

FCC Test Report

FCC ID : 2AL6XWAP7635
Equipment : Tri-band 2x2 Indoor AP
Model No. : WAP7635
Brand Name : Emplus
Applicant : Emplus Technologies, Inc
Address : Bld B, 10F, No.209, Sec.1, Nangang Rd. Taipei
City Taiwan
Standard : 47 CFR FCC Part 15.247
Received Date : Mar. 25, 2025
Tested Date : Apr. 14 ~ Apr. 25, 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
FR532503AC	Rev. 01	Initial issue	May 16, 2025

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emission	[dBuV]: 0.406MHz 41.55 (Margin -6.18dB) - AV	Pass
15.247(d) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 2.4835MHz 52.48 (Margin -1.52dB) - AV	Pass
15.247(b)(3)	Conducted Output Power	Non-beamforming mode Max Power [dBm]: 25.42 Beamforming mode Max Power [dBm]: 22.32	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]	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.
 Note 3: 802.11be supports beamforming function.

1.1.2 Antenna Details

Ant. No.	Model	Type	Connector	Gain (dBi)
1	2-1	PIFA	UFL	3.5
2	2-2	PIFA	UFL	4.2

1.1.3 Configuration of Equipment under Test (EUT)

Power Supply Type	12V= from AC adapter 54V= from POE	
Beamforming	<input checked="" type="checkbox"/> Support	<input type="checkbox"/> Not support
RU Configuration	<input checked="" type="checkbox"/> Full RU	<input type="checkbox"/> Partial RU

Note: The above power supply is not bundled in market.

1.1.4 Accessories

N/A

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	QPSR, V6.00.00110.1		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	11b	86.23%	0.64
	11g	99.40%	0.03
	be EHT20-OFDMA	80.40%	0.95
	be EHT40-OFDMA	62.90%	2.01

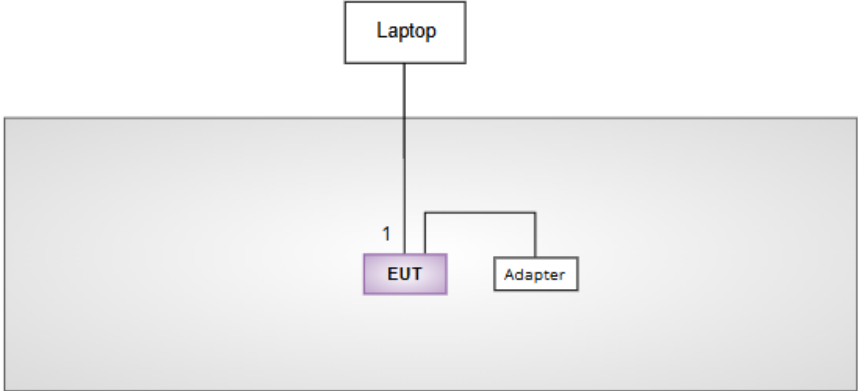
1.1.7 Power Index of Test Tool

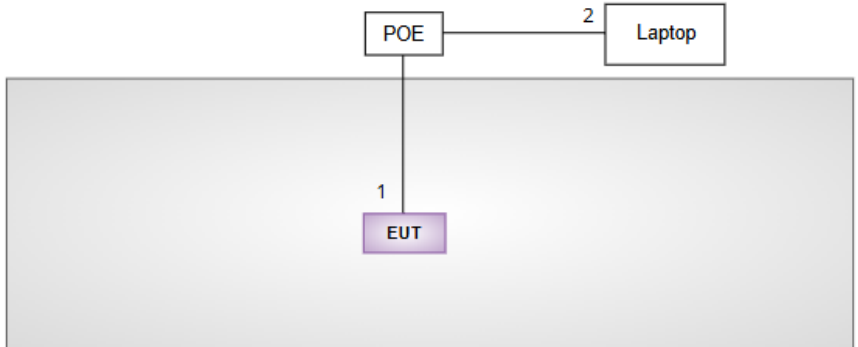
Modulation Mode	Test Frequency (MHz)	Power Index
11b	2412	22
11b	2437	22
11b	2462	22.5
11g	2412	20.5
11g	2437	22.5
11g	2462	21
be EHT20-OFDMA	2412	20
be EHT20-OFDMA	2437	22.5
be EHT20-OFDMA	2462	20
be EHT40-OFDMA	2422	18.5
be EHT40-OFDMA	2437	18.5
be EHT40-OFDMA	2452	16.5

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Laptop	DELL	Latitude 3440	DoC	---

1.3 Test Setup Chart

Test Setup Diagram (Adapter Mode)	
<p>Kept in control area</p> 	
No.	Signal cable / Length (m)
1	RJ45, 10m non-shielded.

Test Setup Diagram (POE Mode)	
<p>Kept in control area</p> 	
No.	Signal cable / Length (m)
1	RJ45, 10m non-shielded.
2	RJ45, 1.3m non-shielded.

1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber3 / (03CH03-WS)				
Tested Date	Apr. 14 ~ Apr. 16, 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	Mar. 27, 2025	Mar. 26, 2026
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	EMC104-SM-SM-8000	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	Sporton	SENSE-EMI	V5.11	NA	NA
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	Apr. 17 ~ Apr. 22, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101498	Nov. 12, 2024	Nov. 11, 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-15407_NII	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	Apr. 25, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101658	Feb. 25, 2025	Feb. 24, 2026
LISN	SCHWARZBECK	Schwarzbeck 8127	8127-667	Feb. 05, 2025	Feb. 04, 2026
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
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	01410	May. 14, 2024	May. 13, 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	2462	1 Mbps	1, 2
Unwanted Emissions ≤ 1GHz	11b	2462	1 Mbps	1, 2
Unwanted Emissions >1GHz	11b	2412 / 2437 / 2462	1 Mbps	1
Conducted Output Power	11g	2412 / 2437 / 2462	6 Mbps	
6dB bandwidth	be EHT20-OFDMA	2412 / 2437 / 2462	MCS 0	
Power spectral density	be EHT40-OFDMA	2422 / 2437 / 2452	MCS 0	
Beamforming mode				
Conducted Output Power	be EHT20-OFDMA be EHT40-OFDMA	2412 / 2437 / 2462 2422 / 2437 / 2452	MCS 0 MCS 0	1
NOTE:				
1. The EUT had been tested by following test configurations.				
1) Configuration 1: Adapter mode				
2) Configuration 2: POE 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

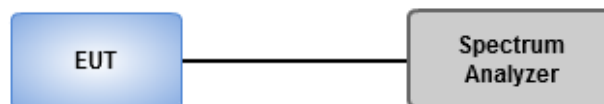
6dB Bandwidth

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 / 63-68%	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	25-26°C / 63-68%	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.

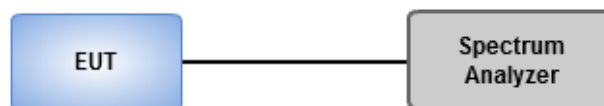
Average PSD, duty cycle $\geq 98\%$

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	25-26°C / 63-68%	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

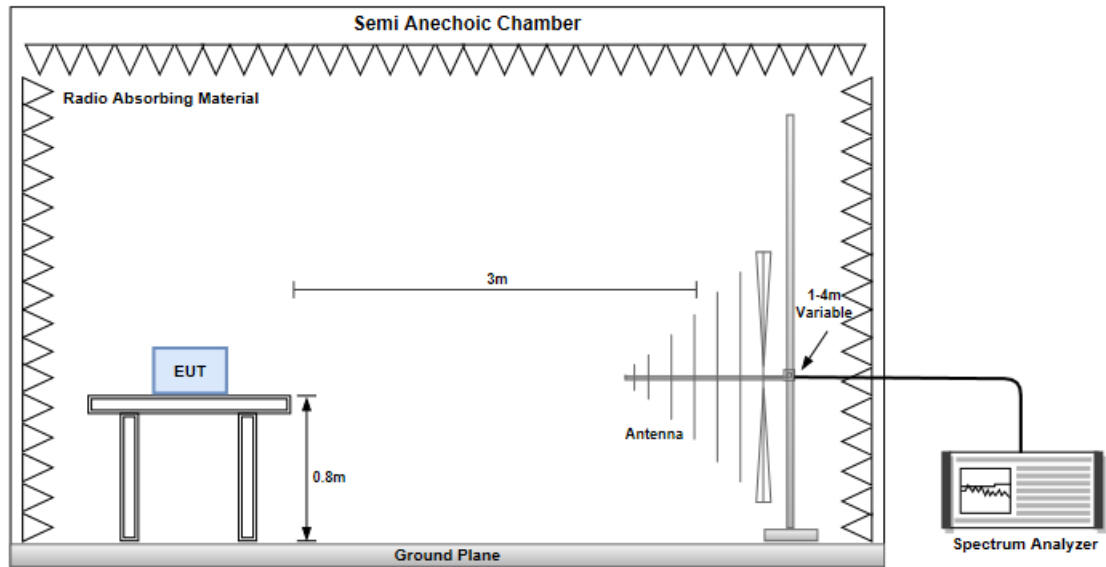
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

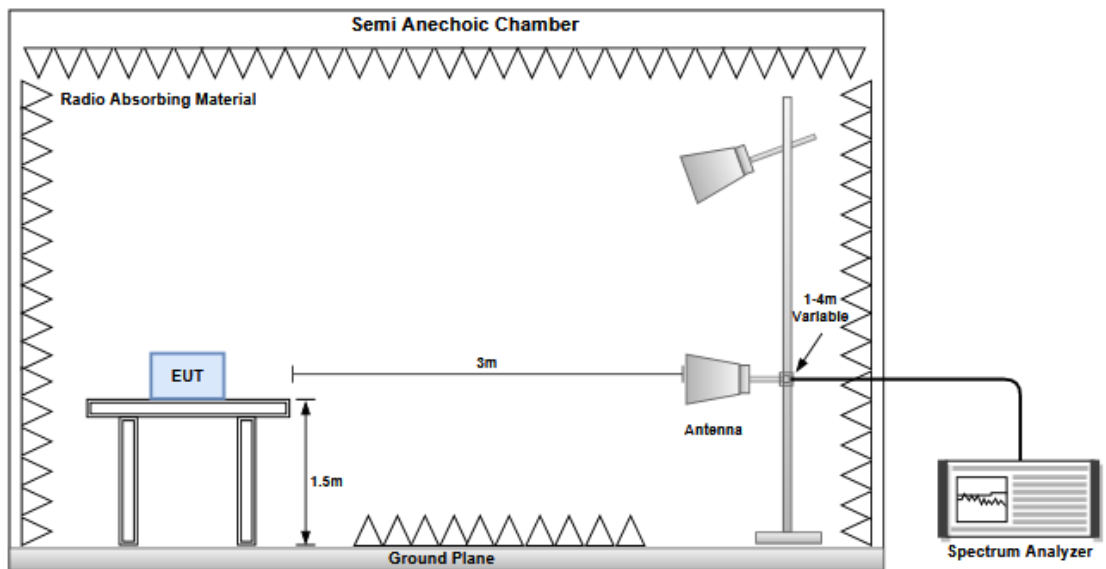
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

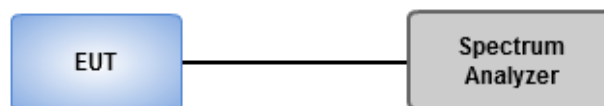
Reference level measurement

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	25-26°C / 63-68%	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

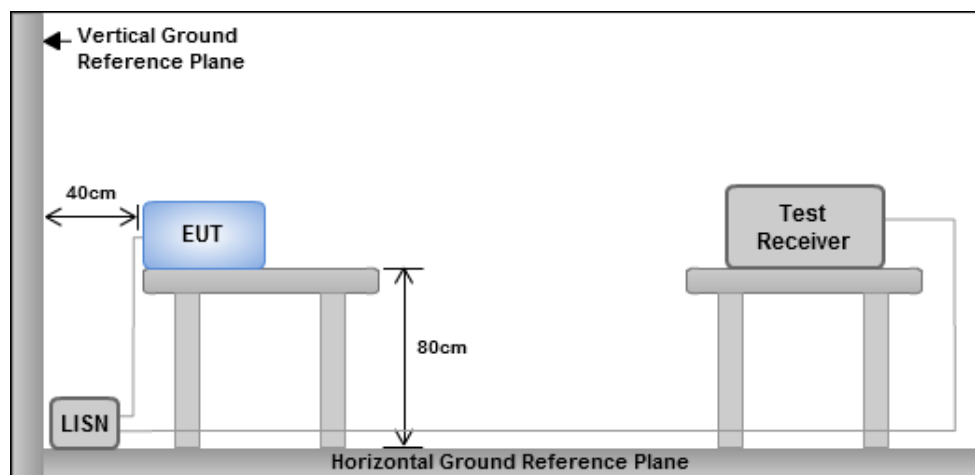
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

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)_2TX	8.525M	13.56M	13M6G1D	7M	13.015M
802.11g_Nss1,(6Mbps)_2TX	15.1M	16.777M	16M8D1D	15.025M	16.662M
802.11be EHT20_Nss1,(MCS0)_2TX-OFDMA	16.825M	19.075M	19M1D1D	11.225M	18.79M
802.11be EHT40_Nss1,(MCS0)_2TX-OFDMA	35.1M	37.874M	37M9D1D	32.45M	37.628M

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	7.075M	13.169M	8.525M	13.019M
2437MHz	Pass	500k	8.05M	13.039M	7.025M	13.531M
2462MHz	Pass	500k	8.025M	13.015M	7M	13.56M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.025M	16.709M	15.025M	16.669M
2437MHz	Pass	500k	15.075M	16.777M	15.075M	16.743M
2462MHz	Pass	500k	15.075M	16.67M	15.1M	16.662M
802.11be EHT20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
2412MHz	Pass	500k	13.775M	18.845M	16.375M	18.979M
2437MHz	Pass	500k	15.025M	18.88M	16.825M	19.075M
2462MHz	Pass	500k	16.15M	18.969M	11.225M	18.79M
802.11be EHT40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
2422MHz	Pass	500k	35.05M	37.698M	32.6M	37.874M
2437MHz	Pass	500k	33.75M	37.82M	35.05M	37.628M
2452MHz	Pass	500k	35.1M	37.79M	32.45M	37.696M

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

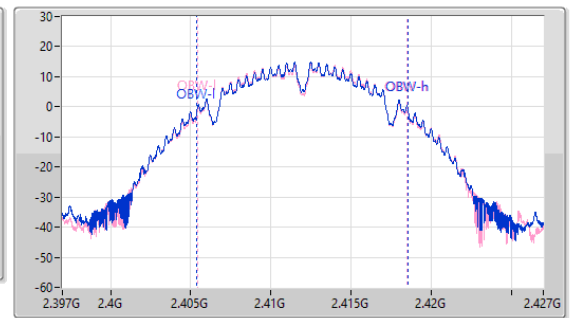
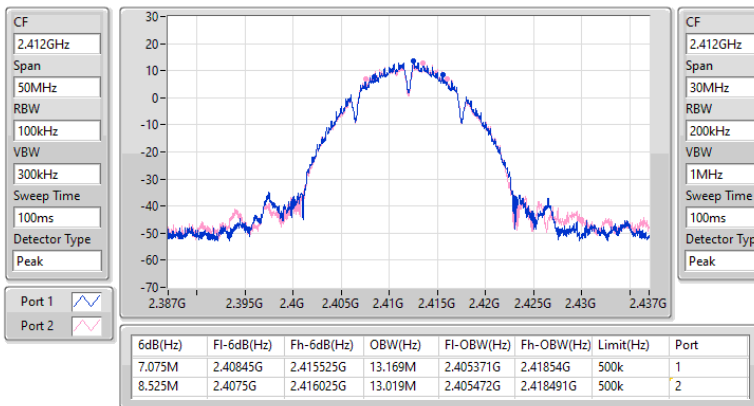
Port X-OBW = Port X 99% occupied bandwidth



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

EBW

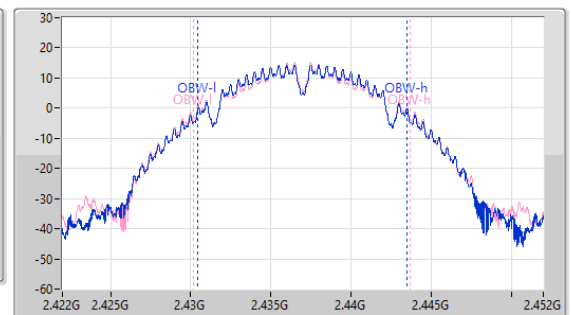
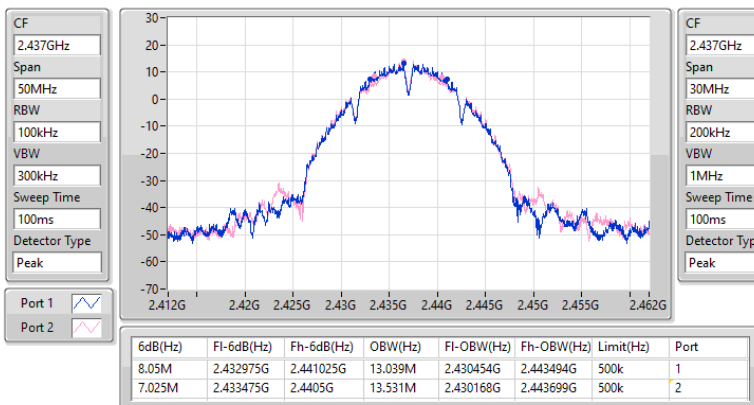
2412MHz



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

EBW

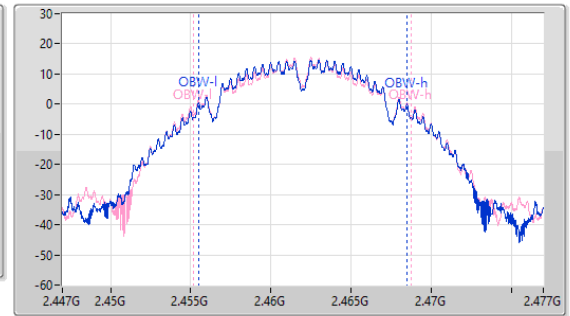
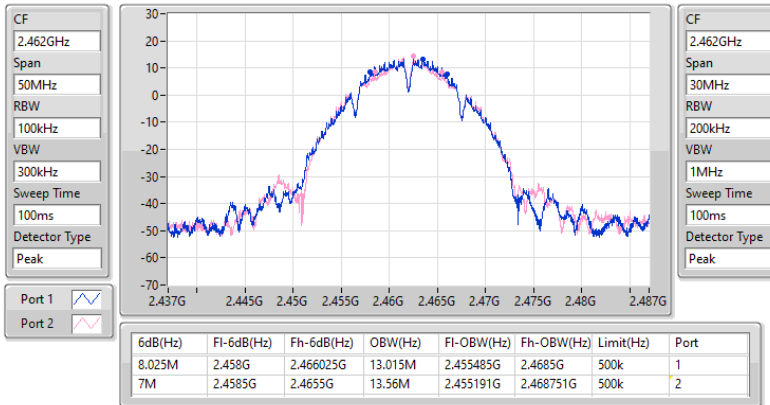
2437MHz



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

EBW

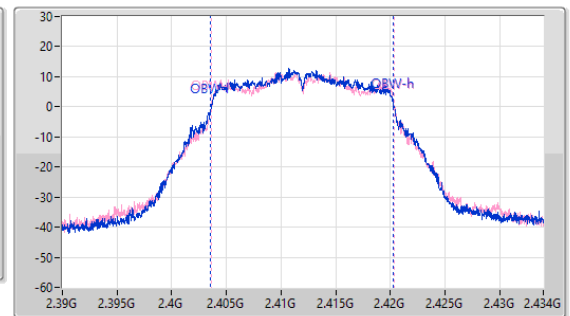
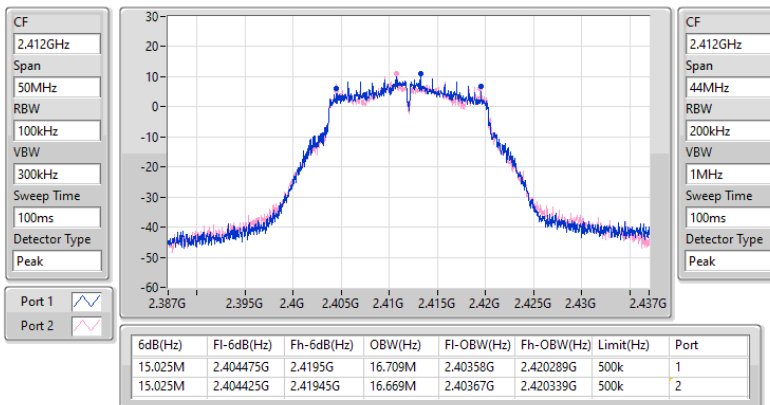
2462MHz



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

EBW

2412MHz

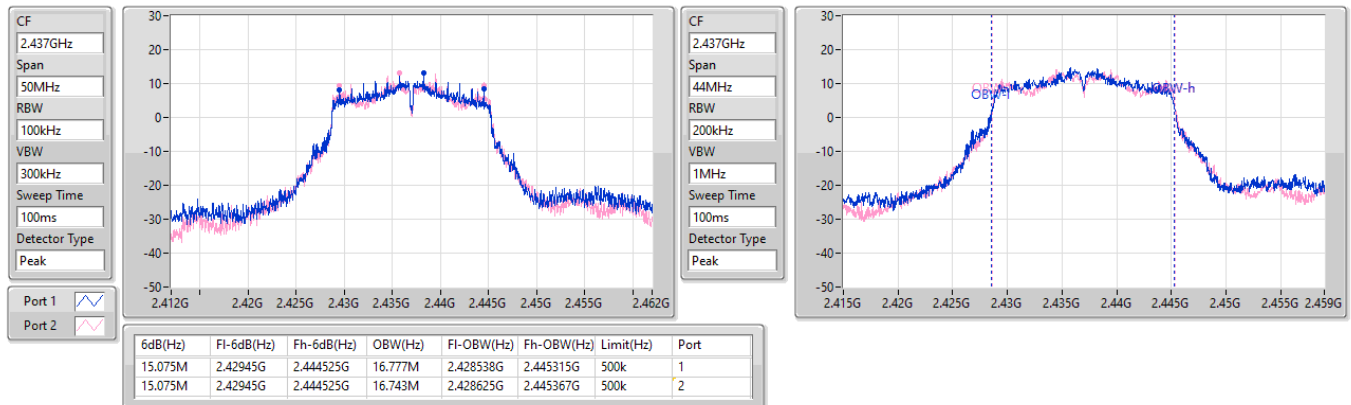




2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

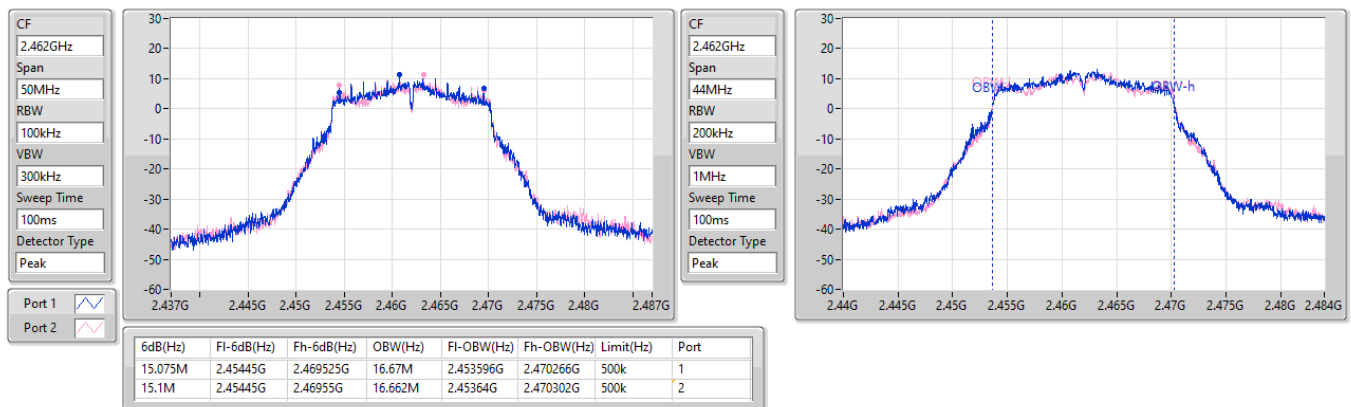
2437MHz



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

EBW

2462MHz

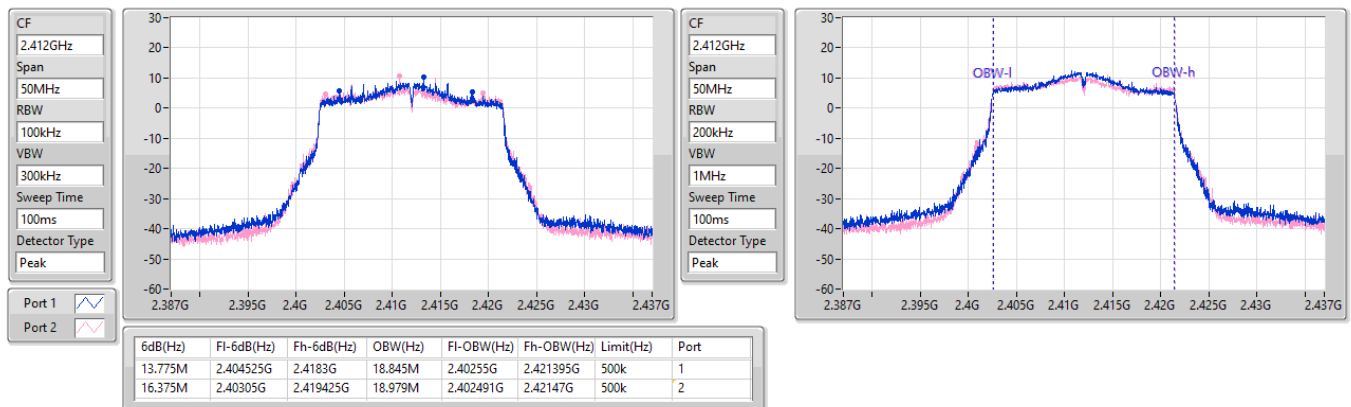




2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

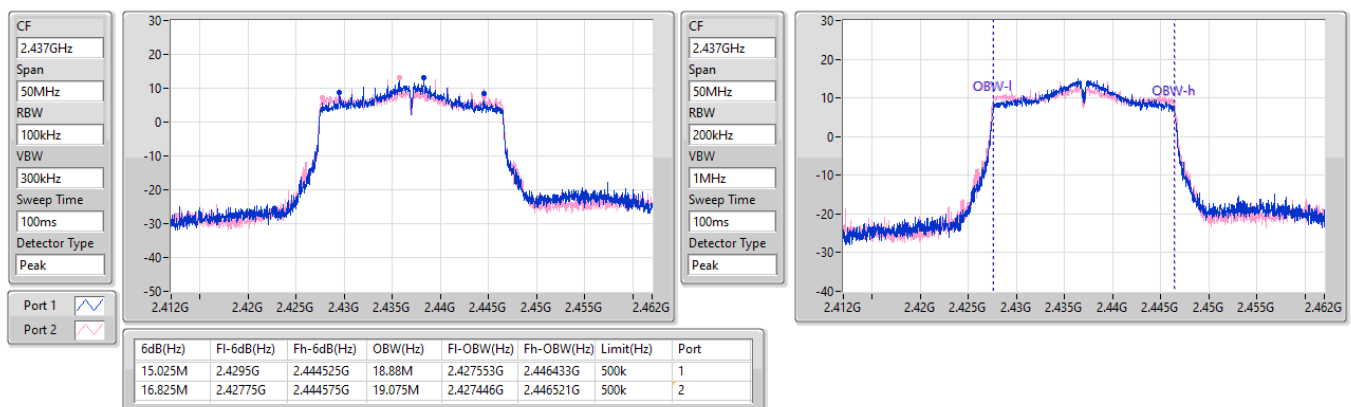
2412MHz



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

EBW

2437MHz

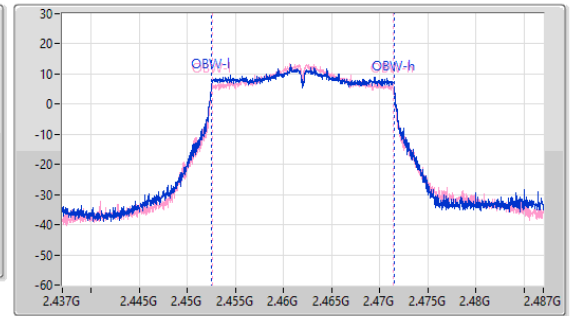
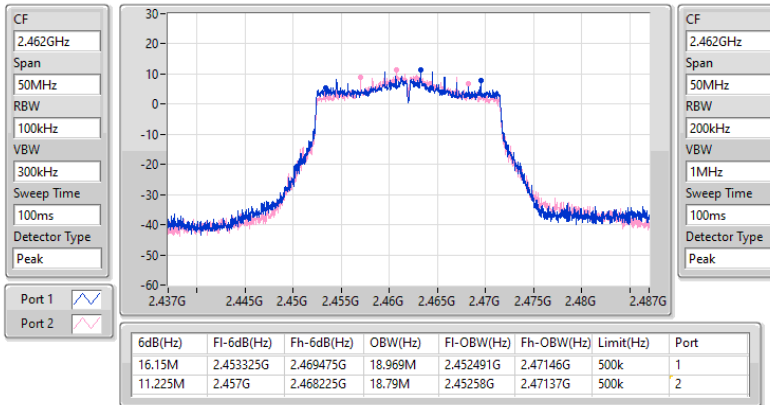




2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

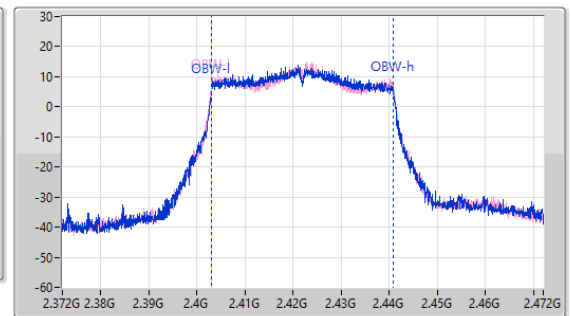
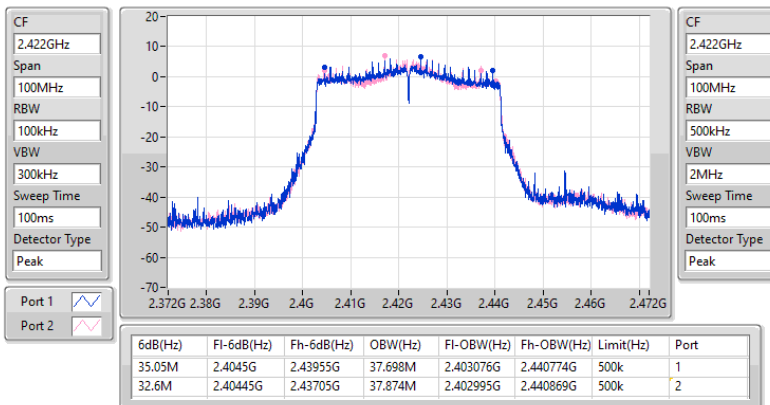
2462MHz



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

EBW

2422MHz

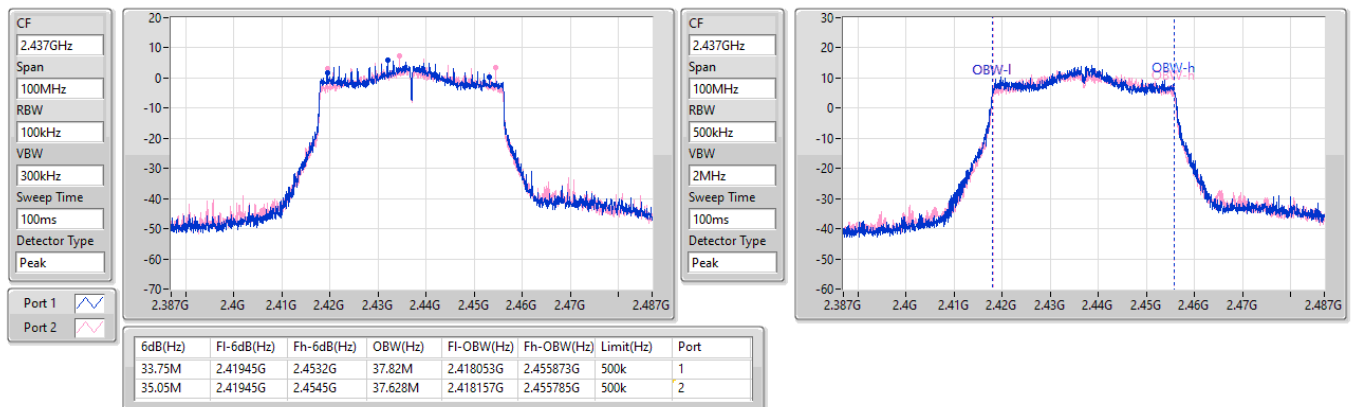




2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

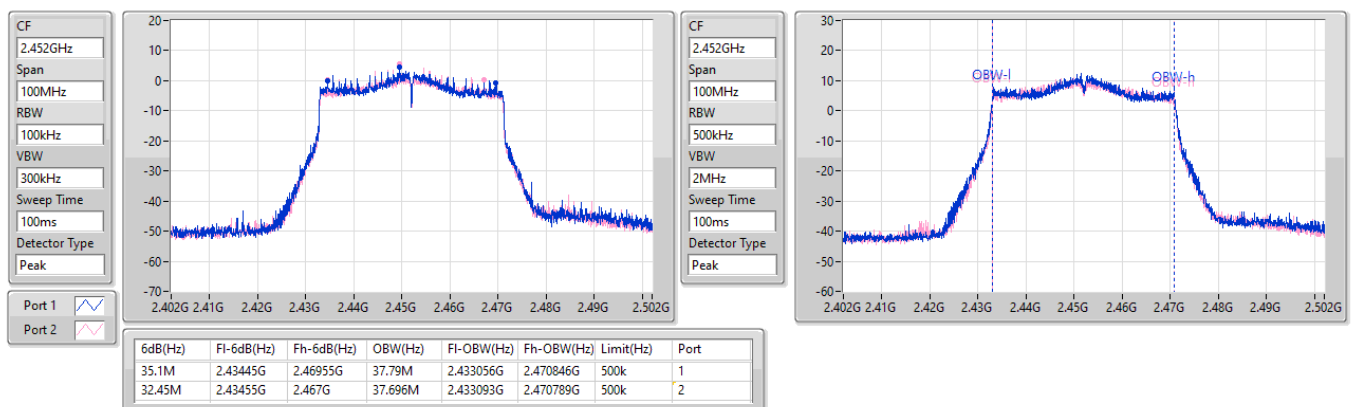
2437MHz



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

EBW

2452MHz



Non-beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	25.42	0.34834
802.11g_Nss1,(6Mbps)_2TX	25.37	0.34435
802.11be EHT20_Nss1,(MCS0)_2TX-OFDMA	25.33	0.34119
802.11be EHT40_Nss1,(MCS0)_2TX-OFDMA	21.80	0.15136

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	4.20	22.15	22.06	25.12	30.00	29.32	36.00
2437MHz	Pass	4.20	22.21	22.13	25.18	30.00	29.38	36.00
2462MHz	Pass	4.20	22.65	22.15	25.42	30.00	29.62	36.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.20	20.32	20.06	23.20	30.00	27.40	36.00
2437MHz	Pass	4.20	22.43	22.28	25.37	30.00	29.57	36.00
2462MHz	Pass	4.20	20.86	20.75	23.82	30.00	28.02	36.00
802.11be EHT20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
2412MHz	Pass	4.20	20.06	19.24	22.68	30.00	26.88	36.00
2437MHz	Pass	4.20	22.55	22.07	25.33	30.00	29.53	36.00
2462MHz	Pass	4.20	19.85	19.35	22.62	30.00	26.82	36.00
802.11be EHT40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
2422MHz	Pass	4.20	18.91	18.21	21.58	30.00	25.78	36.00
2437MHz	Pass	4.20	19.06	18.51	21.80	30.00	26.00	36.00
2452MHz	Pass	4.20	16.92	16.9	19.92	30.00	24.12	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-OFDMA	22.32	0.17061
802.11be EHT40-BF_Nss1,(MCS0)_2TX-OFDMA	18.79	0.07568

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-OFDMA	-	-	-	-	-	-	-	-
2412MHz	Pass	6.87	17.05	16.23	19.67	29.13	26.54	36.00
2437MHz	Pass	6.87	19.54	19.06	22.32	29.13	29.19	36.00
2462MHz	Pass	6.87	16.84	16.34	19.61	29.13	26.48	36.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
2422MHz	Pass	6.87	15.9	15.2	18.57	29.13	25.44	36.00
2437MHz	Pass	6.87	16.05	15.5	18.79	29.13	25.66	36.00
2452MHz	Pass	6.87	13.91	13.89	16.91	29.13	23.78	36.00

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

Directional gain = $10 * \log((10^{3.5/20} + 10^{4.2/20})^2 / 2) = 6.87 \text{ dBi} > 6 \text{ dBi}$.

Limit shall be reduced to $30 \text{ dBm} - (6.87 \text{ dBi} - 6 \text{ dBi}) = 29.13 \text{ dBm}$

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-0.33
802.11g_Nss1,(6Mbps)_2TX	-5.15
802.11be EHT20_Nss1,(MCS0)_2TX-OFDMA	-5.88
802.11be EHT40_Nss1,(MCS0)_2TX-OFDMA	-10.51

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	6.87	-3.75	-5.45	-1.54	7.13
2437MHz	Pass	6.87	-4.73	-4.13	-1.55	7.13
2462MHz	Pass	6.87	-3.76	-2.70	-0.33	7.13
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.87	-8.84	-9.95	-6.98	7.13
2437MHz	Pass	6.87	-7.18	-7.84	-5.15	7.13
2462MHz	Pass	6.87	-8.24	-9.41	-6.80	7.13
802.11be EHT20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
2412MHz	Pass	6.87	-9.00	-11.84	-7.44	7.13
2437MHz	Pass	6.87	-7.52	-8.67	-5.88	7.13
2462MHz	Pass	6.87	-10.20	-8.73	-7.20	7.13
802.11be EHT40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
2422MHz	Pass	6.87	-14.40	-13.68	-11.67	7.13
2437MHz	Pass	6.87	-12.66	-14.02	-10.51	7.13
2452MHz	Pass	6.87	-15.34	-16.38	-12.92	7.13

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;

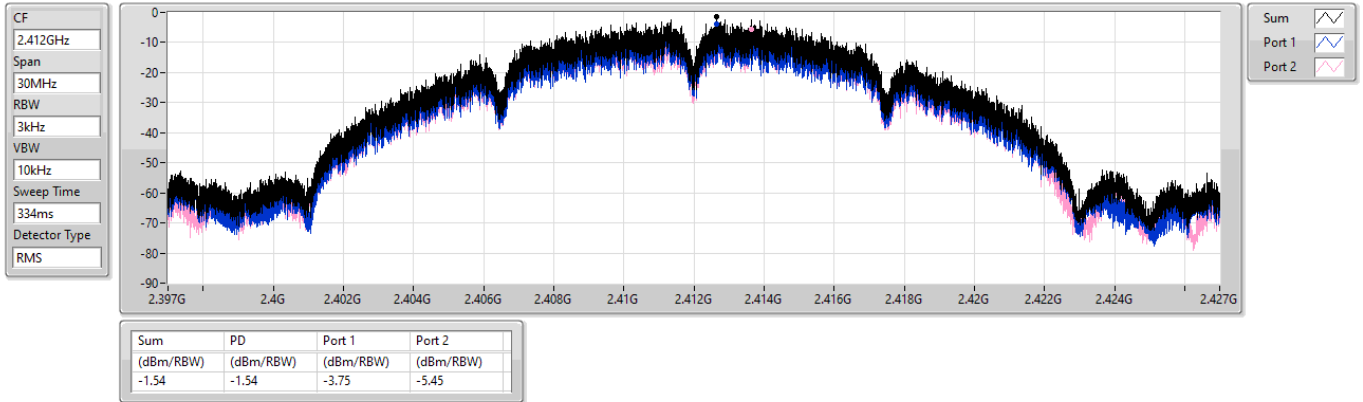
Directional gain = $10 * \log((10^{3.5/20} + 10^{4.2/20})^2 / 2) = 6.87 \text{ dBi} > 6 \text{ dBi}$.

Limit shall be reduced to 8 dBm – (6.87 dBi – 6 dBi) = 7.13 dBm

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

PSD

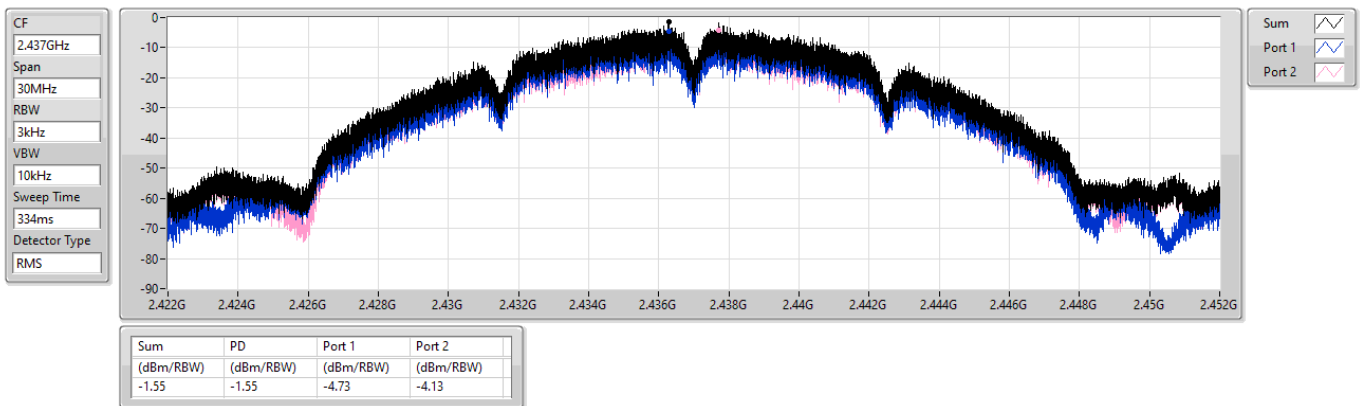
2412MHz



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

PSD

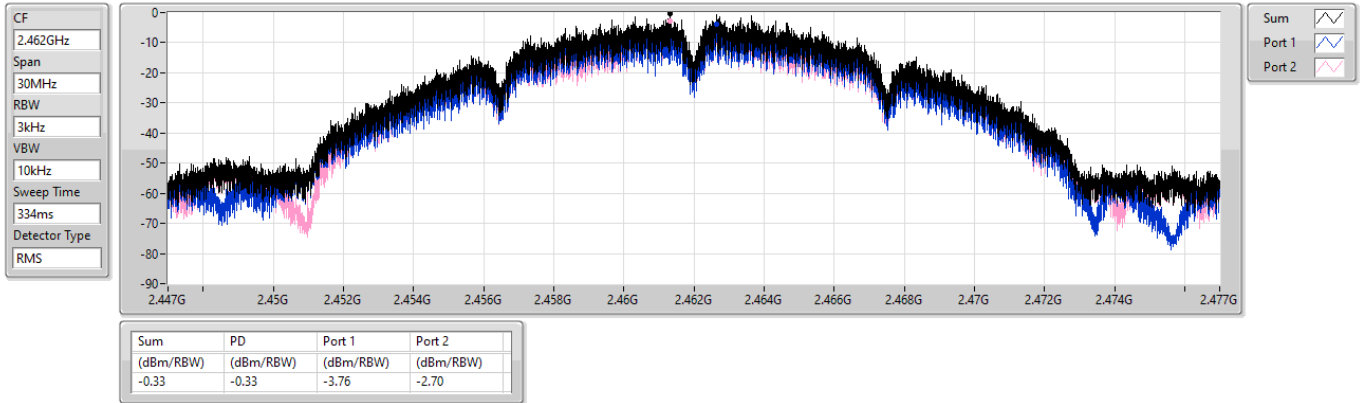
2437MHz



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

PSD

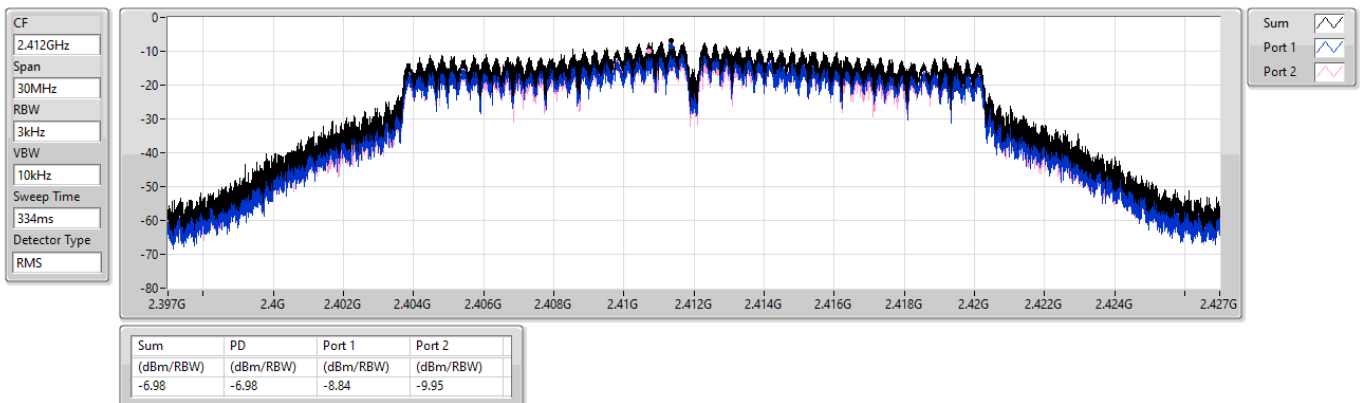
2462MHz



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

PSD

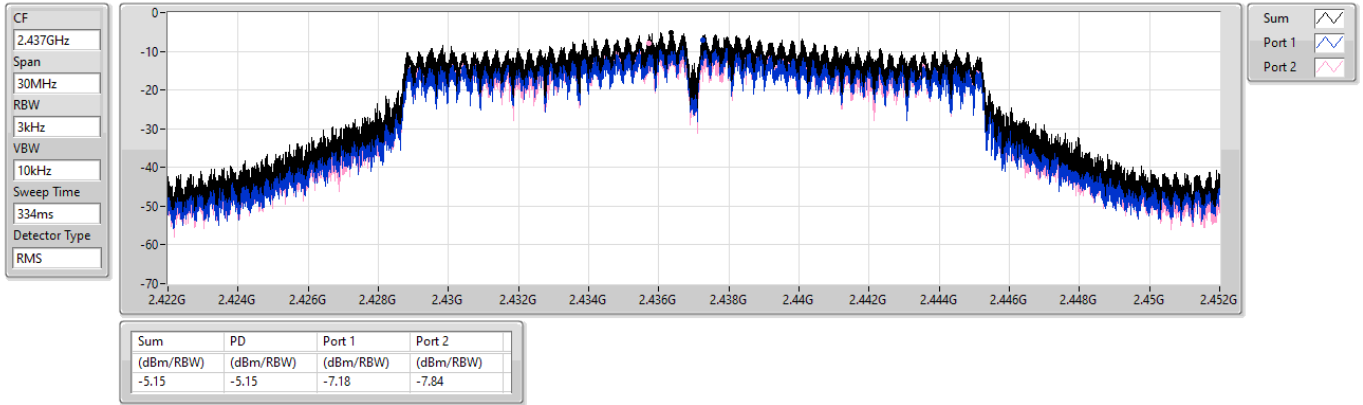
2412MHz



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

PSD

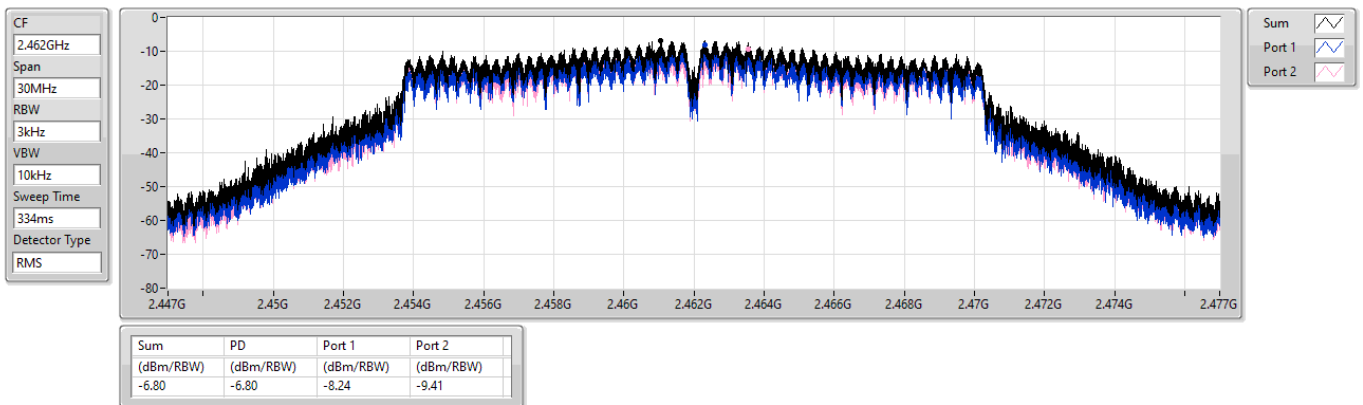
2437MHz



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

PSD

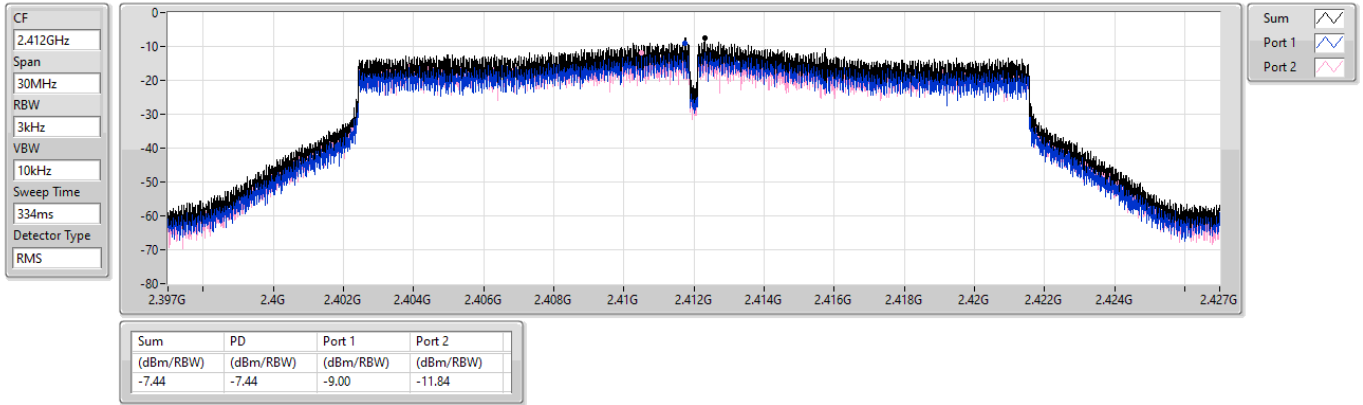
2462MHz



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

PSD

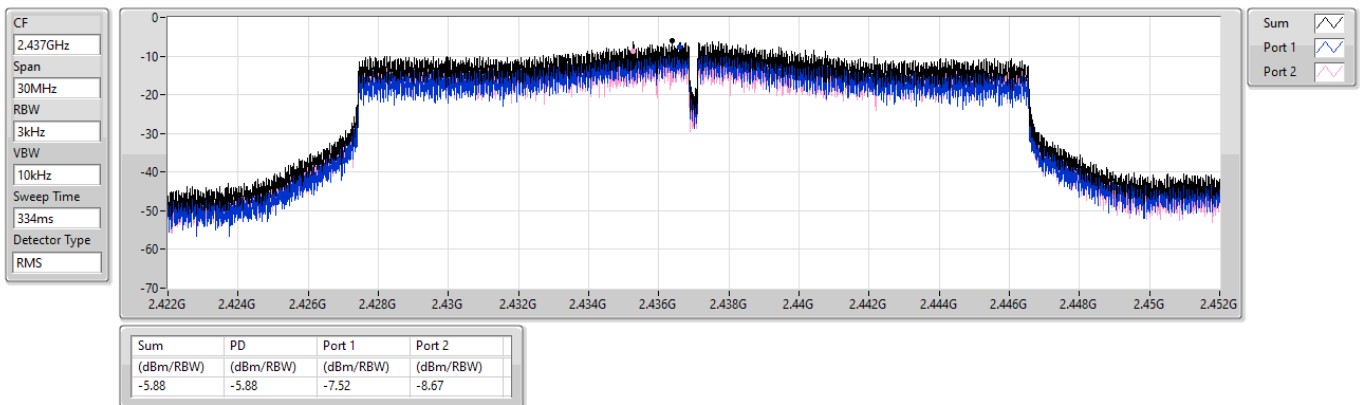
2412MHz



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

PSD

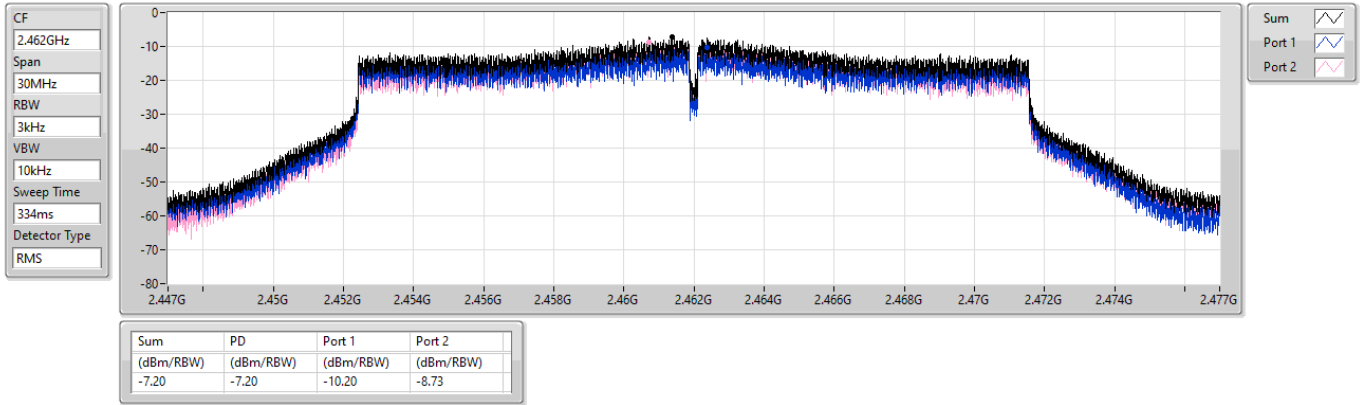
2437MHz



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

PSD

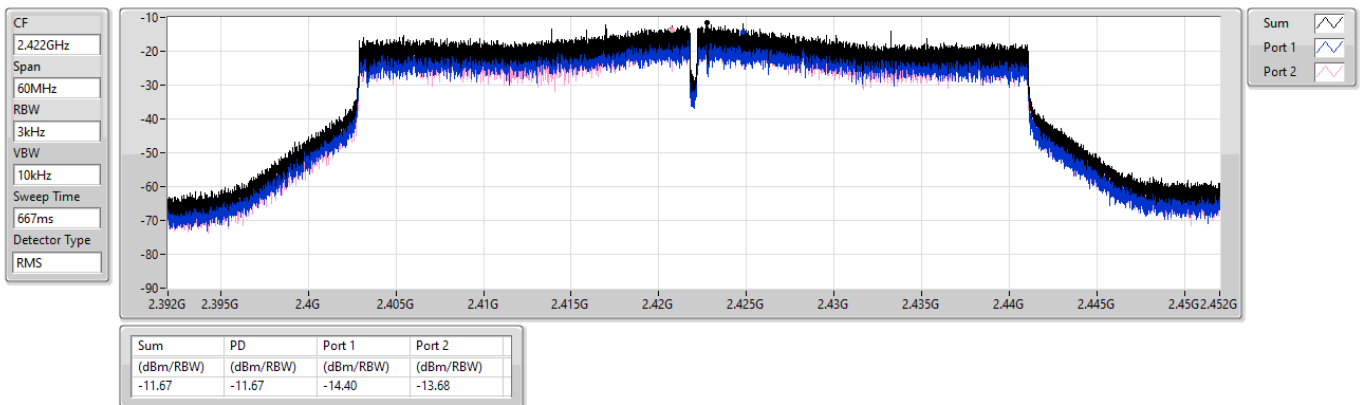
2462MHz



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

PSD

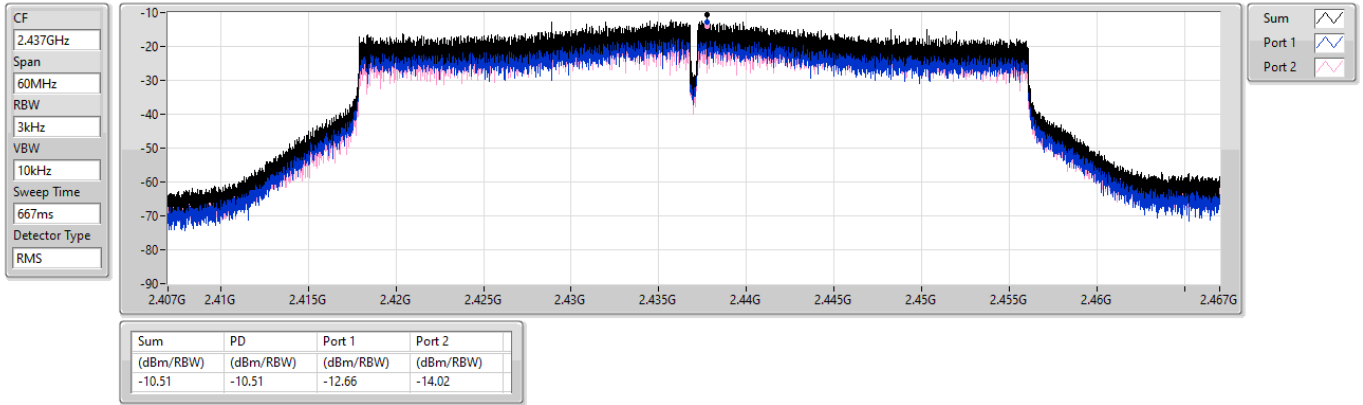
2422MHz



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

PSD

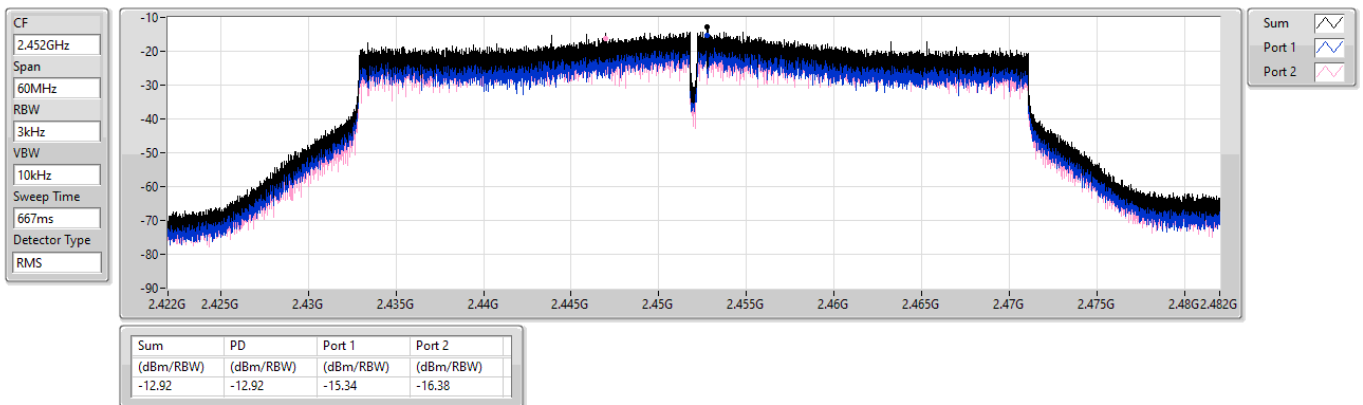
2437MHz



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

PSD

2452MHz

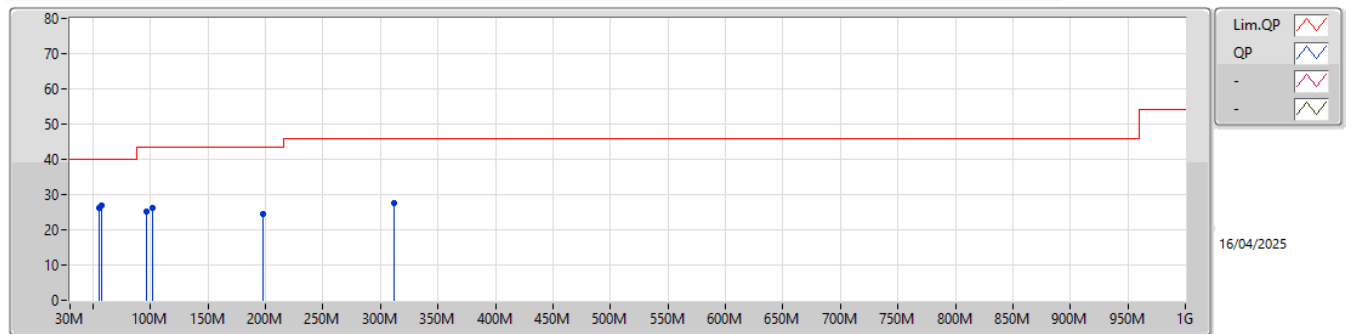




Summary

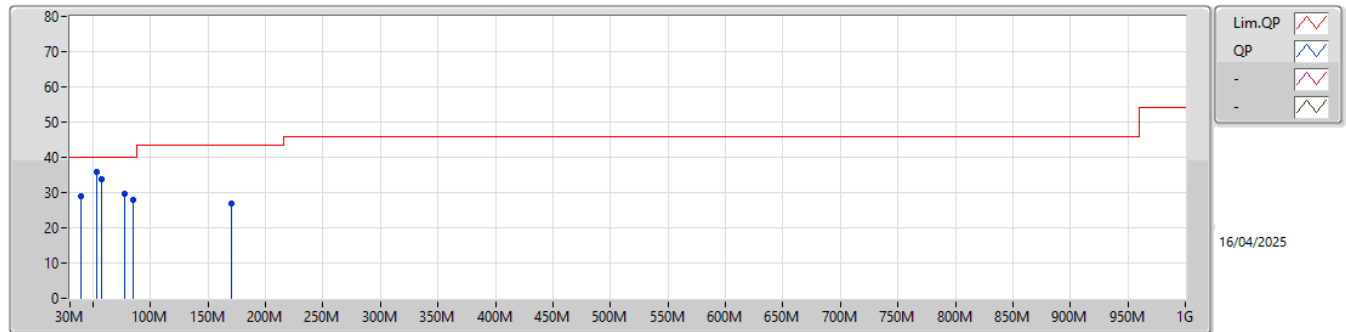
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	53.15M	36.01	40.00	-3.99	Vertical
Mode 2	Pass	PK	55.15M	35.87	40.00	-4.13	Vertical

Mode 1



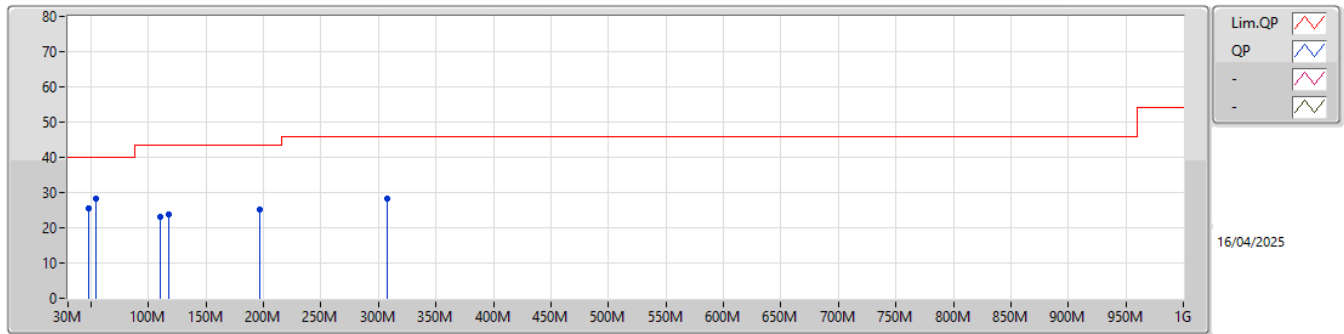
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	55.18M	26.24	40.00	-13.76	-8.86	3	Horizontal	-	-	-	35.10	18.52	0.67	28.05		
PK	57.22M	27.05	40.00	-12.95	-8.95	3	Horizontal	-	-	-	36.00	18.43	0.67	28.05		
PK	96.88M	25.32	43.50	-18.18	-13.68	3	Horizontal	-	-	-	39.00	13.39	0.98	28.05		
PK	101.54M	26.25	43.50	-17.25	-12.94	3	Horizontal	-	-	-	39.19	14.10	1.01	28.05		
PK	197.75M	24.52	43.50	-18.98	-11.71	3	Horizontal	-	-	-	36.23	15.00	1.42	28.13		
PK	312.24M	27.58	46.00	-18.42	-7.73	3	Horizontal	-	-	-	35.31	18.59	1.85	28.17		

Mode 1



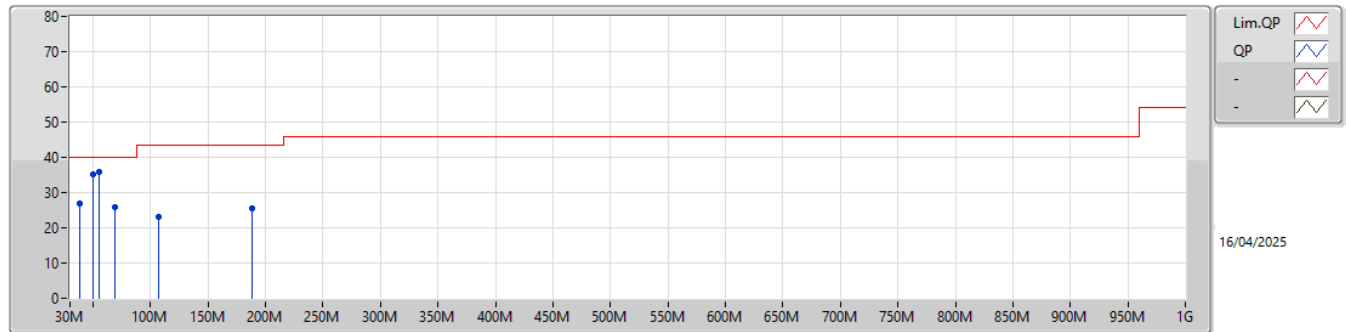
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	39.65M	29.02	40.00	-10.98	-9.41	3	Vertical	-	-	-	38.43	18.07	0.54	28.02		
PK	53.15M	36.01	40.00	-3.99	-8.59	3	Vertical	-	-	-	44.60	18.79	0.67	28.05		
PK	57.25M	33.68	40.00	-6.32	-8.95	3	Vertical	-	-	-	42.63	18.43	0.67	28.05		
PK	77.45M	29.64	40.00	-10.36	-12.99	3	Vertical	-	-	-	42.63	14.26	0.80	28.05		
PK	84.75M	27.95	40.00	-12.05	-14.46	3	Vertical	-	-	-	42.41	12.72	0.87	28.05		
PK	170.24M	27.03	43.50	-16.47	-9.21	3	Vertical	-	-	-	36.24	17.62	1.28	28.11		

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	47.65M	25.62	40.00	-14.38	-8.78	3	Horizontal	-	-	-	34.40	18.63	0.63	28.04		
PK	54.18M	28.24	40.00	-11.76	-8.72	3	Horizontal	-	-	-	36.96	18.66	0.67	28.05		
PK	110.66M	23.14	43.50	-20.36	-11.72	3	Horizontal	-	-	-	34.86	15.30	1.04	28.06		
PK	117.30M	23.63	43.50	-19.87	-11.03	3	Horizontal	-	-	-	34.66	15.97	1.06	28.06		
PK	196.74M	25.27	43.50	-18.23	-11.69	3	Horizontal	-	-	-	36.96	15.03	1.41	28.13		
PK	307.34M	28.28	46.00	-17.72	-7.90	3	Horizontal	-	-	-	36.18	18.45	1.83	28.18		

Mode 2



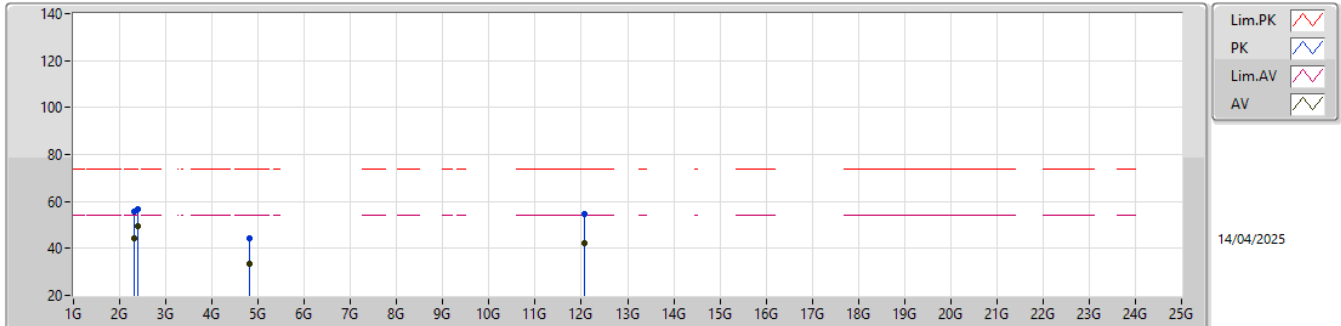
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.66M	27.05	40.00	-12.95	-9.52	3	Vertical	-	-	-	36.57	17.97	0.53	28.02		
PK	50.48M	35.25	40.00	-4.75	-8.64	3	Vertical	-	-	-	43.89	18.75	0.66	28.05		
PK	55.15M	35.87	40.00	-4.13	-8.86	3	Vertical	-	-	-	44.73	18.52	0.67	28.05		
PK	68.77M	25.73	40.00	-14.27	-10.91	3	Vertical	-	-	-	36.64	16.41	0.73	28.05		
PK	106.54M	23.14	43.50	-20.36	-12.13	3	Vertical	-	-	-	35.27	14.91	1.02	28.06		
PK	188.05M	25.47	43.50	-18.03	-11.07	3	Vertical	-	-	-	36.54	15.69	1.36	28.12		

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.39G	52.01	54.00	-1.99	3	Vertical	132	3.29	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	52.48	54.00	-1.52	3	Vertical	272	2.24	-
802.11be EHT20_Nss1,(MCS0)_2TX-OFDMA	Pass	AV	2.4835G	52.02	54.00	-1.98	3	Vertical	260	3.33	-
802.11be EHT40_Nss1,(MCS0)_2TX-OFDMA	Pass	AV	2.4835G	52.11	54.00	-1.89	3	Vertical	166	3.46	-

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

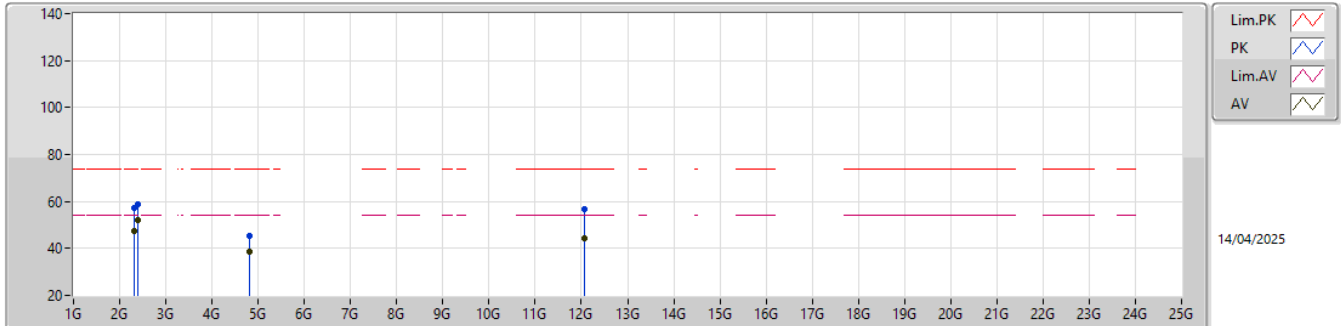
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.317G	44.25	54.00	-9.75	47.70	3	Horizontal	105	3.11	-	28.00	4.89	36.34			
PK	2.317G	55.82	74.00	-18.18	59.27	3	Horizontal	105	3.11	-	28.00	4.89	36.34			
AV	2.39G	49.26	54.00	-4.74	53.13	3	Horizontal	105	3.11	-	27.60	4.95	36.42			
PK	2.39G	56.48	74.00	-17.52	60.35	3	Horizontal	105	3.11	-	27.60	4.95	36.42			
AV	4.824G	33.29	54.00	-20.71	33.55	3	Horizontal	215	1.14	-	31.20	6.75	38.21			
PK	4.824G	44.32	74.00	-29.68	44.58	3	Horizontal	215	1.14	-	31.20	6.75	38.21			
AV	12.06G	42.28	54.00	-11.72	34.98	3	Horizontal	49	1.00	-	38.92	10.56	42.18			
PK	12.06G	54.88	74.00	-19.12	47.58	3	Horizontal	49	1.00	-	38.92	10.56	42.18			

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

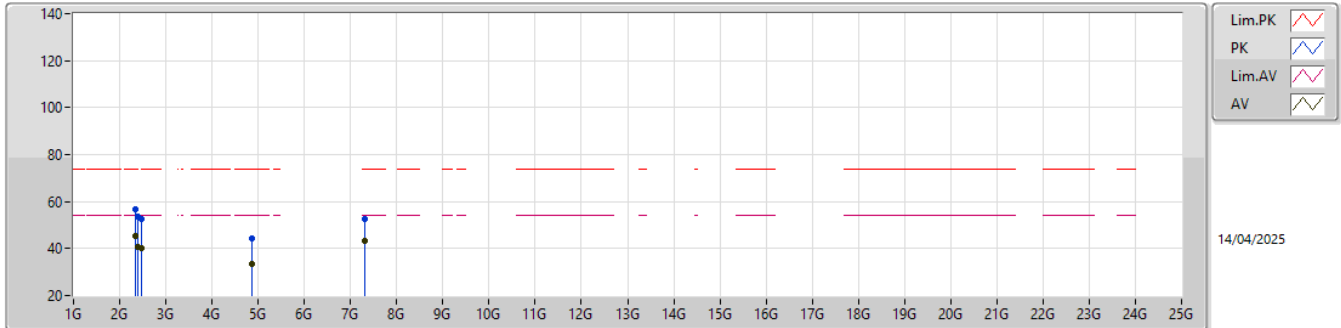
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.317G	47.38	54.00	-6.62	50.83	3	Vertical	3	3.29	-	28.00	4.89	36.34			
PK	2.317G	57.19	74.00	-16.81	60.64	3	Vertical	3	3.29	-	28.00	4.89	36.34			
AV	2.39G	52.01	54.00	-1.99	55.88	3	Vertical	132	3.29	-	27.60	4.95	36.42			
PK	2.39G	59.05	74.00	-14.95	62.92	3	Vertical	132	3.29	-	27.60	4.95	36.42			
AV	4.824G	38.42	54.00	-15.58	38.68	3	Vertical	195	2.20	-	31.20	6.75	38.21			
PK	4.824G	45.40	74.00	-28.60	45.66	3	Vertical	195	2.20	-	31.20	6.75	38.21			
AV	12.06G	44.56	54.00	-9.44	37.26	3	Vertical	228	1.00	-	38.92	10.56	42.18			
PK	12.06G	56.52	74.00	-17.48	49.22	3	Vertical	228	1.00	-	38.92	10.56	42.18			

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

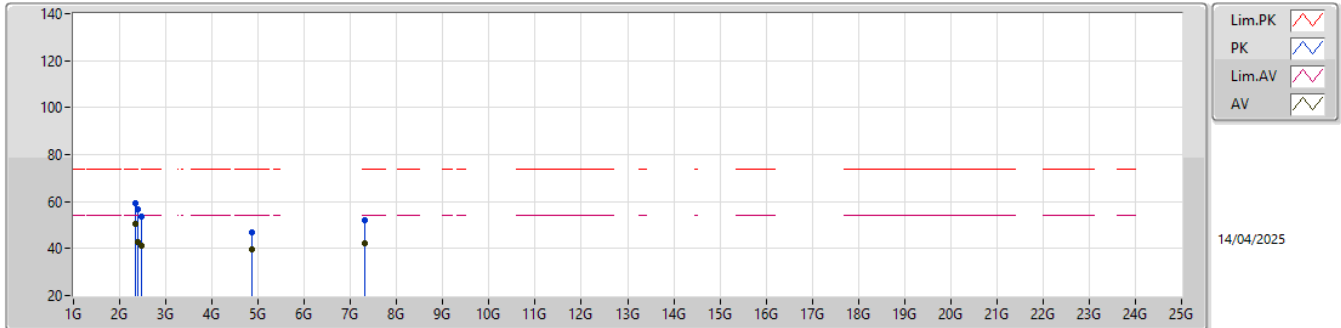
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.342G	45.47	54.00	-8.53	49.13	3	Horizontal	110	3.12	-	27.80	4.91	36.37				
PK	2.342G	56.89	74.00	-17.11	60.55	3	Horizontal	110	3.12	-	27.80	4.91	36.37				
AV	2.39G	40.93	54.00	-13.07	44.80	3	Horizontal	110	3.12	-	27.60	4.95	36.42				
PK	2.39G	53.70	74.00	-20.30	57.57	3	Horizontal	110	3.12	-	27.60	4.95	36.42				
AV	2.4835G	40.06	54.00	-13.94	44.02	3	Horizontal	110	3.12	-	27.54	5.01	36.51				
PK	2.4835G	52.83	74.00	-21.17	56.79	3	Horizontal	110	3.12	-	27.54	5.01	36.51				
AV	4.874G	33.41	54.00	-20.59	33.67	3	Horizontal	224	1.22	-	31.20	6.78	38.24				
PK	4.874G	44.41	74.00	-29.59	44.67	3	Horizontal	224	1.22	-	31.20	6.78	38.24				
AV	7.311G	43.47	54.00	-10.53	37.98	3	Horizontal	179	3.29	-	36.40	8.24	39.15				
PK	7.311G	52.61	74.00	-21.39	47.12	3	Horizontal	179	3.29	-	36.40	8.24	39.15				

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

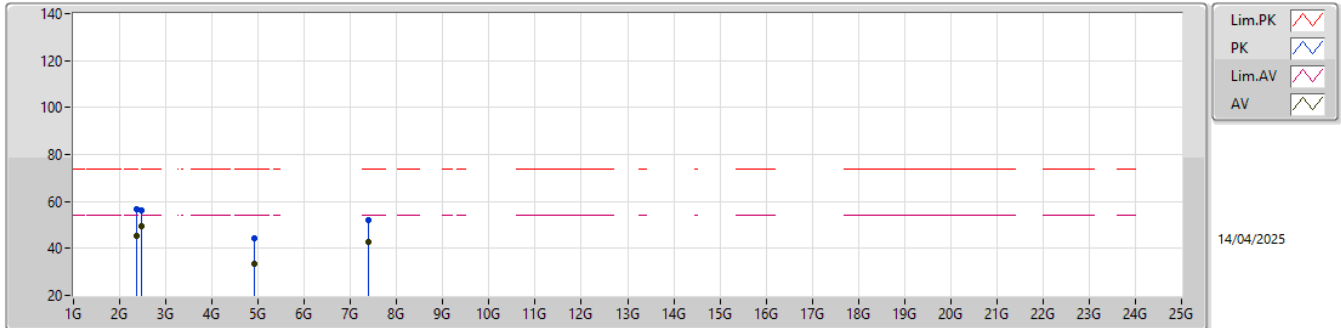
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.342G	50.36	54.00	-3.64	54.02	3	Vertical	3	2.55	-	27.80	4.91	36.37				
PK	2.342G	59.41	74.00	-14.59	63.07	3	Vertical	3	2.55	-	27.80	4.91	36.37				
AV	2.39G	42.74	54.00	-11.26	46.61	3	Vertical	156	2.67	-	27.60	4.95	36.42				
PK	2.39G	56.83	74.00	-17.17	60.70	3	Vertical	156	2.67	-	27.60	4.95	36.42				
AV	2.4835G	40.99	54.00	-13.01	44.95	3	Vertical	156	2.67	-	27.54	5.01	36.51				
PK	2.4835G	53.48	74.00	-20.52	57.44	3	Vertical	156	2.67	-	27.54	5.01	36.51				
AV	4.874G	39.86	54.00	-14.14	40.12	3	Vertical	190	2.15	-	31.20	6.78	38.24				
PK	4.874G	47.05	74.00	-26.95	47.31	3	Vertical	190	2.15	-	31.20	6.78	38.24				
AV	7.311G	42.06	54.00	-11.94	36.57	3	Vertical	270	1.01	-	36.40	8.24	39.15				
PK	7.311G	52.07	74.00	-21.93	46.58	3	Vertical	270	1.01	-	36.40	8.24	39.15				

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

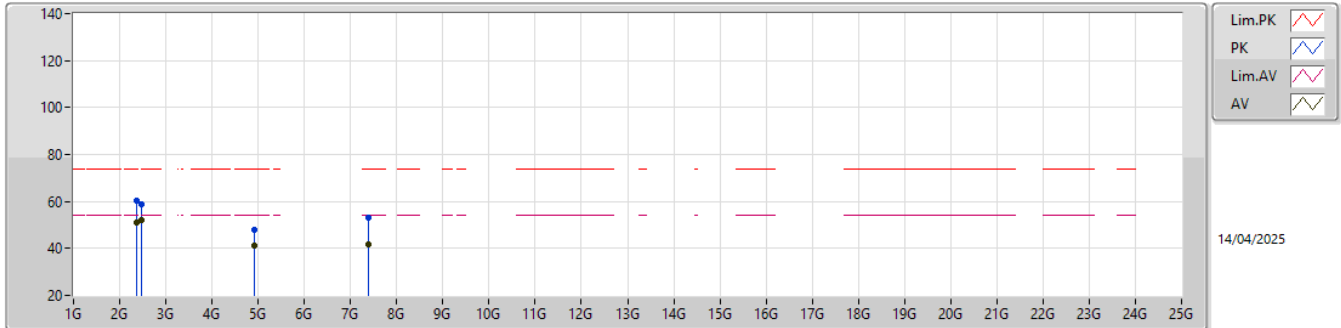
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.367G	45.59	54.00	-8.41	49.35	3	Horizontal	115	3.14	-	27.70	4.93	36.39			
PK	2.367G	56.97	74.00	-17.03	60.73	3	Horizontal	115	3.14	-	27.70	4.93	36.39			
AV	2.4835G	49.26	54.00	-4.74	53.22	3	Horizontal	115	3.14	-	27.54	5.01	36.51			
PK	2.4835G	56.11	74.00	-17.89	60.07	3	Horizontal	115	3.14	-	27.54	5.01	36.51			
AV	4.924G	33.36	54.00	-20.64	33.53	3	Horizontal	236	1.25	-	31.30	6.81	38.28			
PK	4.924G	44.29	74.00	-29.71	44.46	3	Horizontal	236	1.25	-	31.30	6.81	38.28			
AV	7.386G	42.90	54.00	-11.10	37.54	3	Horizontal	178	3.50	-	36.33	8.27	39.24			
PK	7.386G	52.23	74.00	-21.77	46.87	3	Horizontal	178	3.50	-	36.33	8.27	39.24			

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

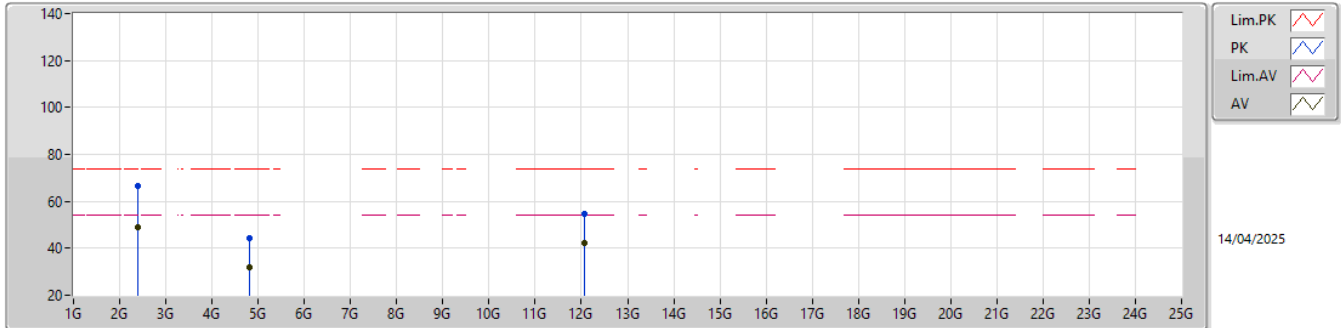
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.367G	50.81	54.00	-3.19	54.57	3	Vertical	150	3.19	-	27.70	4.93	36.39			
PK	2.367G	60.19	74.00	-13.81	63.95	3	Vertical	150	3.19	-	27.70	4.93	36.39			
AV	2.4835G	51.94	54.00	-2.06	55.90	3	Vertical	137	2.82	-	27.54	5.01	36.51			
PK	2.4835G	58.85	74.00	-15.15	62.81	3	Vertical	137	2.82	-	27.54	5.01	36.51			
AV	4.924G	41.34	54.00	-12.66	41.51	3	Vertical	189	2.40	-	31.30	6.81	38.28			
PK	4.924G	47.86	74.00	-26.14	48.03	3	Vertical	189	2.40	-	31.30	6.81	38.28			
AV	7.386G	41.88	54.00	-12.12	36.52	3	Vertical	264	1.00	-	36.33	8.27	39.24			
PK	7.386G	52.96	74.00	-21.04	47.60	3	Vertical	264	1.00	-	36.33	8.27	39.24			

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

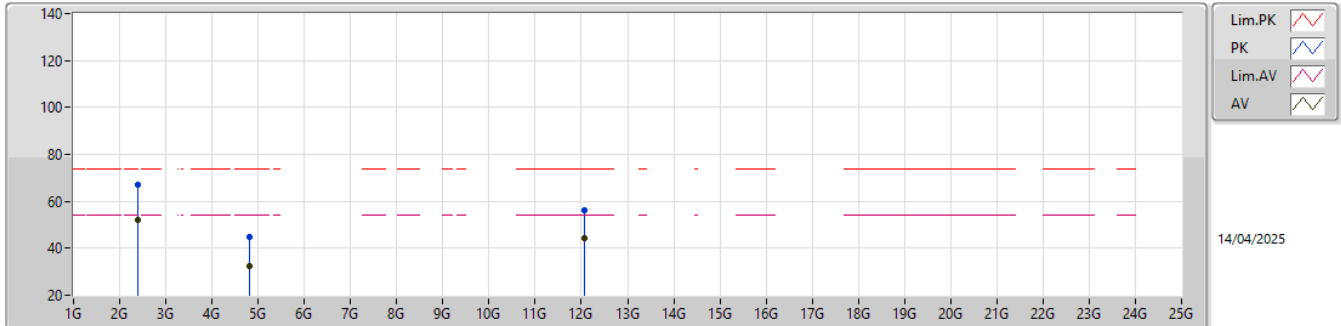
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	49.06	54.00	-4.94	52.93	3	Horizontal	326	3.15	-	27.60	4.95	36.42			
PK	2.39G	66.81	74.00	-7.19	70.68	3	Horizontal	326	3.15	-	27.60	4.95	36.42			
AV	4.824G	32.15	54.00	-21.85	32.41	3	Horizontal	41	1.00	-	31.20	6.75	38.21			
PK	4.824G	44.36	74.00	-29.64	44.62	3	Horizontal	41	1.00	-	31.20	6.75	38.21			
AV	12.06G	42.16	54.00	-11.84	34.86	3	Horizontal	53	1.00	-	38.92	10.56	42.18			
PK	12.06G	54.75	74.00	-19.25	47.45	3	Horizontal	53	1.00	-	38.92	10.56	42.18			

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

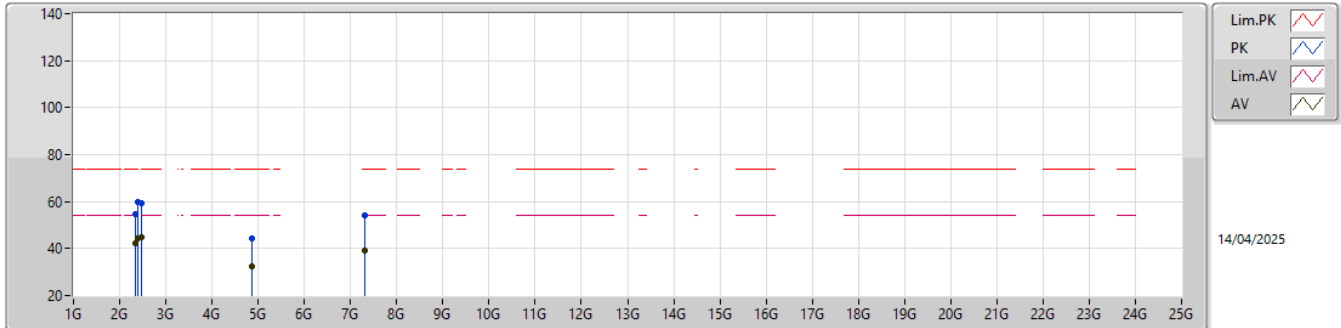
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	52.13	54.00	-1.87	56.00	3	Vertical	357	2.56	-	27.60	4.95	36.42			
PK	2.39G	66.95	74.00	-7.05	70.82	3	Vertical	357	2.56	-	27.60	4.95	36.42			
AV	4.824G	32.55	54.00	-21.45	32.81	3	Vertical	186	2.31	-	31.20	6.75	38.21			
PK	4.824G	44.58	74.00	-29.42	44.84	3	Vertical	186	2.31	-	31.20	6.75	38.21			
AV	12.06G	44.42	54.00	-9.58	37.12	3	Vertical	216	1.00	-	38.92	10.56	42.18			
PK	12.06G	56.35	74.00	-17.65	49.05	3	Vertical	216	1.00	-	38.92	10.56	42.18			

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

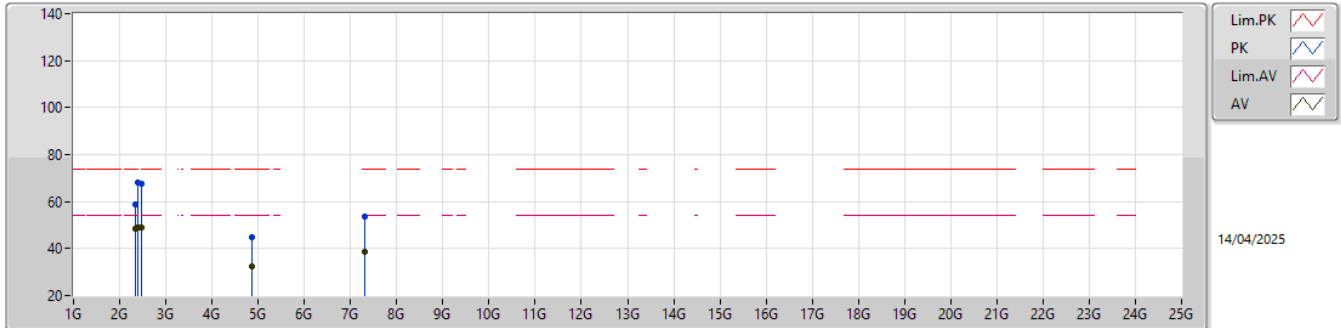
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.342G	42.37	54.00	-11.63	46.03	3	Horizontal	322	3.17	-	27.80	4.91	36.37				
PK	2.342G	54.91	74.00	-19.09	58.57	3	Horizontal	322	3.17	-	27.80	4.91	36.37				
AV	2.39G	44.39	54.00	-9.61	48.26	3	Horizontal	153	3.17	-	27.60	4.95	36.42				
PK	2.39G	60.08	74.00	-13.92	63.95	3	Horizontal	153	3.17	-	27.60	4.95	36.42				
AV	2.4835G	44.69	54.00	-9.31	48.65	3	Horizontal	153	3.17	-	27.54	5.01	36.51				
PK	2.4835G	59.40	74.00	-14.60	63.36	3	Horizontal	153	3.17	-	27.54	5.01	36.51				
AV	4.874G	32.26	54.00	-21.74	32.52	3	Horizontal	45	1.00	-	31.20	6.78	38.24				
PK	4.874G	44.43	74.00	-29.57	44.69	3	Horizontal	45	1.00	-	31.20	6.78	38.24				
AV	7.311G	39.13	54.00	-14.87	33.64	3	Horizontal	179	3.43	-	36.40	8.24	39.15				
PK	7.311G	54.02	74.00	-19.98	48.53	3	Horizontal	179	3.43	-	36.40	8.24	39.15				

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

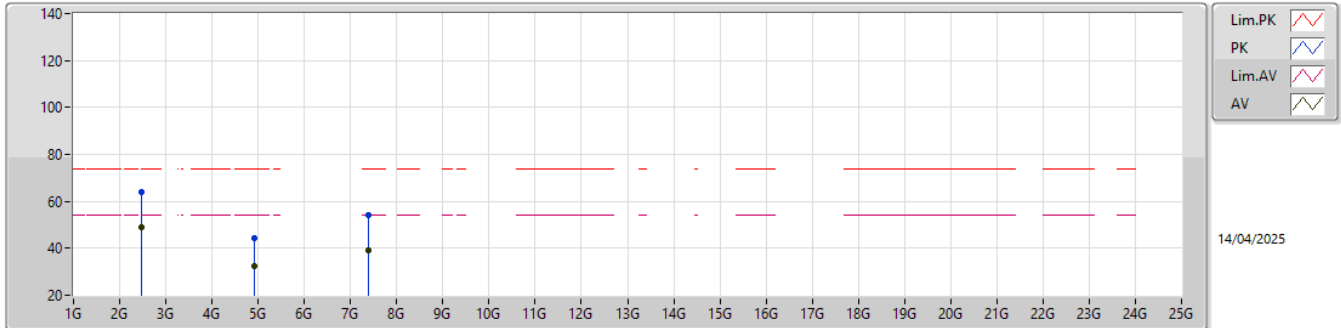
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.342G	48.23	54.00	-5.77	51.89	3	Vertical	357	2.86	-	27.80	4.91	36.37				
PK	2.342G	58.76	74.00	-15.24	62.42	3	Vertical	357	2.86	-	27.80	4.91	36.37				
AV	2.39G	48.92	54.00	-5.08	52.79	3	Vertical	149	2.86	-	27.60	4.95	36.42				
PK	2.39G	68.03	74.00	-5.97	71.90	3	Vertical	149	2.86	-	27.60	4.95	36.42				
AV	2.4835G	48.79	54.00	-5.21	52.75	3	Vertical	152	2.86	-	27.54	5.01	36.51				
PK	2.4835G	67.61	74.00	-6.39	71.57	3	Vertical	152	2.86	-	27.54	5.01	36.51				
AV	4.874G	32.62	54.00	-21.38	32.88	3	Vertical	191	2.35	-	31.20	6.78	38.24				
PK	4.874G	44.63	74.00	-29.37	44.89	3	Vertical	191	2.35	-	31.20	6.78	38.24				
AV	7.311G	38.62	54.00	-15.38	33.13	3	Vertical	125	1.00	-	36.40	8.24	39.15				
PK	7.311G	53.38	74.00	-20.62	47.89	3	Vertical	125	1.00	-	36.40	8.24	39.15				

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

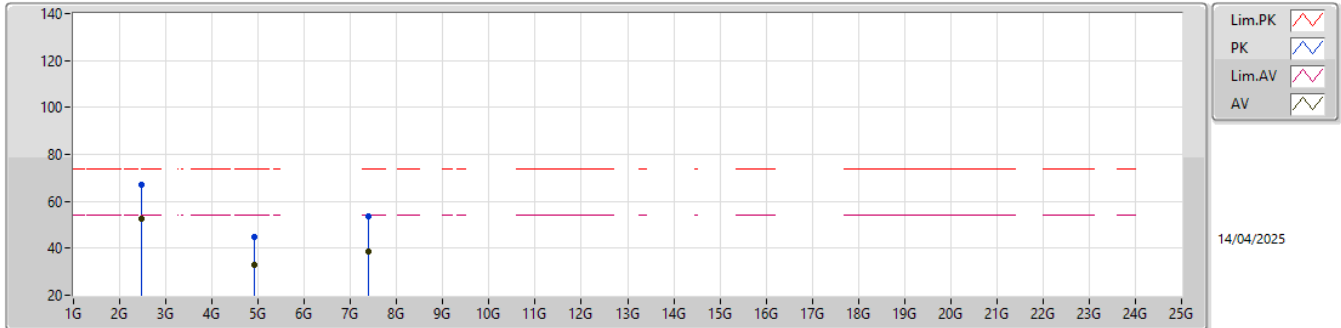
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.4835G	49.16	54.00	-4.84	53.12	3	Horizontal	325	3.11	-	27.54	5.01	36.51			
PK	2.4835G	64.22	74.00	-9.78	68.18	3	Horizontal	325	3.11	-	27.54	5.01	36.51			
AV	4.924G	32.38	54.00	-21.62	32.55	3	Horizontal	33	1.00	-	31.30	6.81	38.28			
PK	4.924G	44.56	74.00	-29.44	44.73	3	Horizontal	33	1.00	-	31.30	6.81	38.28			
AV	7.386G	39.25	54.00	-14.75	33.89	3	Horizontal	184	3.32	-	36.33	8.27	39.24			
PK	7.386G	54.16	74.00	-19.84	48.80	3	Horizontal	184	3.32	-	36.33	8.27	39.24			

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

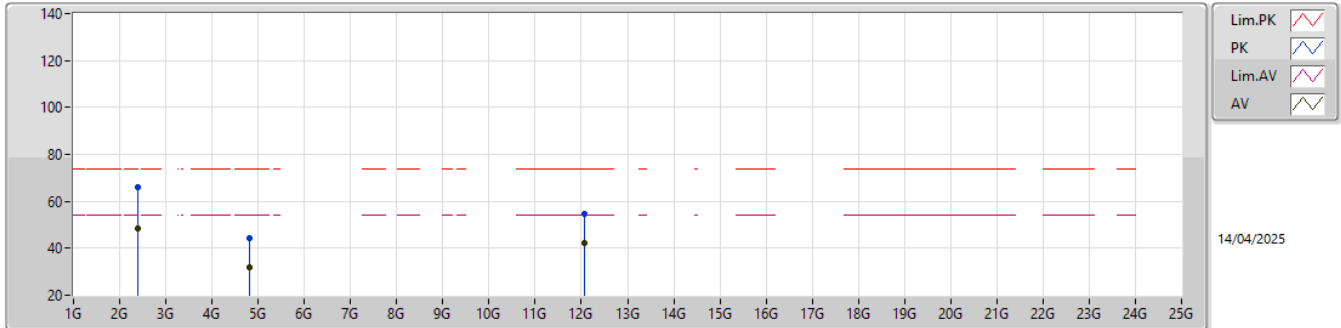
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.4835G	52.48	54.00	-1.52	56.44	3	Vertical	272	2.24	-	27.54	5.01	36.51			
PK	2.4835G	67.15	74.00	-6.85	71.11	3	Vertical	272	2.24	-	27.54	5.01	36.51			
AV	4.924G	32.81	54.00	-21.19	32.98	3	Vertical	196	2.23	-	31.30	6.81	38.28			
PK	4.924G	44.79	74.00	-29.21	44.96	3	Vertical	196	2.23	-	31.30	6.81	38.28			
AV	7.386G	38.76	54.00	-15.24	33.40	3	Vertical	129	1.00	-	36.33	8.27	39.24			
PK	7.386G	53.45	74.00	-20.55	48.09	3	Vertical	129	1.00	-	36.33	8.27	39.24			

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

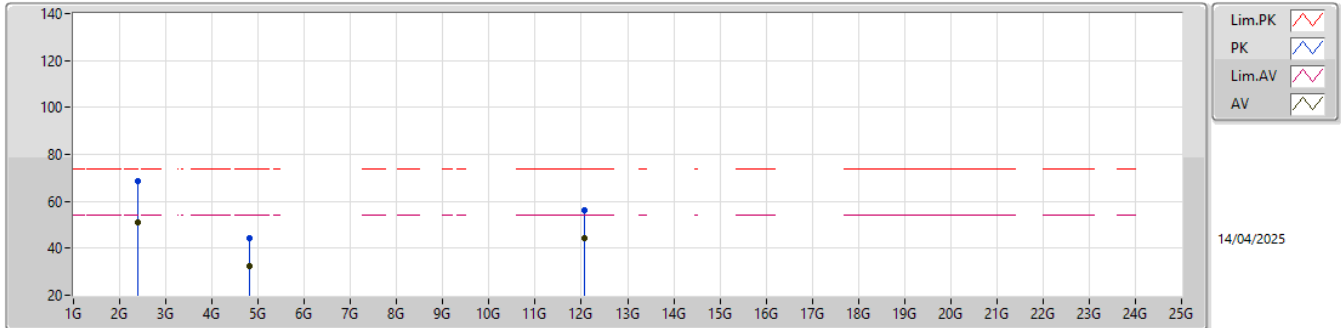
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	48.44	54.00	-5.56	52.31	3	Horizontal	319	3.16	-	27.60	4.95	36.42			
PK	2.39G	66.25	74.00	-7.75	70.12	3	Horizontal	319	3.16	-	27.60	4.95	36.42			
AV	4.824G	32.08	54.00	-21.92	32.34	3	Horizontal	39	1.00	-	31.20	6.75	38.21			
PK	4.824G	44.25	74.00	-29.75	44.51	3	Horizontal	39	1.00	-	31.20	6.75	38.21			
AV	12.06G	42.11	54.00	-11.89	34.81	3	Horizontal	65	1.00	-	38.92	10.56	42.18			
PK	12.06G	54.63	74.00	-19.37	47.33	3	Horizontal	65	1.00	-	38.92	10.56	42.18			

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

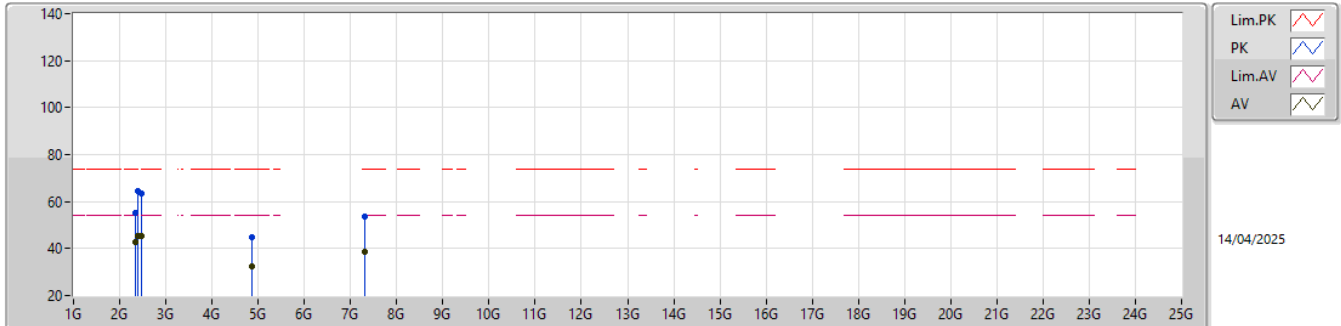
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	50.99	54.00	-3.01	54.86	3	Vertical	316	1.87	-	27.60	4.95	36.42			
PK	2.39G	68.83	74.00	-5.17	72.70	3	Vertical	316	1.87	-	27.60	4.95	36.42			
AV	4.824G	32.46	54.00	-21.54	32.72	3	Vertical	183	2.24	-	31.20	6.75	38.21			
PK	4.824G	44.56	74.00	-29.44	44.82	3	Vertical	183	2.24	-	31.20	6.75	38.21			
AV	12.06G	44.34	54.00	-9.66	37.04	3	Vertical	194	1.00	-	38.92	10.56	42.18			
PK	12.06G	56.28	74.00	-17.72	48.98	3	Vertical	194	1.00	-	38.92	10.56	42.18			

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

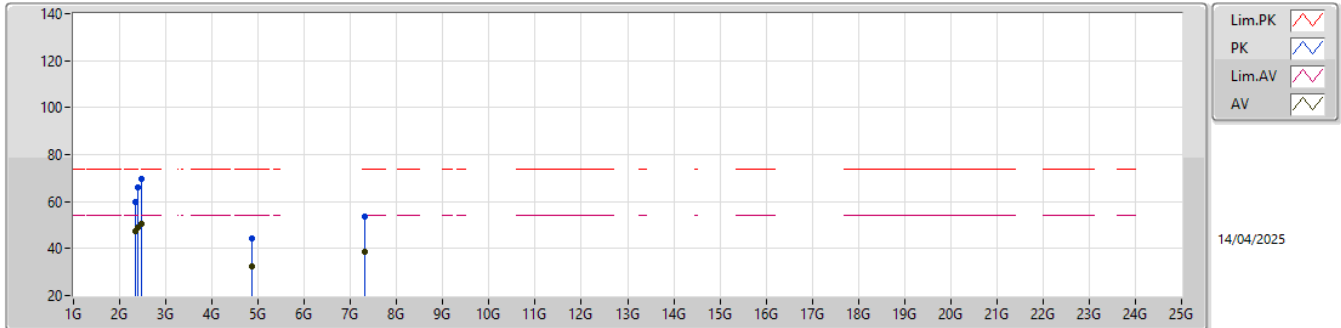
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.342G	42.68	54.00	-11.32	46.34	3	Horizontal	318	3.09	-	27.80	4.91	36.37				
PK	2.342G	55.16	74.00	-18.84	58.82	3	Horizontal	318	3.09	-	27.80	4.91	36.37				
AV	2.39G	45.28	54.00	-8.72	49.15	3	Horizontal	318	3.09	-	27.60	4.95	36.42				
PK	2.39G	64.58	74.00	-9.42	68.45	3	Horizontal	318	3.09	-	27.60	4.95	36.42				
AV	2.4835G	45.11	54.00	-8.89	49.07	3	Horizontal	318	3.09	-	27.54	5.01	36.51				
PK	2.4835G	63.53	74.00	-10.47	67.49	3	Horizontal	318	3.09	-	27.54	5.01	36.51				
AV	4.874G	32.31	54.00	-21.69	32.57	3	Horizontal	26	1.00	-	31.20	6.78	38.24				
PK	4.874G	44.58	74.00	-29.42	44.84	3	Horizontal	26	1.00	-	31.20	6.78	38.24				
AV	7.311G	38.74	54.00	-15.26	33.25	3	Horizontal	181	3.50	-	36.40	8.24	39.15				
PK	7.311G	53.44	74.00	-20.56	47.95	3	Horizontal	181	3.50	-	36.40	8.24	39.15				

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

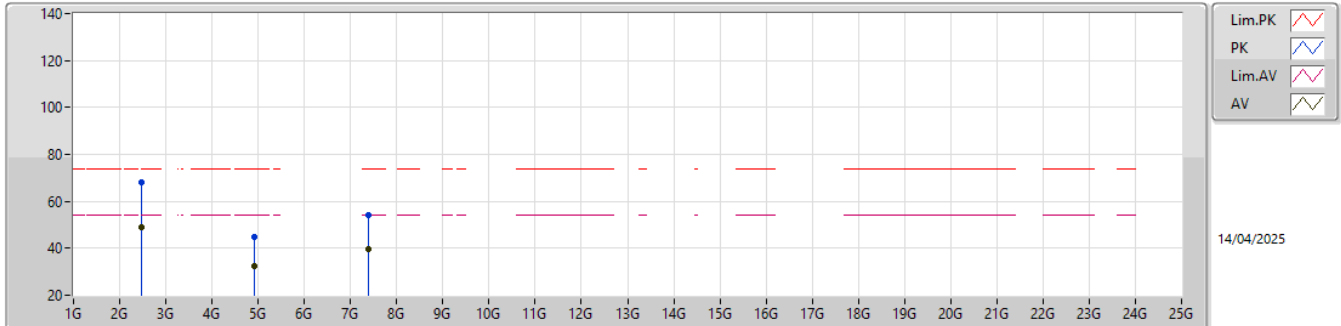
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	2.342G	47.60	54.00	-6.40	51.26	3	Vertical	175	3.06	-	27.80	4.91	36.37				
PK	2.342G	60.00	74.00	-14.00	63.66	3	Vertical	175	3.06	-	27.80	4.91	36.37				
AV	2.39G	48.90	54.00	-5.10	52.77	3	Vertical	157	3.39	-	27.60	4.95	36.42				
PK	2.39G	65.85	74.00	-8.15	69.72	3	Vertical	157	3.39	-	27.60	4.95	36.42				
AV	2.4835G	50.26	54.00	-3.74	54.22	3	Vertical	163	3.39	-	27.54	5.01	36.51				
PK	2.4835G	69.55	74.00	-4.45	73.51	3	Vertical	163	3.39	-	27.54	5.01	36.51				
AV	4.874G	32.40	54.00	-21.60	32.66	3	Vertical	188	2.40	-	31.20	6.78	38.24				
PK	4.874G	44.51	74.00	-29.49	44.77	3	Vertical	188	2.40	-	31.20	6.78	38.24				
AV	7.311G	38.79	54.00	-15.21	33.30	3	Vertical	144	1.00	-	36.40	8.24	39.15				
PK	7.311G	53.46	74.00	-20.54	47.97	3	Vertical	144	1.00	-	36.40	8.24	39.15				

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

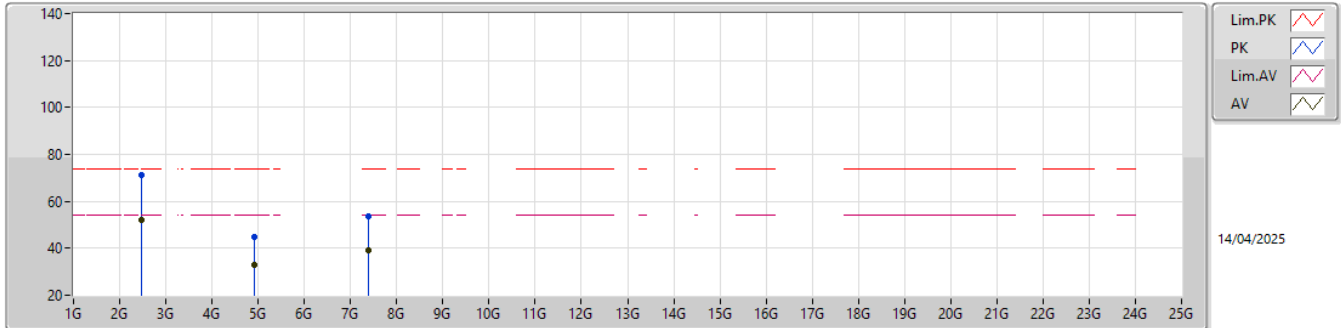
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.4835G	48.95	54.00	-5.05	52.91	3	Horizontal	329	3.14	-	27.54	5.01	36.51			
PK	2.4835G	67.91	74.00	-6.09	71.87	3	Horizontal	329	3.14	-	27.54	5.01	36.51			
AV	4.924G	32.51	54.00	-21.49	32.68	3	Horizontal	25	1.00	-	31.30	6.81	38.28			
PK	4.924G	44.74	74.00	-29.26	44.91	3	Horizontal	25	1.00	-	31.30	6.81	38.28			
AV	7.386G	39.42	54.00	-14.58	34.06	3	Horizontal	165	3.29	-	36.33	8.27	39.24			
PK	7.386G	54.28	74.00	-19.72	48.92	3	Horizontal	165	3.29	-	36.33	8.27	39.24			

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

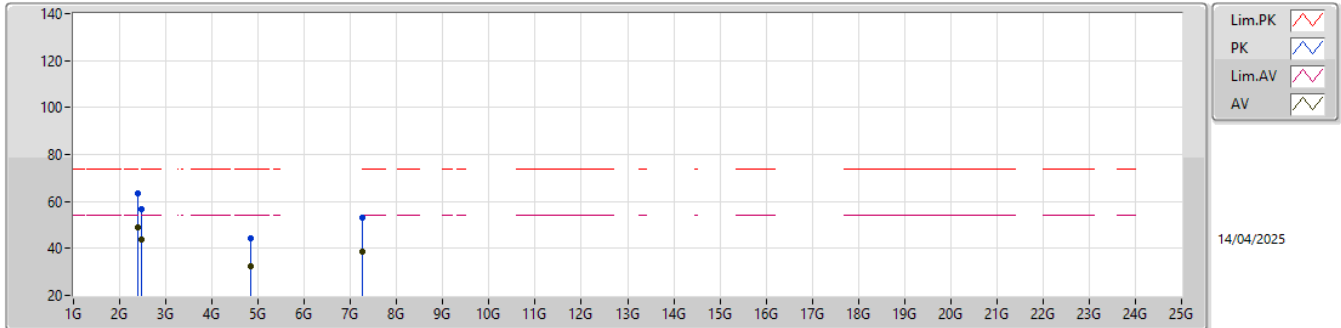
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.4835G	52.02	54.00	-1.98	55.98	3	Vertical	260	3.33	-	27.54	5.01	36.51			
PK	2.4835G	71.10	74.00	-2.90	75.06	3	Vertical	260	3.33	-	27.54	5.01	36.51			
AV	4.924G	32.95	54.00	-21.05	33.12	3	Vertical	185	2.17	-	31.30	6.81	38.28			
PK	4.924G	44.86	74.00	-29.14	45.03	3	Vertical	185	2.17	-	31.30	6.81	38.28			
AV	7.386G	38.91	54.00	-15.09	33.55	3	Vertical	144	1.00	-	36.33	8.27	39.24			
PK	7.386G	53.56	74.00	-20.44	48.20	3	Vertical	144	1.00	-	36.33	8.27	39.24			

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

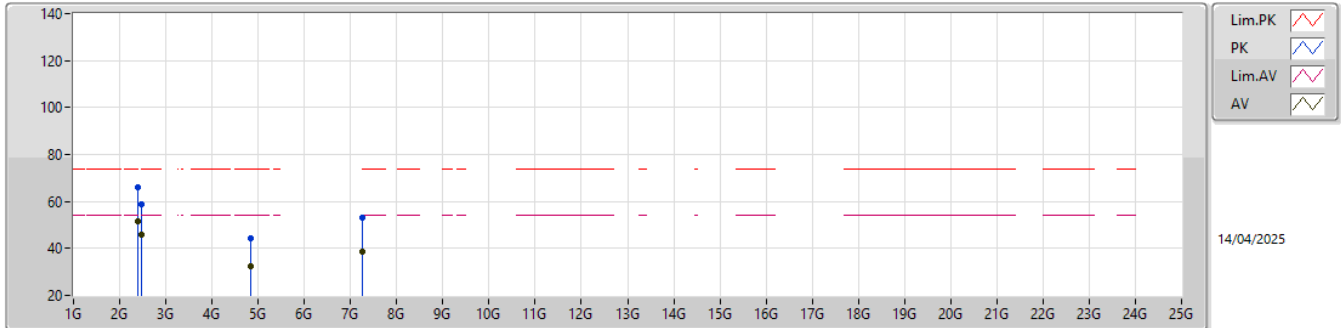
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	48.75	54.00	-5.25	52.62	3	Horizontal	325	3.14	-	27.60	4.95	36.42			
PK	2.39G	63.42	74.00	-10.58	67.29	3	Horizontal	325	3.14	-	27.60	4.95	36.42			
AV	2.4835G	43.74	54.00	-10.26	47.70	3	Horizontal	325	3.14	-	27.54	5.01	36.51			
PK	2.4835G	56.62	74.00	-17.38	60.58	3	Horizontal	325	3.14	-	27.54	5.01	36.51			
AV	4.844G	32.25	54.00	-21.75	32.51	3	Horizontal	31	1.00	-	31.20	6.76	38.22			
PK	4.844G	44.43	74.00	-29.57	44.69	3	Horizontal	31	1.00	-	31.20	6.76	38.22			
AV	7.266G	38.62	54.00	-15.38	33.09	3	Horizontal	169	3.42	-	36.40	8.23	39.10			
PK	7.266G	53.31	74.00	-20.69	47.78	3	Horizontal	169	3.42	-	36.40	8.23	39.10			

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

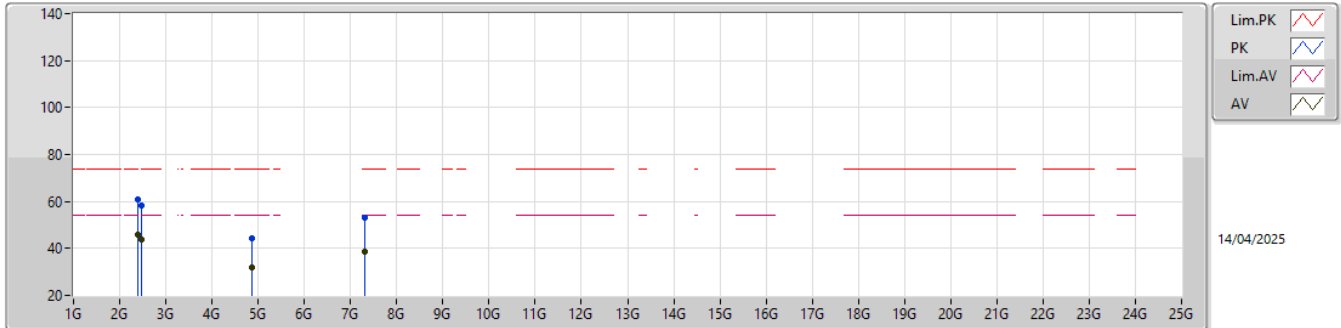
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	51.62	54.00	-2.38	55.49	3	Vertical	157	3.38	-	27.60	4.95	36.42			
PK	2.39G	66.22	74.00	-7.78	70.09	3	Vertical	157	3.38	-	27.60	4.95	36.42			
AV	2.4835G	45.99	54.00	-8.01	49.95	3	Vertical	157	3.38	-	27.54	5.01	36.51			
PK	2.4835G	58.95	74.00	-15.05	62.91	3	Vertical	157	3.38	-	27.54	5.01	36.51			
AV	4.844G	32.21	54.00	-21.79	32.47	3	Vertical	184	2.36	-	31.20	6.76	38.22			
PK	4.844G	44.36	74.00	-29.64	44.62	3	Vertical	184	2.36	-	31.20	6.76	38.22			
AV	7.266G	38.46	54.00	-15.54	32.93	3	Vertical	95	1.00	-	36.40	8.23	39.10			
PK	7.266G	53.29	74.00	-20.71	47.76	3	Vertical	95	1.00	-	36.40	8.23	39.10			

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

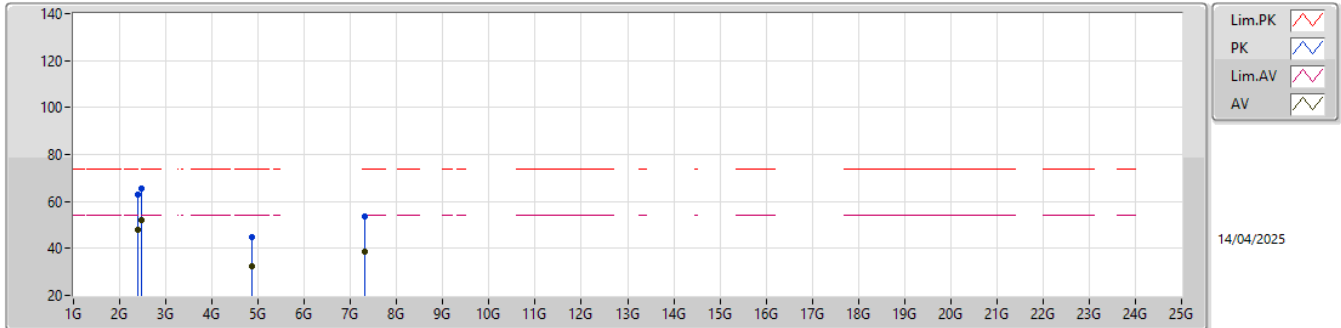
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	45.84	54.00	-8.16	49.71	3	Horizontal	315	3.04	-	27.60	4.95	36.42			
PK	2.39G	60.65	74.00	-13.35	64.52	3	Horizontal	315	3.04	-	27.60	4.95	36.42			
AV	2.4835G	43.75	54.00	-10.25	47.71	3	Horizontal	315	3.04	-	27.54	5.01	36.51			
PK	2.4835G	58.42	74.00	-15.58	62.38	3	Horizontal	315	3.04	-	27.54	5.01	36.51			
AV	4.874G	32.12	54.00	-21.88	32.38	3	Horizontal	44	1.00	-	31.20	6.78	38.24			
PK	4.874G	44.35	74.00	-29.65	44.61	3	Horizontal	44	1.00	-	31.20	6.78	38.24			
AV	7.311G	38.56	54.00	-15.44	33.07	3	Horizontal	172	3.34	-	36.40	8.24	39.15			
PK	7.311G	53.25	74.00	-20.75	47.76	3	Horizontal	172	3.34	-	36.40	8.24	39.15			

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

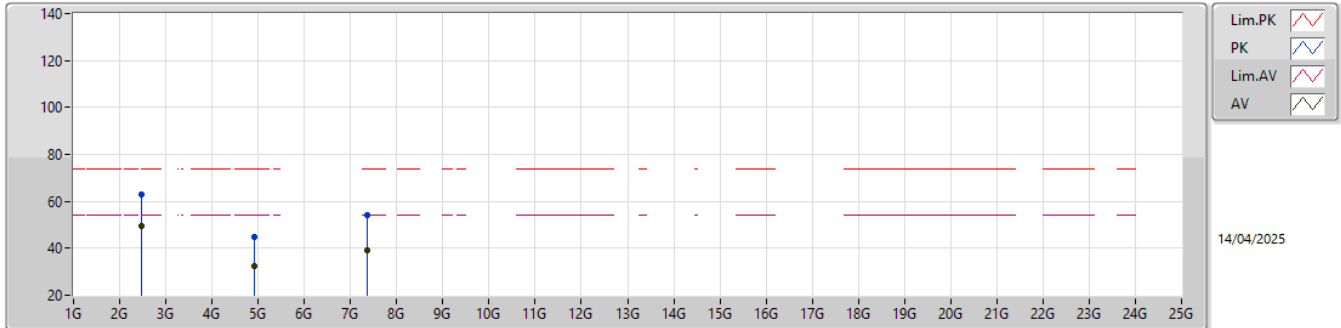
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.39G	47.92	54.00	-6.08	51.79	3	Vertical	150	3.29	-	27.60	4.95	36.42			
PK	2.39G	62.79	74.00	-11.21	66.66	3	Vertical	150	3.29	-	27.60	4.95	36.42			
AV	2.4835G	51.99	54.00	-2.01	55.95	3	Vertical	264	2.66	-	27.54	5.01	36.51			
PK	2.4835G	65.60	74.00	-8.40	69.56	3	Vertical	264	2.66	-	27.54	5.01	36.51			
AV	4.874G	32.45	54.00	-21.55	32.71	3	Vertical	164	2.26	-	31.20	6.78	38.24			
PK	4.874G	44.62	74.00	-29.38	44.88	3	Vertical	164	2.26	-	31.20	6.78	38.24			
AV	7.311G	38.76	54.00	-15.24	33.27	3	Vertical	123	1.00	-	36.40	8.24	39.15			
PK	7.311G	53.54	74.00	-20.46	48.05	3	Vertical	123	1.00	-	36.40	8.24	39.15			

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

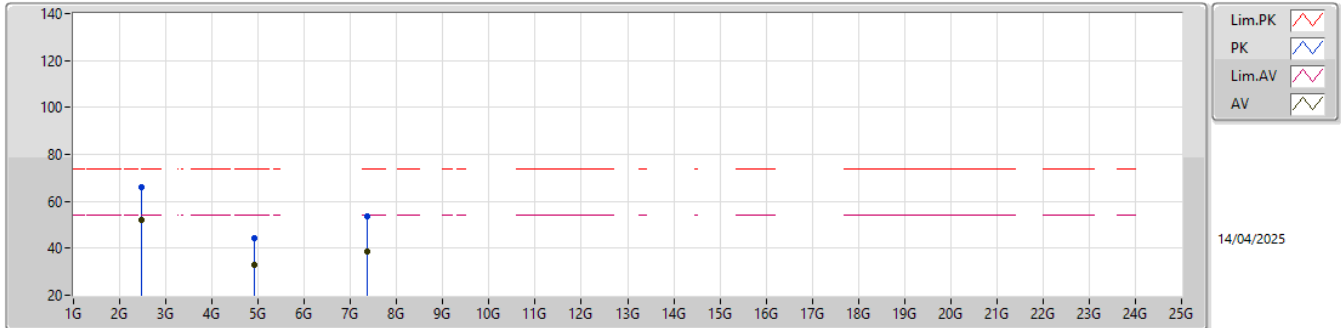
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.4835G	49.24	54.00	-4.76	53.20	3	Horizontal	334	3.16	-	27.54	5.01	36.51			
PK	2.4835G	63.12	74.00	-10.88	67.08	3	Horizontal	334	3.16	-	27.54	5.01	36.51			
AV	4.904G	32.45	54.00	-21.55	32.69	3	Horizontal	36	1.00	-	31.22	6.80	38.26			
PK	4.904G	44.69	74.00	-29.31	44.93	3	Horizontal	36	1.00	-	31.22	6.80	38.26			
AV	7.356G	39.35	54.00	-14.65	33.91	3	Horizontal	158	3.14	-	36.39	8.26	39.21			
PK	7.356G	54.22	74.00	-19.78	48.78	3	Horizontal	158	3.14	-	36.39	8.26	39.21			

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

2452MHz_TX



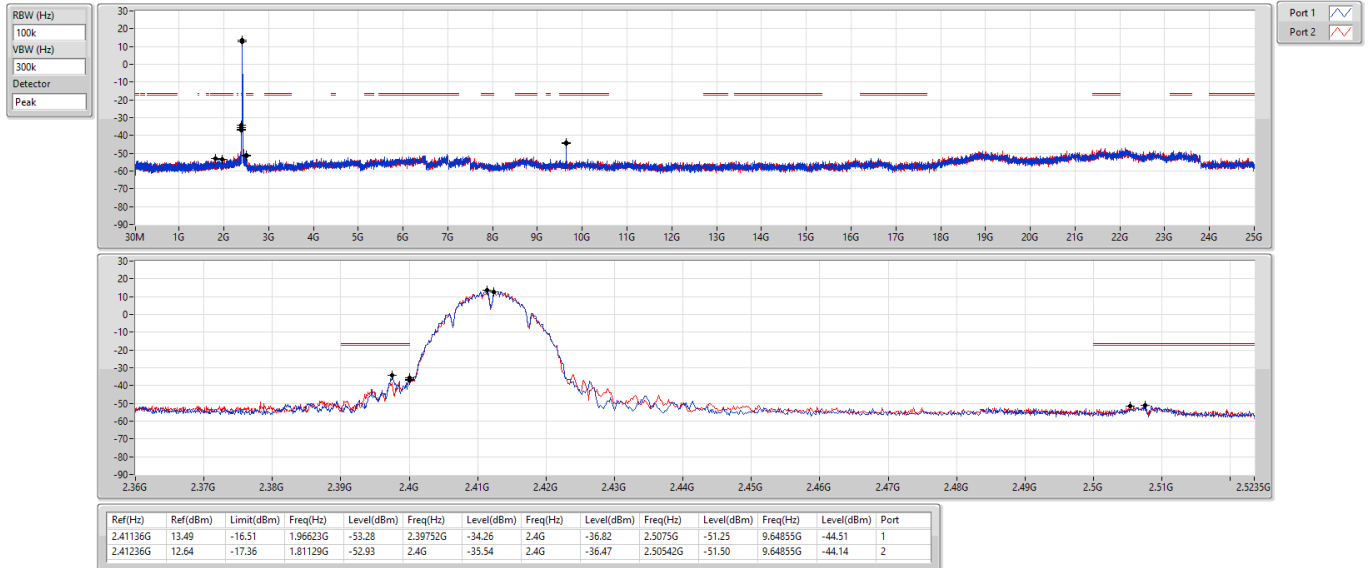
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.4835G	52.11	54.00	-1.89	56.07	3	Vertical	166	3.46	-	27.54	5.01	36.51			
PK	2.4835G	66.09	74.00	-7.91	70.05	3	Vertical	166	3.46	-	27.54	5.01	36.51			
AV	4.904G	32.68	54.00	-21.32	32.92	3	Vertical	163	2.12	-	31.22	6.80	38.26			
PK	4.904G	44.55	74.00	-29.45	44.79	3	Vertical	163	2.12	-	31.22	6.80	38.26			
AV	7.356G	38.56	54.00	-15.44	33.12	3	Vertical	125	1.00	-	36.39	8.26	39.21			
PK	7.356G	53.49	74.00	-20.51	48.05	3	Vertical	125	1.00	-	36.39	8.26	39.21			



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

CSendB

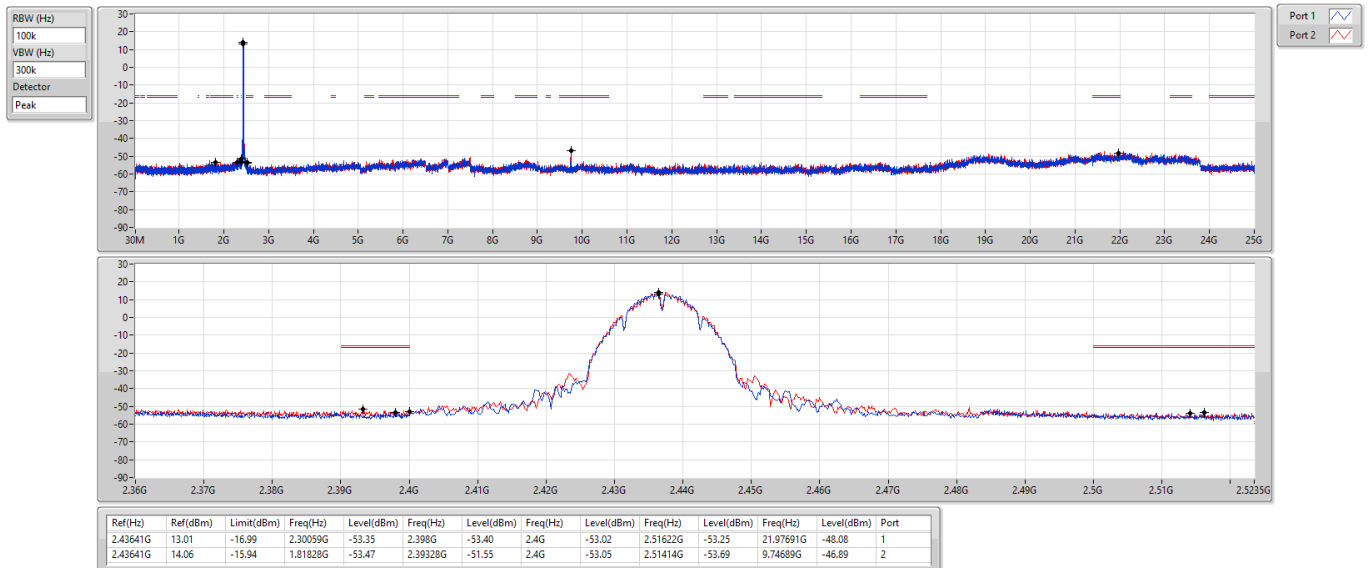
2412MHz



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

CSendB

2437MHz

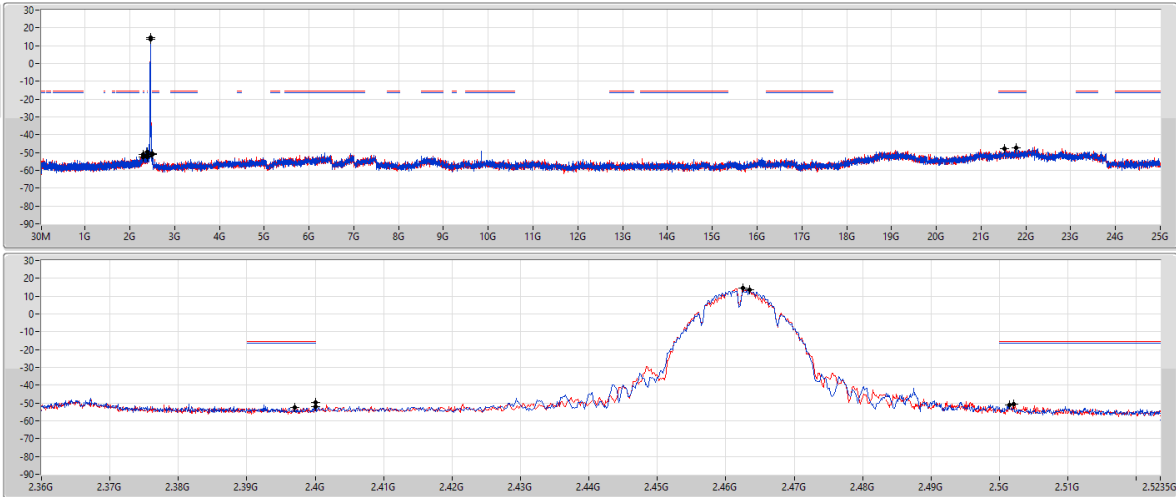


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2462MHz

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



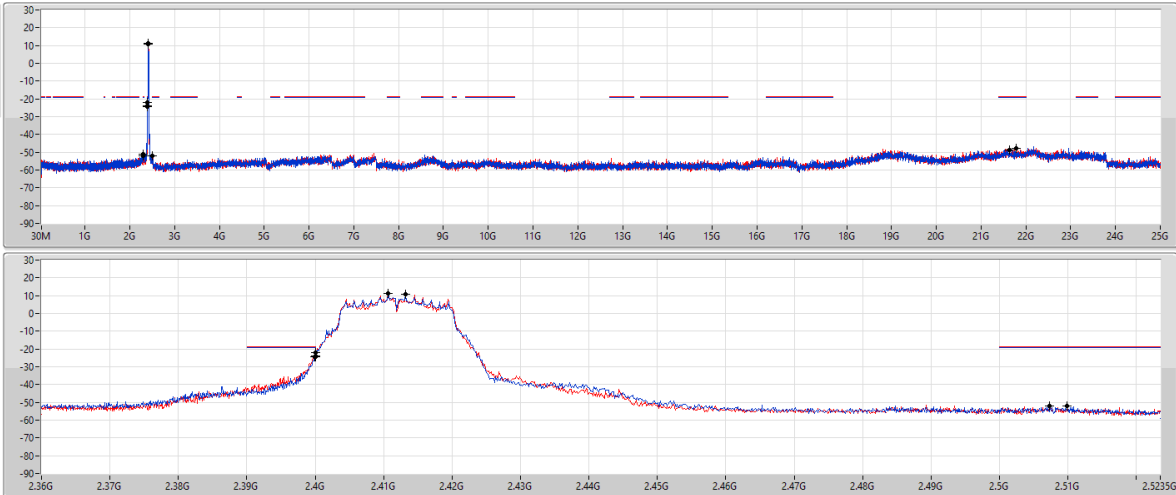
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2.46346G	13.48	-16.52	2.30525G	-52.33	2.4G	-49.91	2.4G	-49.92	2.5015G	-50.97	21.53019G	-48.00	1
2.46246G	14.36	-15.64	2.30525G	-51.27	2.39699G	-52.43	2.4G	-51.93	2.50206G	-50.59	21.77462G	-47.22	2

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

CSEndB

2412MHz

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



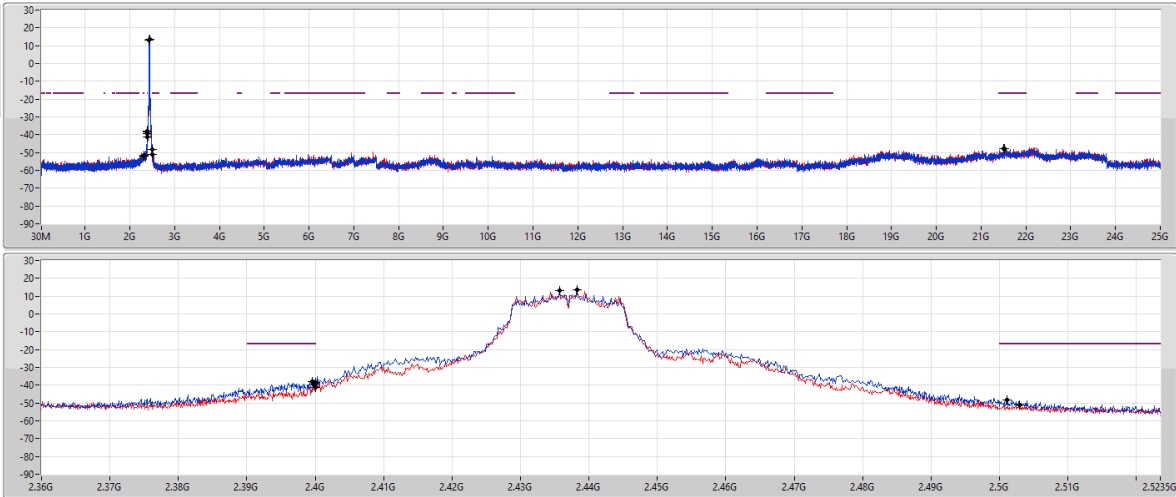
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2.41319G	10.80	-19.20	2.30292G	-51.16	2.4G	-24.60	2.4G	-23.88	2.50734G	-51.89	21.62853G	-48.60	1
2.41069G	11.08	-18.92	2.30758G	-51.89	2.39992G	-24.40	2.4G	-22.06	2.5099G	-52.16	21.79148G	-47.64	2

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

CSEndB

2437MHz

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



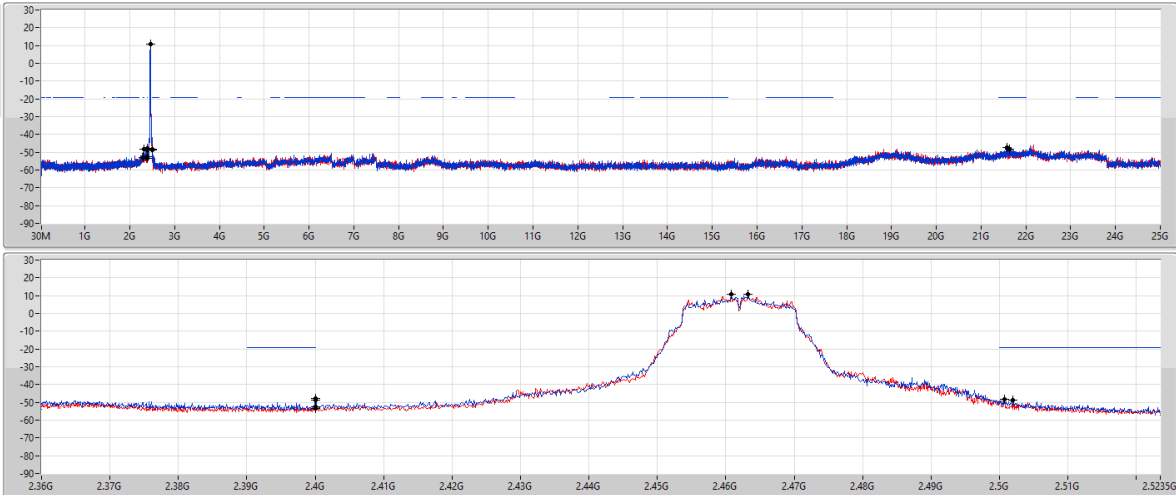
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2.43824G	13.38	-16.62	2.30874G	-52.11	2.39952G	-37.97	2.4G	-38.44	2.5011G	-48.09	21.50771G	-47.93	1
2.43574G	13.27	-16.73	2.30991G	-51.77	2.39984G	-39.25	2.4G	-41.08	2.50294G	-50.99	21.51614G	-47.63	2

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

CSEndB

2462MHz

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



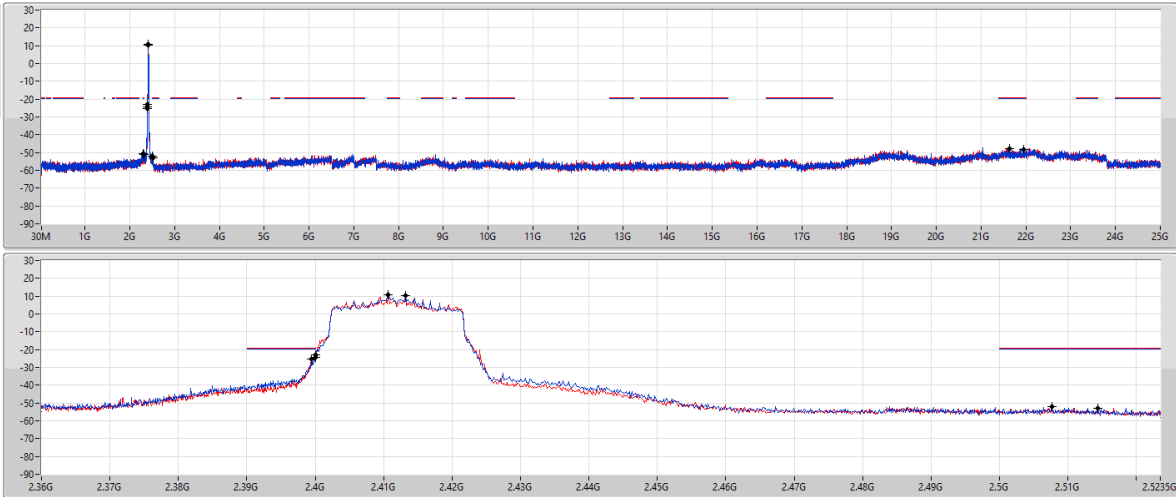
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2.46079G	10.76	-19.24	2.30874G	-48.35	2.4G	-48.66	2.4G	-47.86	2.50198G	-48.76	21.58638G	-47.55	1
2.46329G	10.94	-19.06	2.30525G	-53.14	2.4G	-52.36	2.4G	-53.48	2.50078G	-48.35	21.64257G	-48.22	2

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

CSEndB

2412MHz

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



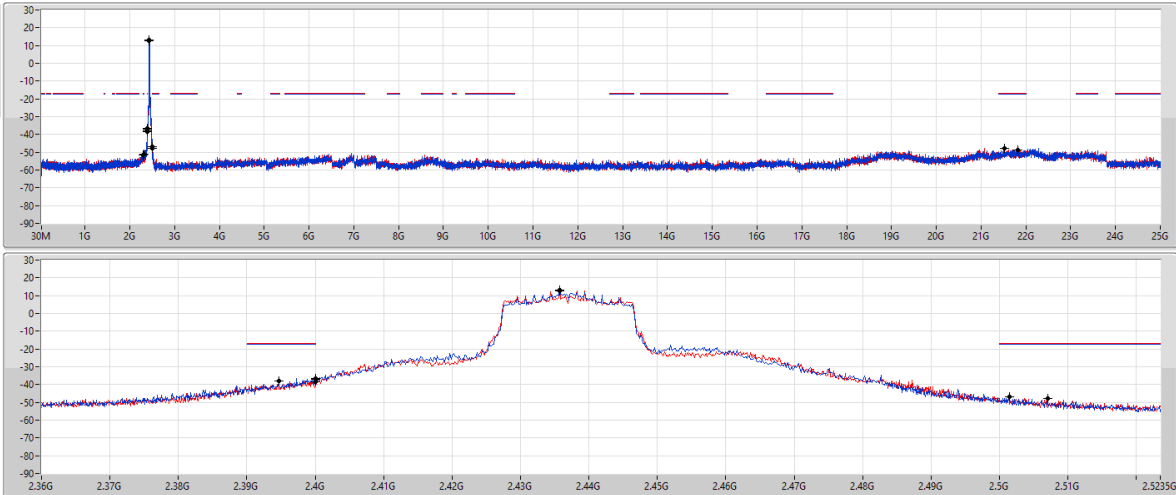
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41319G	10.19	-19.81	2.30059G	-50.69	2.4G	-24.36	2.4G	-23.05	2.50766G	-51.89	21.62853G	-47.59	1
2.41069G	10.79	-19.21	2.30991G	-50.91	2.39944G	-25.54	2.4G	-24.18	2.51438G	-52.79	21.94601G	-48.23	2

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

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
2.43574G	12.74	-17.26	2.30991G	-50.86	2.4G	-36.59	2.4G	-36.91	2.50142G	-46.69	21.82519G	-48.73	1
2.43574G	13.13	-16.87	2.30059G	-51.56	2.39464G	-37.75	2.4G	-38.39	2.50702G	-47.98	21.52457G	-48.02	2

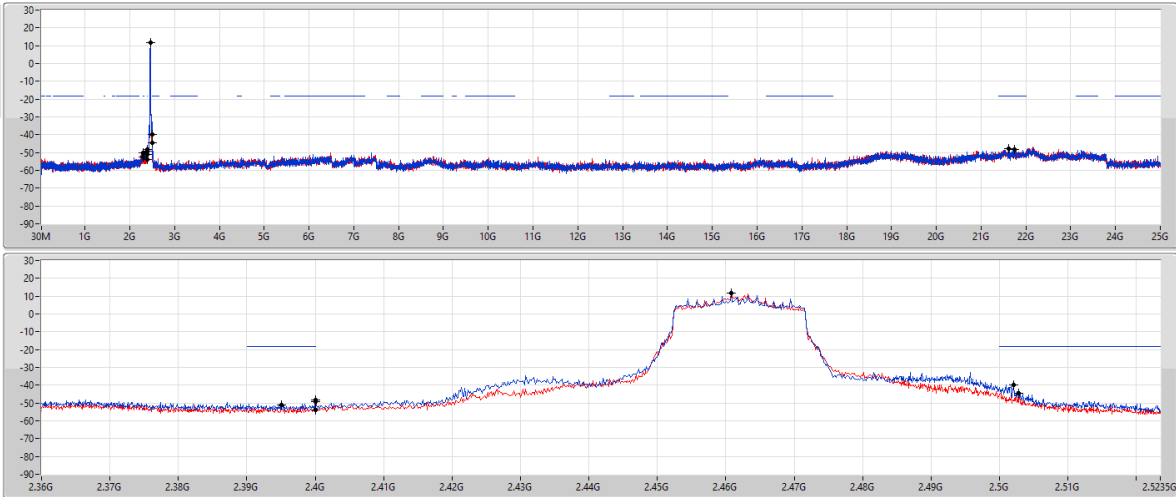


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSEndB

2462MHz

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



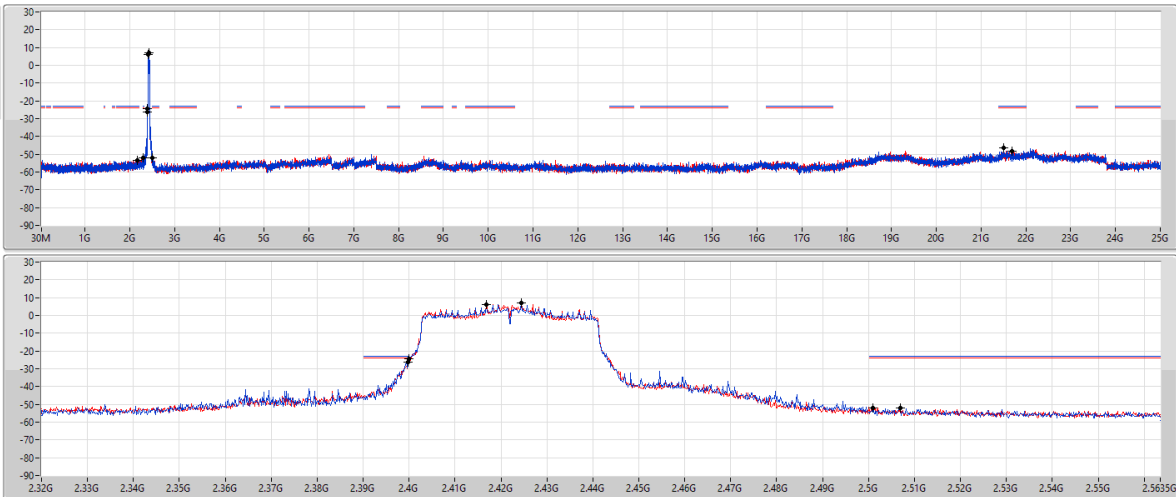
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46079G	11.73	-18.27	2.30175G	-50.38	2.4G	-48.22	2.4G	-49.00	2.50206G	-39.67	21.75215G	-48.29	1
2.46079G	11.63	-18.37	2.30525G	-52.43	2.39504G	-51.06	2.4G	-53.74	2.50278G	-44.35	21.61729G	-47.91	2

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

CSEndB

2422MHz

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



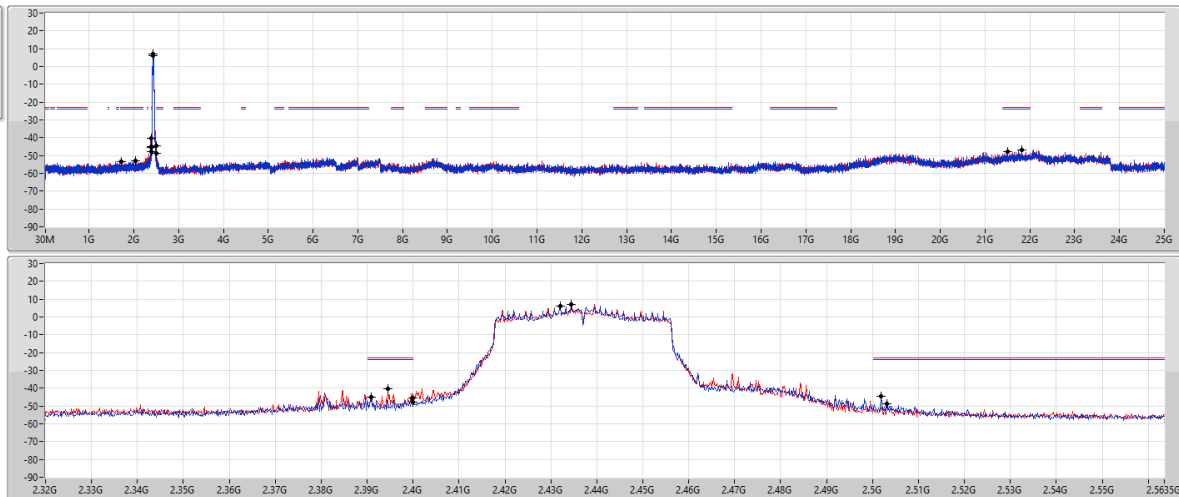
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42438G	6.84	-23.16	2.17001G	-53.29	2.4G	-24.49	2.4G	-24.60	2.50094G	-51.86	21.51112G	-46.62	1
2.41687G	6.30	-23.70	2.30741G	-51.95	2.39984G	-26.18	2.4G	-24.42	2.50702G	-52.02	21.69062G	-48.28	2

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

CSEndB

2437MHz

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



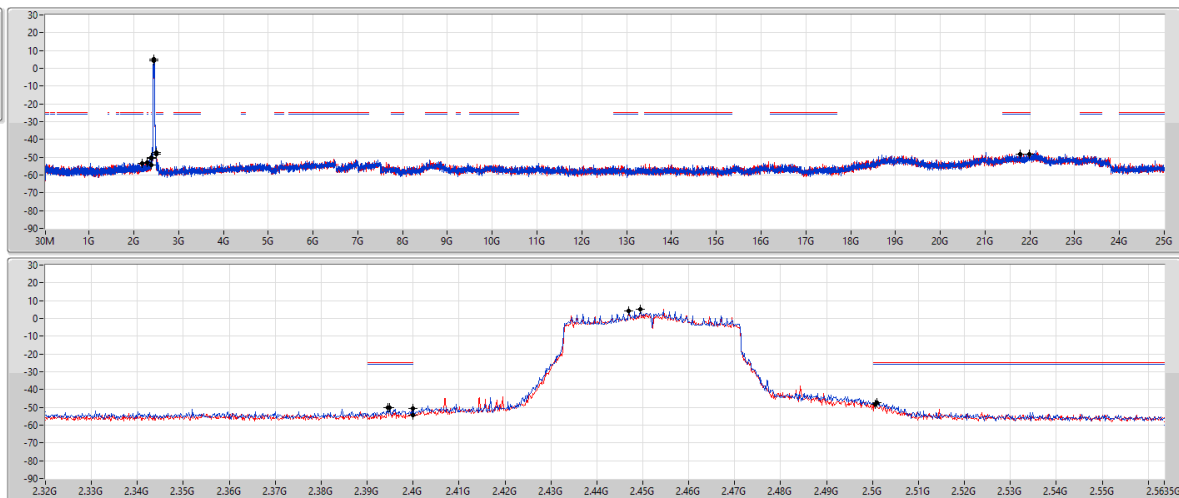
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43206G	5.94	-24.06	2.03948G	-53.14	2.39088G	-44.92	2.4G	-47.72	2.5019G	-44.47	21.82804G	-47.03	1
2.4344G	7.01	-22.99	1.7246G	-53.67	2.39456G	-40.35	2.4G	-45.48	2.50318G	-48.69	21.50271G	-47.97	2

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

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
2.44693G	4.33	-25.67	2.30054G	-52.89	2.39488G	-50.31	2.4G	-50.55	2.50094G	-47.34	21.78317G	-48.33	1
2.44943G	5.35	-24.65	2.18146G	-53.54	2.39456G	-50.20	2.4G	-54.37	2.50062G	-48.37	21.9907G	-48.36	2

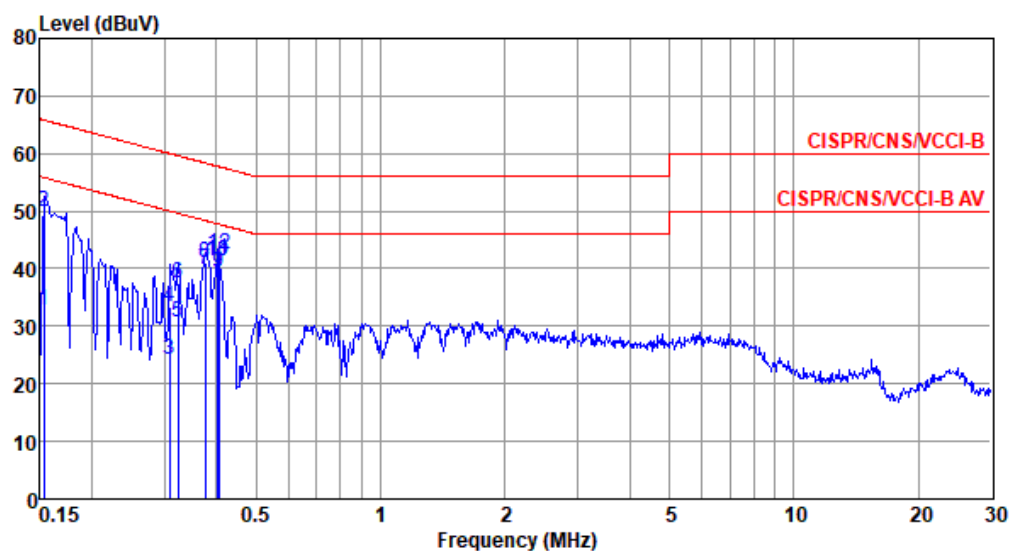
Adapter Mode

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

Test by : Akun Chung

Temperature: 25°C

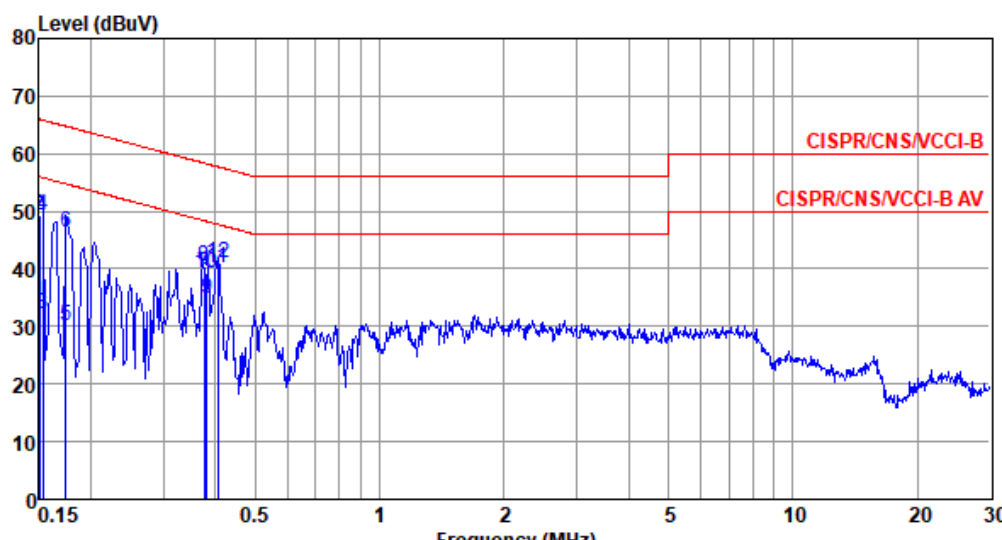
Humidity: 62%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.153	32.74	55.82	-23.08	22.34	0.07	0.08	10.25	Average
2	0.153	49.90	65.82	-15.92	39.50	0.07	0.08	10.25	QP
3	0.308	24.22	50.02	-25.80	13.74	0.07	0.09	10.32	Average
4	0.308	33.44	60.02	-26.58	22.96	0.07	0.09	10.32	QP
5	0.323	30.64	49.62	-18.98	20.16	0.07	0.09	10.32	Average
6	0.323	37.62	59.62	-22.00	27.14	0.07	0.09	10.32	QP
7	0.377	39.96	48.34	-8.38	29.47	0.07	0.09	10.33	Average
8	0.377	40.92	58.34	-17.42	30.43	0.07	0.09	10.33	QP
9	0.404	39.26	47.77	-8.51	28.77	0.07	0.09	10.33	Average
10	0.404	41.33	57.77	-16.44	30.84	0.07	0.09	10.33	QP
11*	0.406	41.55	47.73	-6.18	31.06	0.07	0.09	10.33	Average
12	0.406	42.52	57.73	-15.21	32.03	0.07	0.09	10.33	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 : Akun Chung Temperature: 25°C Humidity: 62%																																																																																																																																																									
<div></div> <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Cable</th><th>Aux</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV</th><th>Line</th><th>Limit</th><th>Level</th><th>dB</th><th>loss</th><th>dB</th><th></th></tr><tr><th></th><th></th><th></th><th>dBuV</th><th>dB</th><th>dBuV</th><th></th><th>dB</th><th></th><th></th></tr><tr><td>1</td><td>0.150</td><td>34.23</td><td>56.00</td><td>-21.77</td><td>23.92</td><td>0.06</td><td>0.08</td><td>10.17</td><td>Average</td></tr><tr><td>2</td><td>0.150</td><td>49.34</td><td>66.00</td><td>-16.66</td><td>39.03</td><td>0.06</td><td>0.08</td><td>10.17</td><td>QP</td></tr><tr><td>3</td><td>0.153</td><td>32.25</td><td>55.82</td><td>-23.57</td><td>21.94</td><td>0.06</td><td>0.08</td><td>10.17</td><td>Average</td></tr><tr><td>4</td><td>0.153</td><td>49.38</td><td>65.82</td><td>-16.44</td><td>39.07</td><td>0.06</td><td>0.08</td><td>10.17</td><td>QP</td></tr><tr><td>5</td><td>0.174</td><td>30.15</td><td>54.77</td><td>-24.62</td><td>19.82</td><td>0.06</td><td>0.08</td><td>10.19</td><td>Average</td></tr><tr><td>6</td><td>0.174</td><td>46.48</td><td>64.77</td><td>-18.29</td><td>36.15</td><td>0.06</td><td>0.08</td><td>10.19</td><td>QP</td></tr><tr><td>7</td><td>0.377</td><td>39.14</td><td>48.34</td><td>-9.20</td><td>28.74</td><td>0.06</td><td>0.09</td><td>10.25</td><td>Average</td></tr><tr><td>8</td><td>0.377</td><td>40.31</td><td>58.34</td><td>-18.03</td><td>29.91</td><td>0.06</td><td>0.09</td><td>10.25</td><td>QP</td></tr><tr><td>9</td><td>0.381</td><td>34.92</td><td>48.25</td><td>-13.33</td><td>24.52</td><td>0.06</td><td>0.09</td><td>10.25</td><td>Average</td></tr><tr><td>10</td><td>0.381</td><td>39.33</td><td>58.25</td><td>-18.92</td><td>28.93</td><td>0.06</td><td>0.09</td><td>10.25</td><td>QP</td></tr><tr><td>11*</td><td>0.406</td><td>40.12</td><td>47.73</td><td>-7.61</td><td>29.72</td><td>0.06</td><td>0.09</td><td>10.25</td><td>Average</td></tr><tr><td>12</td><td>0.406</td><td>41.02</td><td>57.73</td><td>-16.71</td><td>30.62</td><td>0.06</td><td>0.09</td><td>10.25</td><td>QP</td></tr></table>					Freq	Level	Limit	Over	Read	Factor	Cable	Aux	Remark		MHz	dBuV	Line	Limit	Level	dB	loss	dB					dBuV	dB	dBuV		dB			1	0.150	34.23	56.00	-21.77	23.92	0.06	0.08	10.17	Average	2	0.150	49.34	66.00	-16.66	39.03	0.06	0.08	10.17	QP	3	0.153	32.25	55.82	-23.57	21.94	0.06	0.08	10.17	Average	4	0.153	49.38	65.82	-16.44	39.07	0.06	0.08	10.17	QP	5	0.174	30.15	54.77	-24.62	19.82	0.06	0.08	10.19	Average	6	0.174	46.48	64.77	-18.29	36.15	0.06	0.08	10.19	QP	7	0.377	39.14	48.34	-9.20	28.74	0.06	0.09	10.25	Average	8	0.377	40.31	58.34	-18.03	29.91	0.06	0.09	10.25	QP	9	0.381	34.92	48.25	-13.33	24.52	0.06	0.09	10.25	Average	10	0.381	39.33	58.25	-18.92	28.93	0.06	0.09	10.25	QP	11*	0.406	40.12	47.73	-7.61	29.72	0.06	0.09	10.25	Average	12	0.406	41.02	57.73	-16.71	30.62	0.06	0.09	10.25	QP
	Freq	Level	Limit	Over	Read	Factor	Cable	Aux	Remark																																																																																																																																																
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Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB). 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).																																																																																																																																																									



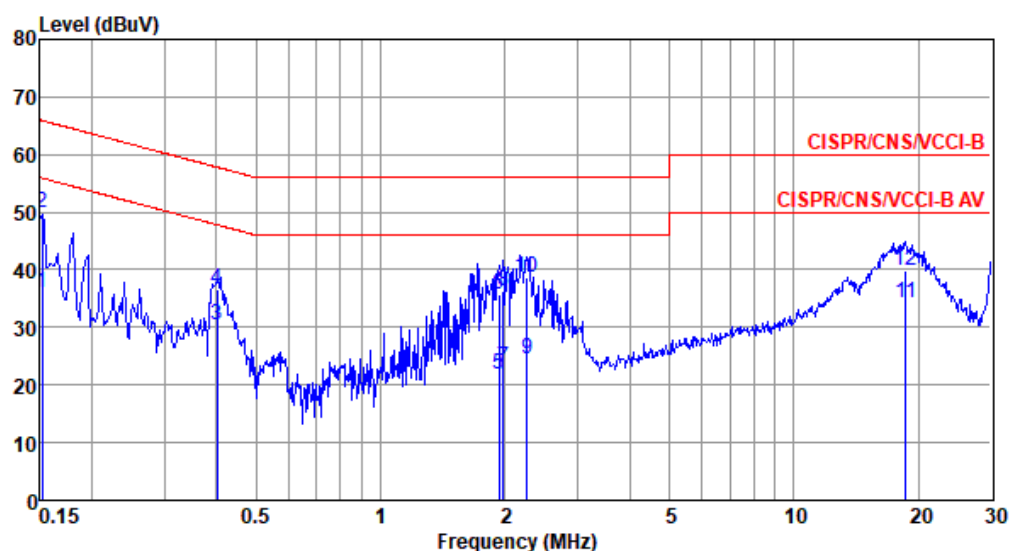
POE Mode

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

Test by : Akun Chung

Temperature: 25°C

Humidity: 62%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.152	36.03	55.91	-19.88	25.63	0.07	0.08	10.25	Average
2	0.152	49.89	65.91	-16.02	39.49	0.07	0.08	10.25	QP
3	0.402	30.46	47.81	-17.35	19.97	0.07	0.09	10.33	Average
4	0.402	36.66	57.81	-21.15	26.17	0.07	0.09	10.33	QP
5	1.939	21.92	46.00	-24.08	11.34	0.09	0.17	10.32	Average
6	1.939	35.73	56.00	-20.27	25.15	0.09	0.17	10.32	QP
7	1.980	23.00	46.00	-23.00	12.42	0.09	0.17	10.32	Average
8	1.980	36.21	56.00	-19.79	25.63	0.09	0.17	10.32	QP
9	2.261	24.42	46.00	-21.58	13.82	0.10	0.18	10.32	Average
10	2.261	38.53	56.00	-17.47	27.93	0.10	0.18	10.32	QP
11*	18.622	34.30	50.00	-15.70	23.05	0.24	0.54	10.47	Average
12	18.622	39.82	60.00	-20.18	28.57	0.24	0.54	10.47	QP

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

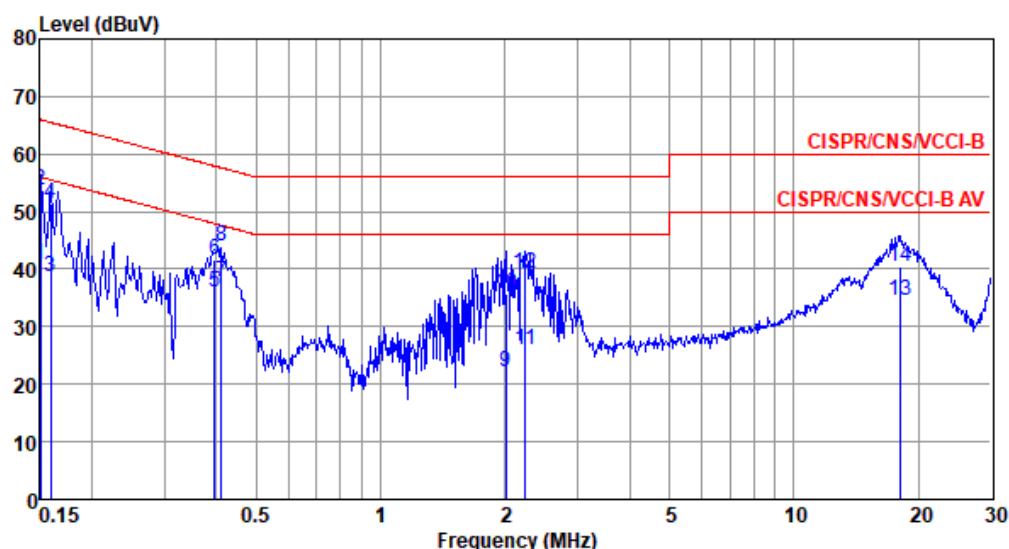
2: Over Limit (dB) = Level (dBUV) - Limit Line (dBUV).

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

Test by : Akun Chung

Temperature: 25°C

Humidity: 62%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.150	40.76	56.00	-15.24	30.45	0.06	0.08	10.17	Average
2	0.150	53.84	66.00	-12.16	43.53	0.06	0.08	10.17	QP
3	0.159	38.72	55.52	-16.80	28.40	0.06	0.08	10.18	Average
4	0.159	51.46	65.52	-14.06	41.14	0.06	0.08	10.18	QP
5	0.396	36.14	47.95	-11.81	25.74	0.06	0.09	10.25	Average
6	0.396	41.67	57.95	-16.28	31.27	0.06	0.09	10.25	QP
7*	0.412	37.80	47.61	-9.81	27.40	0.06	0.09	10.25	Average
8	0.412	43.93	57.61	-13.68	33.53	0.06	0.09	10.25	QP
9	2.012	22.25	46.00	-23.75	11.71	0.09	0.17	10.28	Average
10	2.012	35.78	56.00	-20.22	25.24	0.09	0.17	10.28	QP
11	2.237	25.89	46.00	-20.11	15.34	0.09	0.18	10.28	Average
12	2.237	39.25	56.00	-16.75	28.70	0.09	0.18	10.28	QP
13	18.135	34.66	50.00	-15.34	23.47	0.20	0.53	10.46	Average
14	18.135	40.30	60.00	-19.70	29.11	0.20	0.53	10.46	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).