHz)	2462
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62

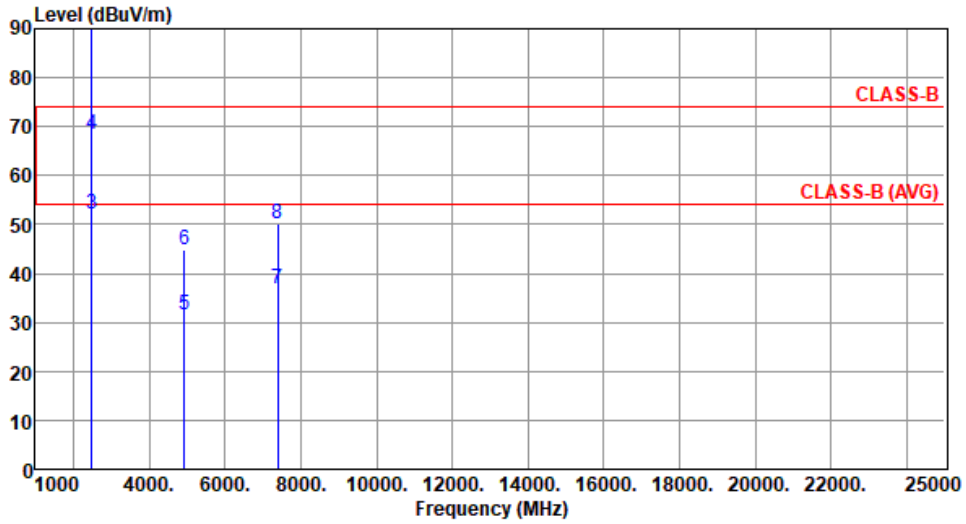


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	2462.00	108.62			112.53	-3.91	Average	336	54
2	*	2462.00	121.53			125.44	-3.91	Peak	336	54
3		2483.50	53.83	54.00	-0.17	57.69	-3.86	Average	245	54
4		2483.50	70.08	74.00	-3.92	73.94	-3.86	Peak	245	54
5		4924.00	31.52	54.00	-22.48	31.45	0.07	Average	100	117
6		4924.00	44.60	74.00	-29.40	44.53	0.07	Peak	100	117
7		7386.00	36.81	54.00	-17.19	31.42	5.39	Average	100	19
8		7386.00	50.65	74.00	-23.35	45.26	5.39	Peak	100	19

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	be EHT20	Test Freq. (MHz)	2462
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62



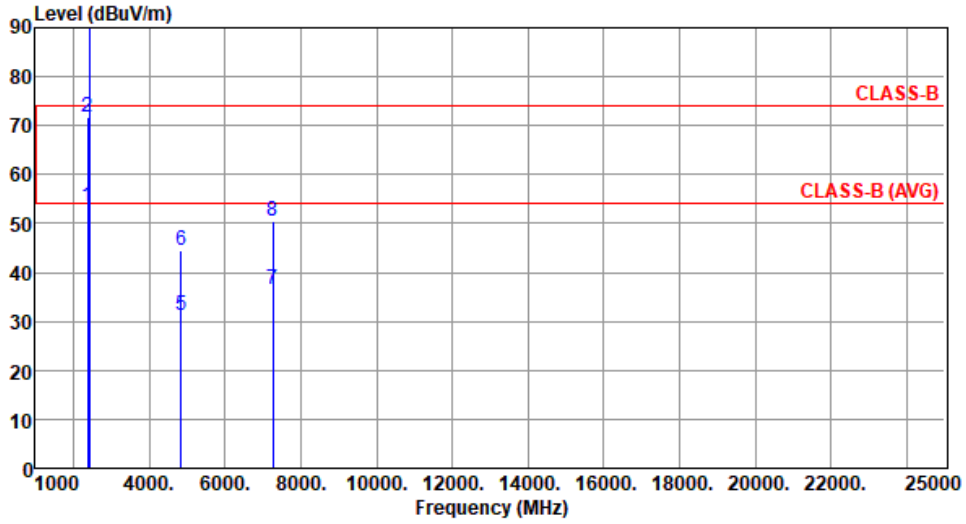
		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	2462.00	106.71			110.62	-3.91	Average	333	2
2	*	2462.00	120.04			123.95	-3.91	Peak	333	2
3		2483.50	51.98	54.00	-2.02	55.84	-3.86	Average	333	2
4		2483.50	68.43	74.00	-5.57	72.29	-3.86	Peak	333	2
5		4924.00	31.61	54.00	-22.39	31.54	0.07	Average	100	266
6		4924.00	44.88	74.00	-29.12	44.81	0.07	Peak	100	266
7		7386.00	36.74	54.00	-17.26	31.35	5.39	Average	100	132
8		7386.00	50.16	74.00	-23.84	44.77	5.39	Peak	100	132

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Unwanted Emissions (Above 1GHz) for be EHT40

Modulation	be EHT40	Test Freq. (MHz)	2422
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62

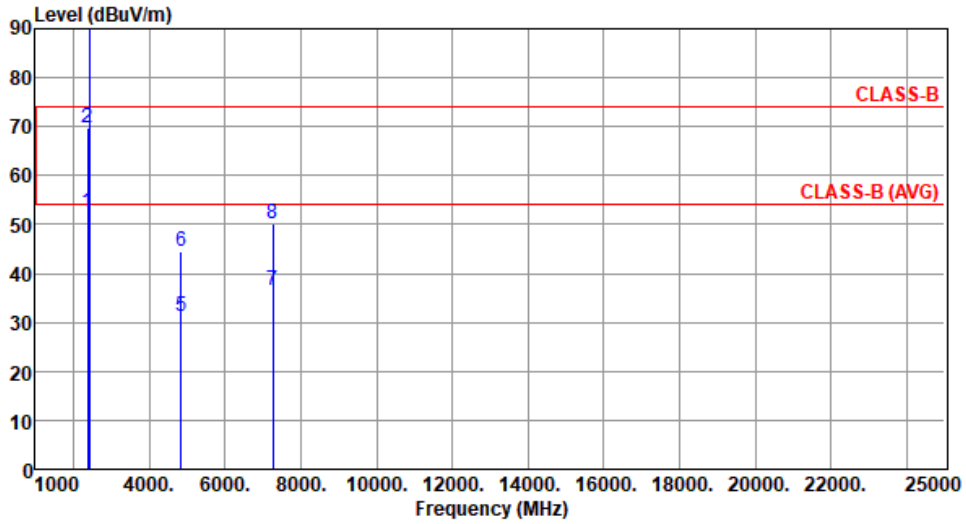


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2390.00	53.52	54.00	-0.48	57.09	-3.57	Average	189	50
2		2390.00	71.79	74.00	-2.21	75.36	-3.57	Peak	189	50
3	*	2422.00	105.14			108.82	-3.68	Average	351	50
4	*	2422.00	117.55			121.23	-3.68	Peak	351	50
5		4844.00	31.13	54.00	-22.87	30.91	0.22	Average	100	134
6		4844.00	44.49	74.00	-29.51	44.27	0.22	Peak	100	134
7		7266.00	36.55	54.00	-17.45	31.01	5.54	Average	100	51
8		7266.00	50.47	74.00	-23.53	44.93	5.54	Peak	100	51

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	be EHT40	Test Freq. (MHz)	2422
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62

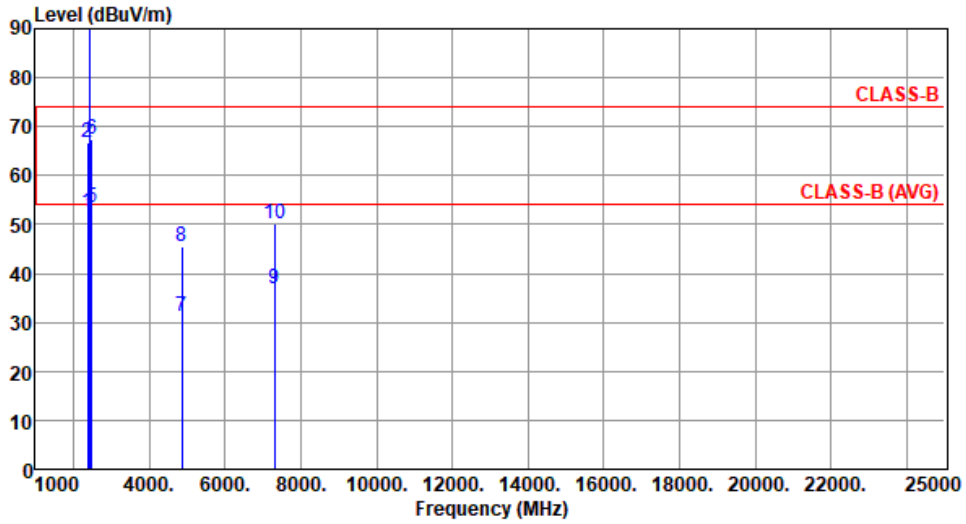


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2390.00	52.45	54.00	-1.55	56.02	-3.57	Average	252	7
2		2390.00	69.62	74.00	-4.38	73.19	-3.57	Peak	252	7
3	*	2422.00	103.78			107.46	-3.68	Average	385	7
4	*	2422.00	115.87			119.55	-3.68	Peak	385	7
5		4844.00	31.35	54.00	-22.65	31.13	0.22	Average	100	255
6		4844.00	44.62	74.00	-29.38	44.40	0.22	Peak	100	255
7		7266.00	36.56	54.00	-17.44	31.02	5.54	Average	100	98
8		7266.00	50.26	74.00	-23.74	44.72	5.54	Peak	100	98

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	be EHT40	Test Freq. (MHz)	2437
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62

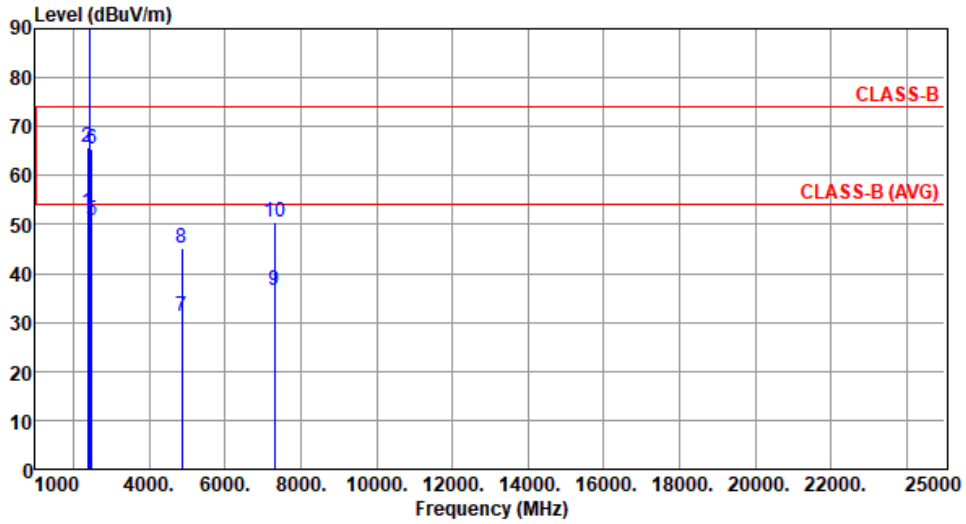


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2390.00	52.33	54.00	-1.67	55.90	-3.57	Average	318	48
2		2390.00	66.84	74.00	-7.16	70.41	-3.57	Peak	318	48
3	*	2437.00	106.75			110.45	-3.70	Average	164	48
4	*	2437.00	119.18			122.88	-3.70	Peak	164	48
5		2483.50	53.55	54.00	-0.45	57.41	-3.86	Average	100	48
6		2483.50	67.40	74.00	-6.60	71.26	-3.86	Peak	100	48
7		4874.00	31.25	54.00	-22.75	31.12	0.13	Average	100	113
8		4874.00	45.41	74.00	-28.59	45.28	0.13	Peak	100	113
9		7311.00	36.84	54.00	-17.16	31.39	5.45	Average	100	36
10		7311.00	50.02	74.00	-23.98	44.57	5.45	Peak	100	36

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	be EHT40	Test Freq. (MHz)	2437
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62

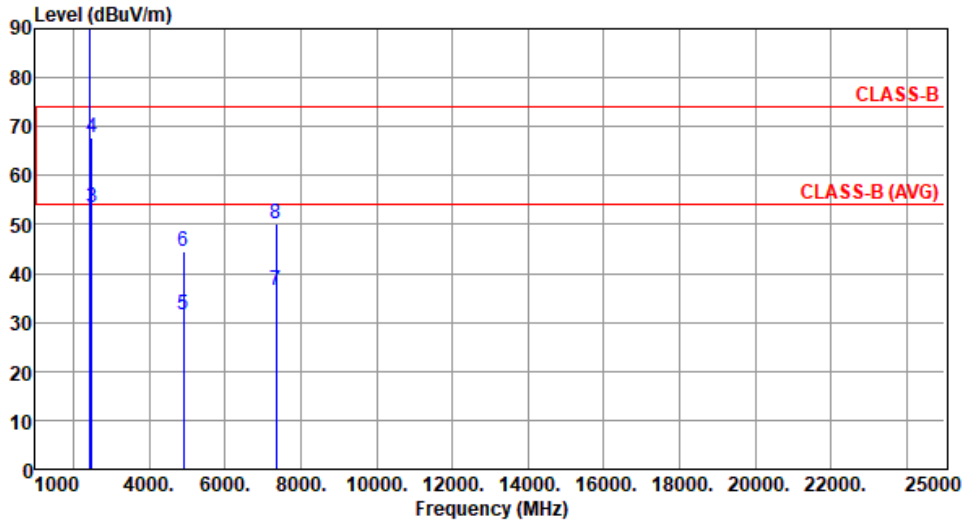


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		2390.00	52.34	54.00	-1.66	55.91	-3.57	Average	319	10
2		2390.00	65.85	74.00	-8.15	69.42	-3.57	Peak	319	10
3	*	2437.00	104.95			108.65	-3.70	Average	232	10
4	*	2437.00	118.09			121.79	-3.70	Peak	232	10
5		2483.50	50.97	54.00	-3.03	54.83	-3.86	Average	100	10
6		2483.50	65.56	74.00	-8.44	69.42	-3.86	Peak	100	10
7		4874.00	31.30	54.00	-22.70	31.17	0.13	Average	100	264
8		4874.00	45.05	74.00	-28.95	44.92	0.13	Peak	100	264
9		7311.00	36.70	54.00	-17.30	31.25	5.45	Average	100	104
10		7311.00	50.33	74.00	-23.67	44.88	5.45	Peak	100	104

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	be EHT40	Test Freq. (MHz)	2452
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62

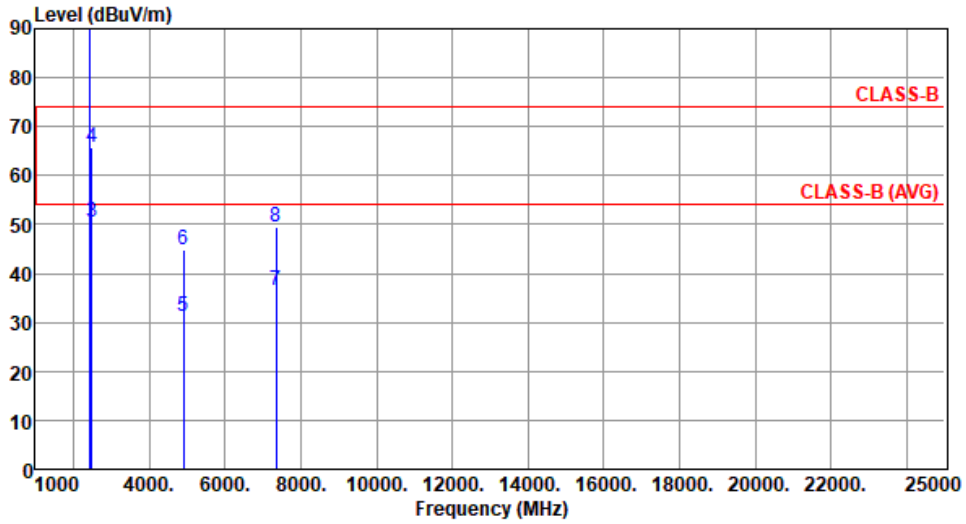


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	2452.00	104.91			108.74	-3.83	Average	343	45
2	*	2452.00	117.64			121.47	-3.83	Peak	343	45
3		2483.50	53.52	54.00	-0.48	57.38	-3.86	Average	154	45
4		2483.50	67.68	74.00	-6.32	71.54	-3.86	Peak	154	45
5		4904.00	31.53	54.00	-22.47	31.49	0.04	Average	100	120
6		4904.00	44.35	74.00	-29.65	44.31	0.04	Peak	100	120
7		7356.00	36.66	54.00	-17.34	31.25	5.41	Average	100	43
8		7356.00	50.26	74.00	-23.74	44.85	5.41	Peak	100	43

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	be EHT40	Test Freq. (MHz)	2452
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):25 Humidity(%):62



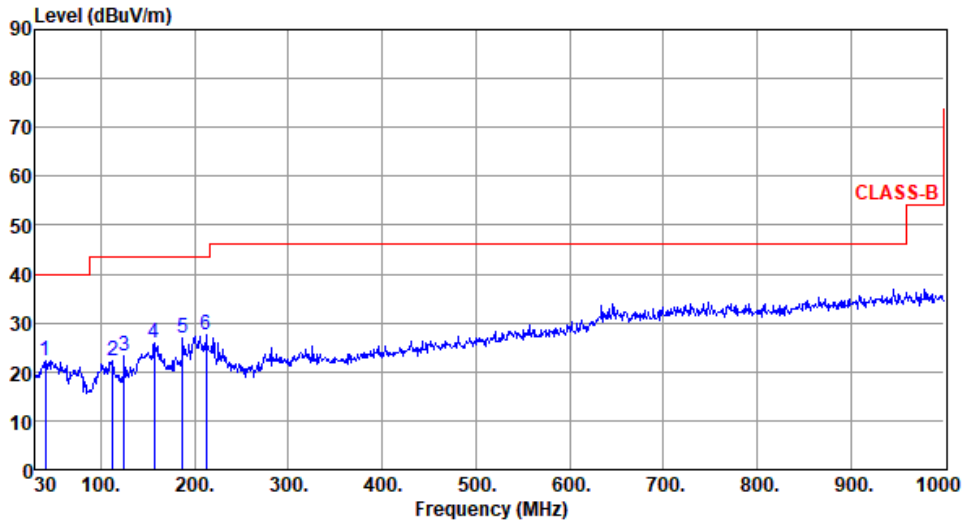
		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	2452.00	103.38			107.21	-3.83	Average	334	6
2	*	2452.00	117.06			120.89	-3.83	Peak	334	6
3		2483.50	50.58	54.00	-3.42	54.44	-3.86	Average	195	6
4		2483.50	65.75	74.00	-8.25	69.61	-3.86	Peak	195	6
5		4904.00	31.16	54.00	-22.84	31.12	0.04	Average	100	220
6		4904.00	44.86	74.00	-29.14	44.82	0.04	Peak	100	220
7		7356.00	36.58	54.00	-17.42	31.17	5.41	Average	100	112
8		7356.00	49.61	74.00	-24.39	44.20	5.41	Peak	100	112

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Adapter Mode
Unwanted Emissions (Below 1GHz)

Modulation	11b	Test Freq. (MHz)	2462
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):61

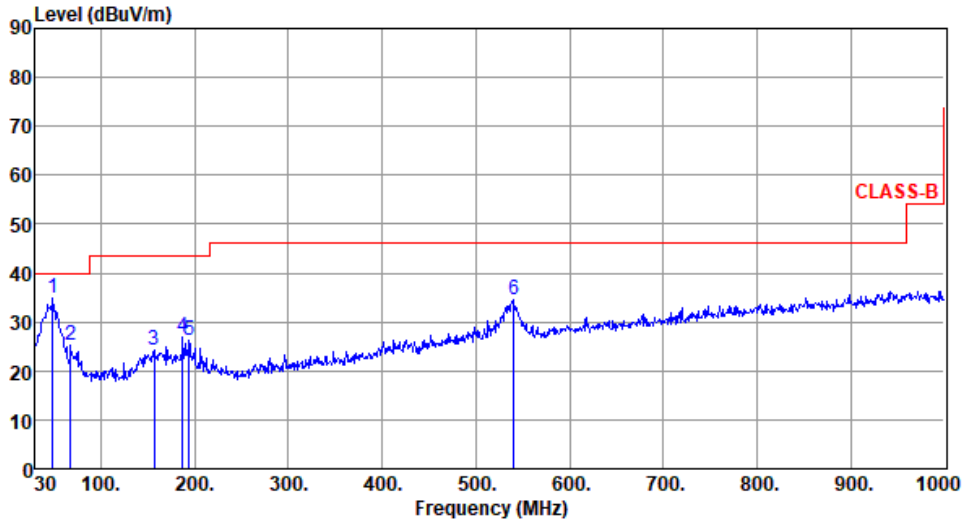


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	40.67	22.24	40.00	-17.76	31.69	-9.45	Peak	---	---
2	112.45	22.21	43.50	-21.29	33.73	-11.52	Peak	---	---
3	125.06	23.29	43.50	-20.21	33.76	-10.47	Peak	---	---
4	157.07	26.01	43.50	-17.49	34.58	-8.57	Peak	---	---
5	187.14	26.85	43.50	-16.65	37.83	-10.98	Peak	---	---
6	212.45	27.51	43.50	-15.99	39.48	-11.97	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11b	Test Freq. (MHz)	2462
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):61

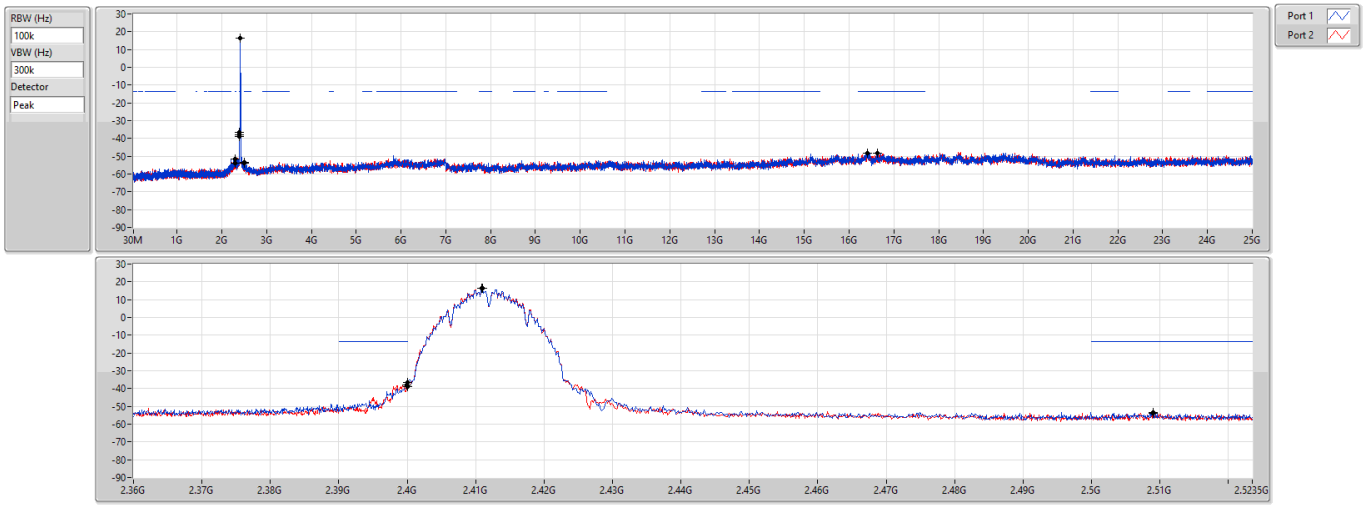


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	48.41	34.85	40.00	-5.15	43.56	-8.71	Peak	---	---
2	67.83	25.37	40.00	-14.63	35.90	-10.53	Peak	---	---
3	157.12	24.12	43.50	-19.38	32.69	-8.57	Peak	---	---
4	187.26	27.03	43.50	-16.47	38.03	-11.00	Peak	---	---
5	193.85	26.25	43.50	-17.25	37.77	-11.52	Peak	---	---
6	540.22	34.50	46.00	-11.50	36.63	-2.13	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **CSENdB**

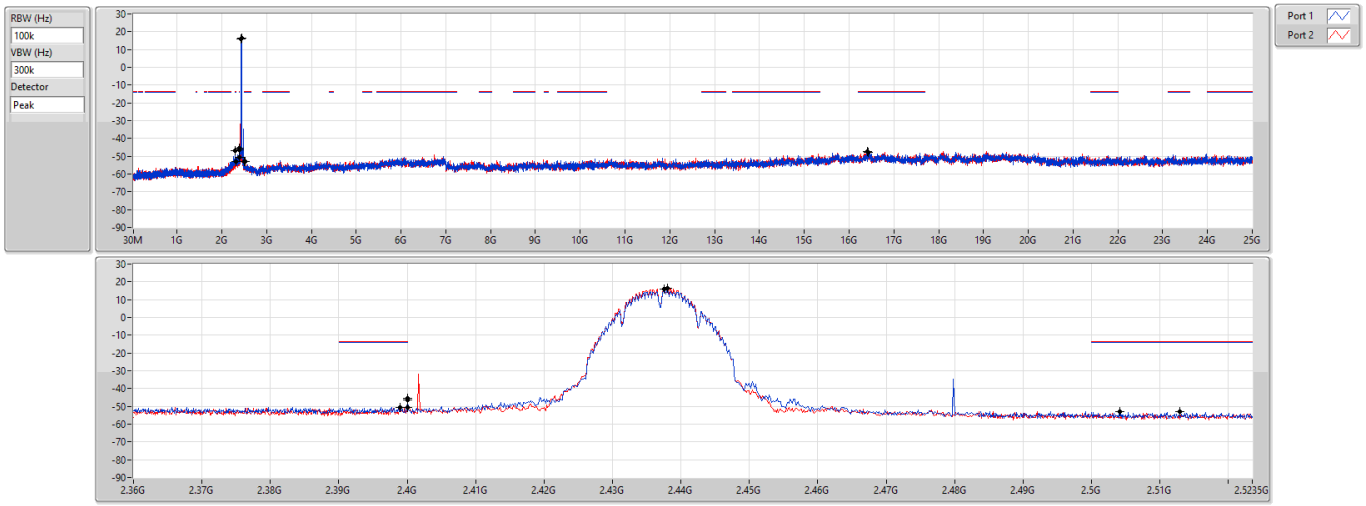
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41086G	16.28	-13.72	2.30408G	-51.59	2.4G	-36.44	2.4G	-36.55	2.50902G	-53.48	16.6275G	-48.37	1
2.41102G	16.54	-13.46	2.30525G	-54.12	2.39992G	-38.17	2.4G	-38.79	2.50902G	-54.06	16.40274G	-48.21	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **CSENdB**

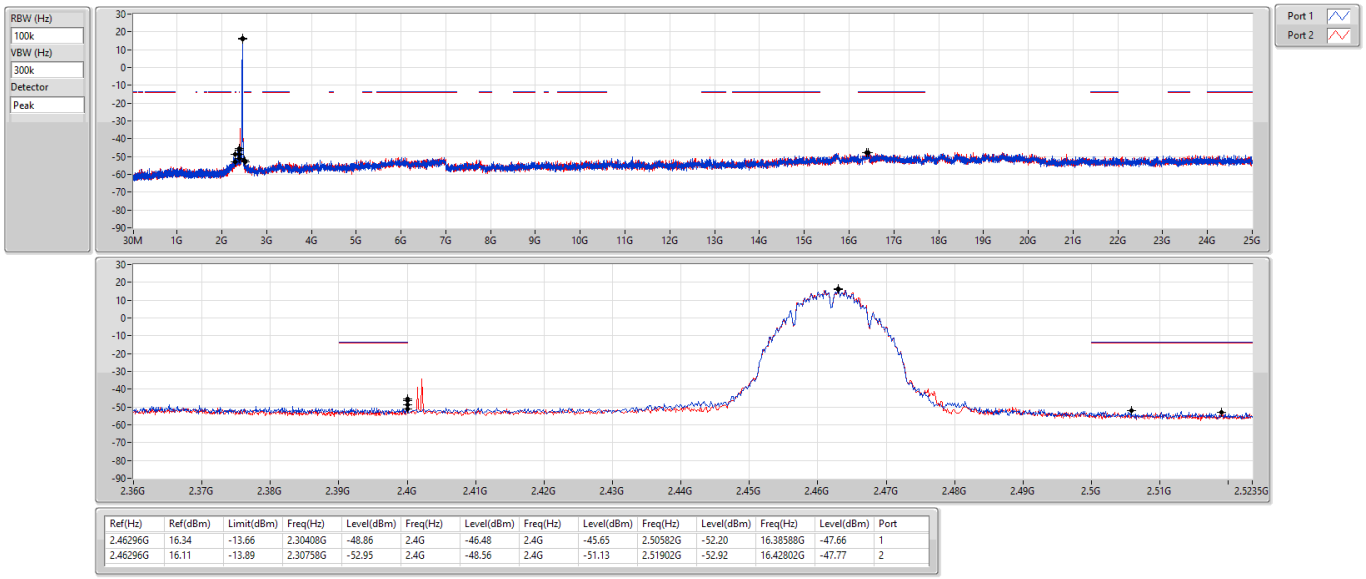
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43758G	16.06	-13.94	2.30408G	-46.70	2.4G	-46.36	2.4G	-45.47	2.50414G	-52.82	16.41117G	-47.14	1
2.43808G	16.60	-13.40	2.30991G	-52.81	2.39896G	-50.46	2.4G	-50.72	2.51294G	-53.07	16.43645G	-47.64	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **CSENdB**

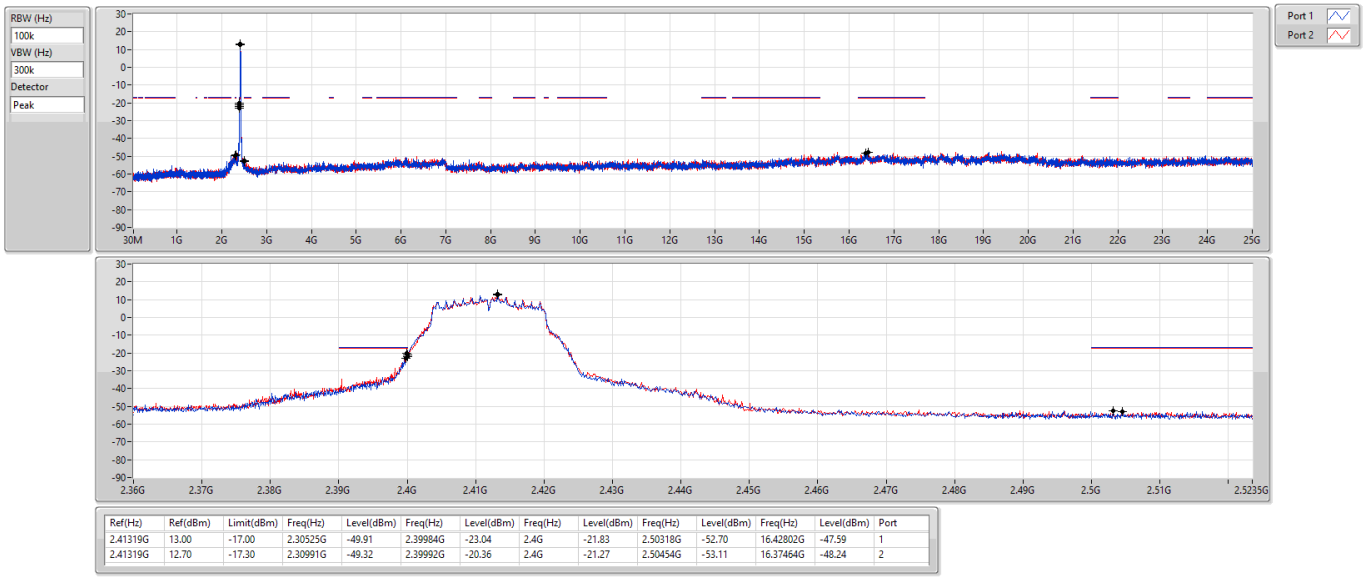
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46296G	16.34	-13.66	2.30408G	-48.86	2.4G	-46.48	2.4G	-45.65	2.50582G	-52.20	16.38588G	-47.66	1
2.46296G	16.11	-13.89	2.30758G	-52.95	2.4G	-48.56	2.4G	-51.13	2.51902G	-52.92	16.42802G	-47.77	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **CSENdB**

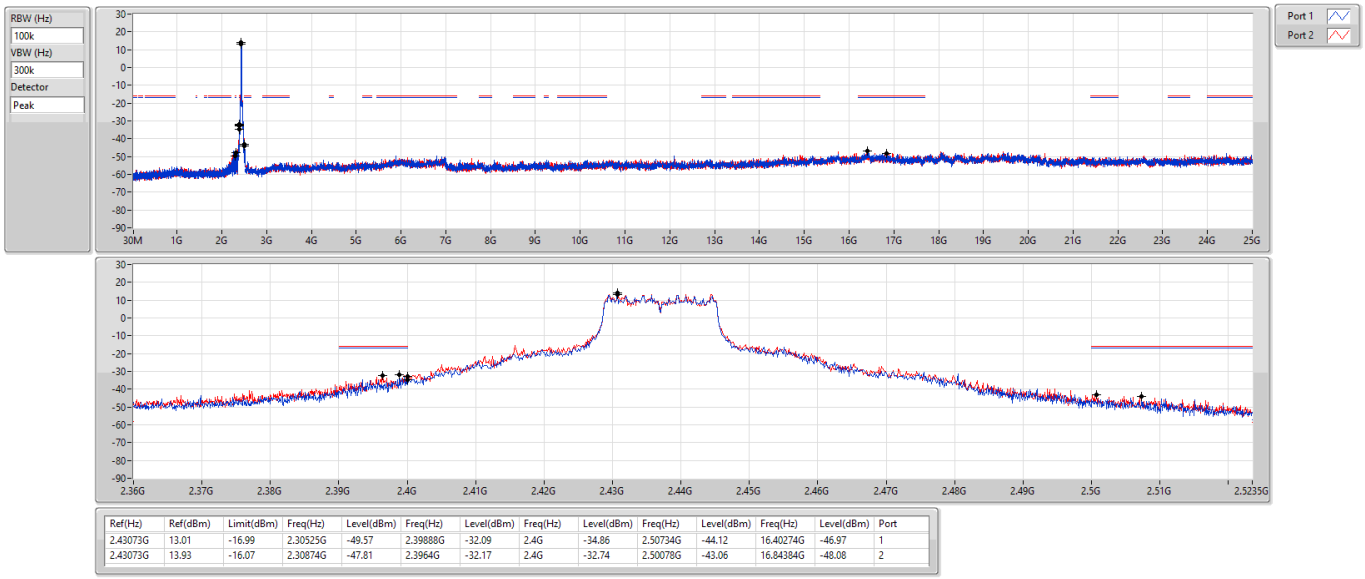
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41319G	13.00	-17.00	2.30525G	-49.91	2.39984G	-23.04	2.4G	-21.83	2.50318G	-52.70	16.42802G	-47.59	1
2.41319G	12.70	-17.30	2.30991G	-49.32	2.39992G	-20.36	2.4G	-21.27	2.50454G	-53.11	16.37464G	-48.24	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX CSENdB

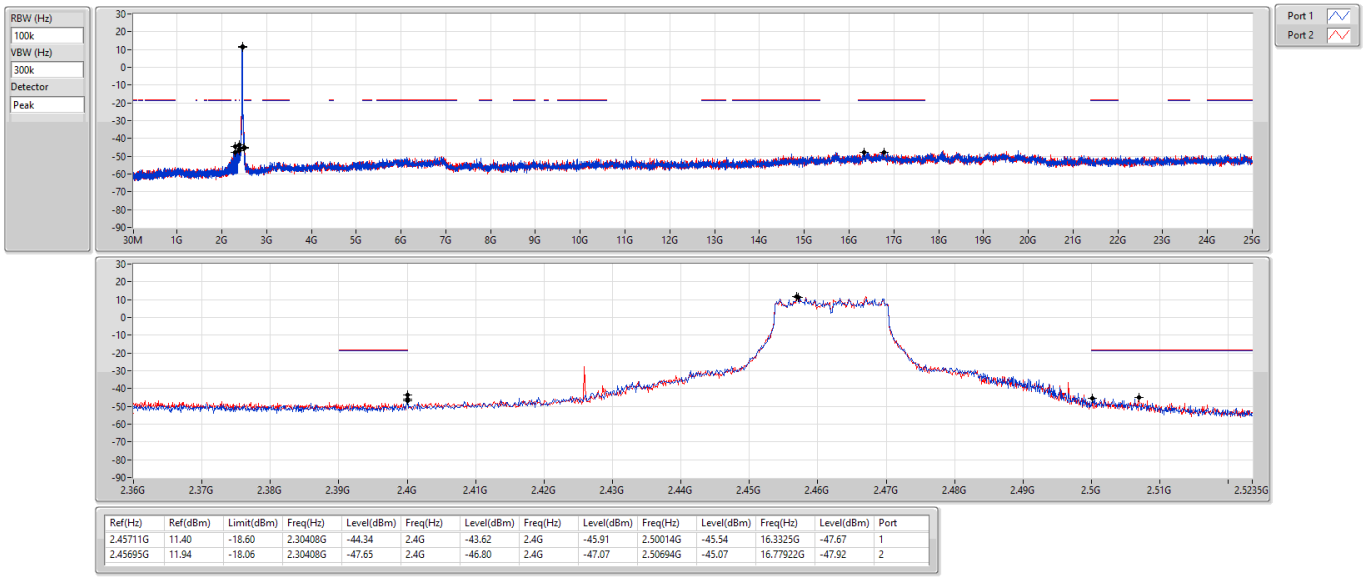
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	13.01	-16.99	2.30525G	-49.57	2.39888G	-32.09	2.4G	-34.86	2.50734G	-44.12	16.40274G	-46.97	1
2.43073G	13.93	-16.07	2.30874G	-47.81	2.3964G	-32.17	2.4G	-32.74	2.50078G	-43.06	16.84384G	-48.08	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX CSENdB

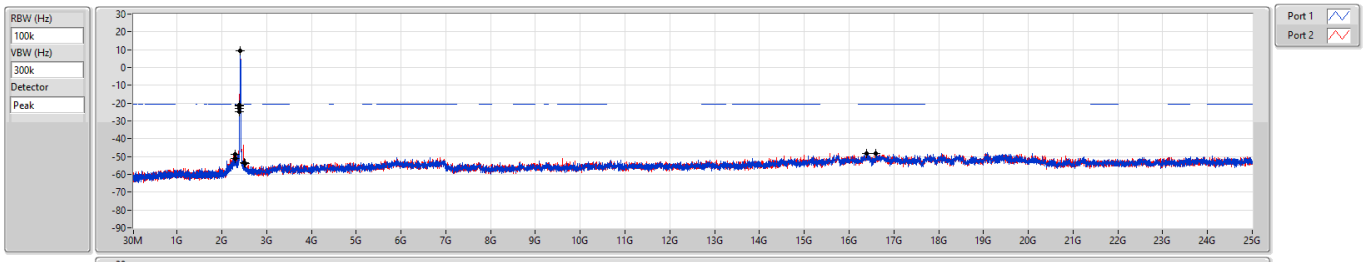
2462MHz

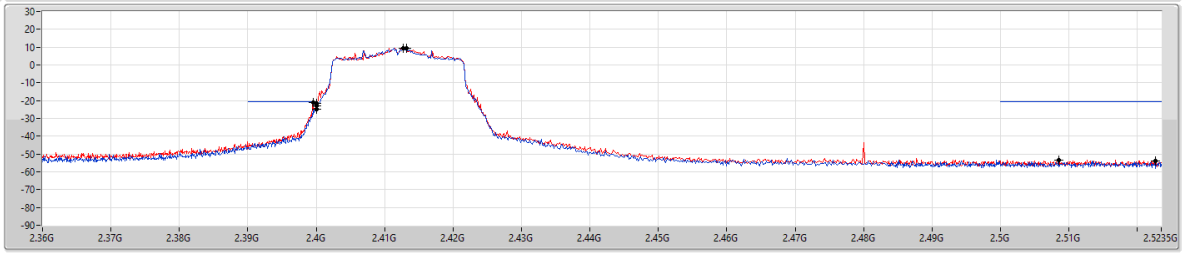


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45711G	11.40	-18.60	2.30408G	-44.34	2.4G	-43.62	2.4G	-45.91	2.50014G	-45.54	16.3325G	-47.67	1
2.45695G	11.94	-18.06	2.30408G	-47.65	2.4G	-46.80	2.4G	-47.07	2.50694G	-45.07	16.77922G	-47.92	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **CSENdB**

2412MHz

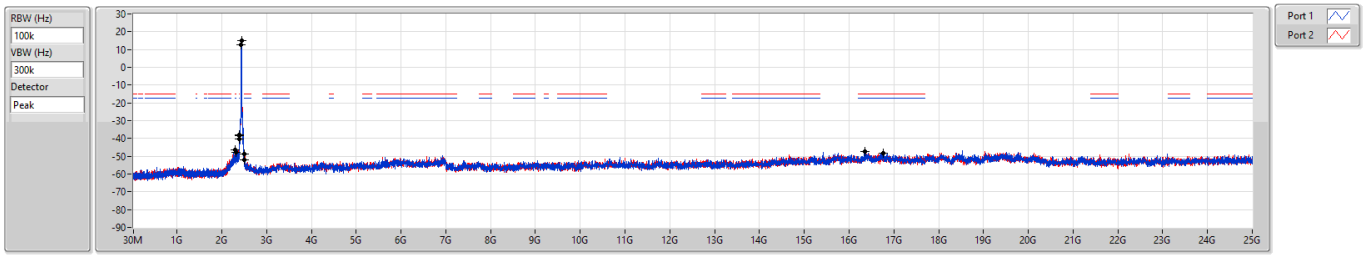


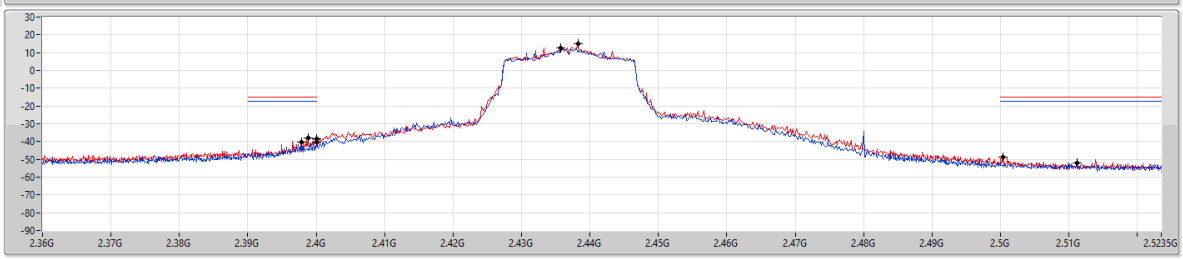


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41319G	9.54	-20.46	2.30408G	-50.91	2.4G	-24.78	2.4G	-23.11	2.52262G	-53.75	16.3915G	-48.42	1
2.41269G	9.52	-20.48	2.30175G	-48.56	2.39952G	-21.06	2.4G	-21.58	2.50854G	-53.21	16.59941G	-48.40	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **CSENdB**

2437MHz

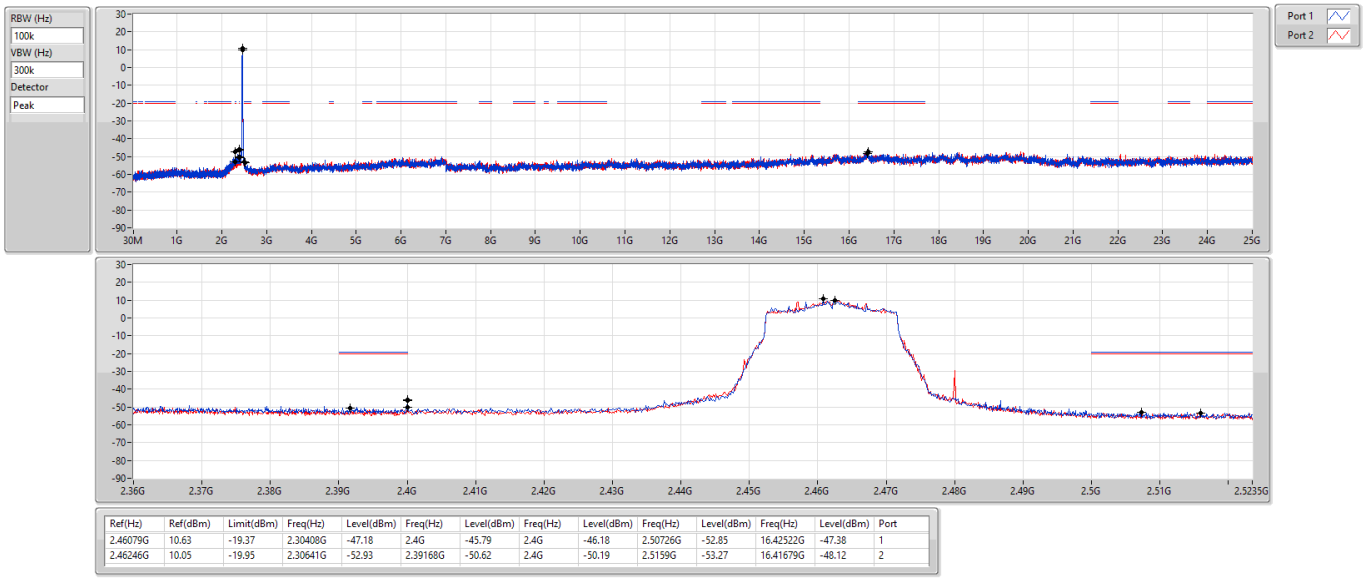




Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	12.78	-17.22	2.30408G	-46.42	2.39792G	-40.13	2.4G	-40.23	2.51126G	-52.06	16.77079G	-48.10	1
2.43824G	15.09	-14.91	2.30874G	-47.71	2.3988G	-37.86	2.4G	-38.66	2.50038G	-48.70	16.35498G	-47.33	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **CSENdB**

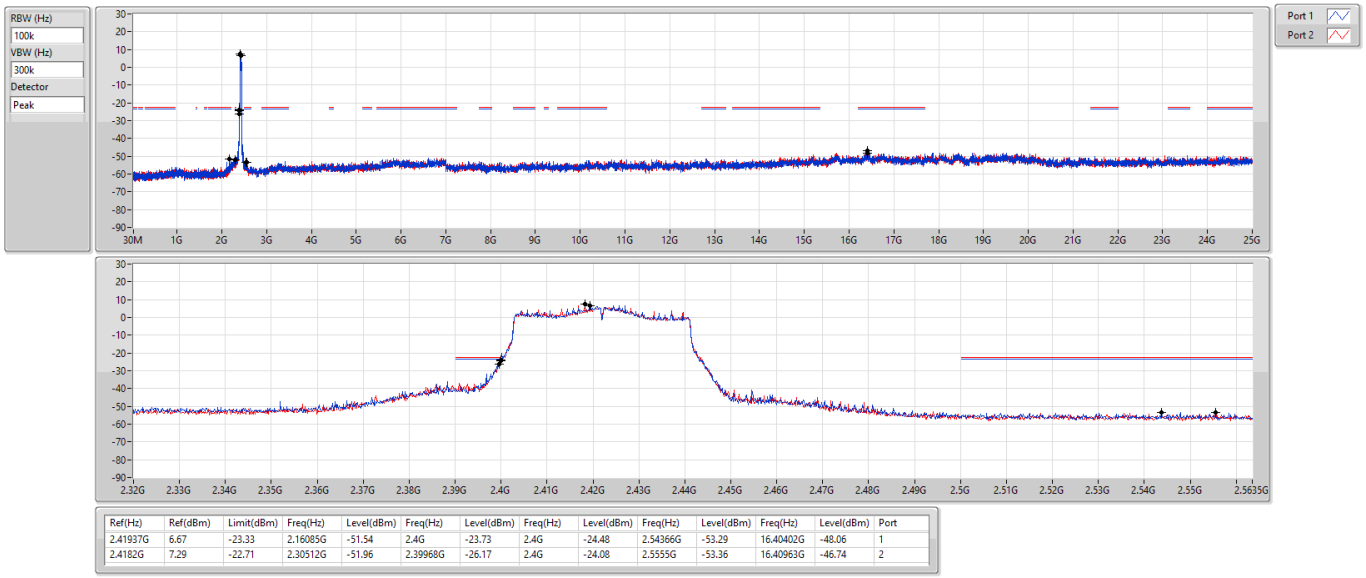
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46079G	10.63	-19.37	2.30408G	-47.18	2.4G	-45.79	2.4G	-46.18	2.50726G	-52.85	16.42522G	-47.38	1
2.46246G	10.05	-19.95	2.30641G	-52.93	2.39168G	-50.62	2.4G	-50.19	2.5159G	-53.27	16.41679G	-48.12	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **CSENdB**

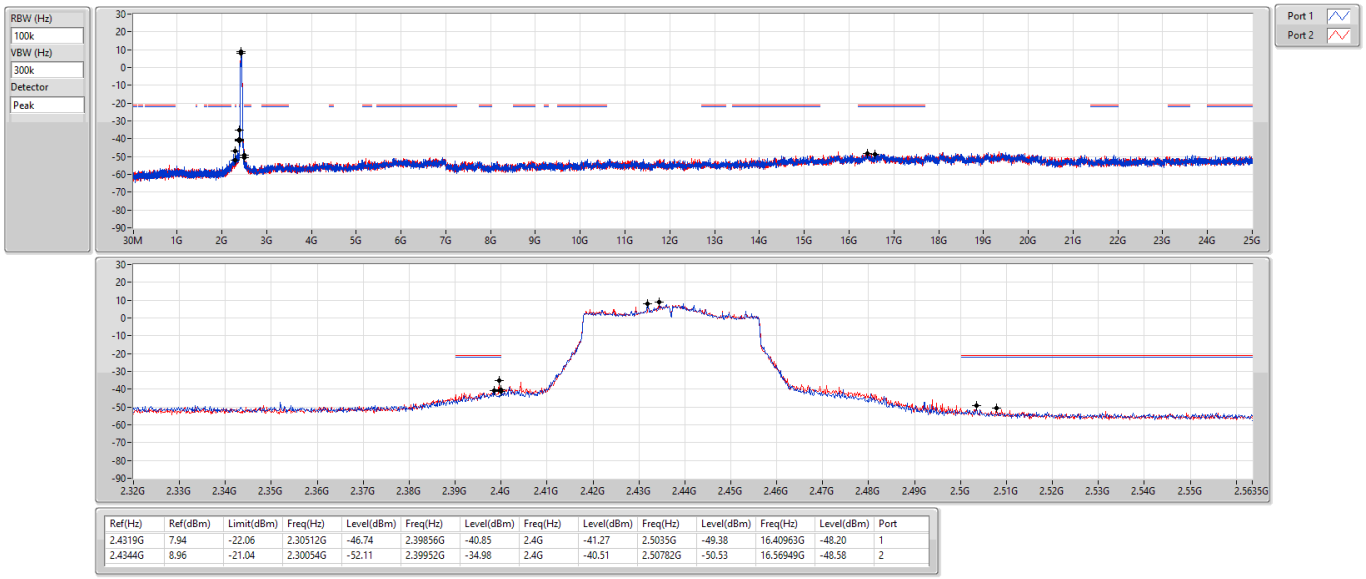
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41937G	6.67	-23.33	2.16085G	-51.54	2.4G	-23.73	2.4G	-24.48	2.54366G	-53.29	16.40402G	-48.06	1
2.4182G	7.29	-22.71	2.30512G	-51.96	2.39968G	-26.17	2.4G	-24.08	2.5555G	-53.36	16.40963G	-46.74	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **CSENdB**

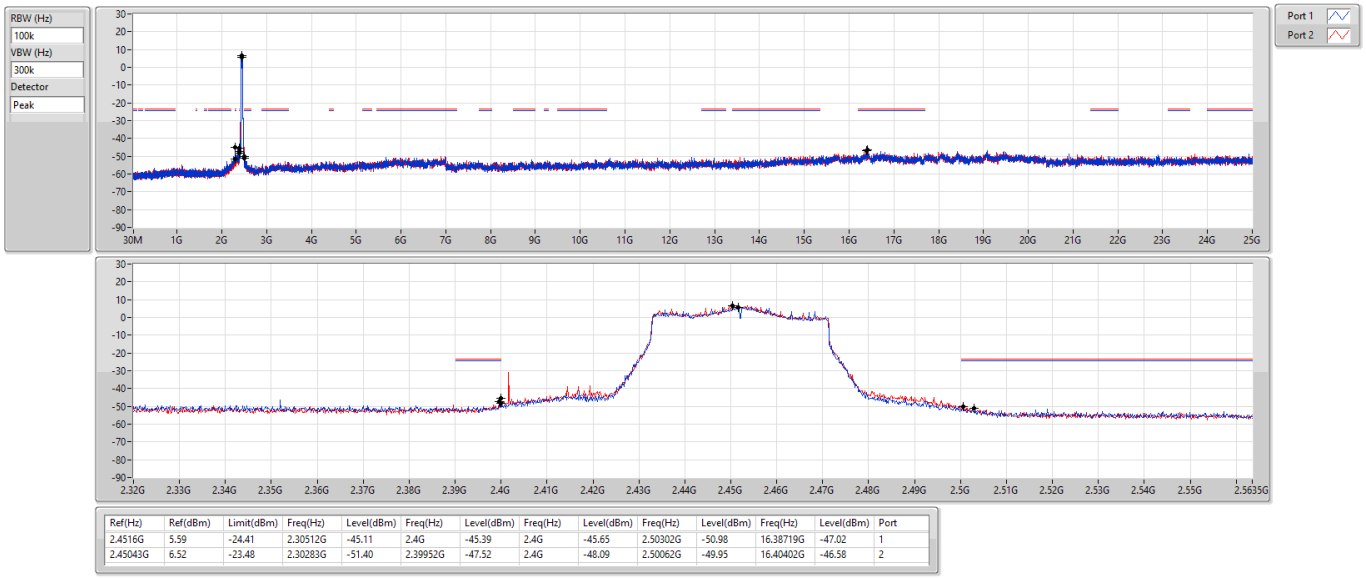
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	7.94	-22.06	2.30512G	-46.74	2.39856G	-40.85	2.4G	-41.27	2.5035G	-49.38	16.40963G	-48.20	1
2.4344G	8.96	-21.04	2.30054G	-52.11	2.39952G	-34.98	2.4G	-40.51	2.50782G	-50.53	16.56949G	-48.58	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **CSENdB**

2452MHz

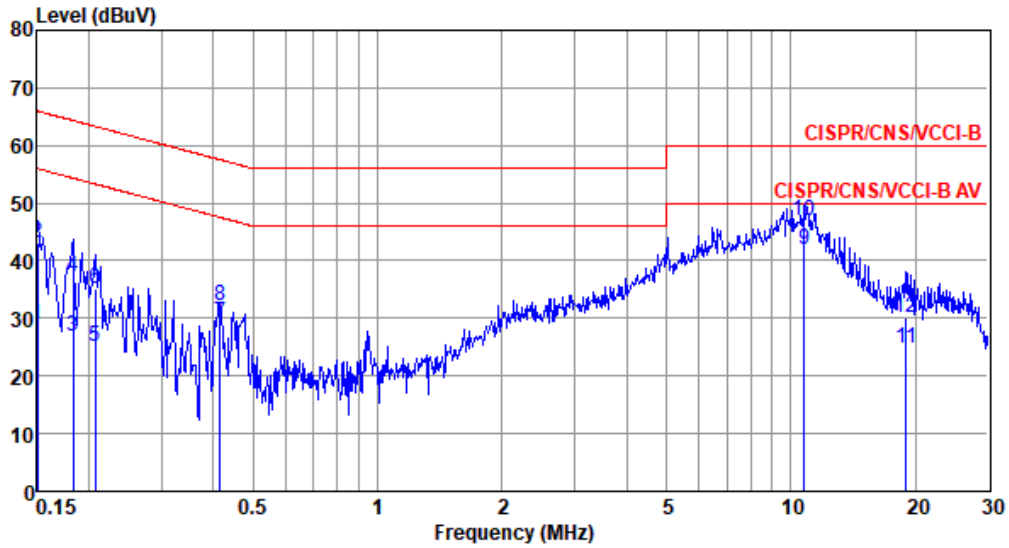


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4516G	5.59	-24.41	2.30512G	-45.11	2.4G	-45.39	2.4G	-45.65	2.50302G	-50.98	16.38719G	-47.02	1
2.45043G	6.52	-23.48	2.30283G	-51.40	2.39952G	-47.52	2.4G	-48.09	2.50062G	-49.95	16.40402G	-46.58	2

POE Mode

Modulation Mode	11b	**Test Freq. (MHz)**	2462
Power Phase	Line		

Test by : Michael Shang Temperature: 21°C Humidity: 61%

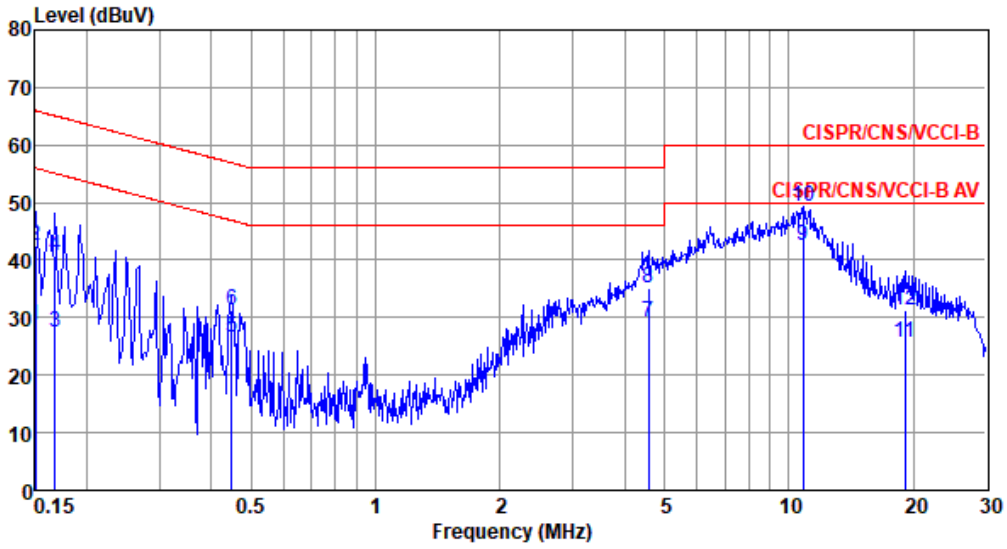


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.150	29.00	56.00	-27.00	19.27	9.65	0.08	0.00	Average
2	0.150	43.12	66.00	-22.88	33.39	9.65	0.08	0.00	QP
3	0.183	26.88	54.33	-27.45	17.15	9.65	0.08	0.00	Average
4	0.183	37.17	64.33	-27.16	27.44	9.65	0.08	0.00	QP
5	0.207	25.14	53.32	-28.18	15.41	9.65	0.08	0.00	Average
6	0.207	35.08	63.32	-28.24	25.35	9.65	0.08	0.00	QP
7	0.415	29.17	47.55	-18.38	19.44	9.64	0.09	0.00	Average
8	0.415	32.11	57.55	-25.44	22.38	9.64	0.09	0.00	QP
9*	10.790	41.87	50.00	-8.13	31.83	9.71	0.33	0.00	Average
10	10.790	47.05	60.00	-12.95	37.01	9.71	0.33	0.00	QP
11	19.021	24.71	50.00	-25.29	14.48	9.68	0.55	0.00	Average
12	19.021	30.08	60.00	-29.92	19.85	9.68	0.55	0.00	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation Mode	11b	**Test Freq. (MHz)**	2462
Power Phase	Neutral		

Test by : Michael Shang Temperature: 21°C Humidity: 61%



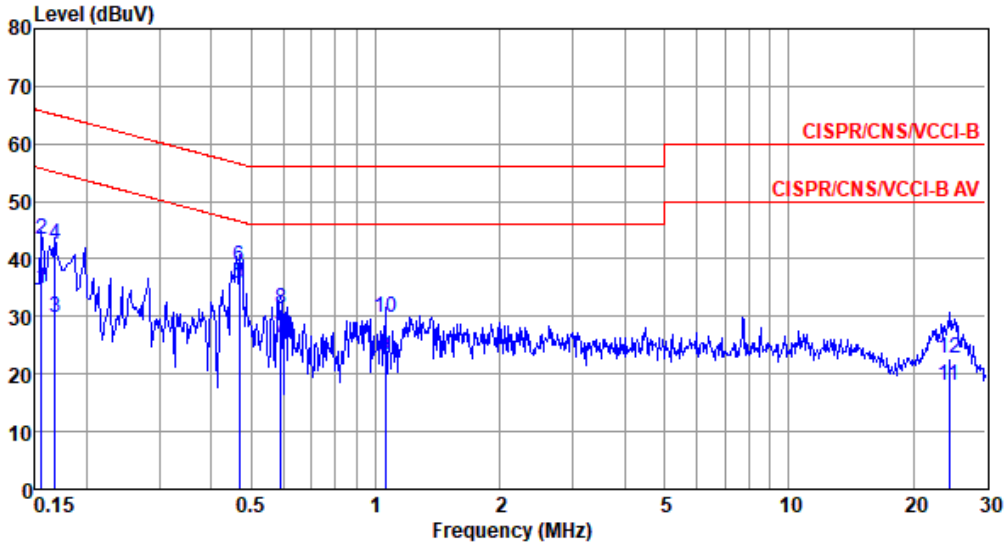
	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.150	28.50	56.00	-27.50	18.76	9.66	0.08	0.00	Average
2	0.150	42.60	66.00	-23.40	32.86	9.66	0.08	0.00	QP
3	0.168	27.53	55.08	-27.55	17.79	9.66	0.08	0.00	Average
4	0.168	40.86	65.08	-24.22	31.12	9.66	0.08	0.00	QP
5	0.449	26.51	46.89	-20.38	16.78	9.64	0.09	0.00	Average
6	0.449	31.41	56.89	-25.48	21.68	9.64	0.09	0.00	QP
7	4.574	29.18	46.00	-16.82	19.26	9.69	0.23	0.00	Average
8	4.574	35.13	56.00	-20.87	25.21	9.69	0.23	0.00	QP
9*	10.847	42.50	50.00	-7.50	32.42	9.75	0.33	0.00	Average
10	10.847	49.25	60.00	-10.75	39.17	9.75	0.33	0.00	QP
11	19.122	25.77	50.00	-24.23	15.40	9.82	0.55	0.00	Average
12	19.122	31.22	60.00	-28.78	20.85	9.82	0.55	0.00	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Adapter Mode

Modulation Mode	11b	**Test Freq. (MHz)**	2462
Power Phase	Line		

Test by : Michael Shang Temperature: 21°C Humidity: 61%

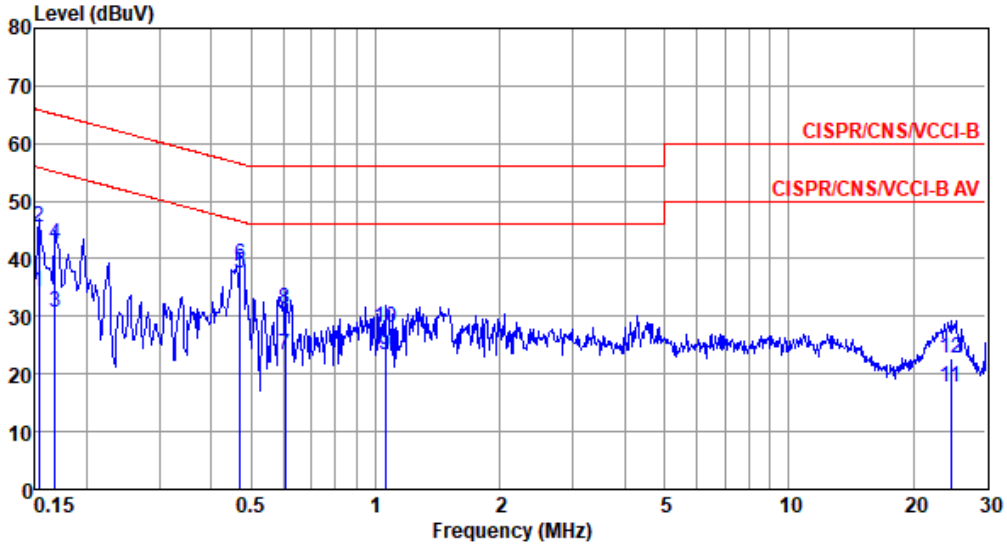


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.156	34.97	55.69	-20.72	25.02	9.65	0.08	0.22	Average
2	0.156	43.39	65.69	-22.30	33.44	9.65	0.08	0.22	QP
3	0.168	29.84	55.08	-25.24	19.88	9.65	0.08	0.23	Average
4	0.168	42.62	65.08	-22.46	32.66	9.65	0.08	0.23	QP
5*	0.469	35.73	46.54	-10.81	25.67	9.64	0.09	0.33	Average
6	0.469	38.57	56.54	-17.97	28.51	9.64	0.09	0.33	QP
7	0.589	26.24	46.00	-19.76	16.16	9.64	0.09	0.35	Average
8	0.589	31.15	56.00	-24.85	21.07	9.64	0.09	0.35	QP
9	1.054	22.92	46.00	-23.08	12.77	9.65	0.10	0.40	Average
10	1.054	29.87	56.00	-26.13	19.72	9.65	0.10	0.40	QP
11	24.400	17.86	50.00	-32.14	6.85	9.66	0.62	0.73	Average
12	24.400	22.63	60.00	-37.37	11.62	9.66	0.62	0.73	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation Mode	11b	**Test Freq. (MHz)**	2462
Power Phase	Neutral		

Test by : Michael Shang Temperature: 21°C Humidity: 61%



	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.153	34.23	55.82	-21.59	24.35	9.66	0.08	0.14	Average
2	0.153	45.50	65.82	-20.32	35.62	9.66	0.08	0.14	QP
3	0.168	30.76	55.08	-24.32	20.86	9.66	0.08	0.16	Average
4	0.168	42.37	65.08	-22.71	32.47	9.66	0.08	0.16	QP
5*	0.471	37.47	46.49	-9.02	27.46	9.64	0.09	0.28	Average
6	0.471	38.99	56.49	-17.50	28.98	9.64	0.09	0.28	QP
7	0.604	23.39	46.00	-22.61	13.36	9.64	0.09	0.30	Average
8	0.604	31.30	56.00	-24.70	21.27	9.64	0.09	0.30	QP
9	1.054	23.35	46.00	-22.65	13.25	9.65	0.10	0.35	Average
10	1.054	28.11	56.00	-27.89	18.01	9.65	0.10	0.35	QP
11	24.659	17.77	50.00	-32.23	6.62	9.85	0.63	0.67	Average
12	24.659	22.85	60.00	-37.15	11.70	9.85	0.63	0.67	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).