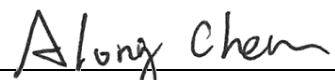


FCC Test Report

FCC ID : I88WE4600-00
Equipment : Tri-Band Wireless BE19000 2.5G Extender
Model No. : WE4600-00
Brand Name : ZYXEL
Applicant : Zyxel Communications Corporation
Address : No.2 Industry East RD. IX, Hsinchu Science
Park, Hsinchu 30075, Taiwan
Standard : 47 CFR FCC Part 15.247
Received Date : Dec. 05, 2024
Tested Date : Mar. 14 ~ Mar. 28, 2025

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:


Along Chen / Assistant Manager

Approved by:

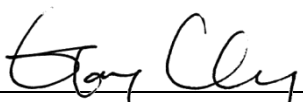

Gary Chang / Manager

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Appendix A. 6dB and Occupied Bandwidth

Appendix B. Conducted Output Power

Appendix C. Power Spectral Density

Appendix D. Unwanted Emissions into Restricted Frequency Bands

Appendix E. Emissions in Non-Restricted Frequency Bands

Appendix F. AC Power Line Conducted Emissions

Release Record

Report No.	Version	Description	Issued Date
FR4D0501-01AC	Rev. 01	Initial issue	Aug. 19, 2025

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emission	[dBuV]: 0.171MHz 54.89 (Margin -10.01dB) - QP	Pass
15.247(d) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 2483.50MHz 53.85 (Margin -0.15dB) - AV	Pass
15.247(b)(3)	Conducted Output Power	Non-beamforming mode Max Power [dBm]: 29.24 Beamforming mode Max Power [dBm]: 26.20	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 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]	4	1-11 Mbps
2400-2483.5	g	2412-2462	1-11 [11]	4	6-54 Mbps
2400-2483.5	n (HT20)	2412-2462	1-11 [11]	4	MCS 0-31
2400-2483.5	n (HT40)	2422-2452	3-9 [7]	4	MCS 0-31
2400-2483.5	ax (HE20)	2412-2462	1-11 [11]	4	MCS 0-11
2400-2483.5	ax (HE40)	2422-2452	3-9 [7]	4	MCS 0-11
2400-2483.5	be (EHT20)	2412-2462	1-11 [11]	4	MCS 0-13
2400-2483.5	be (EHT40)	2422-2452	3-9 [7]	4	MCS 0-13

Note 1: RF output power specifies that Maximum Conducted (Average) Output Power.
 Note 2: DSSS-DBPSK, DQPSK, CCK modulation
 OFDM - BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM and 4096QAM modulation.

1.1.2 Configuration of Equipment under Test (EUT)

Power Supply Type	12Vdc from adapter	
Beamforming	☒ Support	☐ Not support
RU Configuration	☒ Full RU	☐ Partial RU

1.1.3 Chip

CPU	Model: MT7988D
Wi-Fi 2.4GHz Chip	Model: MT7975N
Wi-Fi 5GHz Chip	Model: MT7977iBN
Wi-Fi 6GHz Chip	Model: MT7977iAN

1.1.4 Accessories

Accessories		
No.	Equipment	Description
1	AC adapter	Brand: FRECOM Model: FC030A05-120025U Power Rating: I/P: 100-240V~ 50/60Hz, 1.2A O/P: 12.0V= 2.5A, 30.0W Power line: 1.5m non-shielded without core
2	RJ45 cable	1.5m non-shielded without core

1.1.5 Antenna Details

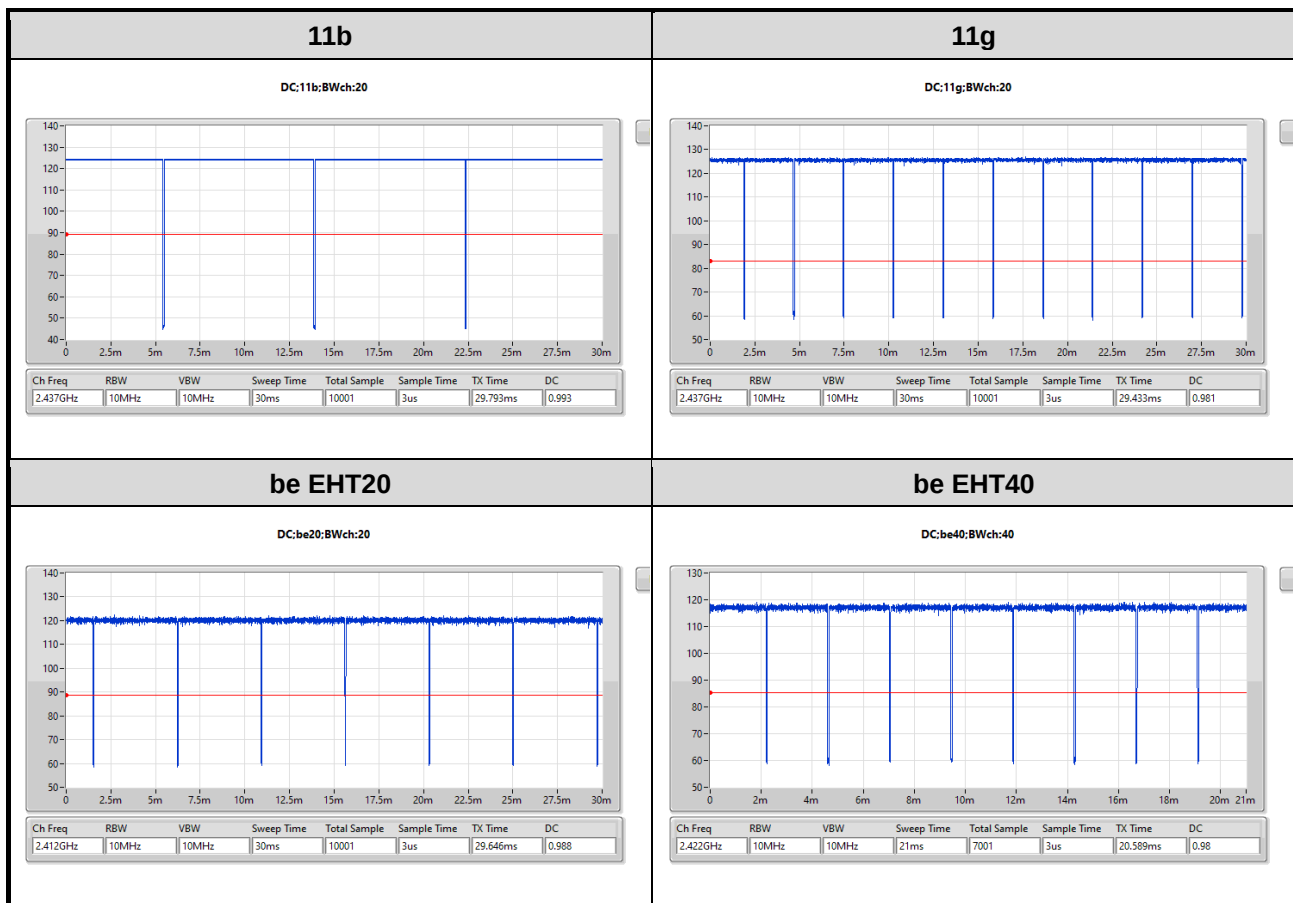
Ant. No.	Brand	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
					2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
DO1	INPAQ	56-001-000602Z	Dipole	UFL	4.6	2.97	3.1	4.09	4.21
DW2	INPAQ	56-001-000603Z	Dipole	UFL	2.9	2.29	2.29	2.74	4.56
DE3	INPAQ	56-001-000604Z	Dipole	UFL	3.88	2.93	2.92	3.67	2.76
DU4	INPAQ	56-001-000605Z	Dipole	UFL	4.75	4.98	4.76	3.7	3.77

1.1.6 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	---	---

1.1.7 Test Tool and Duty Cycle

Test Tool	QATool_Dbg, Version: 0.0.2.106		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	11b	99.31%	0.03
	11g	98.11%	0.08
	be EHT20	98.82%	0.05
	be EHT40	98.04%	0.09



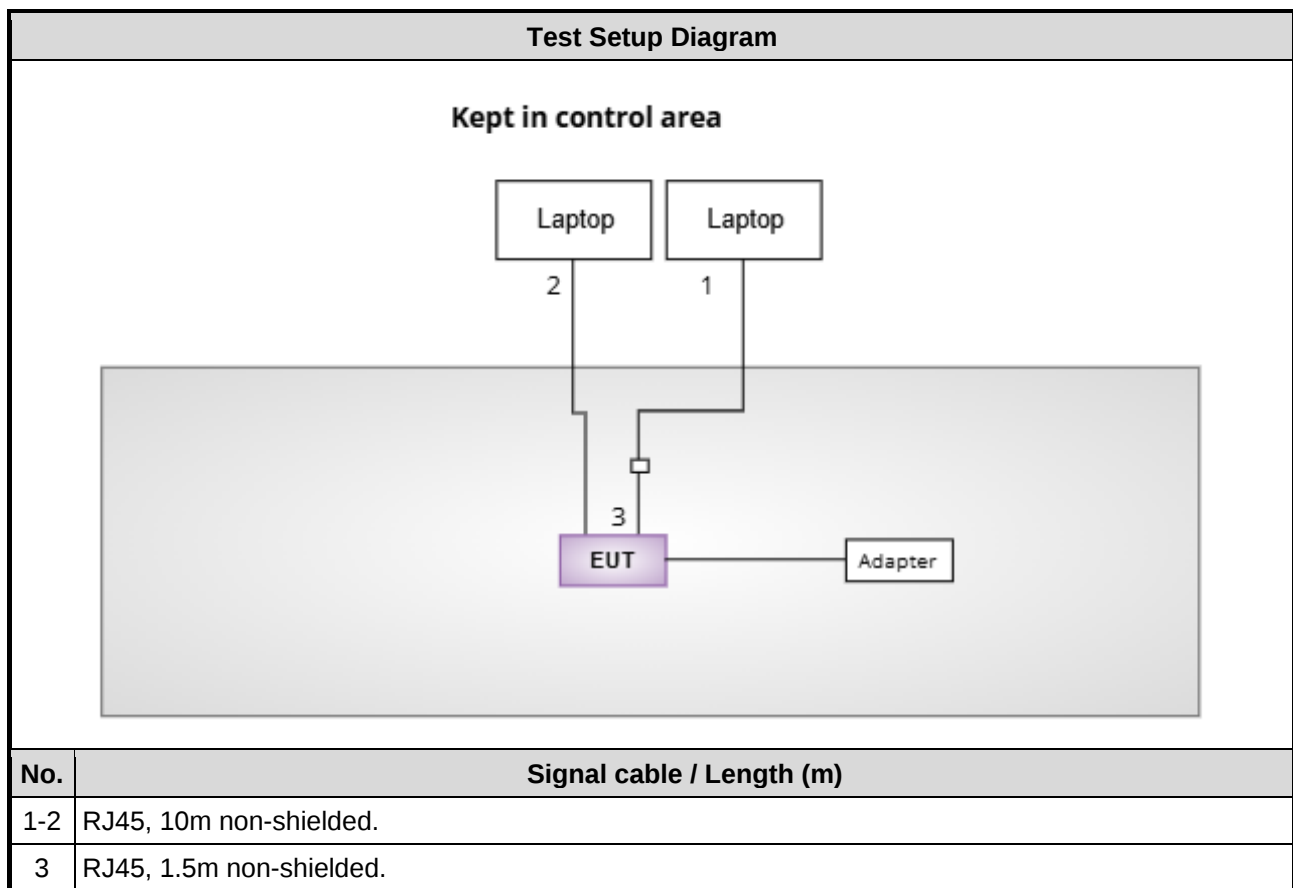
1.1.8 Power Index of Test Tool

Modulation Mode	Test Frequency (MHz)	Power Index
11b	2412	16
11b	2437	19.5
11b	2462	16
11g	2412	16
11g	2437	20
11g	2462	16
be EHT20	2412	15
be EHT20	2437	19.5
be EHT20	2462	15.5
be EHT40	2422	14.5
be EHT40	2437	16
be EHT40	2452	14.5

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Laptop	DELL	Latitude 5400	DoC	---
2	Laptop	DELL	Latitude 3440	DoC	---
3	RJ45 Connector	ICC	RJ45 Connector	---	---

1.3 Test Setup Chart



1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber3 / (03CH03-WS)				
Tested Date	Mar. 14 ~ Mar. 21, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101657	Mar. 11, 2025	Mar. 10, 2026
Spectrum Analyzer	R&S	FSV40	101499	Apr. 02, 2024	Apr. 01, 2025
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 05, 2024	Nov. 04, 2025
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Jul. 02, 2024	Jul. 01, 2025
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Dec. 20, 2024	Dec. 19, 2025
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 18, 2024	Nov. 17, 2025
Preamplifier	EMC	EMC02325	980187	Jun. 27, 2024	Jun. 26, 2025
Preamplifier	EMC	EMC118A45SE	980897	Aug. 05, 2024	Aug. 04, 2025
Preamplifier	EMC	EMC184045SE	980903	Jul. 30, 2024	Jul. 29, 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
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Sep. 20, 2024	Sep. 19, 2025
RF cable-8M	EMC	3	181107	Sep. 20, 2024	Sep. 19, 2025
Attenuator	Pasternack	PE7005-10	10-3	Sep. 20, 2024	Sep. 19, 2025
HIGHPASS FILTER	WI	WHK3.1-18G-10SS	43	Sep. 20, 2024	Sep. 19, 2025
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Mar. 28, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV3044	101516	Jun. 17, 2024	Jun. 16, 2025
Power Meter	Anritsu	ML2495A	1241002	Nov. 26, 2024	Nov. 25, 2025
Power Sensor	Anritsu	MA2411B	1207366	Nov. 26, 2024	Nov. 25, 2025
Attenuator	Pasternack	PE7005-10	10-2	Oct. 04, 2024	Oct. 03, 2025
Measurement Software	Sporton	SENSE-15247_DTS	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Mar. 25, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101658	Feb. 25, 2025	Feb. 24, 2026
LISN	R&S	ENV216	101579	May. 09, 2024	May. 08, 2025
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127-666	Mar. 21, 2025	Mar. 20, 2026
RF Cable-CON	EMC	EMCCFD300-BM-B M-6000	50821	Oct. 09, 2024	Oct. 08, 2025
50 ohm terminal	NA	50	01	Jun. 19, 2024	Jun. 18, 2025
Measurement Software	AUDIX	e3	6.120210g	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 ≤ 1 GHz	± 3.96 dB
Unwanted Emission > 1 GHz	± 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
- ISSED#: 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	2437	1 Mbps	---
Unwanted Emissions ≤ 1GHz	11b	2437	1 Mbps	---
Unwanted Emissions >1GHz	11b	2412 / 2437 / 2462	1 Mbps	---
Conducted Output Power	11g	2412 / 2437 / 2462	6 Mbps	
6dB bandwidth	be EHT20	2412 / 2437 / 2462	MCS 0	
Power spectral density	be EHT40	2422 / 2437 / 2452	MCS 0	
Beamforming mode				
Conducted Output Power	be EHT20 be EHT40	2412 / 2437 / 2462 2422 / 2437 / 2452	MCS 0	---
NOTE:				
1. Beamforming mode is calculated not measured. The calculation method is conducted power of non-beamforming – (Directional gain - max gain of single antenna).				

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

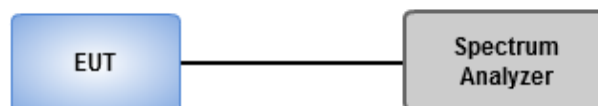
6dB Bandwidth

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	22°C / 65%	Tested By	Akun Chung
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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 $\leq 6\text{dBi}$, no any corresponding reduction is in output power limit.

Antenna gain $> 6\text{dBi}$

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.

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	22°C / 65%	Tested By	Akun Chung
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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.

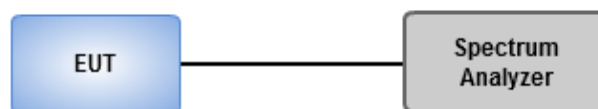
Average PSD, duty cycle $\geq 98\%$

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
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.
6. Add $10 \log (1/x)$, where x is the duty cycle.

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	22°C / 65%	Tested By	Akun Chung
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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:
Quasi-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

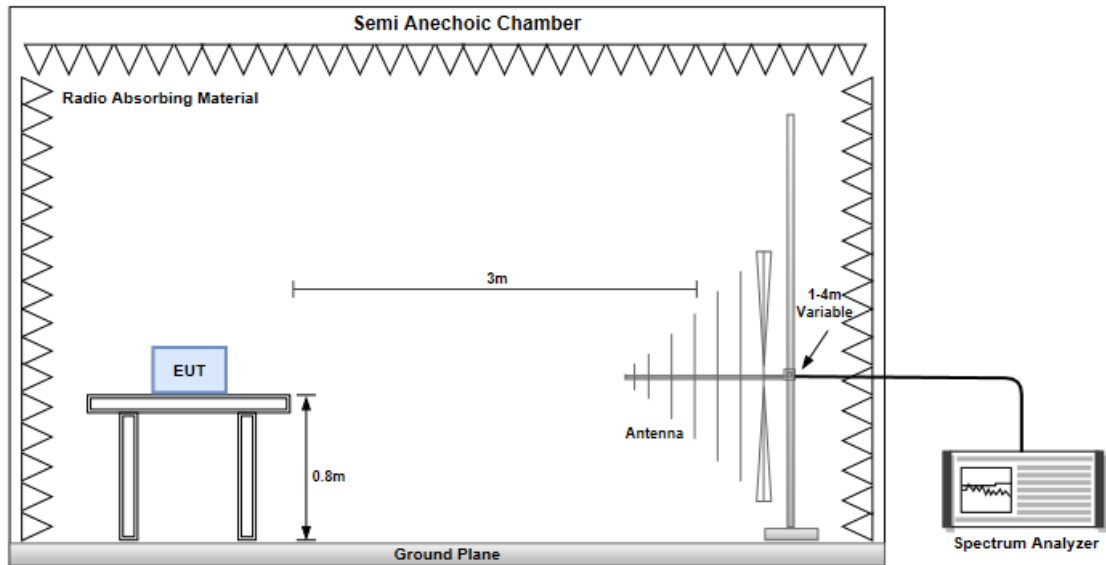
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission 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:

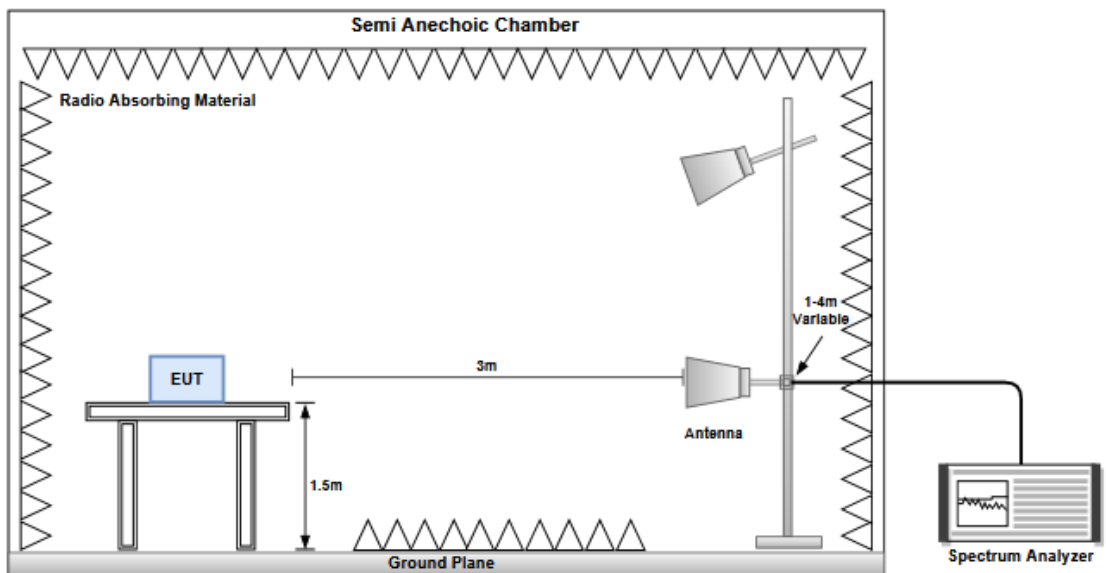
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.4.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.4.4 Test Results

Refer to Appendix D.

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

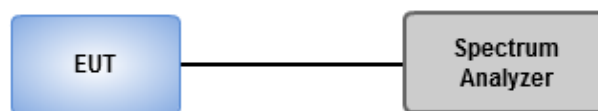
Reference level measurement

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	22°C / 65%	Tested By	Akun Chung
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Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

3.6.1 Limit of AC Power Line Conducted Emissions

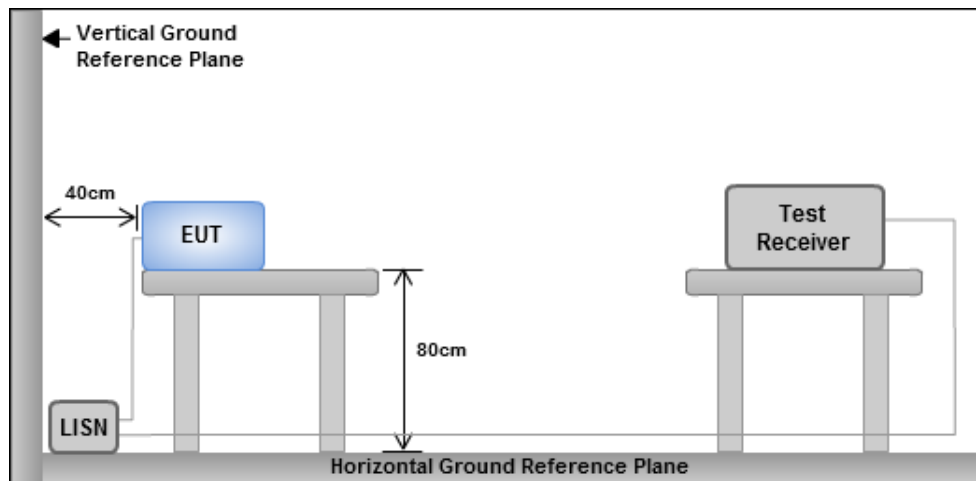
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

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)_4TX	9.05M	14.271M	14M3G1D	7.525M	12.584M
802.11g_Nss1,(6Mbps)_4TX	16.275M	17.293M	17M3D1D	15.65M	16.303M
802.11be EHT20_Nss1,(MCS0)_4TX	18.825M	18.948M	18M9D1D	17.275M	18.785M
802.11be EHT40_Nss1,(MCS0)_4TX	37M	37.58M	37M6D1D	33.8M	37.475M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	8.025M	12.695M	7.525M	12.625M	7.575M	12.724M	8.025M	12.635M
2437MHz	Pass	500k	8.525M	13.978M	9.025M	14.271M	8.075M	13.964M	9.05M	13.774M
2462MHz	Pass	500k	8M	12.708M	8.525M	12.589M	8.55M	12.705M	8.075M	12.584M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	15.7M	16.31M	16.025M	16.316M	16.25M	16.327M	15.7M	16.321M
2437MHz	Pass	500k	15.65M	17.035M	16.275M	17.293M	16.25M	16.989M	16.25M	16.78M
2462MHz	Pass	500k	15.775M	16.303M	15.9M	16.324M	16.275M	16.328M	16.275M	16.336M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18M	18.798M	18.675M	18.806M	18.6M	18.796M	18.625M	18.785M
2437MHz	Pass	500k	17.275M	18.945M	18.625M	18.948M	18.475M	18.934M	18.825M	18.88M
2462MHz	Pass	500k	18.625M	18.792M	18.775M	18.801M	18.575M	18.799M	18.825M	18.793M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	35M	37.495M	33.8M	37.475M	36.9M	37.558M	35.25M	37.567M
2437MHz	Pass	500k	35.1M	37.559M	35.05M	37.56M	37M	37.58M	33.95M	37.543M
2452MHz	Pass	500k	33.85M	37.504M	35.15M	37.5M	35M	37.531M	35.8M	37.478M

Port X-N dB = Port X 6dB down bandwidth;

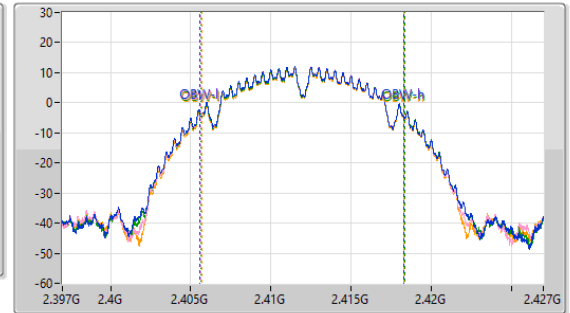
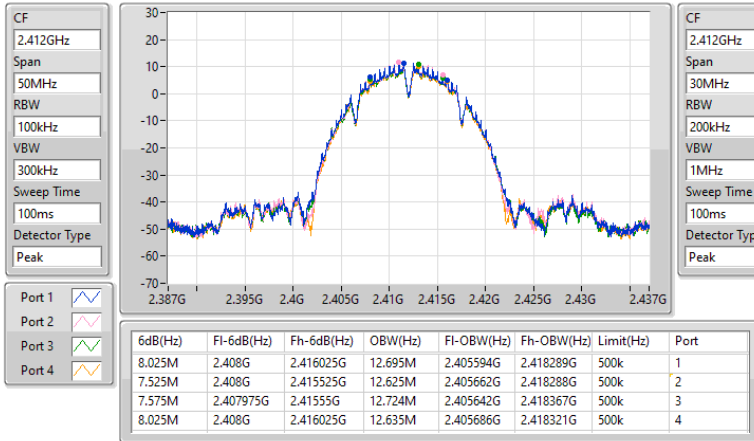
Port X-OBW = Port X 99% occupied bandwidth



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

EBW

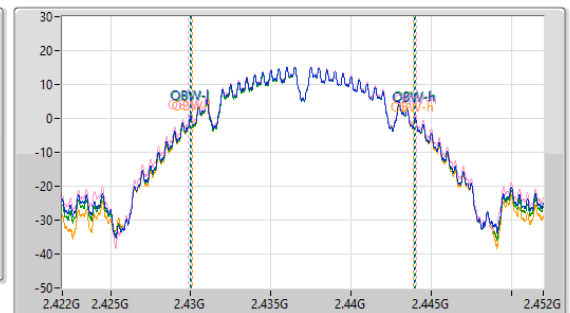
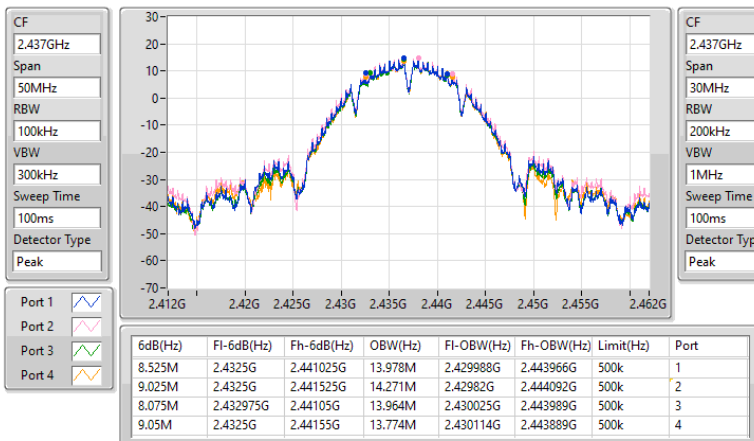
2412MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

EBW

2437MHz

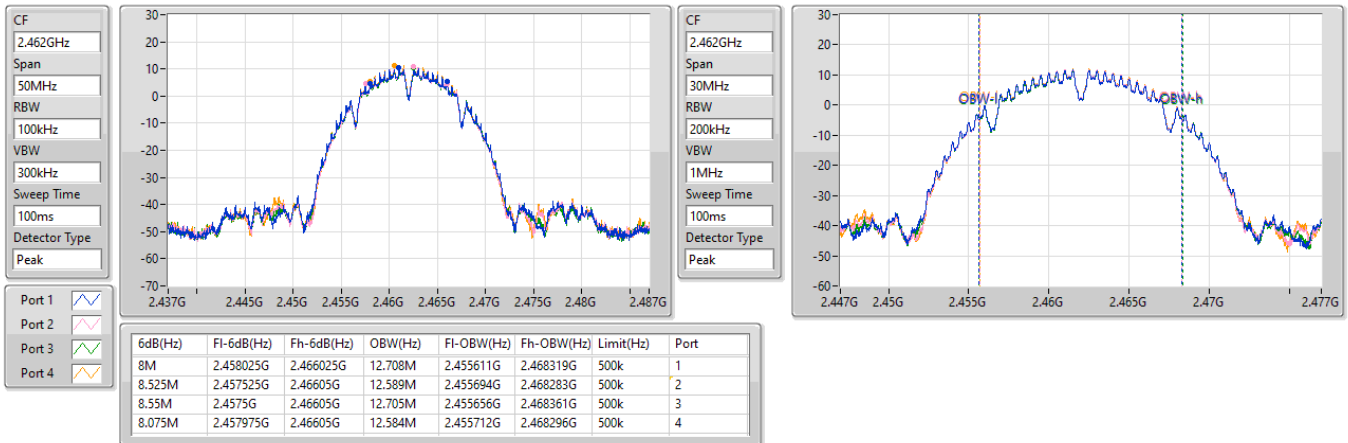




2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

EBW

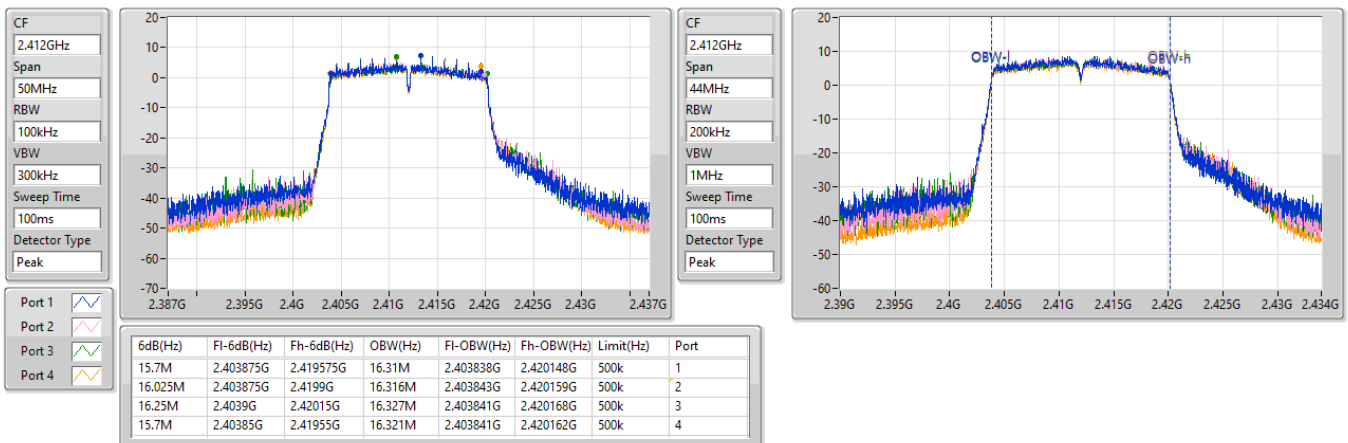
2462MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

2412MHz

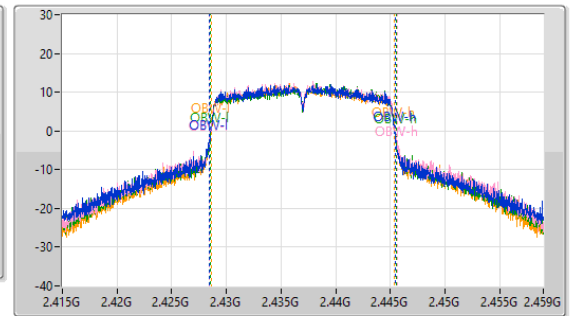
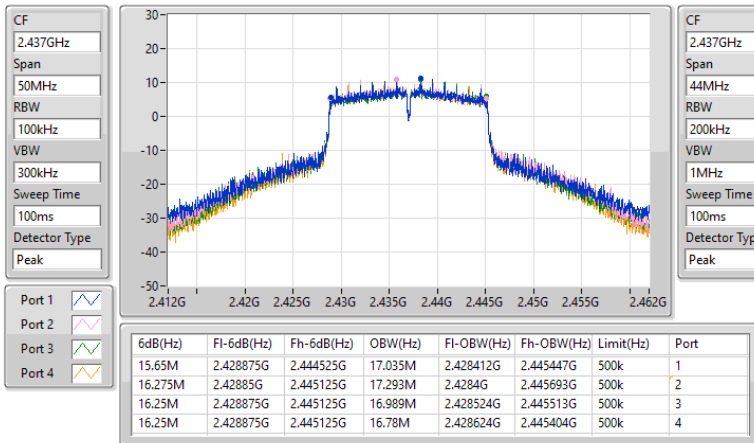




2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

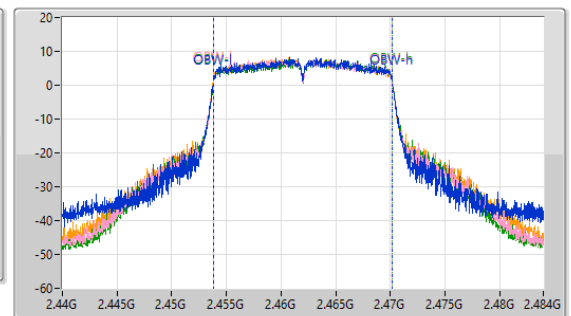
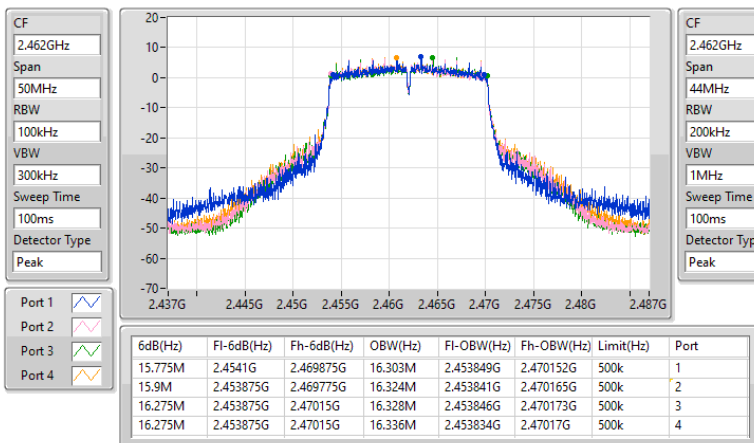
2437MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

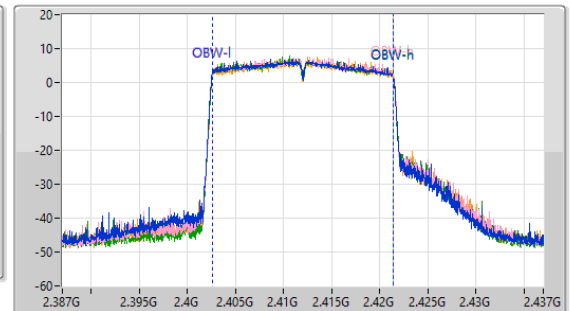
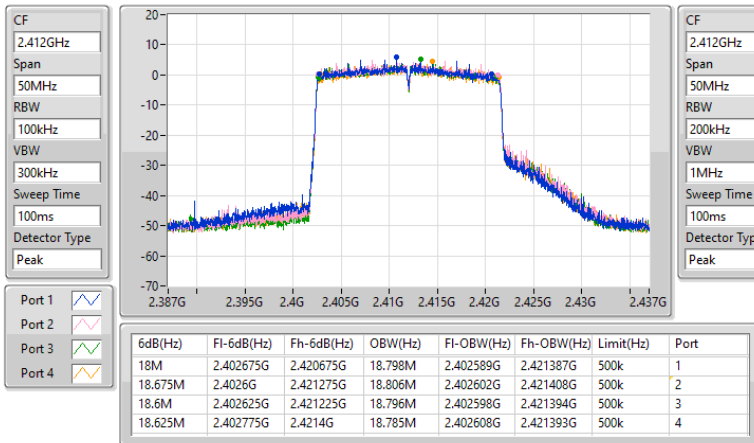
2462MHz



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

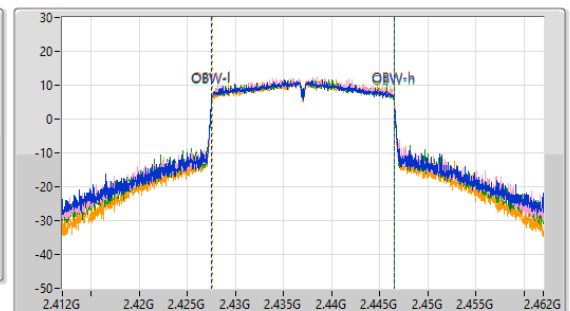
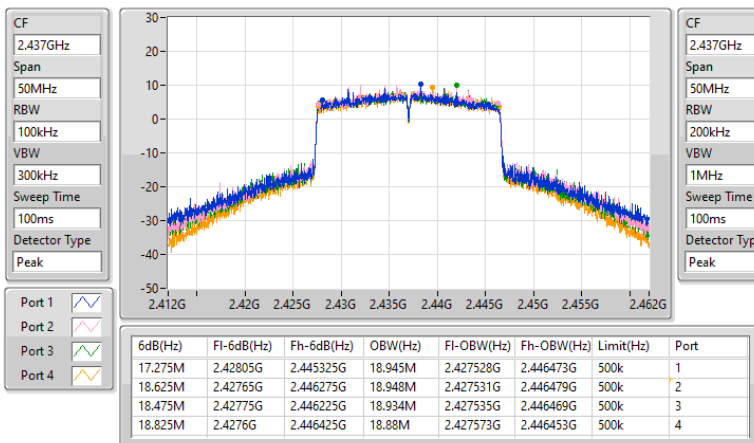
2412MHz



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2437MHz

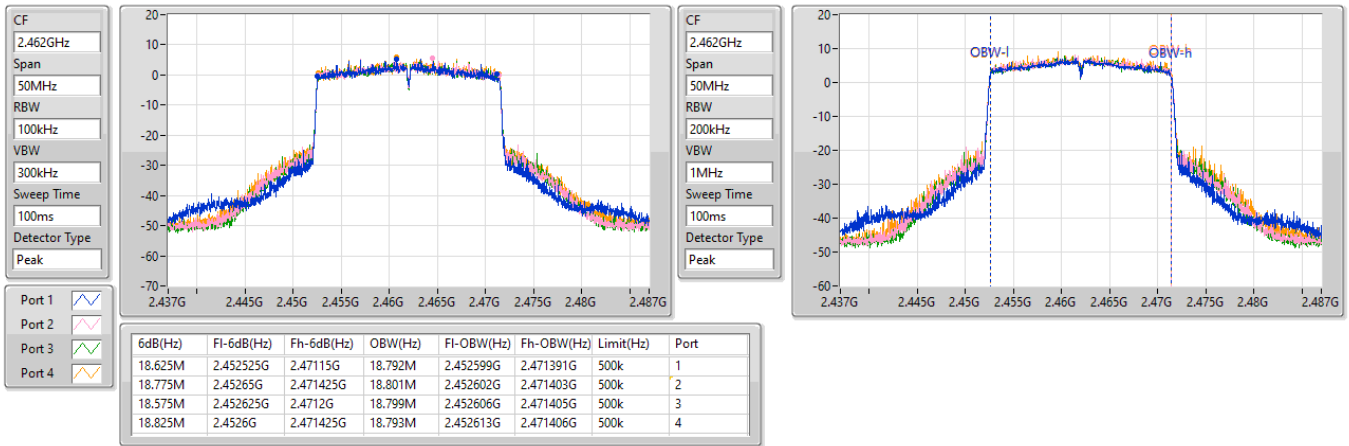




2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

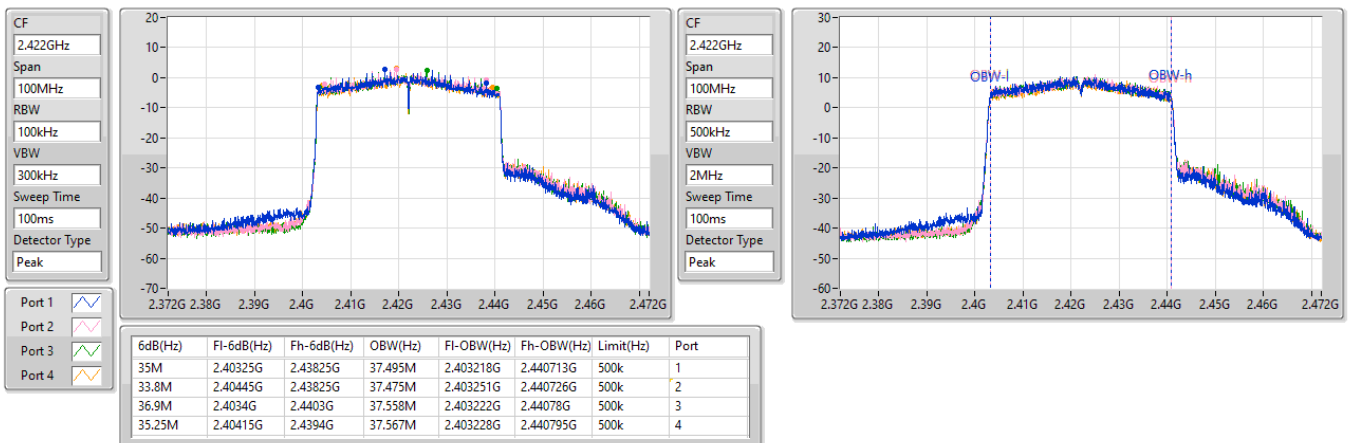
2462MHz



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

2422MHz

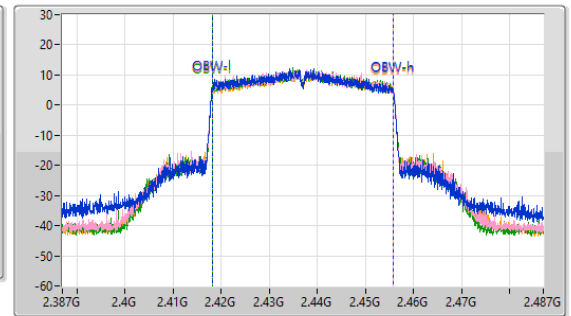
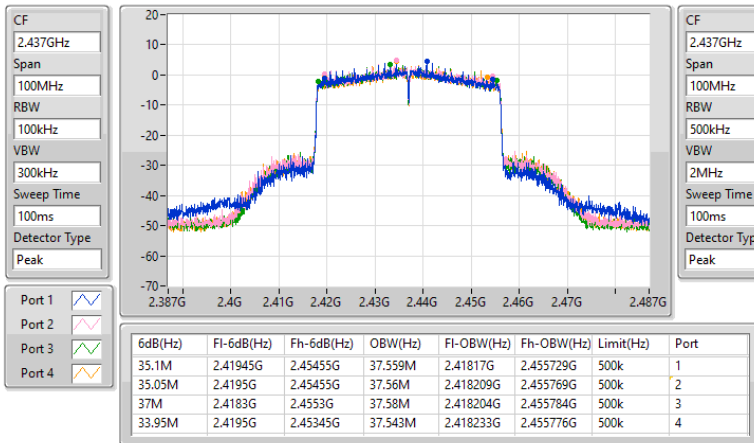




2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

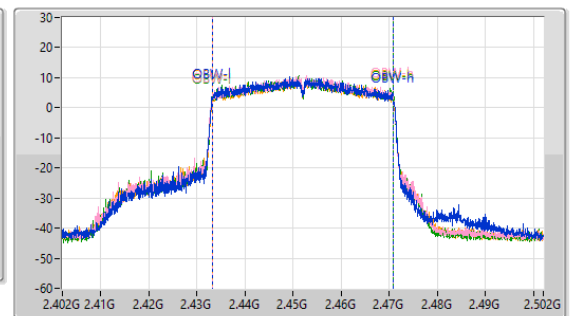
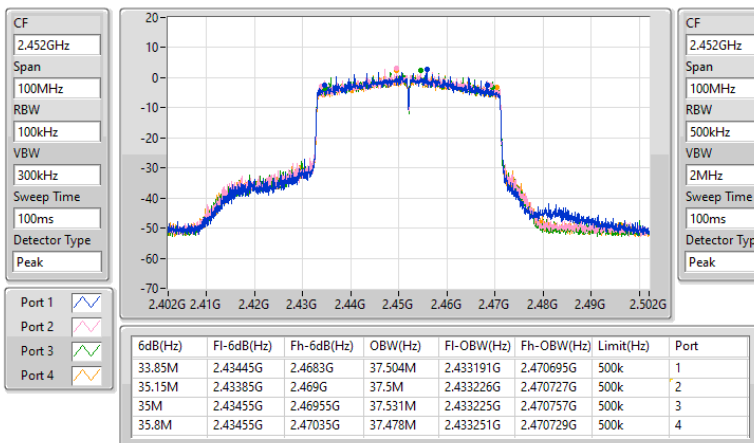
2437MHz



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

2452MHz



**Non-beamforming mode****Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	29.24	0.83946
802.11g_Nss1,(6Mbps)_4TX	28.01	0.63241
802.11be EHT20_Nss1,(MCS0)_4TX	27.19	0.52360
802.11be EHT40_Nss1,(MCS0)_4TX	23.63	0.23067

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	4.75	19.78	19.97	19.72	19.14	25.68	30.00	30.43	36.00
2437MHz	Pass	4.75	23.18	23.56	23.12	22.98	29.24	30.00	33.99	36.00
2462MHz	Pass	4.75	19.46	19.68	19.45	19.56	25.56	30.00	30.31	36.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	4.75	18.22	18.25	18.23	17.64	24.11	30.00	28.86	36.00
2437MHz	Pass	4.75	21.96	22.28	21.94	21.76	28.01	30.00	32.76	36.00
2462MHz	Pass	4.75	17.77	18.03	17.75	17.92	23.89	30.00	28.64	36.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	4.75	16.79	16.85	16.75	16.21	22.68	30.00	27.43	36.00
2437MHz	Pass	4.75	21.34	21.45	21.15	20.71	27.19	30.00	31.94	36.00
2462MHz	Pass	4.75	16.93	17.16	16.88	17.06	23.03	30.00	27.78	36.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	4.75	16.32	16.35	16.17	15.84	22.20	30.00	26.95	36.00
2437MHz	Pass	4.75	17.86	17.85	17.54	17.16	23.63	30.00	28.38	36.00
2452MHz	Pass	4.75	16.33	16.35	15.94	15.63	22.09	30.00	26.84	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)_4TX	26.20	0.41687
802.11be EHT40-BF_Nss1,(MCS0)_4TX	22.64	0.18365

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	5.74	15.8	15.86	15.76	15.22	21.69	30.00	27.43	36.00
2437MHz	Pass	5.74	20.35	20.46	20.16	19.72	26.20	30.00	31.94	36.00
2462MHz	Pass	5.74	15.94	16.17	15.89	16.07	22.04	30.00	27.78	36.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	5.74	15.33	15.36	15.18	14.85	21.21	30.00	26.95	36.00
2437MHz	Pass	5.74	16.87	16.86	16.55	16.17	22.64	30.00	28.38	36.00
2452MHz	Pass	5.74	15.34	15.36	14.95	14.64	21.10	30.00	26.84	36.00

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

Directional gain refers to antenna report.

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-0.79
802.11g_Nss1,(6Mbps)_4TX	-5.39
802.11be EHT20_Nss1,(MCS0)_4TX	-6.72
802.11be EHT40_Nss1,(MCS0)_4TX	-11.92

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.74	-9.27	-9.45	-9.60	-10.03	-4.36	8.00
2437MHz	Pass	5.74	-5.75	-6.26	-5.59	-6.51	-0.79	8.00
2462MHz	Pass	5.74	-9.44	-9.48	-10.15	-9.84	-4.68	8.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.74	-14.09	-13.89	-13.45	-14.55	-9.18	8.00
2437MHz	Pass	5.74	-10.09	-10.20	-9.60	-10.10	-5.39	8.00
2462MHz	Pass	5.74	-14.00	-13.53	-14.48	-14.28	-9.33	8.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.74	-16.17	-15.94	-15.87	-15.54	-11.21	8.00
2437MHz	Pass	5.74	-11.17	-11.19	-11.82	-10.88	-6.72	8.00
2462MHz	Pass	5.74	-15.71	-15.06	-15.66	-15.23	-10.63	8.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.74	-17.92	-18.38	-18.70	-19.49	-13.65	8.00
2437MHz	Pass	5.74	-16.90	-17.25	-17.60	-18.03	-11.92	8.00
2452MHz	Pass	5.74	-18.26	-18.21	-18.37	-19.24	-13.76	8.00

DG = Directional Gain; RBW = 3kHz;

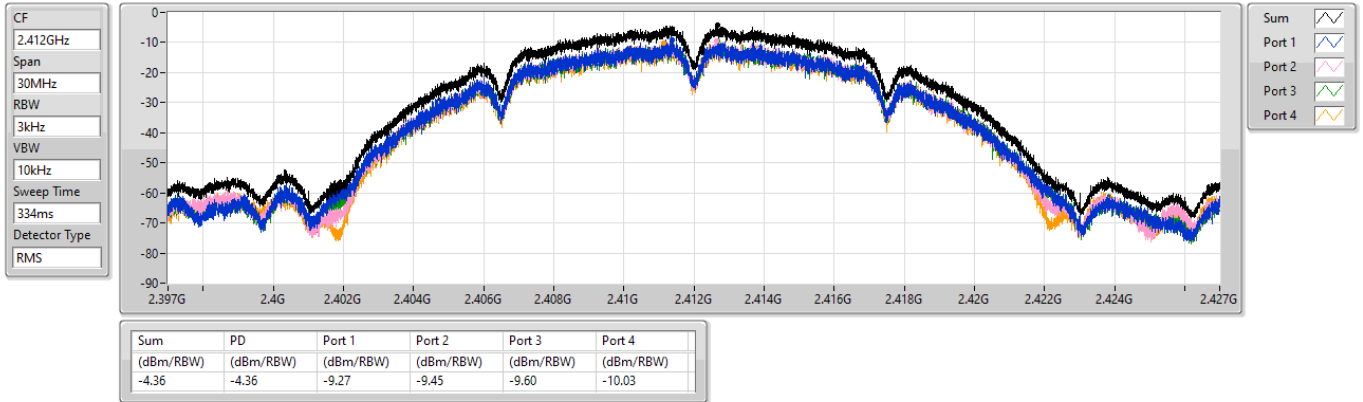
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

Directional gain refers to antenna report.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

PSD

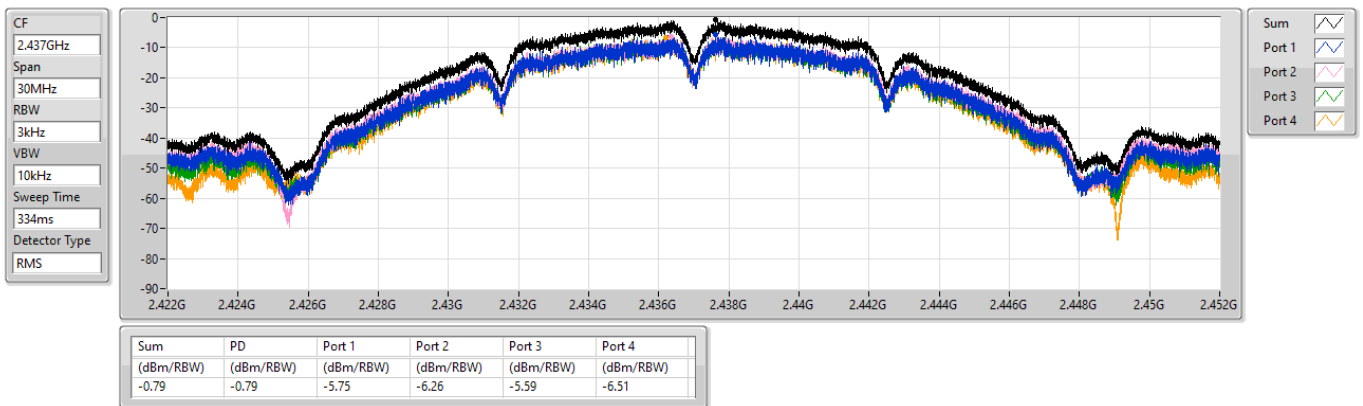
2412MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

PSD

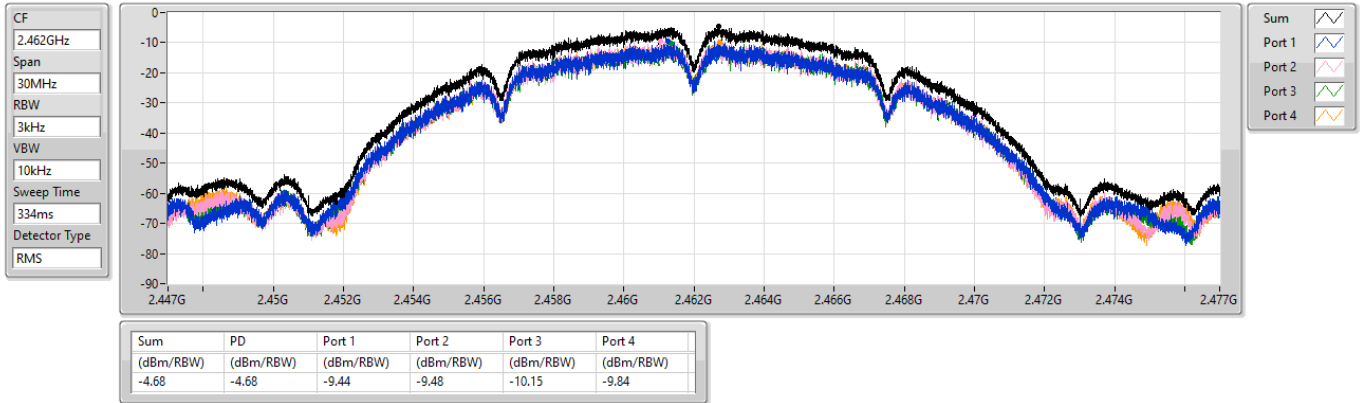
2437MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

PSD

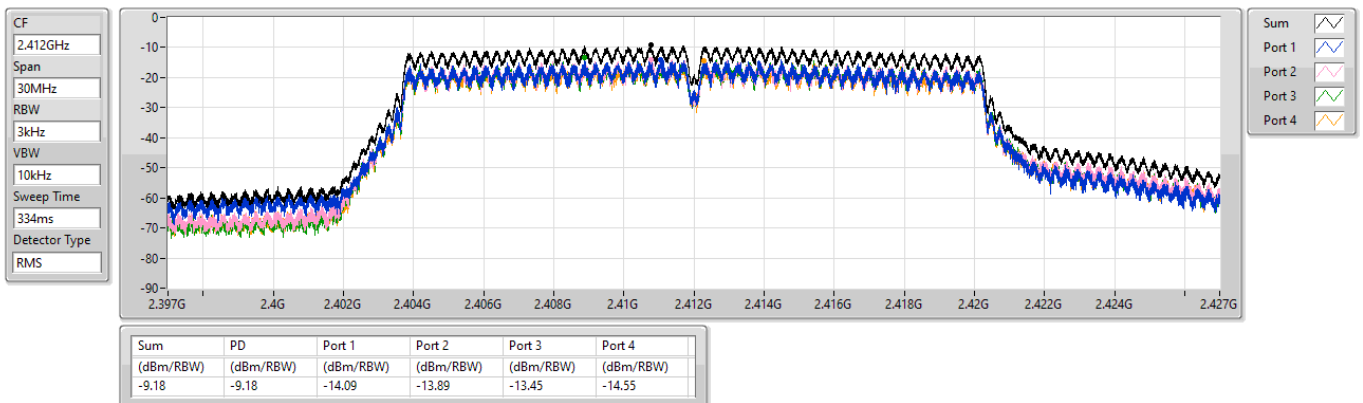
2462MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

PSD

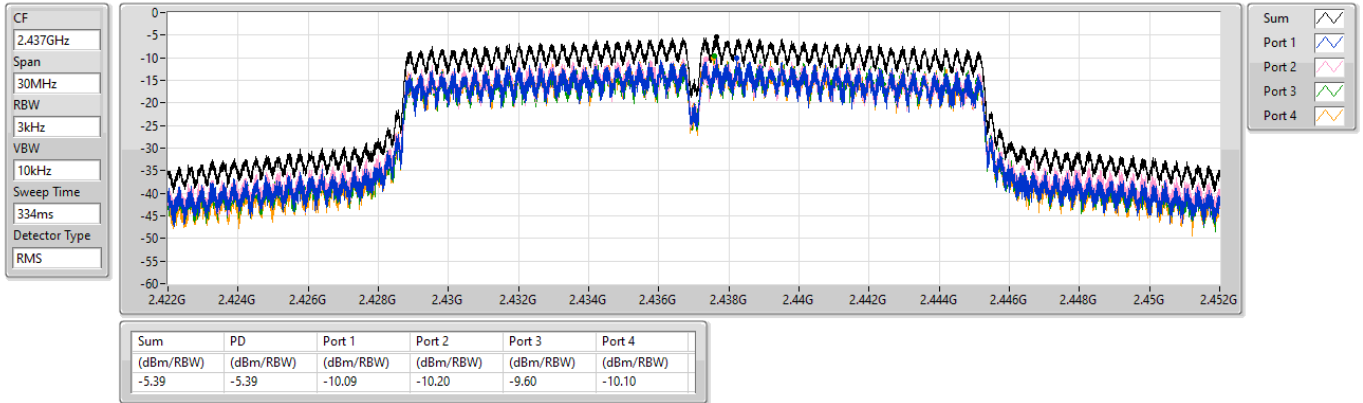
2412MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

PSD

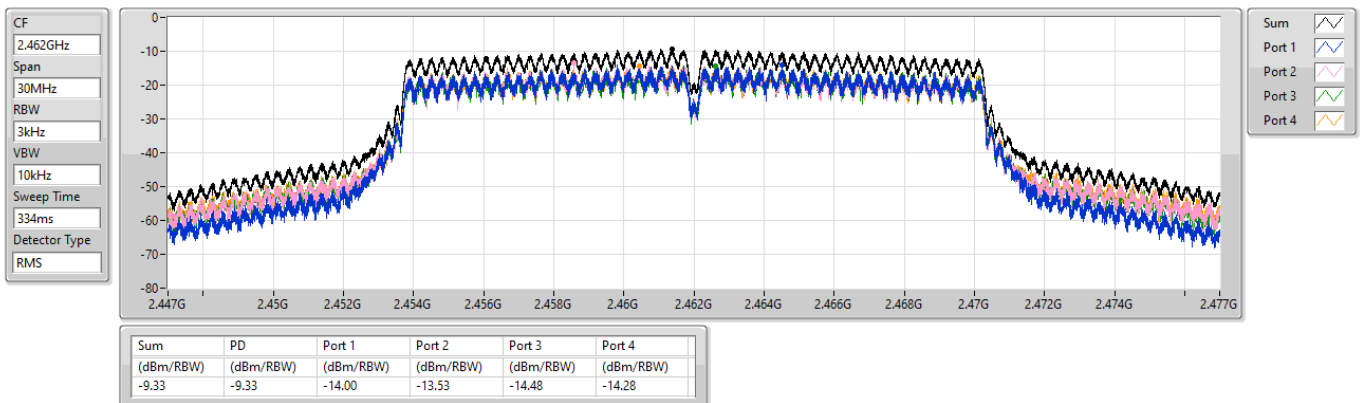
2437MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

PSD

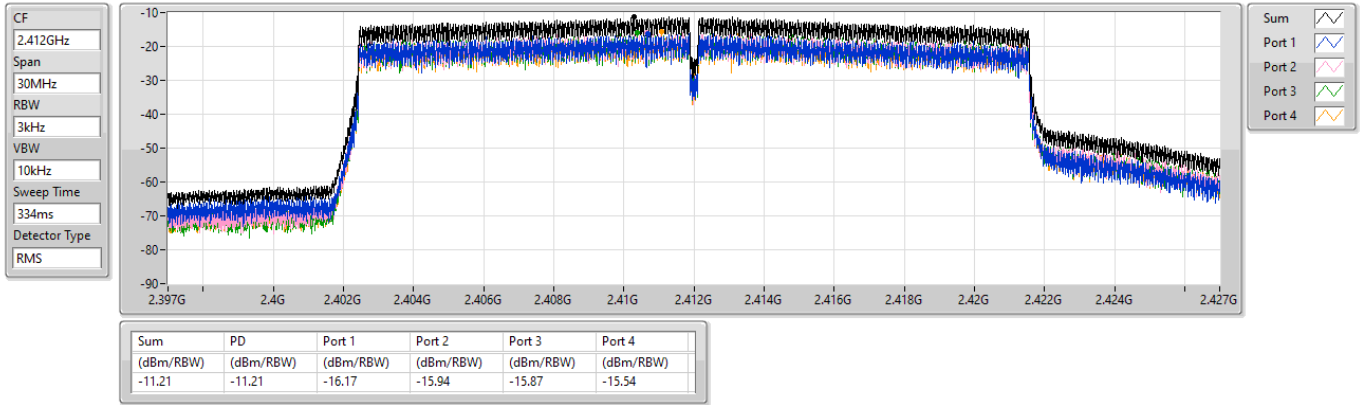
2462MHz



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

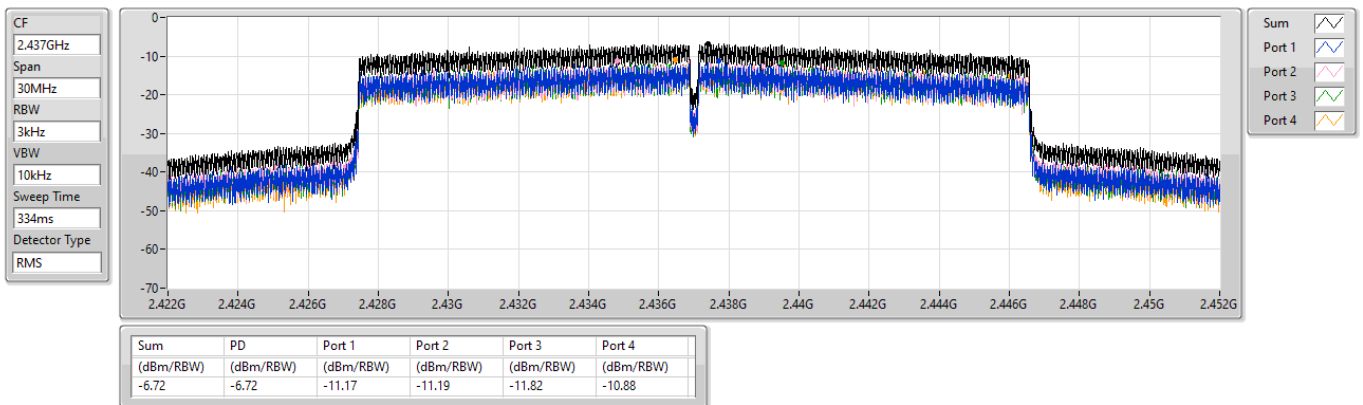
2412MHz



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

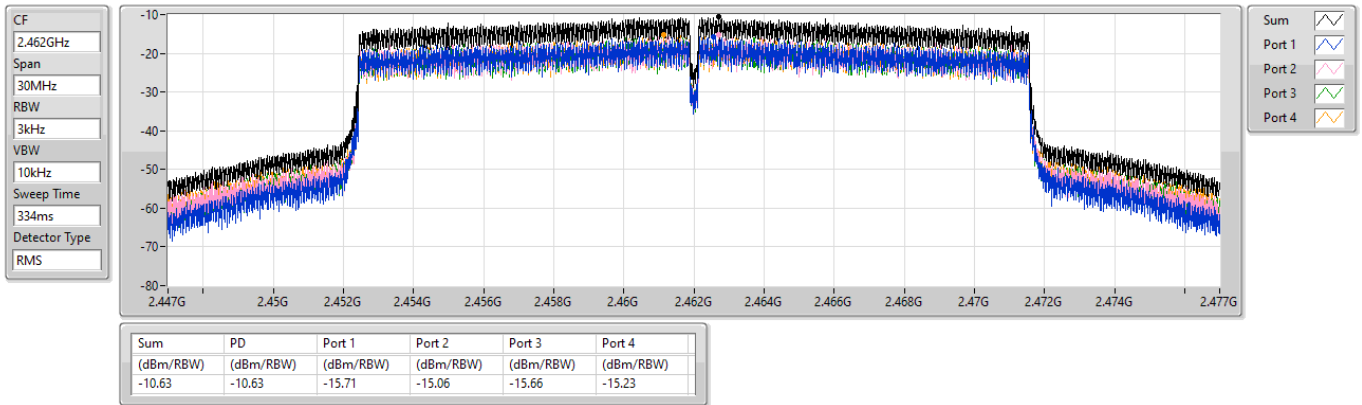
2437MHz



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

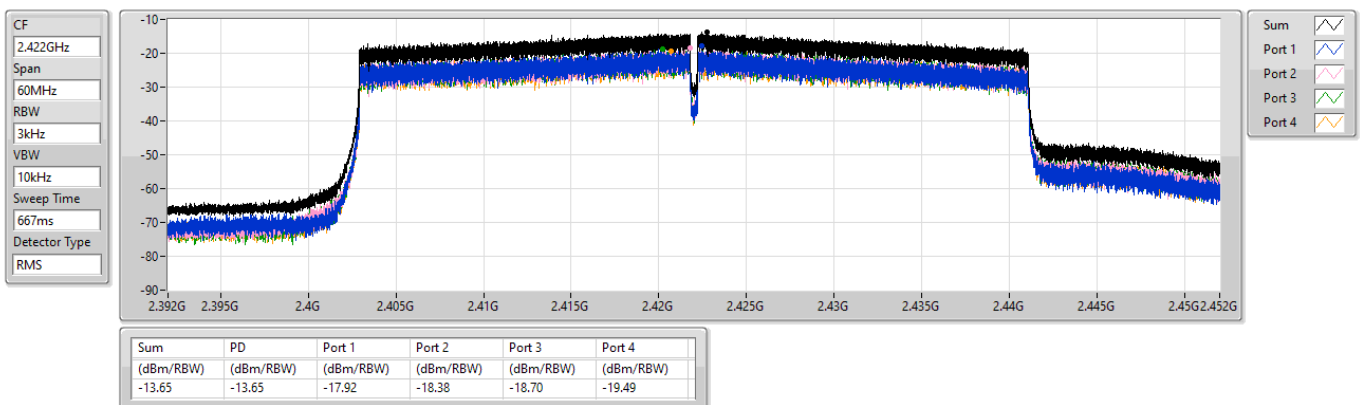
2462MHz



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

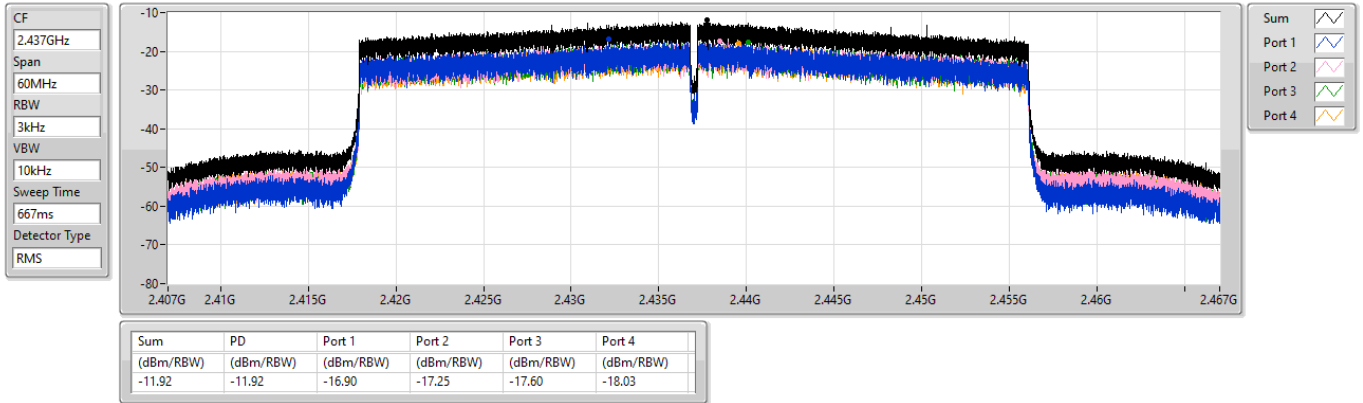
2422MHz



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

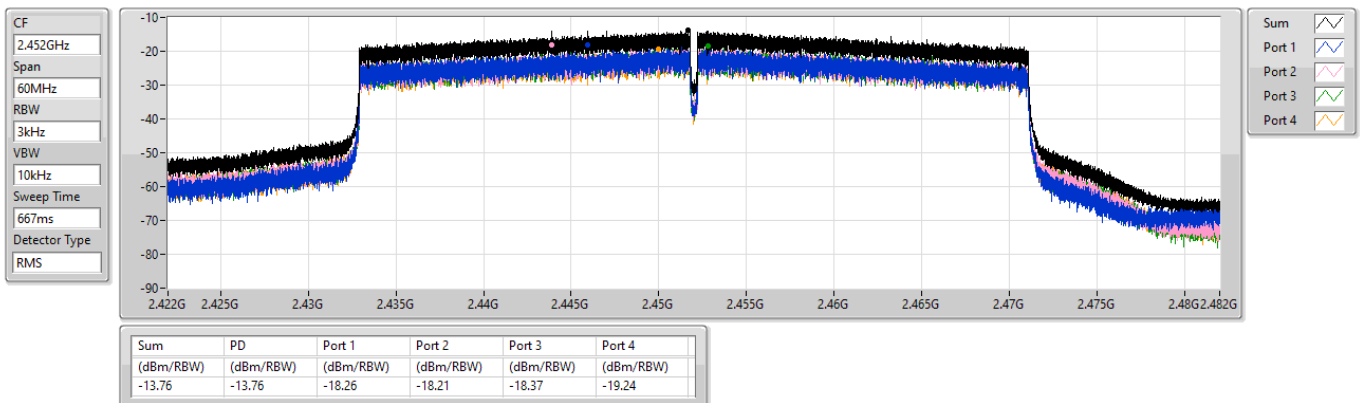
2437MHz



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

2452MHz





Unwanted Emissions (Below 1GHz)

Modulation	11b	Test Freq. (MHz)	2437																																																																								
Polarization	Horizontal																																																																										
Test By :Brad Wu Temperature(°C):21 Humidity(%):62																																																																											
Level (dBuV/m) <table><tr><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>47.46</td><td>23.94</td><td>40.00</td><td>-16.06</td><td>32.77</td><td>-8.83</td><td>Peak</td><td>---</td></tr><tr><td>2</td><td>137.67</td><td>28.34</td><td>43.50</td><td>-15.16</td><td>37.62</td><td>-9.28</td><td>Peak</td><td>---</td></tr><tr><td>3</td><td>146.40</td><td>28.26</td><td>43.50</td><td>-15.24</td><td>36.89</td><td>-8.63</td><td>Peak</td><td>---</td></tr><tr><td>4</td><td>250.14</td><td>34.38</td><td>46.00</td><td>-11.62</td><td>44.26</td><td>-9.88</td><td>Peak</td><td>---</td></tr><tr><td>5</td><td>361.74</td><td>40.79</td><td>46.00</td><td>-5.21</td><td>47.48</td><td>-6.69</td><td>Peak</td><td>---</td></tr><tr><td>6</td><td>499.54</td><td>34.35</td><td>46.00</td><td>-11.65</td><td>37.27</td><td>-2.92</td><td>Peak</td><td>---</td></tr></table> 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.				Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	47.46	23.94	40.00	-16.06	32.77	-8.83	Peak	---	2	137.67	28.34	43.50	-15.16	37.62	-9.28	Peak	---	3	146.40	28.26	43.50	-15.24	36.89	-8.63	Peak	---	4	250.14	34.38	46.00	-11.62	44.26	-9.88	Peak	---	5	361.74	40.79	46.00	-5.21	47.48	-6.69	Peak	---	6	499.54	34.35	46.00	-11.65	37.27	-2.92	Peak	---
Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																																																			
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																																																			
1	47.46	23.94	40.00	-16.06	32.77	-8.83	Peak	---																																																																			
2	137.67	28.34	43.50	-15.16	37.62	-9.28	Peak	---																																																																			
3	146.40	28.26	43.50	-15.24	36.89	-8.63	Peak	---																																																																			
4	250.14	34.38	46.00	-11.62	44.26	-9.88	Peak	---																																																																			
5	361.74	40.79	46.00	-5.21	47.48	-6.69	Peak	---																																																																			
6	499.54	34.35	46.00	-11.65	37.27	-2.92	Peak	---																																																																			



Modulation	11b	Test Freq. (MHz)	2437																																																																						
Polarization	Vertical																																																																								
Test By :Brad Wu Temperature(°C):21 Humidity(%):62																																																																									
Level (dBuV/m) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>33.88</td><td>28.97</td><td>40.00</td><td>-11.03</td><td>39.00</td><td>-10.03</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>49.40</td><td>34.02</td><td>40.00</td><td>-5.98</td><td>42.72</td><td>-8.70</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>218.18</td><td>24.83</td><td>46.00</td><td>-21.17</td><td>36.78</td><td>-11.95</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>250.21</td><td>28.51</td><td>46.00</td><td>-17.49</td><td>38.39</td><td>-9.88</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>362.65</td><td>41.62</td><td>46.00</td><td>-4.38</td><td>48.28</td><td>-6.66</td><td>QP</td><td>148</td><td>33</td></tr><tr><td>6</td><td>499.53</td><td>37.60</td><td>46.00</td><td>-8.40</td><td>40.52</td><td>-2.92</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table>					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	33.88	28.97	40.00	-11.03	39.00	-10.03	Peak	---	---	2	49.40	34.02	40.00	-5.98	42.72	-8.70	Peak	---	---	3	218.18	24.83	46.00	-21.17	36.78	-11.95	Peak	---	---	4	250.21	28.51	46.00	-17.49	38.39	-9.88	Peak	---	---	5	362.65	41.62	46.00	-4.38	48.28	-6.66	QP	148	33	6	499.53	37.60	46.00	-8.40	40.52	-2.92	Peak	---	---
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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Unwanted Emission (Above 1GHz) for 11b

Modulation	11b	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBUV/m)			



Modulation	11b	Test Freq. (MHz)	2412																																																																																										
Polarization	Vertical																																																																																												
Test By :Brad Wu Temperature(°C):23 Humidity(%):62																																																																																													
Level (dBuV/m) CLASS-B CLASS-B (AVG) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2390.00</td><td>53.80</td><td>54.00</td><td>-0.20</td><td>57.67</td><td>-3.87</td><td>Average</td><td>300</td><td>147</td></tr><tr><td>2</td><td>2390.00</td><td>60.57</td><td>74.00</td><td>-13.43</td><td>64.44</td><td>-3.87</td><td>Peak</td><td>300</td><td>147</td></tr><tr><td>3 *</td><td>2412.00</td><td>111.92</td><td></td><td></td><td>115.79</td><td>-3.87</td><td>Average</td><td>300</td><td>147</td></tr><tr><td>4 *</td><td>2412.00</td><td>114.45</td><td></td><td></td><td>118.32</td><td>-3.87</td><td>Peak</td><td>300</td><td>147</td></tr><tr><td>5</td><td>4824.00</td><td>43.25</td><td>54.00</td><td>-10.75</td><td>43.51</td><td>-0.26</td><td>Average</td><td>100</td><td>26</td></tr><tr><td>6</td><td>4824.00</td><td>48.16</td><td>74.00</td><td>-25.84</td><td>48.42</td><td>-0.26</td><td>Peak</td><td>100</td><td>26</td></tr><tr><td>7</td><td>12060.00</td><td>41.51</td><td>54.00</td><td>-12.49</td><td>34.21</td><td>7.30</td><td>Average</td><td>100</td><td>24</td></tr><tr><td>8</td><td>12060.00</td><td>55.07</td><td>74.00</td><td>-18.93</td><td>47.77</td><td>7.30</td><td>Peak</td><td>100</td><td>24</td></tr></tbody></table> 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					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	53.80	54.00	-0.20	57.67	-3.87	Average	300	147	2	2390.00	60.57	74.00	-13.43	64.44	-3.87	Peak	300	147	3 *	2412.00	111.92			115.79	-3.87	Average	300	147	4 *	2412.00	114.45			118.32	-3.87	Peak	300	147	5	4824.00	43.25	54.00	-10.75	43.51	-0.26	Average	100	26	6	4824.00	48.16	74.00	-25.84	48.42	-0.26	Peak	100	26	7	12060.00	41.51	54.00	-12.49	34.21	7.30	Average	100	24	8	12060.00	55.07	74.00	-18.93	47.77	7.30	Peak	100	24
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
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Modulation	11b	Test Freq. (MHz)	2437
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):24 Humidity(%):63			
Level (dBuV/m)			



Modulation	11b	Test Freq. (MHz)	2437
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):63			
Level (dBuV/m) <			



Modulation	11b	Test Freq. (MHz)	2462
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m)			



Modulation	11b	Test Freq. (MHz)	2462
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m)			



Unwanted Emissions (Above 1GHz) for 11g

Modulation	11g	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBUV/m) <			



Modulation	11g	Test Freq. (MHz)	2412																																																																																										
Polarization	Vertical																																																																																												
Test By :Brad Wu Temperature(°C):23 Humidity(%):62																																																																																													
Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2390.00</td><td>49.79</td><td>54.00</td><td>-4.21</td><td>53.66</td><td>-3.87</td><td>Average</td><td>206</td><td>77</td></tr><tr><td>2</td><td>2390.00</td><td>71.99</td><td>74.00</td><td>-2.01</td><td>75.86</td><td>-3.87</td><td>Peak</td><td>206</td><td>77</td></tr><tr><td>3 *</td><td>2412.00</td><td>105.59</td><td></td><td></td><td>109.46</td><td>-3.87</td><td>Average</td><td>206</td><td>77</td></tr><tr><td>4 *</td><td>2412.00</td><td>116.81</td><td></td><td></td><td>120.68</td><td>-3.87</td><td>Peak</td><td>206</td><td>77</td></tr><tr><td>5</td><td>4824.00</td><td>32.54</td><td>54.00</td><td>-21.46</td><td>32.80</td><td>-0.26</td><td>Average</td><td>100</td><td>66</td></tr><tr><td>6</td><td>4824.00</td><td>46.65</td><td>74.00</td><td>-27.35</td><td>46.91</td><td>-0.26</td><td>Peak</td><td>100</td><td>66</td></tr><tr><td>7</td><td>12060.00</td><td>41.24</td><td>54.00</td><td>-12.76</td><td>33.94</td><td>7.30</td><td>Average</td><td>100</td><td>23</td></tr><tr><td>8</td><td>12060.00</td><td>54.24</td><td>74.00</td><td>-19.76</td><td>46.94</td><td>7.30</td><td>Peak</td><td>100</td><td>23</td></tr></tbody></table>					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	49.79	54.00	-4.21	53.66	-3.87	Average	206	77	2	2390.00	71.99	74.00	-2.01	75.86	-3.87	Peak	206	77	3 *	2412.00	105.59			109.46	-3.87	Average	206	77	4 *	2412.00	116.81			120.68	-3.87	Peak	206	77	5	4824.00	32.54	54.00	-21.46	32.80	-0.26	Average	100	66	6	4824.00	46.65	74.00	-27.35	46.91	-0.26	Peak	100	66	7	12060.00	41.24	54.00	-12.76	33.94	7.30	Average	100	23	8	12060.00	54.24	74.00	-19.76	46.94	7.30	Peak	100	23
	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	49.79	54.00	-4.21	53.66	-3.87	Average	206	77																																																																																				
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3 *	2412.00	105.59			109.46	-3.87	Average	206	77																																																																																				
4 *	2412.00	116.81			120.68	-3.87	Peak	206	77																																																																																				
5	4824.00	32.54	54.00	-21.46	32.80	-0.26	Average	100	66																																																																																				
6	4824.00	46.65	74.00	-27.35	46.91	-0.26	Peak	100	66																																																																																				
7	12060.00	41.24	54.00	-12.76	33.94	7.30	Average	100	23																																																																																				
8	12060.00	54.24	74.00	-19.76	46.94	7.30	Peak	100	23																																																																																				
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(°C):23 Humidity(%):62			
Level (dBuV/m)			



Modulation	11g	Test Freq. (MHz)	2437
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m) <			



Modulation	11g	Test Freq. (MHz)	2462
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m)			



Modulation	11g	Test Freq. (MHz)	2462
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m)			



Unwanted Emissions (Above 1GHz) for be EHT20

Modulation	be EHT20	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):61			
Level (dBuV/m)			

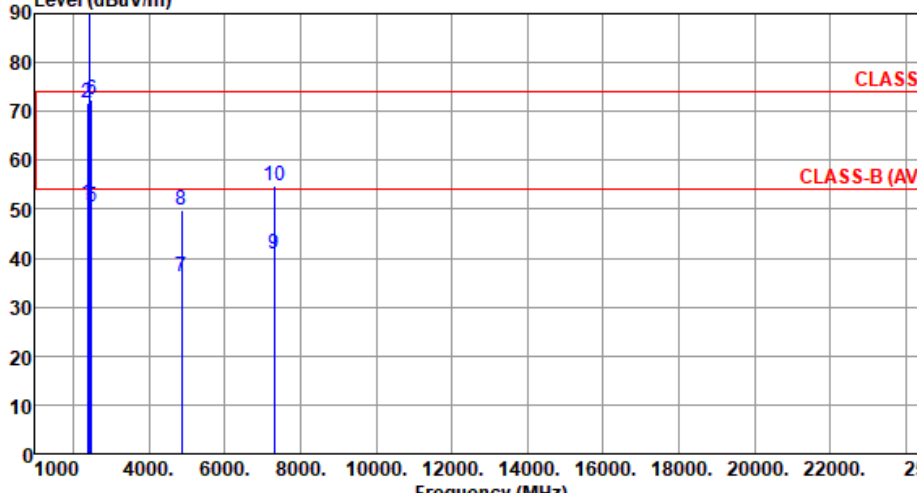


Modulation	be EHT20	Test Freq. (MHz)	2412
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):61			
Level (dBUV/m) <			



Modulation	be EHT20	Test Freq. (MHz)	2437
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m) <			



Modulation	be EHT20	Test Freq. (MHz)	2437						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):23 Humidity(%):62									
Level (dBuV/m)  Frequency (MHz)									
	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	51.07	54.00	-2.93	54.94	-3.87	Average	224	4
2	2390.00	71.85	74.00	-2.15	75.72	-3.87	Peak	224	4
3 *	2437.00	109.60			113.56	-3.96	Average	224	4
4 *	2437.00	122.67			126.63	-3.96	Peak	224	4
5	2483.50	50.33	54.00	-3.67	54.30	-3.97	Average	224	4
6	2483.50	72.29	74.00	-1.71	76.26	-3.97	Peak	224	4
7	4874.00	36.25	54.00	-17.75	36.51	-0.26	Average	100	59
8	4874.00	49.68	74.00	-24.32	49.94	-0.26	Peak	100	59
9	7311.00	40.71	54.00	-13.29	35.22	5.49	Average	100	114
10	7311.00	54.68	74.00	-19.32	49.19	5.49	Peak	100	114
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 :Brad Wu Temperature(°C):23 Humidity(%):62										
Level (dBuV/m) Frequency (MHz)										
	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	107.86		111.87	-4.01	Average	201	281	
2	*	2462.00	121.19		125.20	-4.01	Peak	201	281	
3		2483.50	53.55	54.00	-0.45	57.52	-3.97	Average	201	281
4		2483.50	72.19	74.00	-1.81	76.16	-3.97	Peak	201	281
5		4924.00	33.54	54.00	-20.46	33.71	-0.17	Average	100	83
6		4924.00	46.35	74.00	-27.65	46.52	-0.17	Peak	100	83
7		7386.00	37.86	54.00	-16.14	32.50	5.36	Average	100	58
8		7386.00	51.22	74.00	-22.78	45.86	5.36	Peak	100	58
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 :Brad Wu Temperature(°C):23 Humidity(%):62										
Level (dBuV/m) Frequency (MHz)										
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn	
	MHz	level			reading			High	Table	
		dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	
1	*	2462.00	104.71		108.72	-4.01	Average	180	89	
2	*	2462.00	117.71		121.72	-4.01	Peak	180	89	
3		2483.50	49.30	54.00	-4.70	53.27	-3.97	Average	180	89
4		2483.50	64.84	74.00	-9.16	68.81	-3.97	Peak	180	89
5		4924.00	33.61	54.00	-20.39	33.78	-0.17	Average	100	62
6		4924.00	46.28	74.00	-27.72	46.45	-0.17	Peak	100	62
7		7386.00	37.72	54.00	-16.28	32.36	5.36	Average	100	29
8		7386.00	51.04	74.00	-22.96	45.68	5.36	Peak	100	29

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 :Brad Wu Temperature(°C):22 Humidity(%):61			
Level (dBUV/m) <			



Modulation	be EHT40	Test Freq. (MHz)	2422
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):61			
Level (dBuV/m) </			



Modulation	be EHT40	Test Freq. (MHz)	2437						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):22 Humidity(%):61									
Level (dBuV/m) Frequency (MHz)									
	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	48.55	54.00	-5.45	52.42	-3.87	Average	195	259
2	2390.00	67.99	74.00	-6.01	71.86	-3.87	Peak	195	259
3 *	2437.00	104.46			108.42	-3.96	Average	195	277
4 *	2437.00	117.94			121.90	-3.96	Peak	195	277
5	2483.50	53.55	54.00	-0.45	57.52	-3.97	Average	195	259
6	2483.50	72.16	74.00	-1.84	76.13	-3.97	Peak	195	259
7	4874.00	32.84	54.00	-21.16	33.10	-0.26	Average	100	49
8	4874.00	46.89	74.00	-27.11	47.15	-0.26	Peak	100	49
9	7311.00	37.95	54.00	-16.05	32.46	5.49	Average	100	60
10	7311.00	51.48	74.00	-22.52	45.99	5.49	Peak	100	60
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 :Brad Wu Temperature(°C):22 Humidity(%):61			
Level (dBuV/m) </			



Modulation	be EHT40	Test Freq. (MHz)	2452
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):61			
Level (dBuV/m) </			

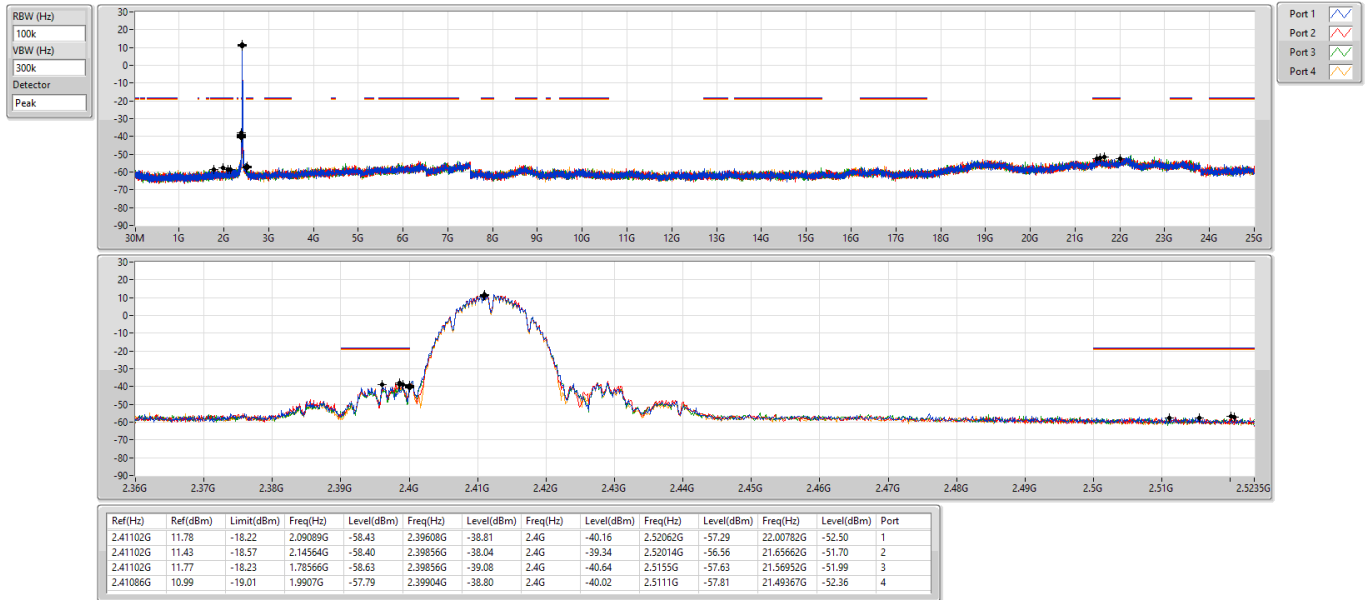


Modulation	be EHT40	Test Freq. (MHz)	2452
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):61			
Level (dBUV/m)			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

CSEndB

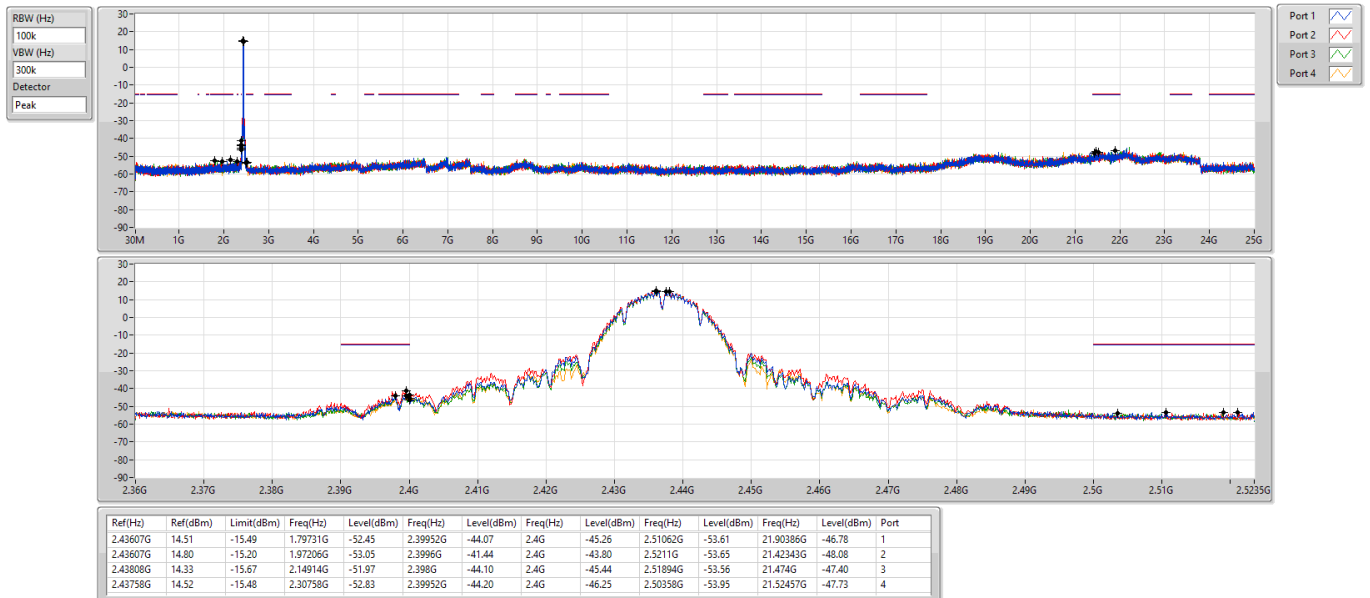
2412MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

CSEndB

2437MHz

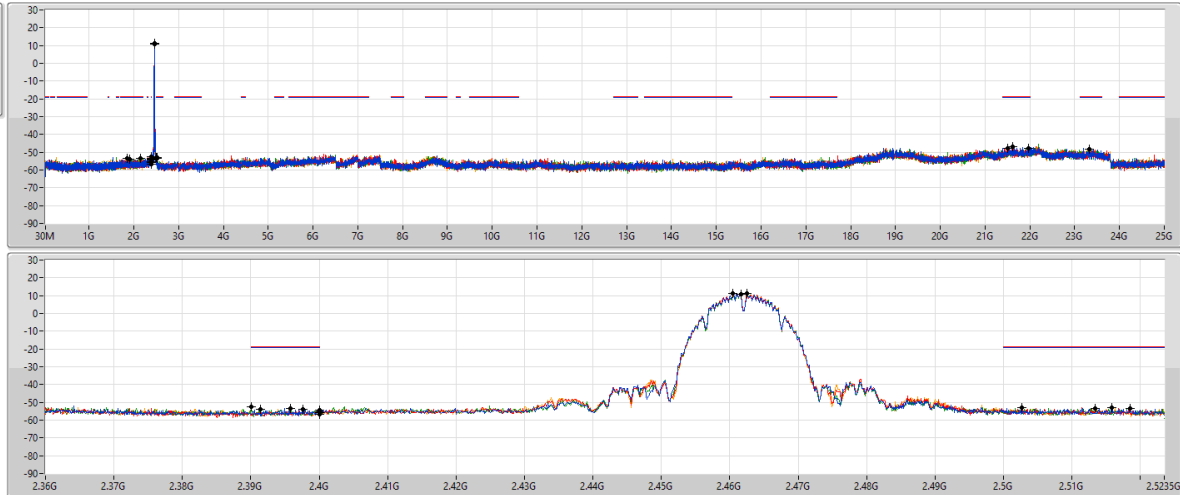


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

CSEndB

2462MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1
Port 2
Port 3
Port 4

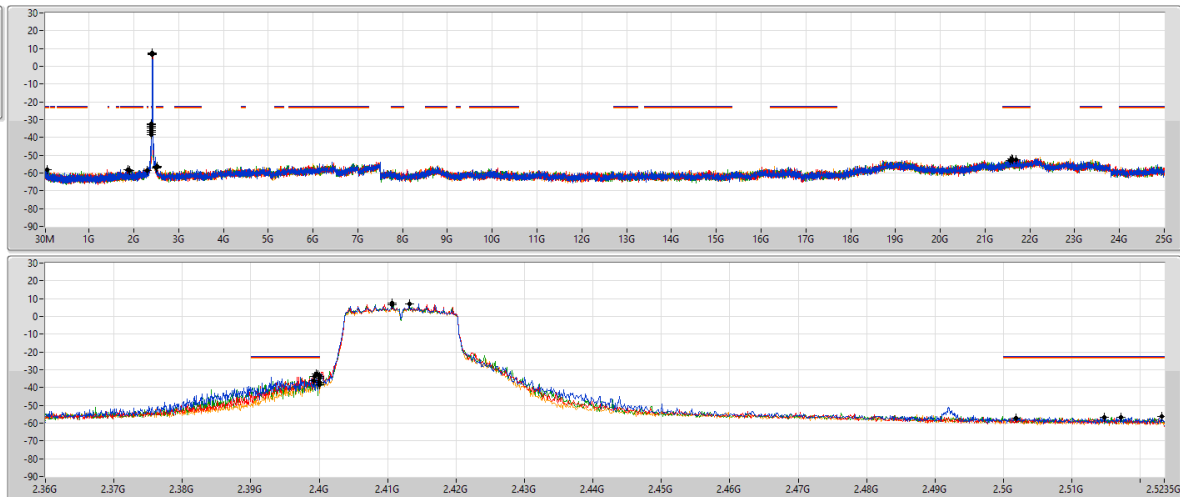
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46162G	10.88	-19.12	2.14098G	-53.35	2.39576G	-53.30	2.4G	-56.69	2.51582G	-53.12	21.6201G	-46.84	1
2.46246G	11.22	-18.78	1.91497G	-53.99	2.39144G	-54.01	2.4G	-54.35	2.5027G	-52.82	21.49648G	-47.90	2
2.46246G	11.14	-18.86	1.86022G	-53.41	2.39008G	-52.44	2.4G	-55.75	2.51342G	-53.29	21.96286G	-47.76	3
2.46045G	11.02	-18.98	2.14797G	-53.66	2.3976G	-53.78	2.4G	-55.30	2.51854G	-53.22	23.33112G	-48.25	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

CSEndB

2412MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1
Port 2
Port 3
Port 4

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
2.41069G	7.55	-22.45	1.86604G	-57.92	2.3996G	-32.14	2.4G	-33.55	2.5231G	-56.38	21.60886G	-52.41	1
2.41319G	7.24	-22.76	1.90216G	-58.57	2.39928G	-33.58	2.4G	-34.89	2.50182G	-56.97	21.69876G	-52.51	2
2.41069G	7.50	-22.50	2.30408G	-58.73	2.39984G	-32.84	2.4G	-36.90	2.51718G	-56.62	21.5611G	-52.74	3
2.41069G	6.63	-23.37	60.29M	-58.31	2.3992G	-36.22	2.4G	-38.23	2.5147G	-56.75	21.60043G	-52.13	4

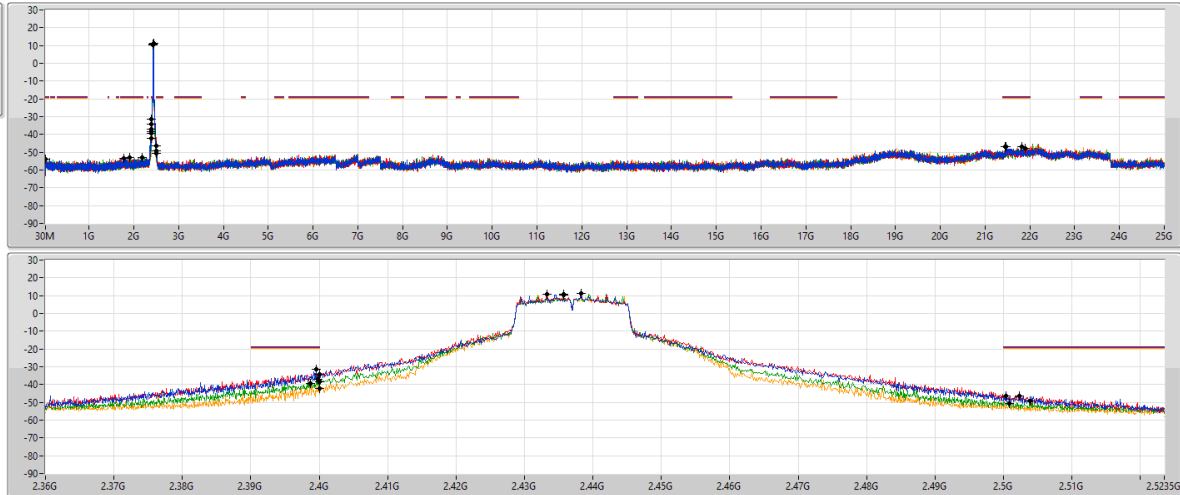
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

CSEndB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1
Port 2
Port 3
Port 4



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
2.43824G	11.32	-18.68	2.19457G	-52.88	2.39952G	-31.53	2.4G	-34.16	2.50038G	-46.34	21.45433G	-46.92	1
2.43323G	10.59	-19.41	1.77051G	-53.22	2.3996G	-31.29	2.4G	-34.35	2.5023G	-46.19	21.46838G	-46.67	2
2.43574G	10.95	-19.05	36.99M	-53.76	2.39984G	-37.24	2.4G	-38.52	2.5039G	-49.10	21.89262G	-47.89	3
2.43574G	10.40	-19.60	1.90682G	-52.88	2.39872G	-39.50	2.4G	-42.31	2.50086G	-50.63	21.81677G	-47.06	4

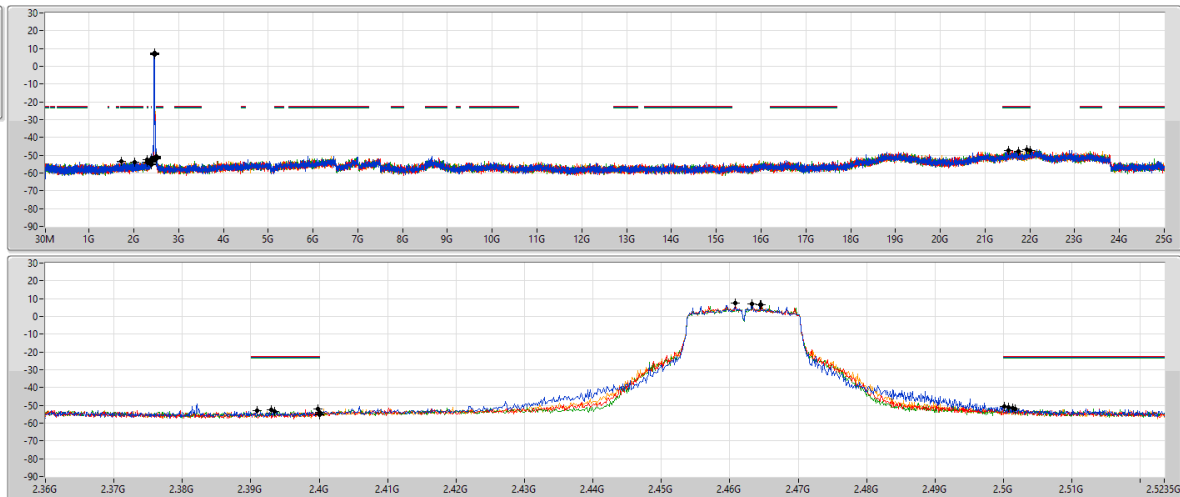
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

CSEndB

2462MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1
Port 2
Port 3
Port 4



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
2.46329G	7.05	-22.95	2.30059G	-52.66	2.39088G	-53.11	2.4G	-53.99	2.50134G	-51.43	21.74091G	-47.88	1
2.46079G	7.39	-22.61	2.30059G	-54.08	2.39984G	-52.20	2.4G	-55.27	2.50078G	-51.06	21.92634G	-47.10	2
2.46463G	6.62	-23.38	2.02099G	-53.68	2.39296G	-52.61	2.4G	-54.88	2.50014G	-50.76	21.52457G	-47.27	3
2.46446G	6.51	-23.49	1.72275G	-53.26	2.39344G	-53.38	2.4G	-54.85	2.50166G	-52.23	22.00501G	-47.25	4

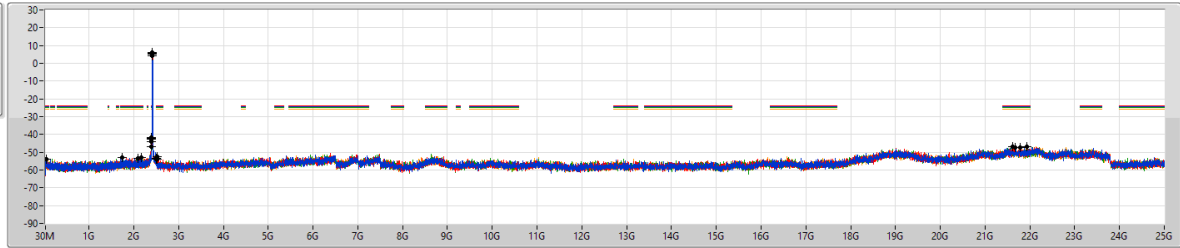


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

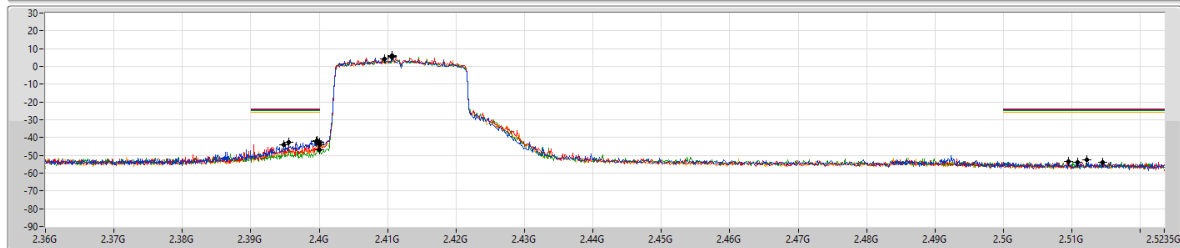
CSEndB

2412MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1
Port 2
Port 3
Port 4



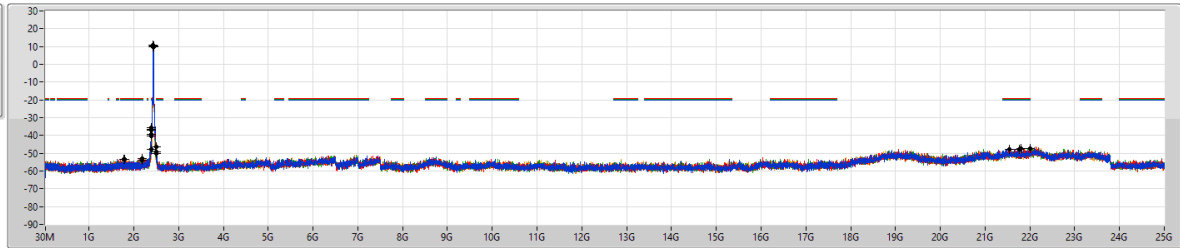
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41069G	5.49	-24.51	2.09788G	-53.59	2.39968G	-41.86	2.4G	-42.75	2.51446G	-53.69	21.92915G	-46.99	1
2.41069G	5.89	-24.11	2.1771G	-52.84	2.39552G	-42.69	2.4G	-43.99	2.5095G	-53.49	21.61448G	-46.83	2
2.41069G	5.31	-24.69	1.74954G	-53.18	2.3948G	-43.98	2.4G	-46.86	2.51214G	-52.70	21.67629G	-47.30	3
2.40952G	4.45	-25.55	40.49M	-53.79	2.3996G	-42.36	2.4G	-42.81	2.51078G	-53.72	21.78586G	-47.35	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

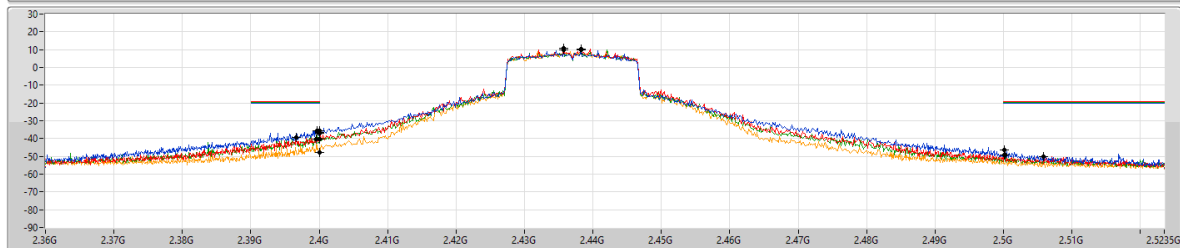
CSEndB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1
Port 2
Port 3
Port 4



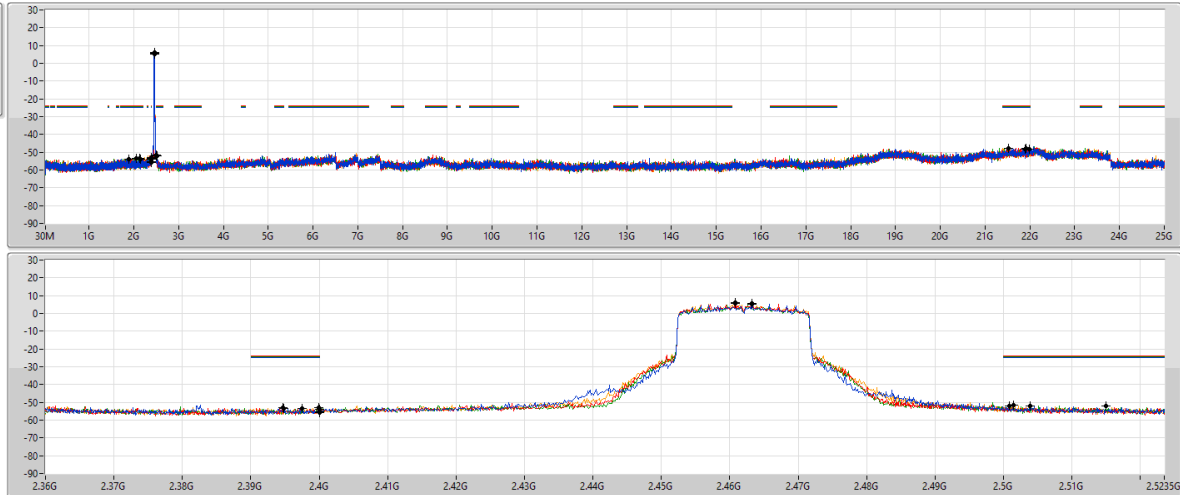
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	10.01	-19.99	1.79381G	-53.53	2.4G	-35.77	2.4G	-36.49	2.50014G	-46.61	22.00782G	-47.38	1
2.43574G	10.77	-19.23	2.19457G	-53.11	2.39664G	-39.51	2.4G	-37.07	2.50014G	-49.16	21.7971G	-47.39	2
2.43824G	10.11	-19.89	2.18991G	-53.87	2.39968G	-35.72	2.4G	-40.37	2.5003G	-49.06	21.76057G	-47.66	3
2.43574G	9.72	-20.28	1.78449G	-53.54	2.3996G	-40.16	2.4G	-47.65	2.5059G	-50.30	21.533G	-47.82	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

CSEndB

2462MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



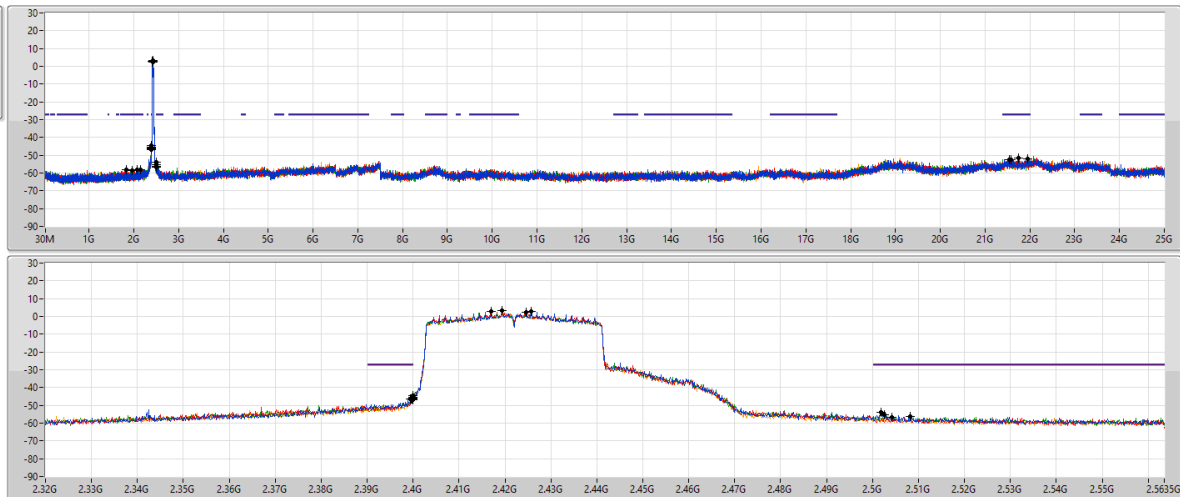
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46329G	5.25	-24.75	2.05827G	-53.32	2.39744G	-53.24	2.4G	-53.85	2.5039G	-52.18	21.89543G	-48.32	1
2.46079G	6.04	-23.96	1.89167G	-53.81	2.39992G	-52.80	2.4G	-55.65	2.50142G	-51.61	21.52738G	-47.76	2
2.46079G	5.78	-24.22	2.12234G	-53.28	2.3948G	-53.46	2.4G	-55.20	2.51494G	-51.94	21.9151G	-47.86	3
2.46329G	5.51	-24.49	2.15846G	-53.69	2.39464G	-52.95	2.4G	-55.30	2.50086G	-51.97	21.98253G	-48.18	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

CSEndB

2422MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



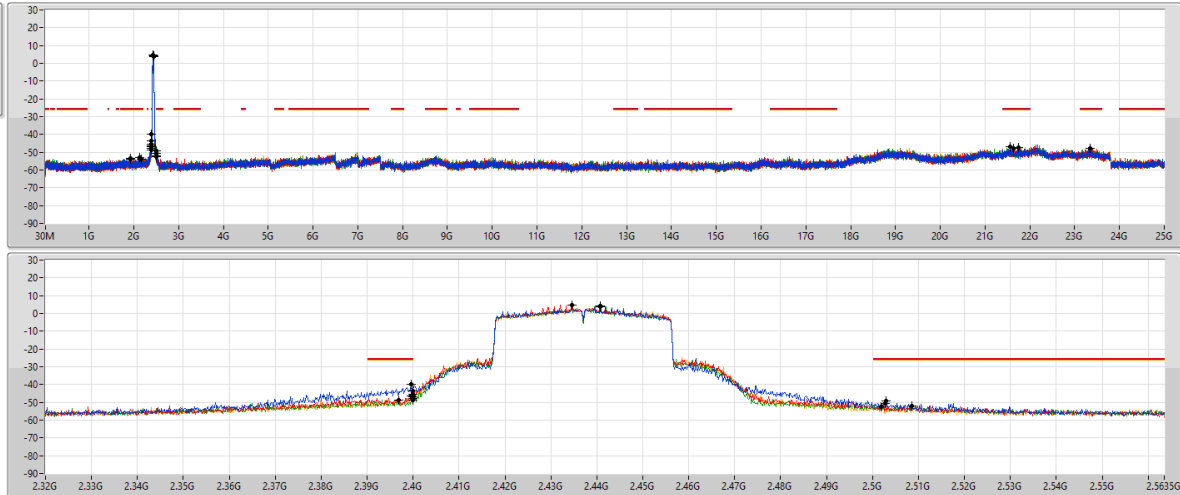
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42572G	2.87	-27.13	1.82536G	-58.09	2.39952G	-46.39	2.4G	-46.64	2.5019G	-54.08	21.95144G	-52.15	1
2.41937G	3.09	-26.91	2.15054G	-58.20	2.4G	-46.70	2.4G	-44.51	2.5043G	-56.75	21.53356G	-52.72	2
2.41703G	3.03	-26.97	2.07383G	-58.19	2.39984G	-46.27	2.4G	-45.44	2.50254G	-55.46	21.75232G	-51.79	3
2.42455G	2.32	-27.68	1.96505G	-58.73	2.39936G	-46.38	2.4G	-46.05	2.50814G	-56.12	21.57002G	-52.28	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

CSEndB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



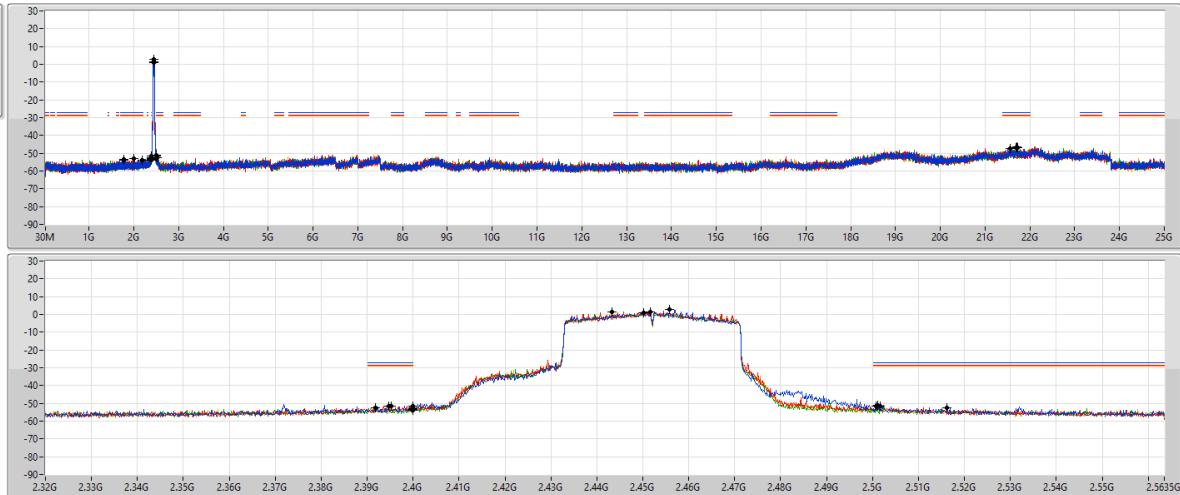
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	4.33	-25.67	2.12306G	-52.82	2.39968G	-39.62	2.4G	-43.36	2.50302G	-49.41	2.156441G	-47.03	1
2.43457G	4.63	-25.37	1.92727G	-53.64	2.39952G	-46.54	2.4G	-45.24	2.5027G	-50.76	2.34531G	-47.97	2
2.44075G	4.36	-25.64	1.92727G	-54.07	2.39696G	-48.71	2.4G	-48.62	2.50862G	-52.02	2.162892G	-47.67	3
2.44075G	3.77	-26.23	2.16886G	-54.05	2.4G	-47.73	2.4G	-46.76	2.5019G	-52.27	2.174951G	-47.20	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

CSEndB

2452MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



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
2.45578G	2.83	-27.17	1.76926G	-53.65	2.39472G	-51.39	2.4G	-52.86	2.5011G	-51.12	2.155319G	-47.42	1
2.4516G	1.21	-28.79	2.00627G	-53.19	2.4G	-51.39	2.4G	-52.76	2.50174G	-51.44	2.171305G	-46.50	2
2.44325G	1.19	-28.81	2.17802G	-53.74	2.39184G	-52.68	2.4G	-54.11	2.50078G	-51.53	2.16822G	-46.98	3
2.4501G	1.14	-28.86	1.7704G	-53.94	2.3952G	-51.54	2.4G	-53.35	2.51614G	-52.62	2.172147G	-46.67	4

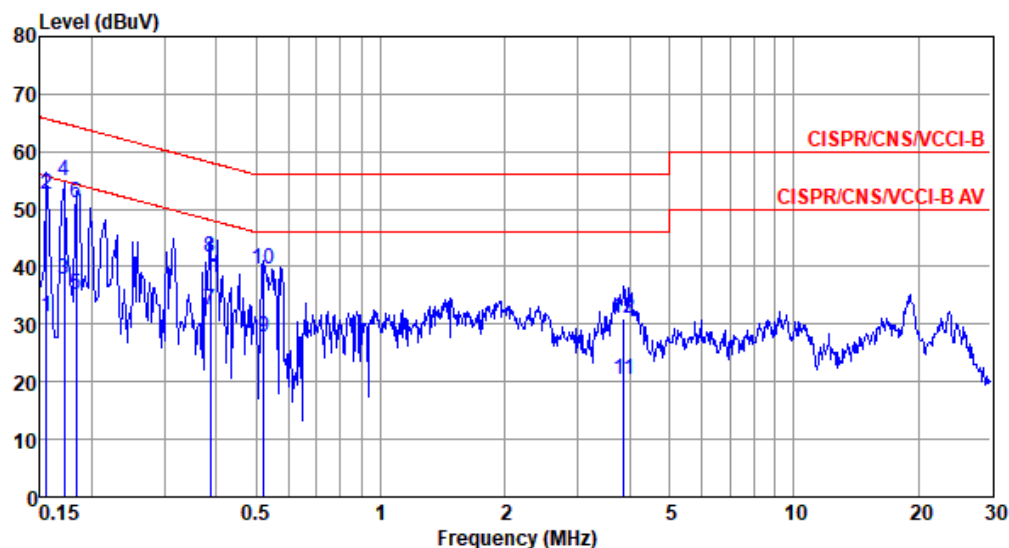


Modulation Mode	11b	Test Freq. (MHz)	2437
Power Phase	Line		

Test by : Sean Yu

Temperature: 26°C

Humidity: 61%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.156	31.28	55.69	-24.41	21.33	9.65	0.08	0.22	Average
2	0.156	52.64	65.69	-13.05	42.69	9.65	0.08	0.22	QP
3	0.171	37.90	54.90	-17.00	27.94	9.65	0.08	0.23	Average
4*	0.171	54.89	64.90	-10.01	44.93	9.65	0.08	0.23	QP
5	0.183	35.13	54.33	-19.20	25.15	9.65	0.08	0.25	Average
6	0.183	50.94	64.33	-13.39	40.96	9.65	0.08	0.25	QP
7	0.387	32.39	48.12	-15.73	22.34	9.64	0.09	0.32	Average
8	0.387	41.51	58.12	-16.61	31.46	9.64	0.09	0.32	QP
9	0.521	27.74	46.00	-18.26	17.67	9.64	0.09	0.34	Average
10	0.521	39.53	56.00	-16.47	29.46	9.64	0.09	0.34	QP
11	3.881	20.32	46.00	-25.68	9.95	9.67	0.22	0.48	Average
12	3.881	31.08	56.00	-24.92	20.71	9.67	0.22	0.48	QP

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

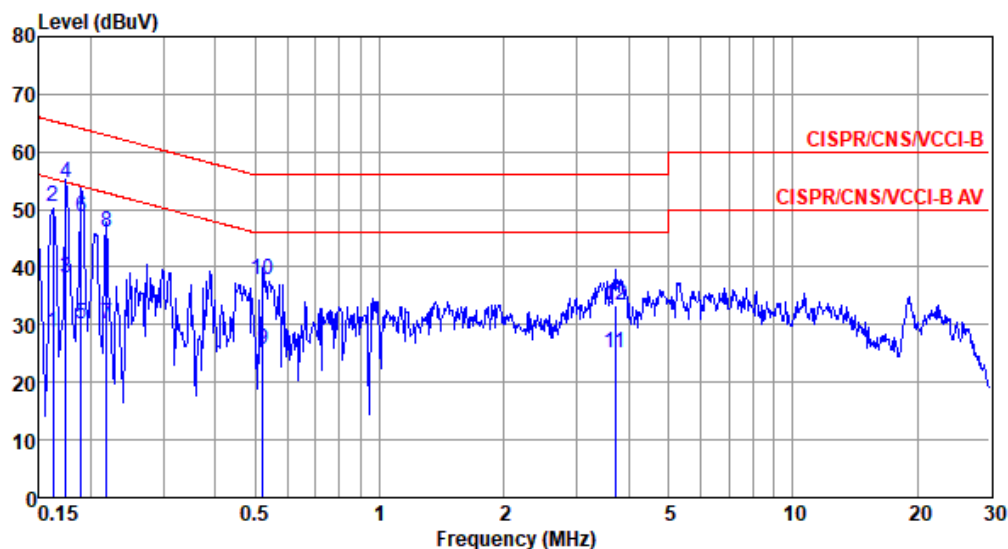
2: Over Limit (dB) = Level (dBUV) - Limit Line (dBUV).

Modulation Mode	11b	Test Freq. (MHz)	2437
Power Phase	Neutral		

Test by : Sean Yu

Temperature: 26°C

Humidity: 61%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.162	28.78	55.34	-26.56	18.88	9.66	0.08	0.16	Average
2	0.162	50.47	65.34	-14.87	40.57	9.66	0.08	0.16	QP
3	0.174	38.04	54.77	-16.73	28.14	9.65	0.08	0.17	Average
4*	0.174	54.66	64.77	-10.11	44.76	9.65	0.08	0.17	QP
5	0.189	30.10	54.06	-23.96	20.18	9.65	0.08	0.19	Average
6	0.189	48.69	64.06	-15.37	38.77	9.65	0.08	0.19	QP
7	0.219	30.10	52.88	-22.78	20.16	9.65	0.08	0.21	Average
8	0.219	45.95	62.88	-16.93	36.01	9.65	0.08	0.21	QP
9	0.521	25.80	46.00	-20.20	15.78	9.64	0.09	0.29	Average
10	0.521	37.92	56.00	-18.08	27.90	9.64	0.09	0.29	QP
11	3.720	25.09	46.00	-20.91	14.74	9.68	0.21	0.46	Average
12	3.720	33.27	56.00	-22.73	22.92	9.68	0.21	0.46	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).