FCC Test Report

FCC ID	:	**SQG-SONAIF513**
Equipment	:	**Sona IF513 802.11ax Wi-Fi 6E Module with Bluetooth 5.4**
Model No.	:	**Sona IF513**
Brand Name	:	**Ezurio**
Applicant	:	**Ezurio LLC**
Address	:	**W66N220 Commerce Court, Cedarburg, WI 53012 United States Of America**
Standard	:	**47 CFR FCC Part 15.247**
Received Date	:	**Jun. 06, 2024**
Tested Date	:	**Oct. 04 ~ Oct. 25, 2024**

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

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

Table of Contents

Release Record

Report No.	Version	Description	Issued Date
FR460601-1AC	Rev. 01	Initial issue	Nov. 25, 2024
FR460601-1AC	Rev. 02	Modified antenna gain	Dec. 17, 2024
FR460601-1AC	Rev. 03	1. Modified antenna gain 2. Modified Appendix	Dec. 24, 2024

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emission	[dBuV]: 0.162MHz 45.76 (Margin -19.58dB) - QP	Pass
15.247(d) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 450.01MHz 42.87 (Margin -3.13dB) – QP	Pass
15.247(b)(3)	Conducted Output Power	Max Power [dBm]: 25.33	Pass
15.247(a)(2)	6dB Bandwidth	Meet the requirement of limit	Pass
15.247(e)	Power Spectral Density	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

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

1 General Description

1.1 Information

1.1.1 Product Details

The four configurations of the EUT are shown on the following:

Model Name	Part No.	Description
Sona IF513	453-00184	Module, Sona IF513, MHF4L
	453-00185	Module, Sona IF513, Trace Pin
	453-00193	Module, Sona IF513, Antenna Diversity, MHF4L
	453-00194	Module, Sona IF513, Antenna Diversity, Trace Pin
	453-00186	Module, Sona IF513, M.2, Key E, SDIO, UART
	453-00195	Module, Sona IF513, Antenna Diversity, M.2, Key E, SDIO, UART
	453-00213	Module, Sona IF513, M.2, Key E, SDIO, UART, Ext. OSC
	453-00214	Module, Sona IF513, Antenna Diversity, M.2, Key E, SDIO, UART, Ext. OSC

1.1.2 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	**IEEE Std. 802.11**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**Data Rate / MCS**
2400-2483.5	b	2412-2462	1-11 [11]	1	1-11 Mbps
2400-2483.5	g	2412-2462	1-11 [11]	1	6-54 Mbps
2400-2483.5	n (HT20)	2412-2462	1-11 [11]	1	MCS 0-7
2400-2483.5	ax (HE20)	2412-2462	1-11 [11]	1	MCS 0-11

Note 1: RF output power specifies that Maximum Peak Conducted Output Power.
Note 2: DSSS-DBPSK, DQPSK, CCK modulation
OFDM/OFDMA- BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM modulation.
Note 3: 802.11ax supports full RU and partial RU configuration. Test results of partial RU configuration are recorded in this report. Refers to report no.: FR460601AC for test results of full RU configuration.

1.1.3 Antenna Details

Ant. No.	Manufacturer	Model	Part Number	Type	Connector	Operating Frequencies / Gain (dBi)		
						2.4GHz	5GHz	6GHz
1	Joymax Inc.	TWX-100B RS3B	NA	Dipole	RP-SMA	2	4	4
2	Ezurio	FlexMIMO 6E	EFD2471A3 S-10MH4L	PIFA	MHF4L	2.2	3.8	3.3
3	Ezurio	Mini NanoBlade Flex 6 GHz	EMF2471A 3S-10MH4L	PCB Dipole	MHF4L	2.4	4.4	5.2
4	Ezurio	FlexPIFA 6E	EFB2471A3 S-10MH4L	PIFA	MHF4L	2.2	3.9	3.8

1.1.4 Configuration of Equipment under Test (EUT)

Power Supply Type	3.3Vdc from host	
Beamforming	☐ Support	☒ Not support
RU Configuration	☐ Full RU	☒ Partial RU

1.1.5 Channel List

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

1.1.6 Test Tool and Duty Cycle

Test Tool	Tera Term, V4.74		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	ax HE20 RU26	99.09%	4.02
	ax HE20 RU52	98.17%	2.04
	ax HE20 RU106	99.23%	3.57

1.1.7 Power Index of Test Tool

Part No. 453-00184

Modulation Mode	Test Frequency (MHz)	Power Index
ax HE20 RU26	2412	52
ax HE20 RU26	2437	72
ax HE20 RU26	2462	46
ax HE20 RU52	2412	52
ax HE20 RU52	2437	72
ax HE20 RU52	2462	46
ax HE20 RU106	2412	54
ax HE20 RU106	2437	74
ax HE20 RU106	2462	47

Part No. 453-00193

Modulation Mode	Test Frequency (MHz)	Power Index
ax HE20 RU26	2412	52
ax HE20 RU26	2437	72
ax HE20 RU26	2462	46
ax HE20 RU52	2412	52
ax HE20 RU52	2437	72
ax HE20 RU52	2462	46
ax HE20 RU106	2412	53
ax HE20 RU106	2437	73
ax HE20 RU106	2462	47

Part No. 453-00213

Modulation Mode	Test Frequency (MHz)	Power Index
ax HE20 RU26	2412	49
ax HE20 RU26	2437	68
ax HE20 RU26	2462	43
ax HE20 RU52	2412	49
ax HE20 RU52	2437	68
ax HE20 RU52	2462	43
ax HE20 RU106	2412	49
ax HE20 RU106	2437	70
ax HE20 RU106	2462	43

Part No. 453-00214

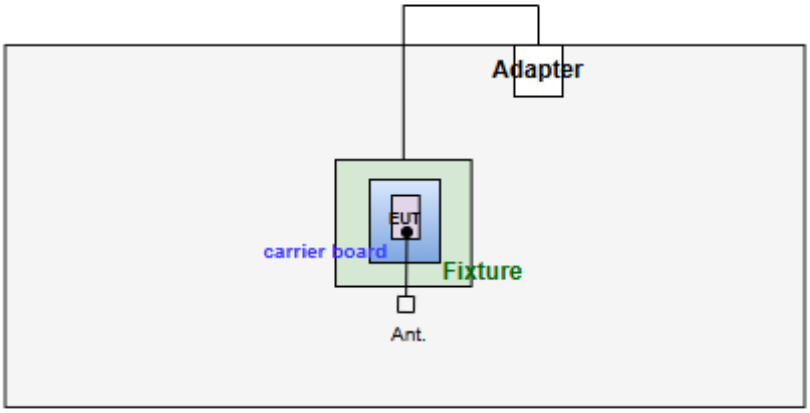
Modulation Mode	Test Frequency (MHz)	Power Index
ax HE20 RU26	2412	52
ax HE20 RU26	2437	72
ax HE20 RU26	2462	46
ax HE20 RU52	2412	52
ax HE20 RU52	2437	72
ax HE20 RU52	2462	46
ax HE20 RU106	2412	54
ax HE20 RU106	2437	74
ax HE20 RU106	2462	48

1.2 Local Support Equipment List

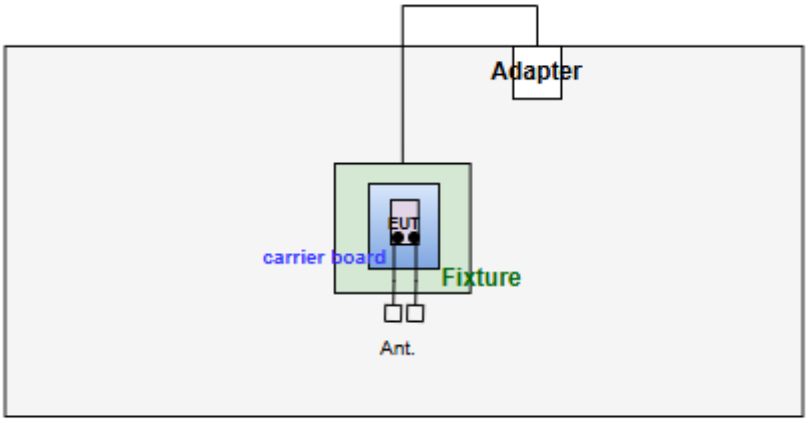
Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	Laptop	DELL	Latitude 5400	DoC	---
2	Fixture	Ezurio	750-00001-2-0	---	Provided by applicant.
3	Fixture's adapter	Chenzhou Frecom Electronics Co.	F36L7-120300S PACP	---	Provided by applicant.
4	50Ω terminator	Woken	WTER-18S2	---	---

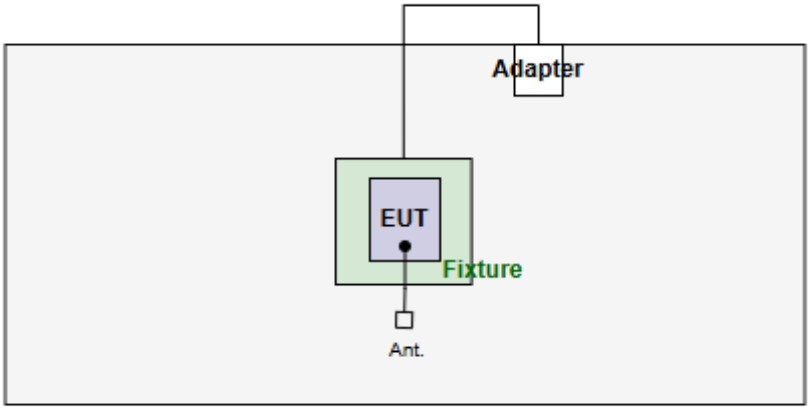
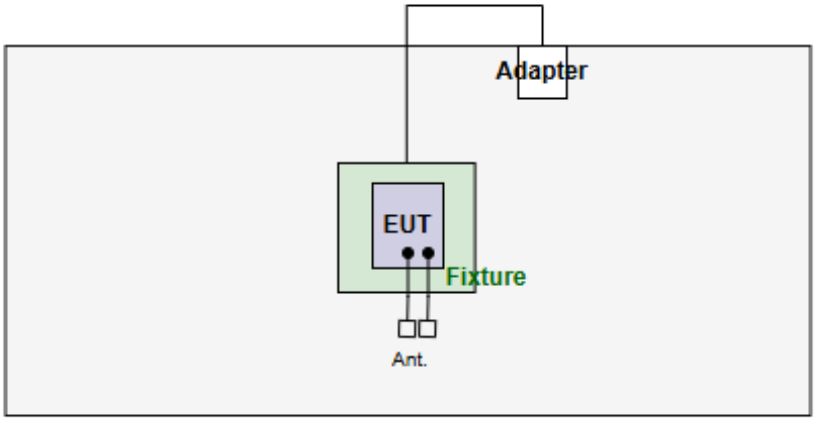
1.3 Test Setup Chart

Test Setup Diagram (Conducted Emission –Laird part number: 453-00184)

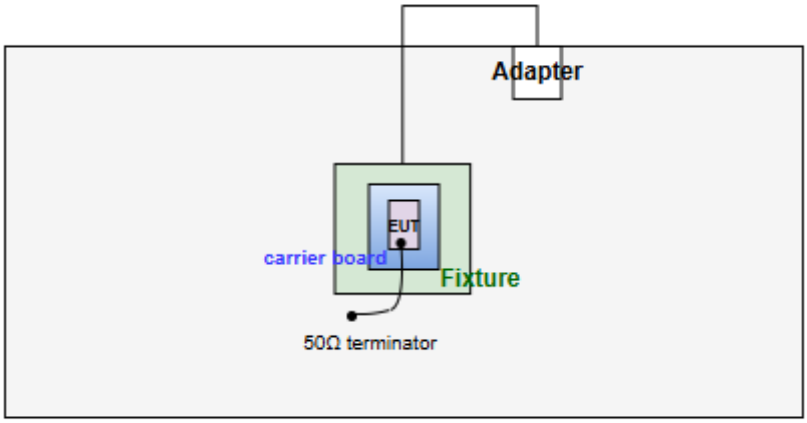


Test Setup Diagram (Conducted Emission –Laird part number: 453-00193)

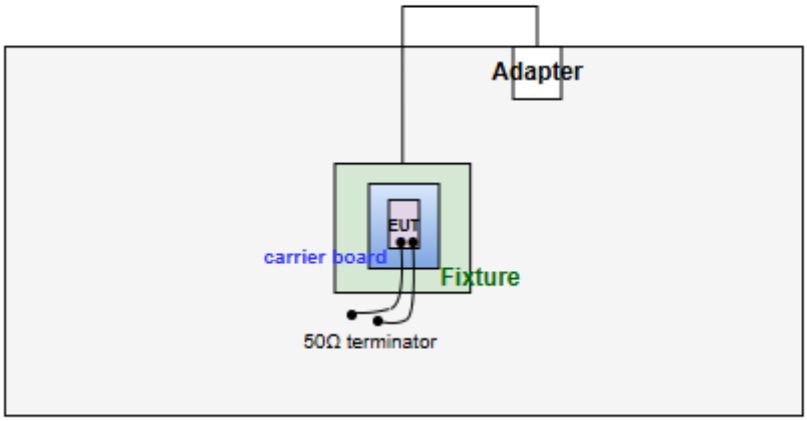


Test Setup Diagram (Conducted Emission –Laird part number: 453-00213)

Test Setup Diagram (Conducted Emission – Laird part number: 453-00214)


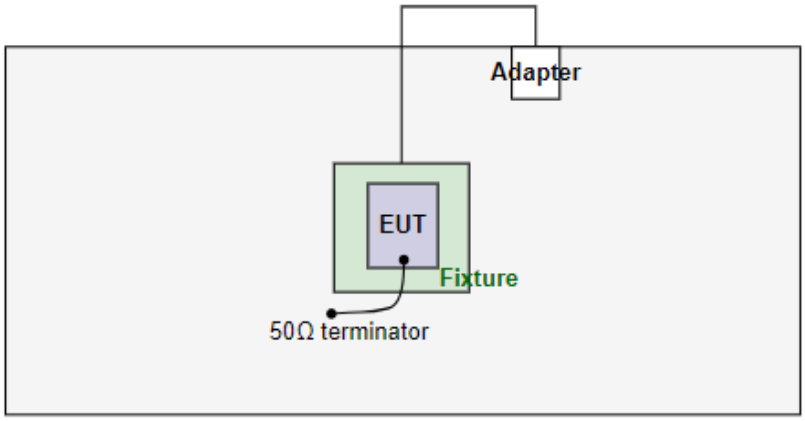
Test Setup Diagram (Radiated Emission – Laird part number: 453-00184)



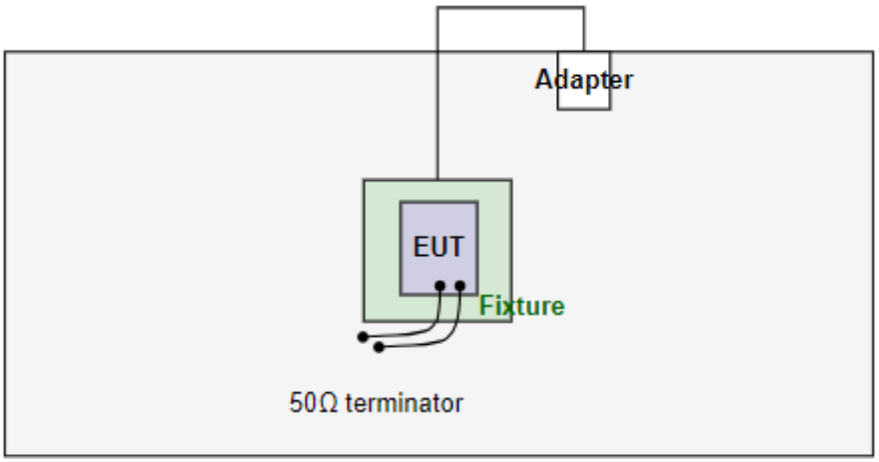
Test Setup Diagram (Radiated Emission –Laird part number: 453-00193)



Test Setup Diagram (Radiated Emission – Laird part number: 453-00213)



Test Setup Diagram (Radiated Emission –Laird part number: 453-00214)



1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Oct. 21, 2024				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101658	Feb. 23, 2024	Feb. 22, 2025
LISN	R&S	ENV216	101579	May 09, 2024	May 08, 2025
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127667	Jan. 10, 2024	Jan. 09, 2025
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 07, 2024	Oct. 08, 2025
50 ohm terminal	NA	50	01	Jun. 19, 2024	Jun. 18, 2025
Measurement Software	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Oct. 04 ~ Oct. 25, 2024				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101910	Apr. 18, 2024	Apr. 17, 2025
Power Meter	Anritsu	ML2495A	1241002	Nov. 21, 2023	Nov. 20, 2024
Power Sensor	Anritsu	MA2411B	1207366	Nov. 21, 2023	Nov. 20, 2024
Attenuator	Pasternack	PE7005-10	10-2	Oct. 04, 2024	Oct. 03, 2025
HIGHPASS FILTER 3.1-18G	WHK	WHK3.1/18G-10SS	39	Oct. 02, 2024	Oct. 01, 2025
LOWPASS FILTER	WI	WLKS1100-12SS	2	Oct. 02, 2024	Oct. 01, 2025
Measurement Software	Sporton	SENSE-15247_DTS	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Oct. 08 ~ Oct. 14, 2024				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101657	Mar. 05, 2024	Mar. 04, 2025
Spectrum Analyzer	R&S	FSV40	101498	Nov. 23, 2023	Nov. 22, 2024
Loop Antenna	R&S	HFH2-Z2	100330	Oct. 31, 2023	Oct. 30, 2024
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Aug. 09, 2024	Aug. 08, 2025
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Nov. 27, 2023	Nov. 26, 2024
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Oct. 30, 2023	Oct. 29, 2024
Preamplifier	EMC	EMC02325	980225	Jun. 17, 2024	Jun. 16, 2025
Preamplifier	EMC	EMC118A45SE	980898	Jul. 05, 2024	Jul. 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 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 02, 2024	Oct. 01, 2025
LF cable 11M	EMC	EMCCFD400-NW-NW-11000	200801	Oct. 02, 2024	Oct. 01, 2025
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 02, 2024	Oct. 01, 2025
RF Cable	EMC	EMC104-35M-35M-8000	210920	Oct. 02, 2024	Oct. 01, 2025
RF Cable	EMC	EMC104-35M-35M-3000	210922	Oct. 02, 2024	Oct. 01, 2025
Attenuator	Pasternack	PE7005-10	10-1	Oct. 02, 2024	Oct. 01, 2025
HIGHPASS FILTER 3.1-18G	WHK	WHK3.1/18G-10SS	39	Oct. 02, 2024	Oct. 01, 2025
Measurement Software	Sporton	SENSE-15247_DTS	V5.11	NA	NA
Measurement Software	Sporton	SENSE-EMI	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.247
ANSI C63.10-2013

1.6 Reference Guidance

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

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

Measurement Uncertainty	
Parameters	**Uncertainty**
Bandwidth	±34.130 Hz
Conducted power	±0.808 dB
Power density	±0.583 dB
Conducted emission	±2.715 dB
AC conducted emission	±2.92 dB
Unwanted Emission ≤ 1GHz	±3.41 dB
Unwanted Emission > 1GHz	±4.59 dB

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, 03CH01-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.)

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test method	Mode	Test Configuration	Note
AC Power Line Conducted Emission	ax HE20 RU106	2437	MCS 0	Conducted	TX	1	---
Unwanted Emissions ≤ 1GHz	ax HE20 RU106	2437	MCS 0	Radiated	TX	1, 2, 3, 4	Note 2
Unwanted Emissions >1GHz	ax HE20 RU26 ax HE20 RU52 ax HE20 RU106	2412 / 2437 / 2462	MCS 0	Radiated	TX	1	Note 2
	ax HE20 RU106	2412	MCS 0	Radiated	TX	2, 3, 4	Note 2
Unwanted Emissions ≤ 1GHz	ax HE20 RU106	2437	MCS 0	Conducted	TX	1, 2, 3, 4	---
Unwanted Emissions >1GHz	ax HE20 RU26 ax HE20 RU52 ax HE20 RU106	2412 / 2437 / 2462	MCS 0	Conducted	TX	1	---
	ax HE20 RU26	2412	MCS 0	Conducted	TX	2, 3, 4	
Conducted Output Power	ax HE20 RU26 ax HE20 RU52 ax HE20 RU106	2412 / 2437 / 2462	MCS 0	Conducted	TX	1, 2, 3, 4	---
6dB bandwidth Power spectral density	ax HE20 RU26 ax HE20 RU52 ax HE20 RU106	2412 / 2437 / 2462	MCS 0	Conducted	TX	1	---

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Z-plane** result was found as the worst case and was shown in this report.
2. The 50Ω terminator is connected to antenna port of EUT for radiated emission measurement.
3. Test configurations are listed as below:

   Configuration 1: Laird part number: 453-00184

   Configuration 2: Laird part number: 453-00193

   Configuration 3: Laird part number: 453-00213

   Configuration 4: Laird part number: 453-00214

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

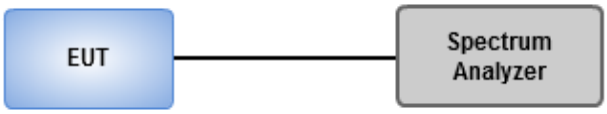
6dB Bandwidth

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	24-25°C / 61-62%	**Tested By**	Roger Lu

Refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Limit of Conducted Output Power

Conducted power shall not exceed 1Watt.

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

Antenna gain > 6dBi

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

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

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	24-25°C / 61-62%	**Tested By**	Roger Lu

Refer to Appendix B.

3.3 Power Spectral Density

3.3.1 Limit of Power Spectral Density

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

3.3.2 Test Procedures

Peak PSD

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

Average PSD, duty cycle ≥ 98%

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

Average PSD, duty cycle < 98%

1 Set the RBW = 3 kHz, VBW = 10 kHz

2 Detector = RMS, Sweep time = auto couple.

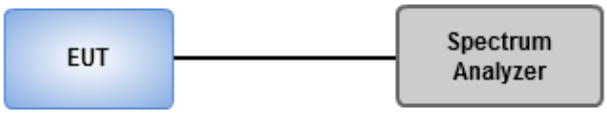
3 Sweep time = auto couple.

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	24-25°C / 61-62%	**Tested By**	Roger Lu

Refer to Appendix C.

3.4 Unwanted Emissions into Restricted Frequency Bands

3.4.1 Limit of Unwanted Emissions into Restricted Frequency Bands

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

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

3.4.2 Test Procedures

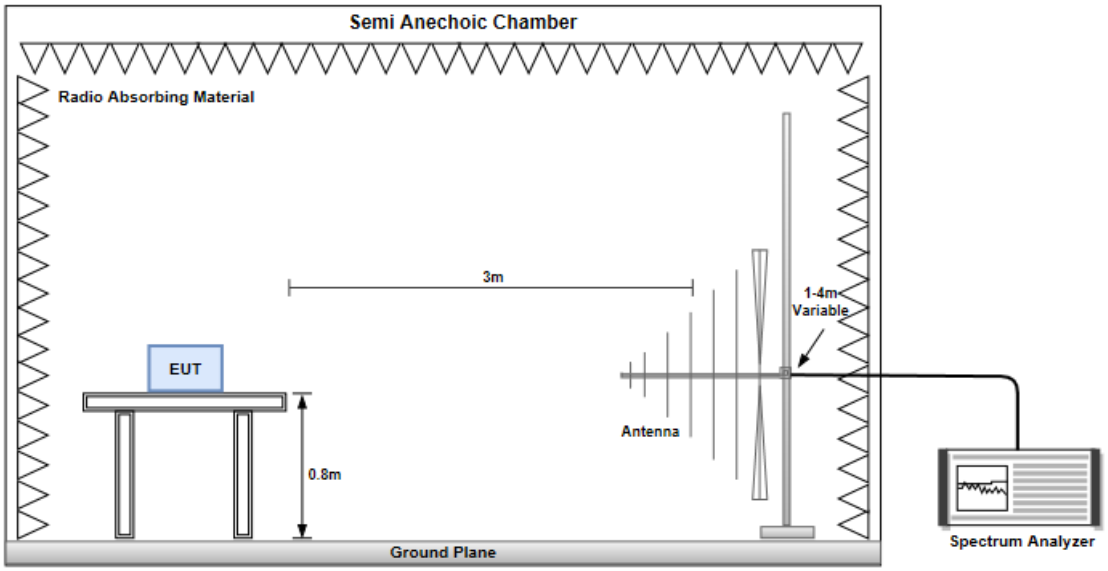
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

Note:

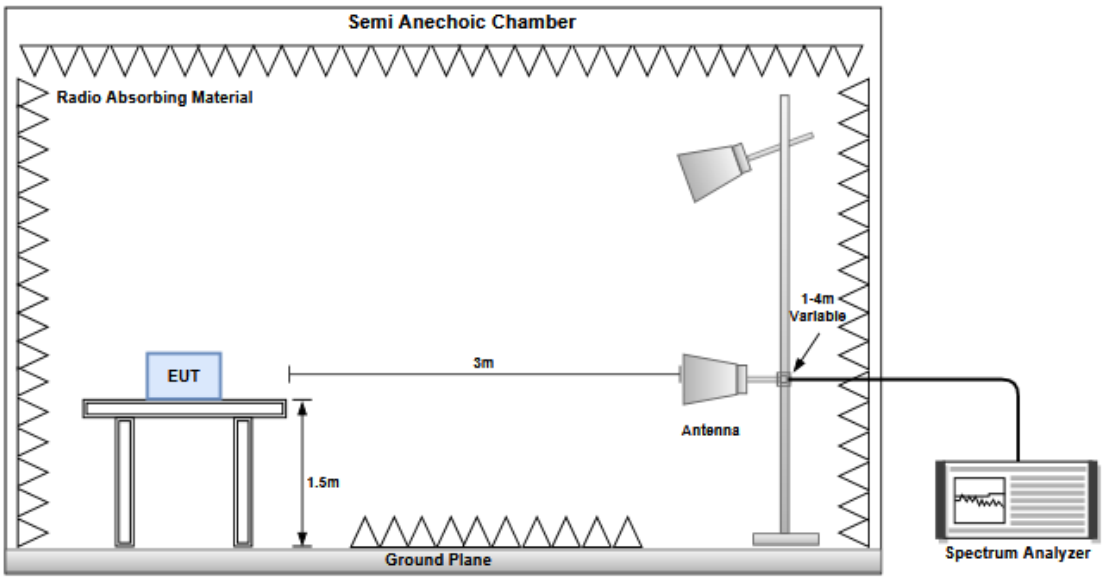
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.4.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.4.4 Test Results

Refer to Appendix 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 20 dB relative to the maximum in-band peak PSD level in 100 kHz.

3.5.2 Test Procedures

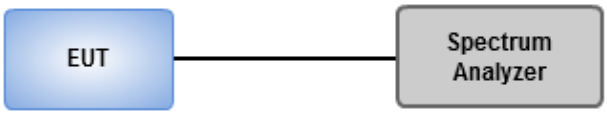
Reference level measurement

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	24-25°C / 61-62%	Tested By	Roger Lu

Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

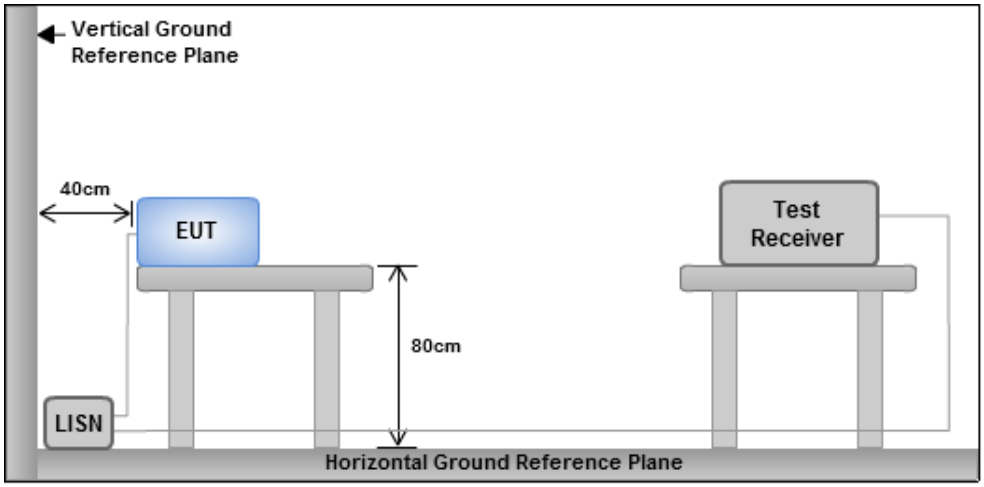
3.6.1 Limit of AC Power Line Conducted Emissions

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==

Configuration 1: Laird part number: 453-00184

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	2.1M	16.967M	17M0D1D	2.05M	16.792M
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	15M	16.917M	16M9D1D	6.65M	16.842M
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	17.125M	18.166M	18M2D1D	17.1M	18.116M

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

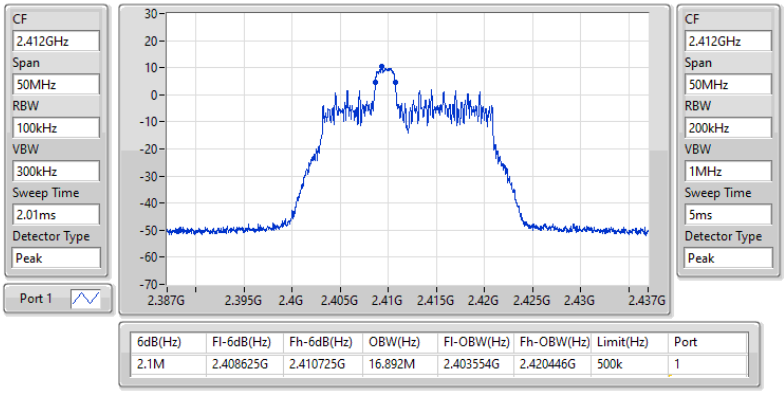
Result

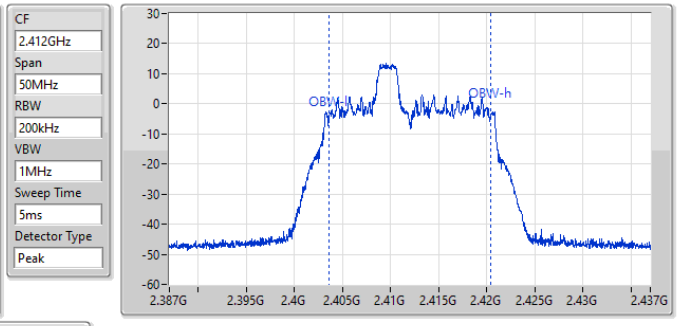
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	2.1M	16.892M
2437MHz	Pass	500k	2.075M	16.967M
2462MHz	Pass	500k	2.05M	16.792M
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	7.85M	16.842M
2437MHz	Pass	500k	15M	16.917M
2462MHz	Pass	500k	6.65M	16.867M
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.125M	18.116M
2437MHz	Pass	500k	17.1M	18.166M
2462MHz	Pass	500k	17.125M	18.116M

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

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **EBW**

2412MHz

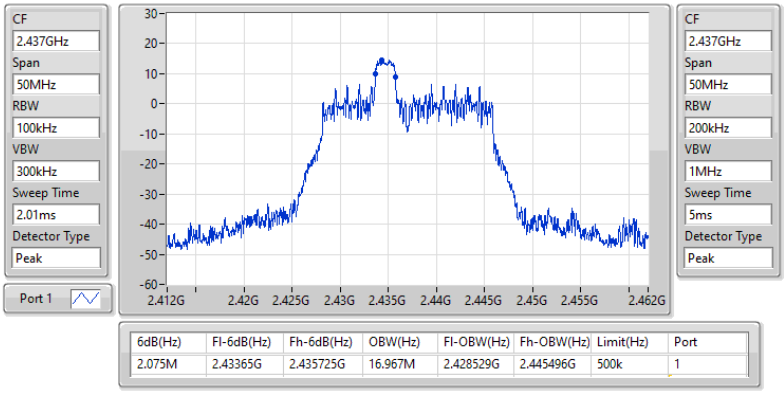


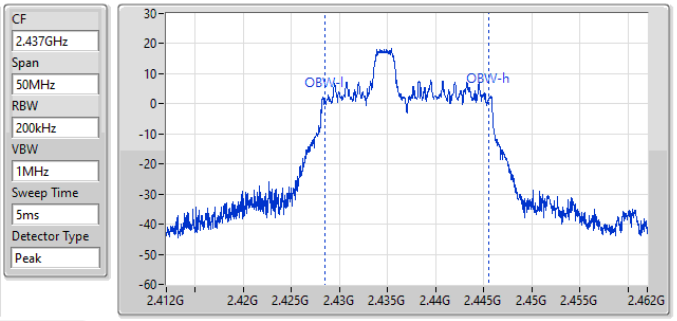


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
2.1M	2.408625G	2.410725G	16.892M	2.403554G	2.420446G	500k	1

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **EBW**

2437MHz

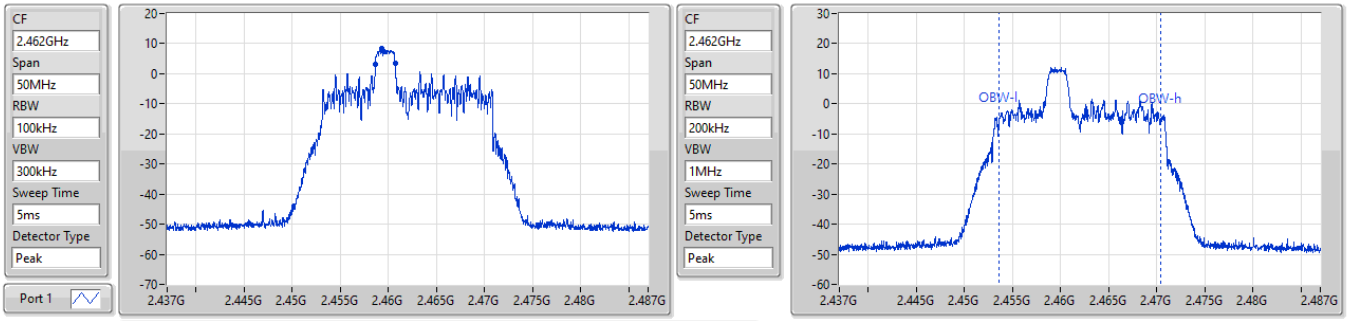




6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
2.075M	2.43365G	2.435725G	16.967M	2.428529G	2.445496G	500k	1

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **EBW**

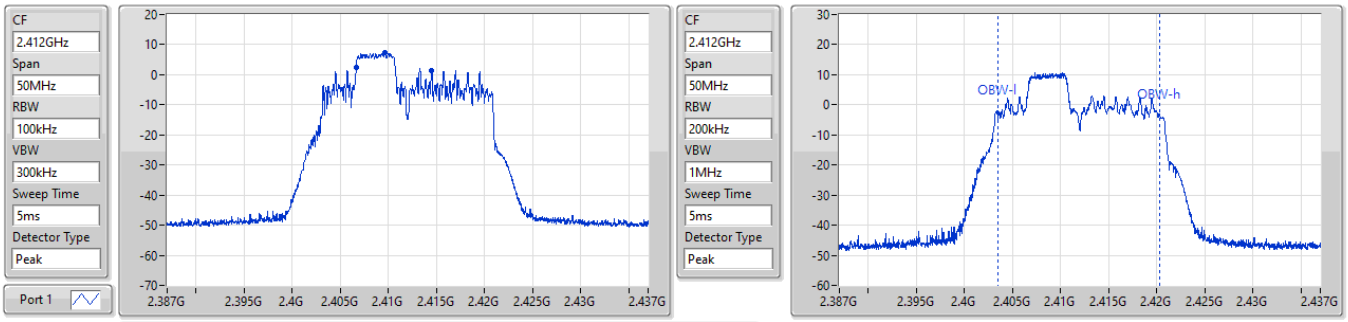
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
2.05M	2.45865G	2.4607G	16.792M	2.453629G	2.470421G	500k	1

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **EBW**

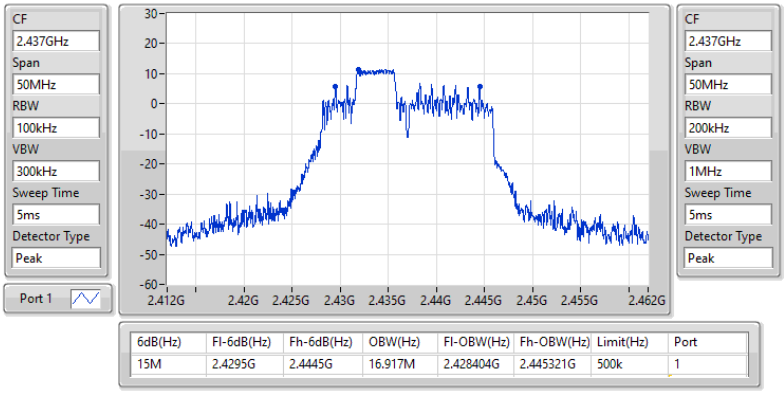
2412MHz

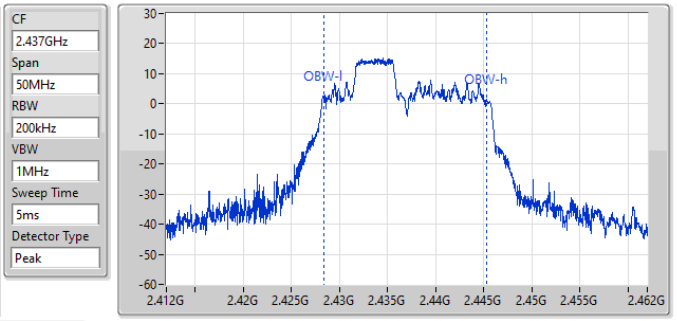


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.85M	2.40665G	2.4145G	16.842M	2.403454G	2.420296G	500k	1

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **EBW**

2437MHz

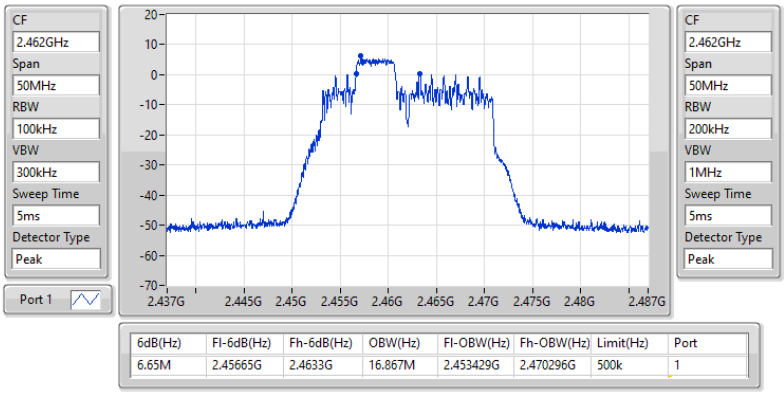


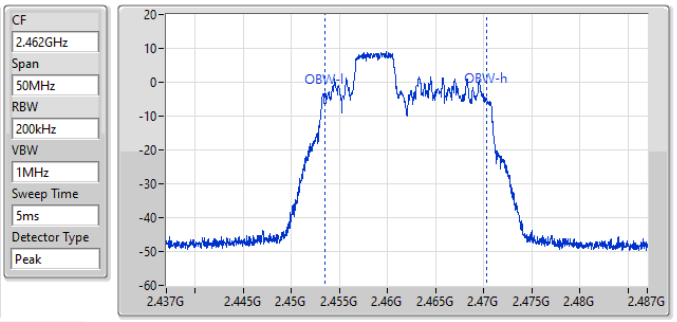


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.4295G	2.4445G	16.917M	2.428404G	2.445321G	500k	1

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **EBW**

2462MHz

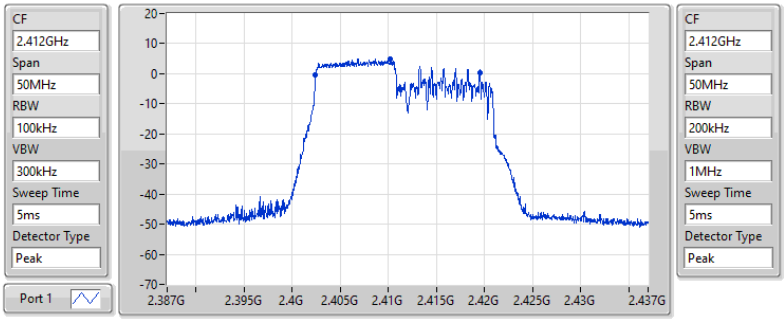


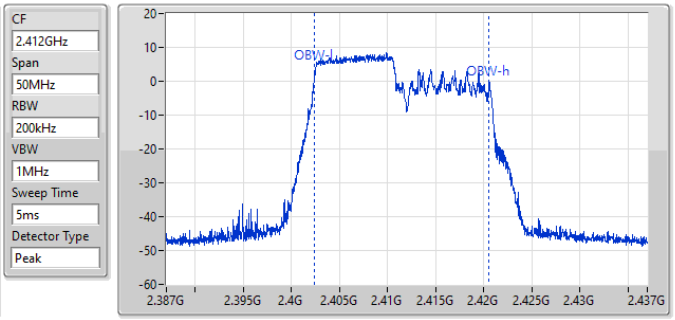


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.65M	2.45665G	2.4633G	16.867M	2.453429G	2.470296G	500k	1

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **EBW**

2412MHz

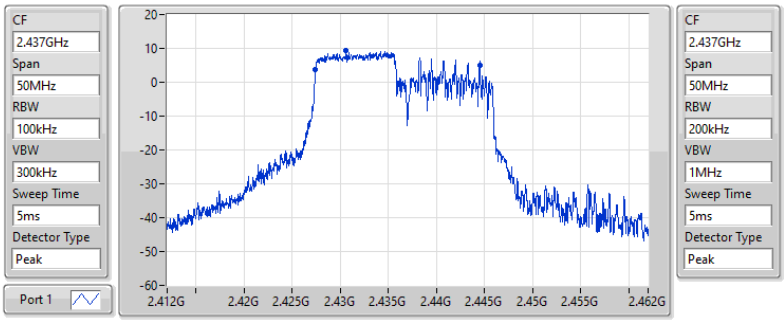


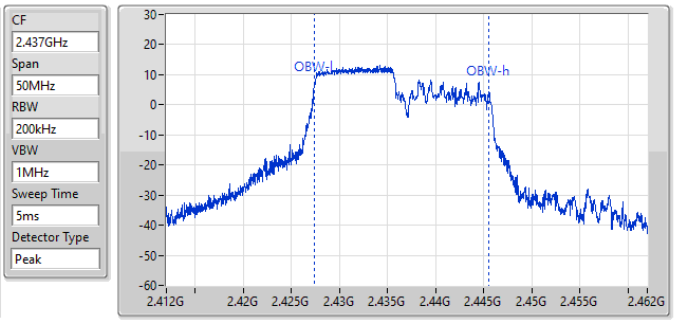


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.125M	2.402425G	2.41955G	18.116M	2.40238G	2.420496G	500k	1

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **EBW**

2437MHz

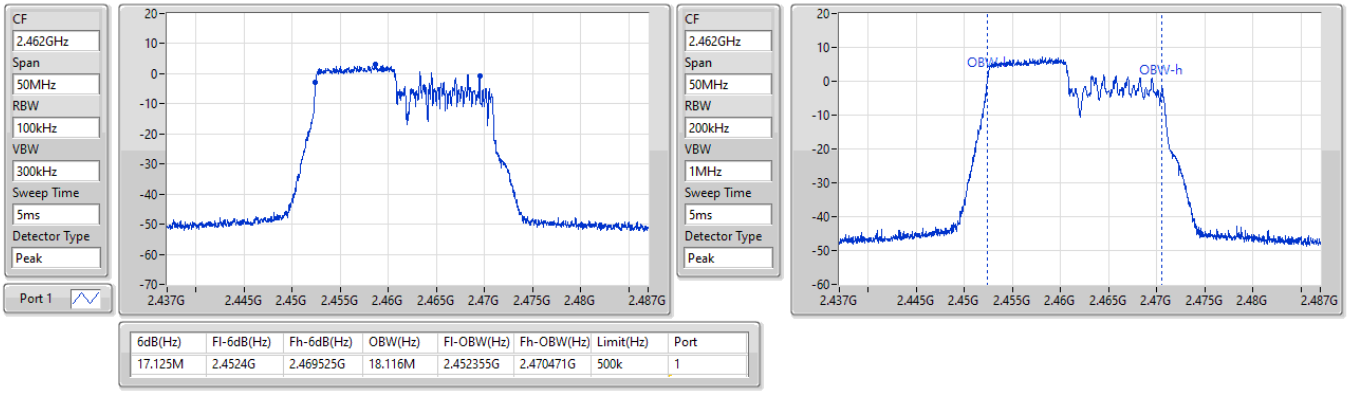




6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.1M	2.427425G	2.444525G	18.166M	2.427355G	2.445521G	500k	1

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **EBW**

2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.125M	2.4524G	2.469525G	18.116M	2.452355G	2.470471G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	25.32	0.34041
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	25.31	0.33963
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	25.33	0.34119

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	23.51	23.51	30.00	25.91	36.00
2437MHz	Pass	2.40	25.32	25.32	30.00	27.72	36.00
2462MHz	Pass	2.40	21.41	21.41	30.00	23.81	36.00
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	23.42	23.42	30.00	25.82	36.00
2437MHz	Pass	2.40	25.31	25.31	30.00	27.71	36.00
2462MHz	Pass	2.40	21.62	21.62	30.00	24.02	36.00
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	23.61	23.61	30.00	26.01	36.00
2437MHz	Pass	2.40	25.33	25.33	30.00	27.73	36.00
2462MHz	Pass	2.40	21.73	21.73	30.00	24.13	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	18.52	0.07112
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	18.51	0.07096
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	18.52	0.07112

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	14.08	14.08	-	16.48	-
2437MHz	Pass	2.40	18.52	18.52	-	20.92	-
2462MHz	Pass	2.40	12.51	12.51	-	14.91	-
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	14.06	14.06	-	16.46	-
2437MHz	Pass	2.40	18.51	18.51	-	20.91	-
2462MHz	Pass	2.40	12.49	12.49	-	14.89	-
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	14.05	14.05	-	16.45	-
2437MHz	Pass	2.40	18.52	18.52	-	20.92	-
2462MHz	Pass	2.40	12.49	12.49	-	14.89	-

DG = Directional Gain; Port X = Port X output power
Note : Conducted average output power is for reference

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	2.04
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-1.33
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-4.17

RBW = 3kHz;

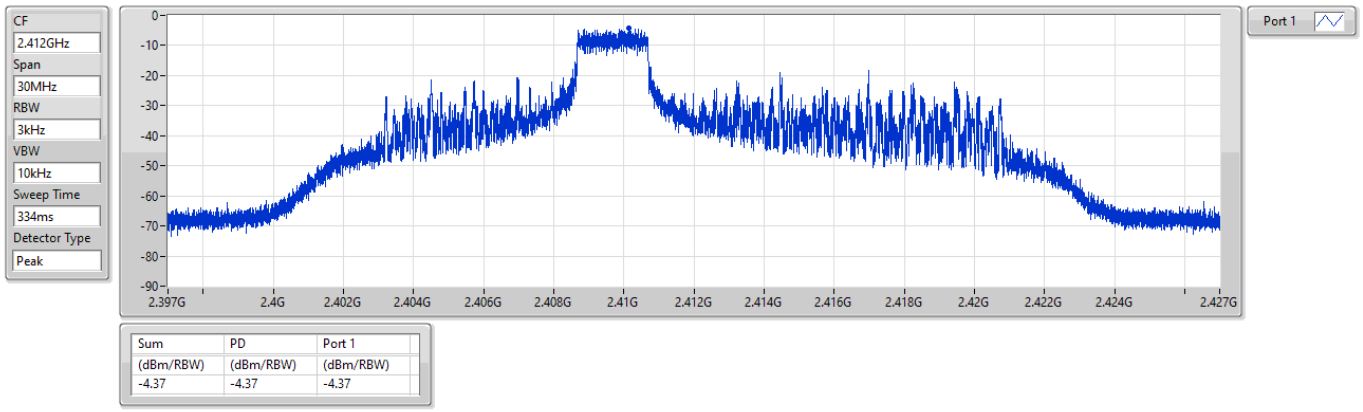
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.40	-4.37	-4.37	8.00
2437MHz	Pass	2.40	2.04	2.04	8.00
2462MHz	Pass	2.40	-5.50	-5.50	8.00
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.40	-5.83	-5.83	8.00
2437MHz	Pass	2.40	-1.33	-1.33	8.00
2462MHz	Pass	2.40	-7.00	-7.00	8.00
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.40	-8.46	-8.46	8.00
2437MHz	Pass	2.40	-4.17	-4.17	8.00
2462MHz	Pass	2.40	-10.40	-10.40	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;

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **PSD**

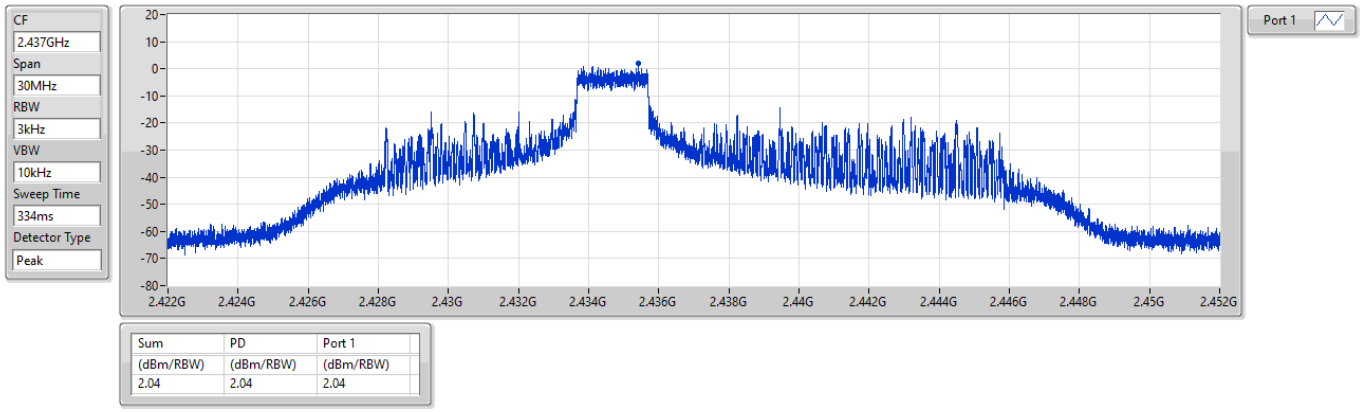
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.37	-4.37	-4.37

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **PSD**

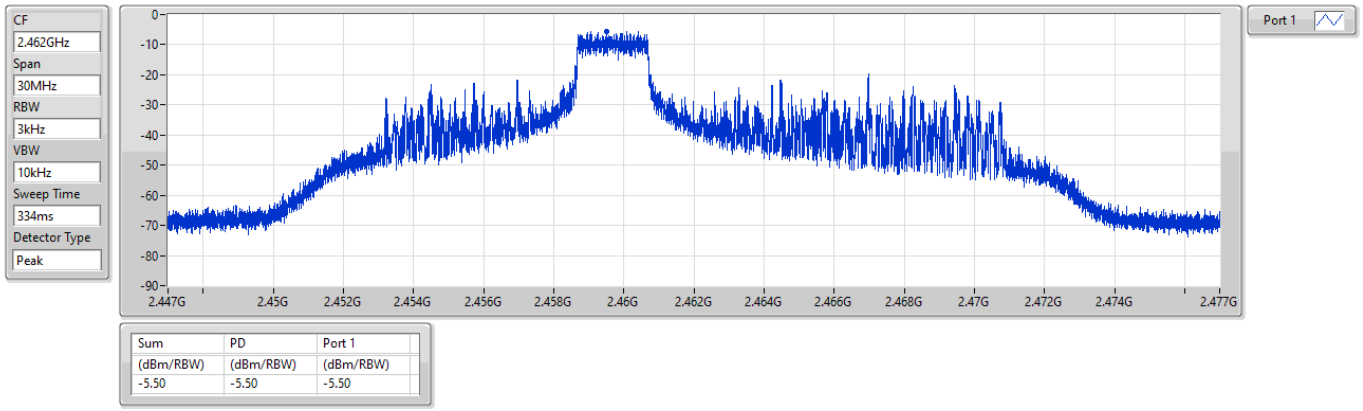
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.04	2.04	2.04

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **PSD**

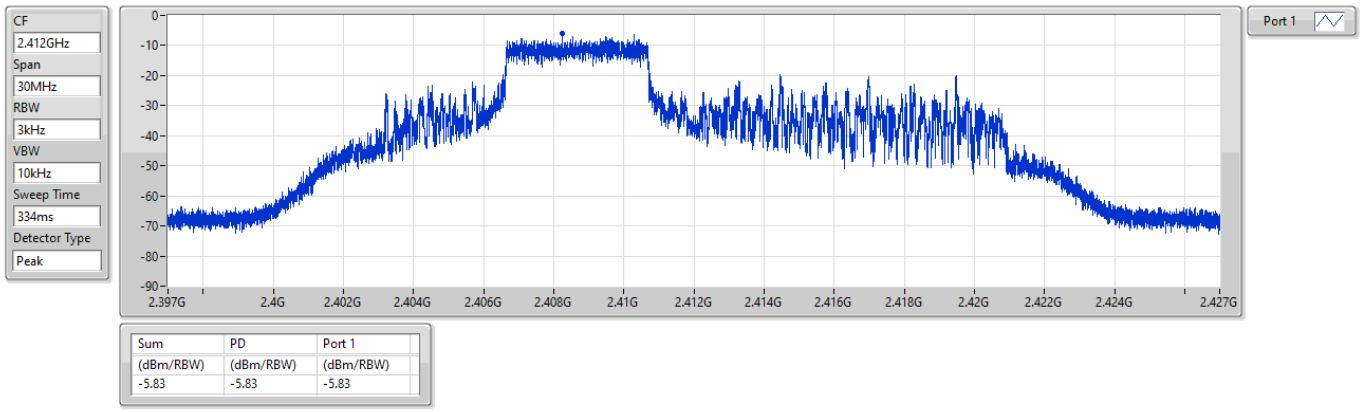
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.50	-5.50	-5.50

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **PSD**

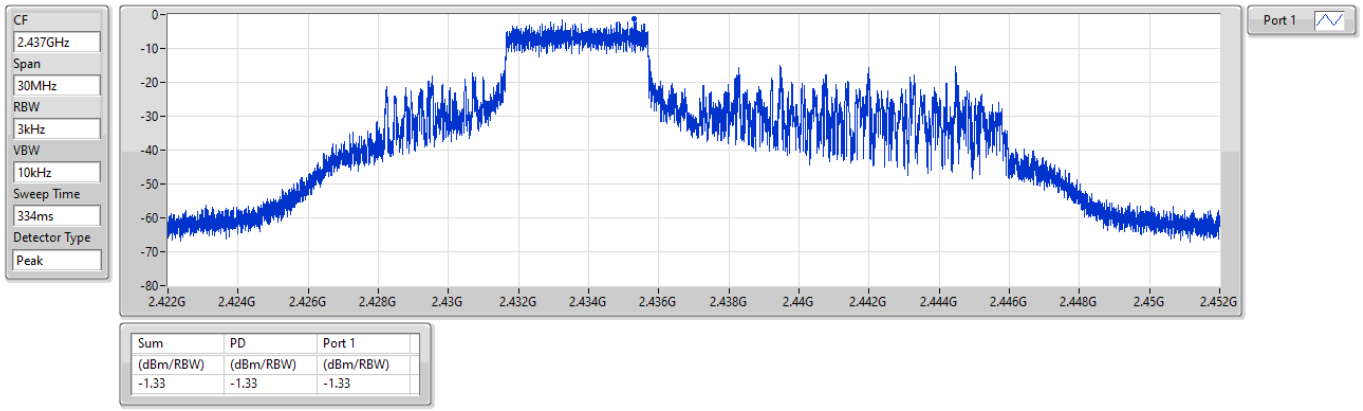
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.83	-5.83	-5.83

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **PSD**

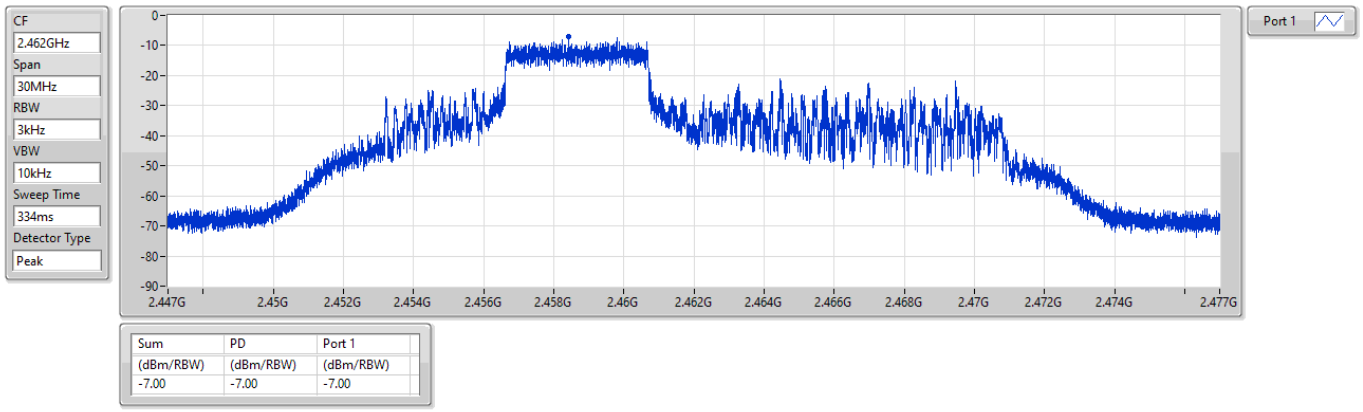
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.33	-1.33	-1.33

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **PSD**

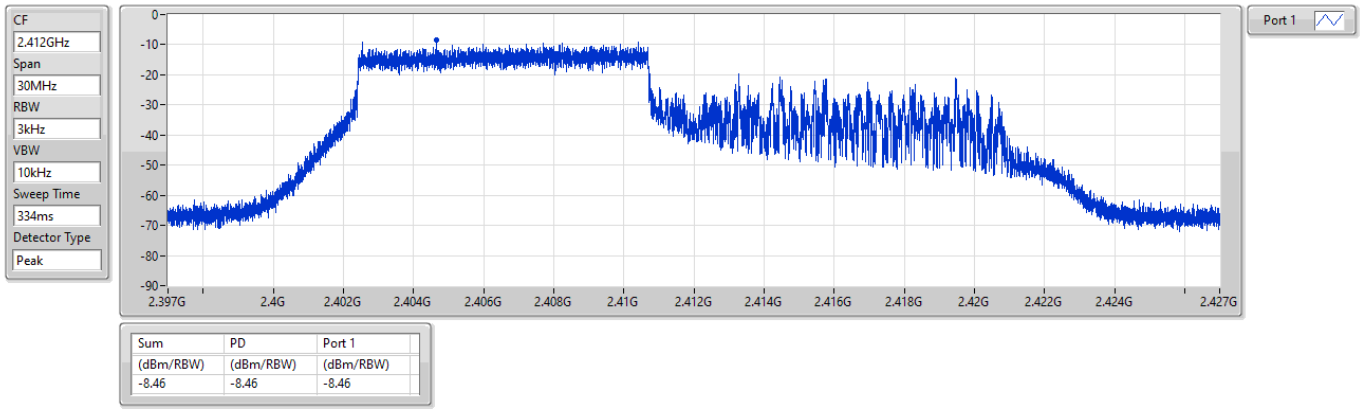
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.00	-7.00	-7.00

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **PSD**

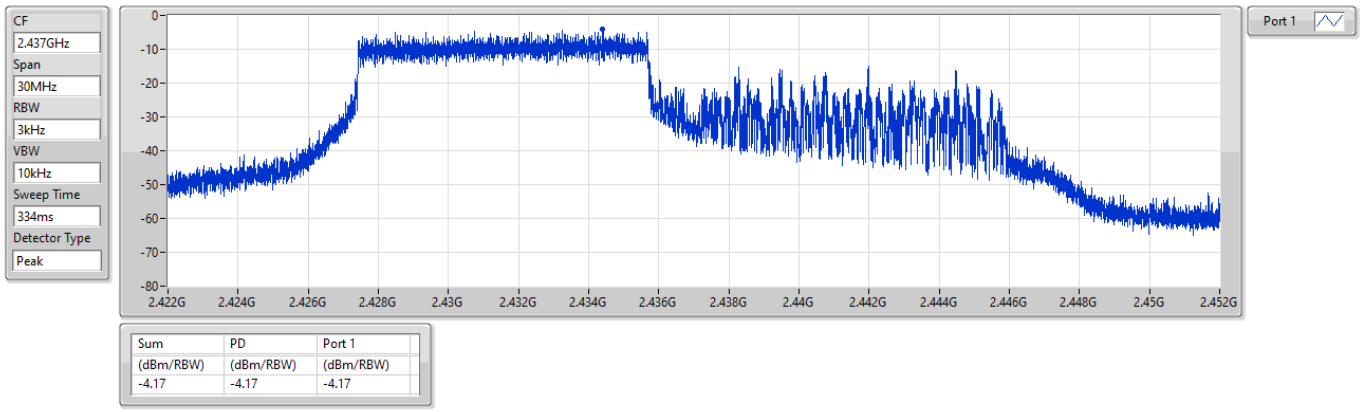
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.46	-8.46	-8.46

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **PSD**

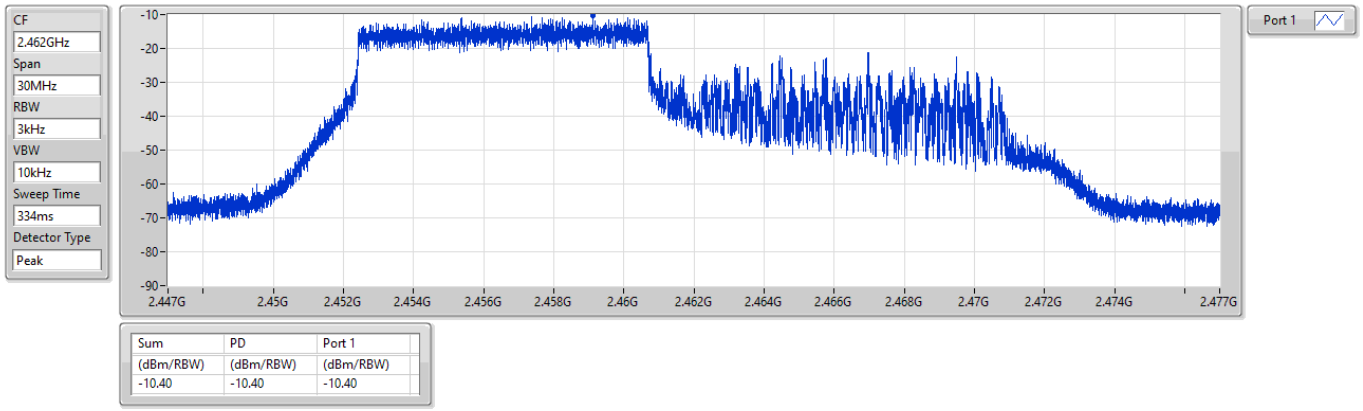
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.17	-4.17	-4.17

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **PSD**

2462MHz



Summary

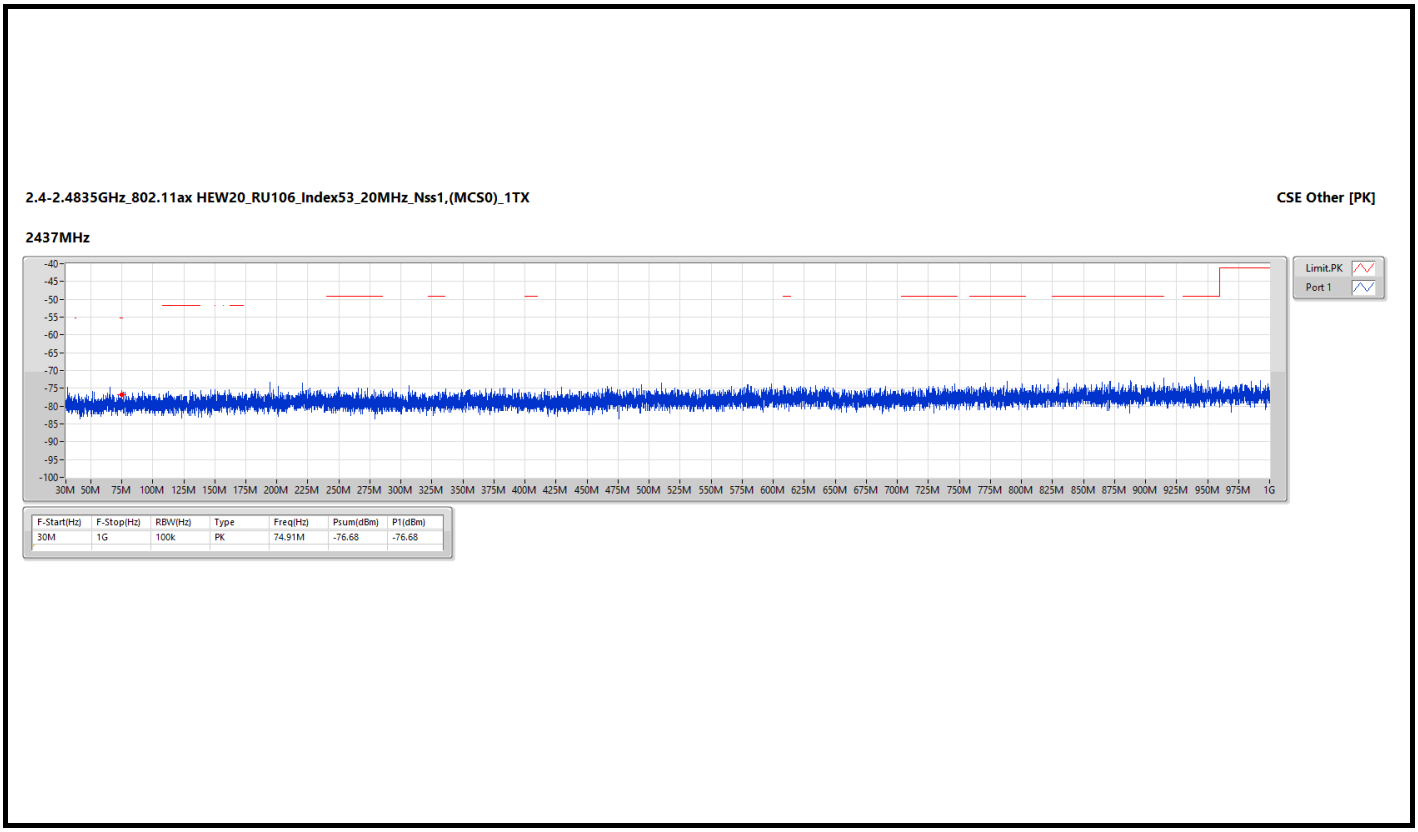
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-		-	-	-
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	Pass	30M	1G	PK	74.91M	2.40	-76.68	-76.68	4.70	-69.58	-55.20	-14.38

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-		-	-	-
2437MHz	Pass	30M	1G	PK	74.91M	2.40	-76.68	-76.68	4.70	-69.58	-55.20	-14.38

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX	Pass	2.4835G	2.5G	PK	2.48675G	2.40	-30.09	-30.09	-27.69	-21.20	-6.49
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	Pass	2.31G	2.39G	AV	2.3896G	2.40	-55.47	-55.47	-53.07	-41.20	-11.87
802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX	Pass	2.31G	2.39G	PK	2.3872G	2.40	-28.13	-28.13	-25.73	-21.20	-4.53
802.11ax HEW20_RU52_Index37_20MHz_Nss1,(MCS0)_1TX	Pass	2.4835G	2.5G	PK	2.48357G	2.40	-30.83	-30.83	-28.43	-21.20	-7.23
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	Pass	2.4835G	2.5G	AV	2.48394G	2.40	-55.21	-55.21	-52.81	-41.20	-11.61
802.11ax HEW20_RU52_Index40_20MHz_Nss1,(MCS0)_1TX	Pass	2.31G	2.39G	PK	2.38872G	2.40	-30.71	-30.71	-28.31	-21.20	-7.11
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	Pass	2.31G	2.39G	AV	2.38952G	2.40	-53.44	-53.44	-51.04	-41.20	-9.84
802.11ax HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_1TX	Pass	2.31G	2.39G	AV	2.38996G	2.40	-53.80	-53.80	-51.40	-41.20	-10.20

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.40	-60.47	-60.47	-58.07	-41.20	-16.87
2412MHz	Pass	2.31G	2.39G	AV	2.38716G	2.40	-54.34	-54.34	-51.94	-41.20	-10.74
2412MHz	Pass	2.4835G	2.5G	AV	2.48363G	2.40	-59.03	-59.03	-56.63	-41.20	-15.43
2412MHz	Pass	2.5G	3.1G	AV	2.5405G	2.40	-59.76	-59.76	-57.36	-41.20	-16.16
2412MHz	Pass	1G	2.31G	PK	2.31G	2.40	-54.75	-54.75	-52.35	-21.20	-31.15
2412MHz	Pass	2.31G	2.39G	PK	2.38332G	2.40	-36.90	-36.90	-34.50	-21.20	-13.30
2412MHz	Pass	2.4835G	2.5G	PK	2.48724G	2.40	-47.36	-47.36	-44.96	-21.20	-23.76
2412MHz	Pass	2.5G	3.1G	PK	2.5075G	2.40	-47.75	-47.75	-45.35	-21.20	-24.15
2462MHz	Pass	1G	2.31G	AV	2.31G	2.40	-61.85	-61.85	-59.45	-41.20	-18.25
2462MHz	Pass	2.31G	2.39G	AV	2.373G	2.40	-59.06	-59.06	-56.66	-41.20	-15.46
2462MHz	Pass	2.4835G	2.5G	AV	2.48742G	2.40	-53.59	-53.59	-51.19	-41.20	-9.99
2462MHz	Pass	2.5G	3.1G	AV	2.5009G	2.40	-58.72	-58.72	-56.32	-41.20	-15.12
2462MHz	Pass	1G	2.31G	PK	2.31G	2.40	-53.18	-53.18	-50.78	-21.20	-29.58
2462MHz	Pass	2.31G	2.39G	PK	2.3822G	2.40	-47.61	-47.61	-45.21	-21.20	-24.01
2462MHz	Pass	2.4835G	2.5G	PK	2.48675G	2.40	-30.09	-30.09	-27.69	-21.20	-6.49
2462MHz	Pass	2.5G	3.1G	PK	2.5093G	2.40	-48.95	-48.95	-46.55	-21.20	-25.35
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	1G	2.31G	AV	2.31G	2.40	-59.74	-59.74	-57.34	-41.20	-16.14
2437MHz	Pass	2.31G	2.39G	AV	2.3896G	2.40	-55.47	-55.47	-53.07	-41.20	-11.87
2437MHz	Pass	2.4835G	2.5G	AV	2.48422G	2.40	-55.67	-55.67	-53.27	-41.20	-12.07
2437MHz	Pass	2.5G	3.1G	AV	2.5099G	2.40	-57.43	-57.43	-55.03	-41.20	-13.83
2437MHz	Pass	1G	2.31G	PK	2.31G	2.40	-49.63	-49.63	-47.23	-21.20	-26.03
2437MHz	Pass	2.31G	2.39G	PK	2.38828G	2.40	-41.35	-41.35	-38.95	-21.20	-17.75
2437MHz	Pass	2.4835G	2.5G	PK	2.48413G	2.40	-37.60	-37.60	-35.20	-21.20	-14.00
2437MHz	Pass	2.5G	3.1G	PK	2.5168G	2.40	-48.23	-48.23	-45.83	-21.20	-24.63
802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.40	-60.47	-60.47	-58.07	-41.20	-16.87
2412MHz	Pass	2.31G	2.39G	AV	2.38696G	2.40	-50.95	-50.95	-48.55	-41.20	-7.35
2412MHz	Pass	2.4835G	2.5G	AV	2.49538G	2.40	-58.97	-58.97	-56.57	-41.20	-15.37
2412MHz	Pass	2.5G	3.1G	AV	2.5294G	2.40	-59.62	-59.62	-57.22	-41.20	-16.02
2412MHz	Pass	1G	2.31G	PK	2.31G	2.40	-53.52	-53.52	-51.12	-21.20	-29.92
2412MHz	Pass	2.31G	2.39G	PK	2.3872G	2.40	-28.13	-28.13	-25.73	-21.20	-4.53
2412MHz	Pass	2.4835G	2.5G	PK	2.49032G	2.40	-47.06	-47.06	-44.66	-21.20	-23.46
2412MHz	Pass	2.5G	3.1G	PK	2.5444G	2.40	-49.47	-49.47	-47.07	-21.20	-25.87
2462MHz	Pass	1G	2.31G	AV	2.31G	2.40	-61.00	-61.00	-58.60	-41.20	-17.40
2462MHz	Pass	2.31G	2.39G	AV	2.3896G	2.40	-59.22	-59.22	-56.82	-41.20	-15.62
2462MHz	Pass	2.4835G	2.5G	AV	2.48382G	2.40	-55.98	-55.98	-53.58	-41.20	-12.38
2462MHz	Pass	2.5G	3.1G	AV	2.5003G	2.40	-58.73	-58.73	-56.33	-41.20	-15.13
2462MHz	Pass	1G	2.31G	PK	2.31G	2.40	-52.05	-52.05	-49.65	-21.20	-28.45
2462MHz	Pass	2.31G	2.39G	PK	2.3858G	2.40	-47.35	-47.35	-44.95	-21.20	-23.75
2462MHz	Pass	2.4835G	2.5G	PK	2.48523G	2.40	-33.05	-33.05	-30.65	-21.20	-9.45
2462MHz	Pass	2.5G	3.1G	PK	2.5819G	2.40	-49.06	-49.06	-46.66	-21.20	-25.46
802.11ax HEW20_RU52_Index37_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-

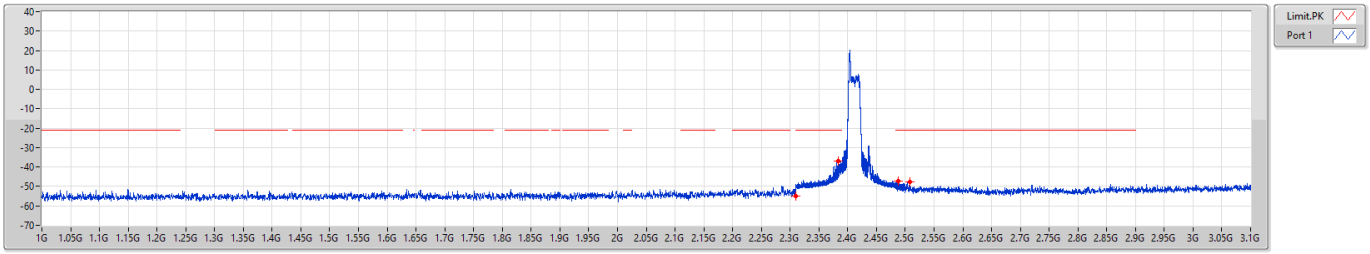
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2412MHz	Pass	1G	2.31G	AV	2.31G	2.40	-60.22	-60.22	-57.82	-41.20	-16.62
2412MHz	Pass	2.31G	2.39G	AV	2.38964G	2.40	-54.46	-54.46	-52.06	-41.20	-10.86
2412MHz	Pass	2.4835G	2.5G	AV	2.48607G	2.40	-59.25	-59.25	-56.85	-41.20	-15.65
2412MHz	Pass	2.5G	3.1G	AV	2.5093G	2.40	-59.62	-59.62	-57.22	-41.20	-16.02
2412MHz	Pass	1G	2.31G	PK	2.31G	2.40	-51.22	-51.22	-48.82	-21.20	-27.62
2412MHz	Pass	2.31G	2.39G	PK	2.3766G	2.40	-36.80	-36.80	-34.40	-21.20	-13.20
2412MHz	Pass	2.4835G	2.5G	PK	2.48829G	2.40	-46.95	-46.95	-44.55	-21.20	-23.35
2412MHz	Pass	2.5G	3.1G	PK	2.5435G	2.40	-49.80	-49.80	-47.40	-21.20	-26.20
2462MHz	Pass	1G	2.31G	AV	2.31G	2.40	-61.56	-61.56	-59.16	-41.20	-17.96
2462MHz	Pass	2.31G	2.39G	AV	2.37632G	2.40	-59.52	-59.52	-57.12	-41.20	-15.92
2462MHz	Pass	2.4835G	2.5G	AV	2.48402G	2.40	-54.37	-54.37	-51.97	-41.20	-10.77
2462MHz	Pass	2.5G	3.1G	AV	2.5021G	2.40	-58.94	-58.94	-56.54	-41.20	-15.34
2462MHz	Pass	1G	2.31G	PK	2.31G	2.40	-51.67	-51.67	-49.27	-21.20	-28.07
2462MHz	Pass	2.31G	2.39G	PK	2.38888G	2.40	-48.41	-48.41	-46.01	-21.20	-24.81
2462MHz	Pass	2.4835G	2.5G	PK	2.48357G	2.40	-30.83	-30.83	-28.43	-21.20	-7.23
2462MHz	Pass	2.5G	3.1G	PK	2.5657G	2.40	-48.31	-48.31	-45.91	-21.20	-24.71
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	1G	2.31G	AV	2.31G	2.40	-59.74	-59.74	-57.34	-41.20	-16.14
2437MHz	Pass	2.31G	2.39G	AV	2.38868G	2.40	-55.32	-55.32	-52.92	-41.20	-11.72
2437MHz	Pass	2.4835G	2.5G	AV	2.48394G	2.40	-55.21	-55.21	-52.81	-41.20	-11.61
2437MHz	Pass	2.5G	3.1G	AV	2.5084G	2.40	-57.44	-57.44	-55.04	-41.20	-13.84
2437MHz	Pass	1G	2.31G	PK	2.31G	2.40	-51.58	-51.58	-49.18	-21.20	-27.98
2437MHz	Pass	2.31G	2.39G	PK	2.38504G	2.40	-41.76	-41.76	-39.36	-21.20	-18.16
2437MHz	Pass	2.4835G	2.5G	PK	2.48833G	2.40	-42.08	-42.08	-39.68	-21.20	-18.48
2437MHz	Pass	2.5G	3.1G	PK	2.5309G	2.40	-46.63	-46.63	-44.23	-21.20	-23.03
802.11ax HEW20_RU52_Index40_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.40	-60.73	-60.73	-58.33	-41.20	-17.13
2412MHz	Pass	2.31G	2.39G	AV	2.38876G	2.40	-51.80	-51.80	-49.40	-41.20	-8.20
2412MHz	Pass	2.4835G	2.5G	AV	2.49564G	2.40	-59.20	-59.20	-56.80	-41.20	-15.60
2412MHz	Pass	2.5G	3.1G	AV	2.5G	2.40	-59.67	-59.67	-57.27	-41.20	-16.07
2412MHz	Pass	1G	2.31G	PK	2.31G	2.40	-53.87	-53.87	-51.47	-21.20	-30.27
2412MHz	Pass	2.31G	2.39G	PK	2.38872G	2.40	-30.71	-30.71	-28.31	-21.20	-7.11
2412MHz	Pass	2.4835G	2.5G	PK	2.484G	2.40	-47.62	-47.62	-45.22	-21.20	-24.02
2412MHz	Pass	2.5G	3.1G	PK	2.5057G	2.40	-49.72	-49.72	-47.32	-21.20	-26.12
2462MHz	Pass	1G	2.31G	AV	2.31G	2.40	-61.56	-61.56	-59.16	-41.20	-17.96
2462MHz	Pass	2.31G	2.39G	AV	2.38896G	2.40	-59.22	-59.22	-56.82	-41.20	-15.62
2462MHz	Pass	2.4835G	2.5G	AV	2.48363G	2.40	-55.66	-55.66	-53.26	-41.20	-12.06
2462MHz	Pass	2.5G	3.1G	AV	2.5012G	2.40	-58.72	-58.72	-56.32	-41.20	-15.12
2462MHz	Pass	1G	2.31G	PK	2.31G	2.40	-53.29	-53.29	-50.89	-21.20	-29.69
2462MHz	Pass	2.31G	2.39G	PK	2.37972G	2.40	-48.32	-48.32	-45.92	-21.20	-24.72
2462MHz	Pass	2.4835G	2.5G	PK	2.48361G	2.40	-30.83	-30.83	-28.43	-21.20	-7.23
2462MHz	Pass	2.5G	3.1G	PK	2.5042G	2.40	-48.70	-48.70	-46.30	-21.20	-25.10
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.40	-60.47	-60.47	-58.07	-41.20	-16.87
2412MHz	Pass	2.31G	2.39G	AV	2.38956G	2.40	-54.46	-54.46	-52.06	-41.20	-10.86

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2412MHz	Pass	2.4835G	2.5G	AV	2.4842G	2.40	-58.81	-58.81	-56.41	-41.20	-15.21
2412MHz	Pass	2.5G	3.1G	AV	2.5036G	2.40	-59.65	-59.65	-57.25	-41.20	-16.05
2412MHz	Pass	1G	2.31G	PK	2.31G	2.40	-51.31	-51.31	-48.91	-21.20	-27.71
2412MHz	Pass	2.31G	2.39G	PK	2.38948G	2.40	-37.20	-37.20	-34.80	-21.20	-13.60
2412MHz	Pass	2.4835G	2.5G	PK	2.48932G	2.40	-47.30	-47.30	-44.90	-21.20	-23.70
2412MHz	Pass	2.5G	3.1G	PK	2.5438G	2.40	-49.72	-49.72	-47.32	-21.20	-26.12
2437MHz	Pass	1G	2.31G	AV	2.31G	2.40	-59.50	-59.50	-57.10	-41.20	-15.90
2437MHz	Pass	2.31G	2.39G	AV	2.38952G	2.40	-53.44	-53.44	-51.04	-41.20	-9.84
2437MHz	Pass	2.4835G	2.5G	AV	2.48355G	2.40	-53.85	-53.85	-51.45	-41.20	-10.25
2437MHz	Pass	2.5G	3.1G	AV	2.5006G	2.40	-57.10	-57.10	-54.70	-41.20	-13.50
2437MHz	Pass	1G	2.31G	PK	2.31G	2.40	-51.31	-51.31	-48.91	-21.20	-27.71
2437MHz	Pass	2.31G	2.39G	PK	2.3834G	2.40	-34.59	-34.59	-32.19	-21.20	-10.99
2437MHz	Pass	2.4835G	2.5G	PK	2.48364G	2.40	-35.41	-35.41	-33.01	-21.20	-11.81
2437MHz	Pass	2.5G	3.1G	PK	2.5099G	2.40	-46.73	-46.73	-44.33	-21.20	-23.13
2462MHz	Pass	1G	2.31G	AV	2.31G	2.40	-61.00	-61.00	-58.60	-41.20	-17.40
2462MHz	Pass	2.31G	2.39G	AV	2.38008G	2.40	-59.26	-59.26	-56.86	-41.20	-15.66
2462MHz	Pass	2.4835G	2.5G	AV	2.48367G	2.40	-55.66	-55.66	-53.26	-41.20	-12.06
2462MHz	Pass	2.5G	3.1G	AV	2.5003G	2.40	-58.29	-58.29	-55.89	-41.20	-14.69
2462MHz	Pass	1G	2.31G	PK	2.31G	2.40	-53.52	-53.52	-51.12	-21.20	-29.92
2462MHz	Pass	2.31G	2.39G	PK	2.37956G	2.40	-47.56	-47.56	-45.16	-21.20	-23.96
2462MHz	Pass	2.4835G	2.5G	PK	2.48403G	2.40	-41.72	-41.72	-39.32	-21.20	-18.12
2462MHz	Pass	2.5G	3.1G	PK	2.5006G	2.40	-49.15	-49.15	-46.75	-21.20	-25.55
802.11ax HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.40	-60.47	-60.47	-58.07	-41.20	-16.87
2412MHz	Pass	2.31G	2.39G	AV	2.38996G	2.40	-53.80	-53.80	-51.40	-41.20	-10.20
2412MHz	Pass	2.4835G	2.5G	AV	2.49489G	2.40	-58.99	-58.99	-56.59	-41.20	-15.39
2412MHz	Pass	2.5G	3.1G	AV	2.5555G	2.40	-59.63	-59.63	-57.23	-41.20	-16.03
2412MHz	Pass	1G	2.31G	PK	2.31G	2.40	-53.87	-53.87	-51.47	-21.20	-30.27
2412MHz	Pass	2.31G	2.39G	PK	2.38916G	2.40	-37.97	-37.97	-35.57	-21.20	-14.37
2412MHz	Pass	2.4835G	2.5G	PK	2.48632G	2.40	-47.37	-47.37	-44.97	-21.20	-23.77
2412MHz	Pass	2.5G	3.1G	PK	2.5051G	2.40	-49.27	-49.27	-46.87	-21.20	-25.67
2462MHz	Pass	1G	2.31G	AV	2.31G	2.40	-60.73	-60.73	-58.33	-41.20	-17.13
2462MHz	Pass	2.31G	2.39G	AV	2.39G	2.40	-59.22	-59.22	-56.82	-41.20	-15.62
2462MHz	Pass	2.4835G	2.5G	AV	2.48358G	2.40	-54.92	-54.92	-52.52	-41.20	-11.32
2462MHz	Pass	2.5G	3.1G	AV	2.5G	2.40	-58.73	-58.73	-56.33	-41.20	-15.13
2462MHz	Pass	1G	2.31G	PK	2.31G	2.40	-53.07	-53.07	-50.67	-21.20	-29.47
2462MHz	Pass	2.31G	2.39G	PK	2.377G	2.40	-48.74	-48.74	-46.34	-21.20	-25.14
2462MHz	Pass	2.4835G	2.5G	PK	2.48476G	2.40	-39.79	-39.79	-37.39	-21.20	-16.19
2462MHz	Pass	2.5G	3.1G	PK	2.5558G	2.40	-47.89	-47.89	-45.49	-21.20	-24.29

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

2.4-2.4835GHz_802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

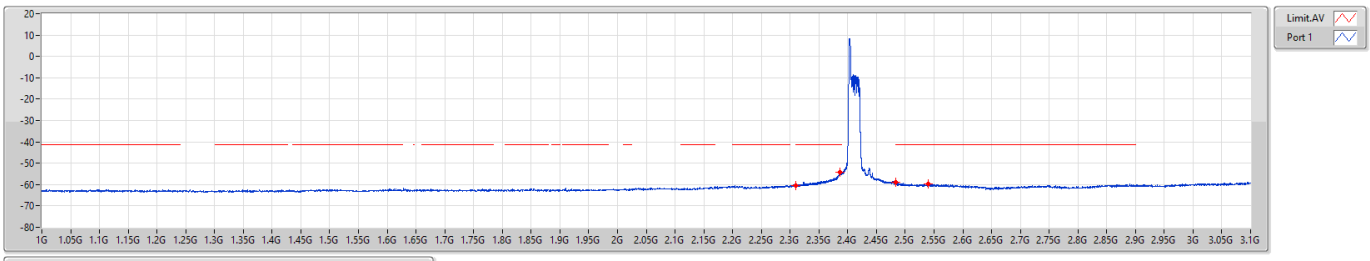
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-54.75	-54.75
2.31G	2.39G	1M	PK	2.38332G	-36.90	-36.90
2.4835G	2.5G	1M	PK	2.48724G	-47.36	-47.36
2.5G	3.1G	1M	PK	2.5075G	-47.75	-47.75

2.4-2.4835GHz_802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

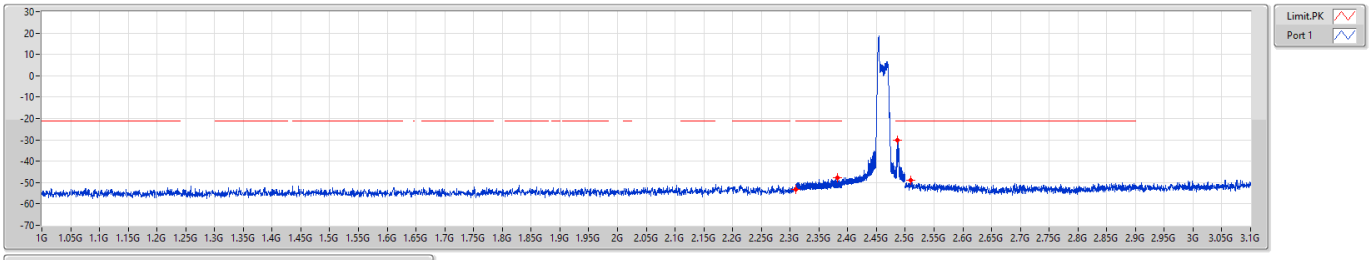
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-60.47	-60.47
2.31G	2.39G	1M	AV	2.38716G	-54.34	-54.34
2.4835G	2.5G	1M	AV	2.48363G	-59.03	-59.03
2.5G	3.1G	1M	AV	2.5405G	-59.76	-59.76

2.4-2.4835GHz_802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

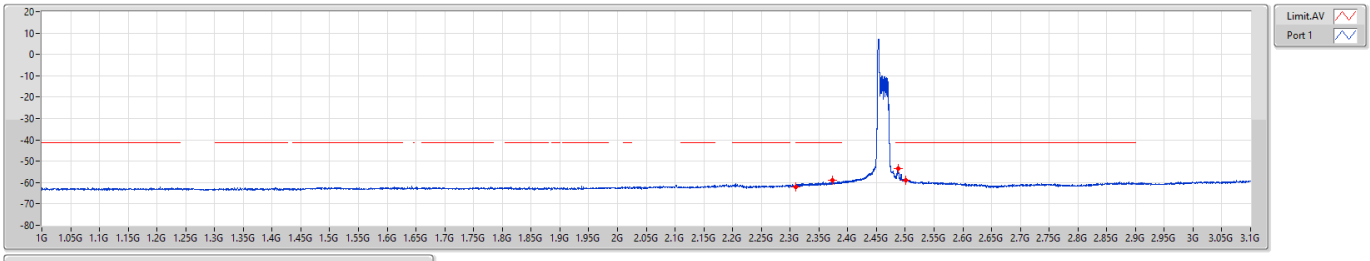
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-53.18	-53.18
2.31G	2.39G	1M	PK	2.3822G	-47.61	-47.61
2.4835G	2.5G	1M	PK	2.48675G	-30.09	-30.09
2.5G	3.1G	1M	PK	2.5093G	-48.95	-48.95

2.4-2.4835GHz_802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

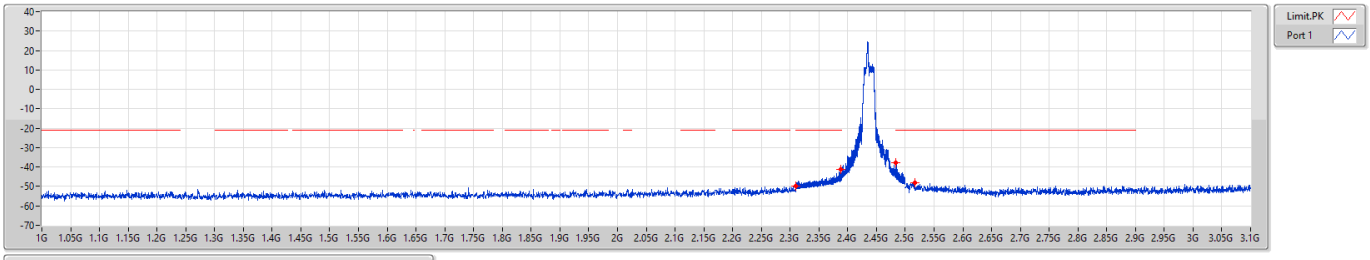
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-61.85	-61.85
2.31G	2.39G	1M	AV	2.373G	-59.06	-59.06
2.4835G	2.5G	1M	AV	2.48742G	-53.59	-53.59
2.5G	3.1G	1M	AV	2.5009G	-58.72	-58.72

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

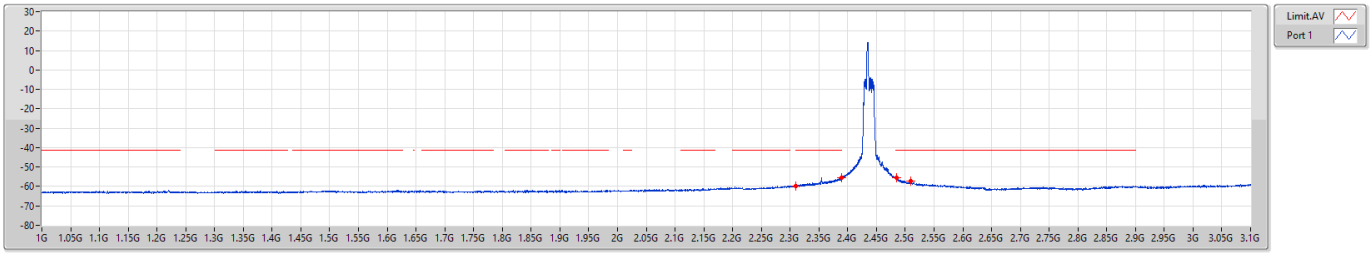
2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-49.63	-49.63
2.31G	2.39G	1M	PK	2.38828G	-41.35	-41.35
2.4835G	2.5G	1M	PK	2.48413G	-37.60	-37.60
2.5G	3.1G	1M	PK	2.5168G	-48.23	-48.23

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

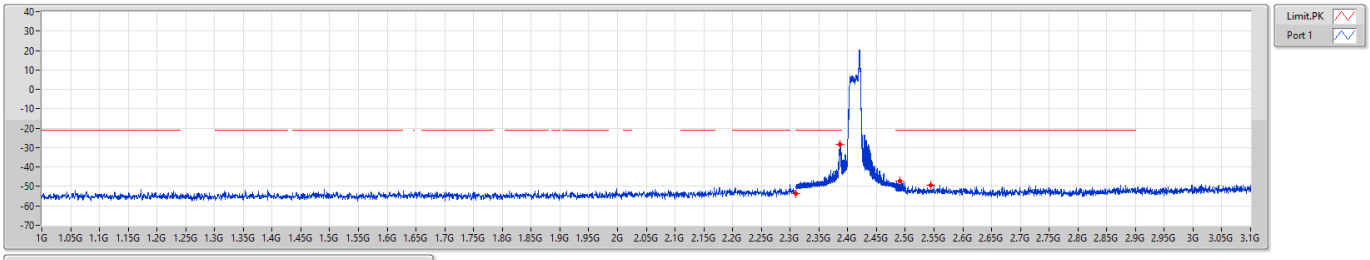
2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-59.74	-59.74
2.31G	2.39G	1M	AV	2.3896G	-55.47	-55.47
2.4835G	2.5G	1M	AV	2.48422G	-55.67	-55.67
2.5G	3.1G	1M	AV	2.5099G	-57.43	-57.43

2.4-2.4835GHz_802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

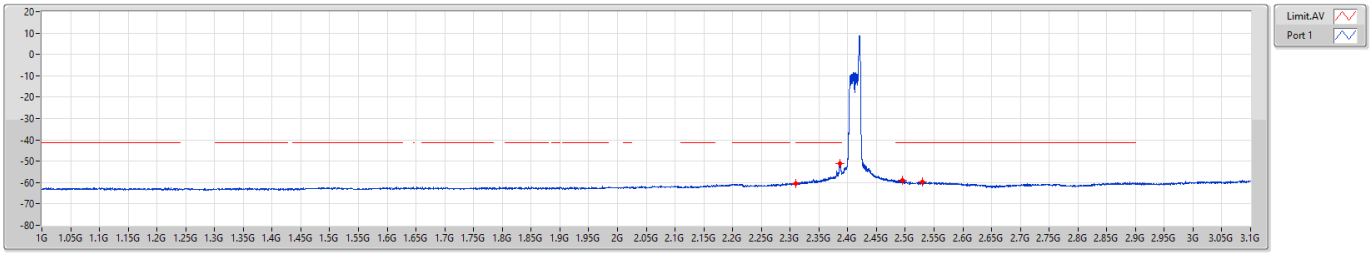
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-53.52	-53.52
2.31G	2.39G	1M	PK	2.3872G	-28.13	-28.13
2.4835G	2.5G	1M	PK	2.49032G	-47.06	-47.06
2.5G	3.1G	1M	PK	2.5444G	-49.47	-49.47

2.4-2.4835GHz_802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

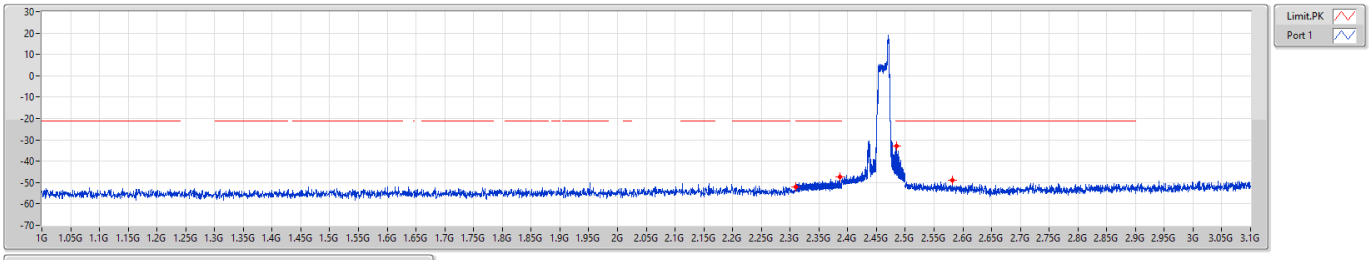
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-60.47	-60.47
2.31G	2.39G	1M	AV	2.38696G	-50.95	-50.95
2.4835G	2.5G	1M	AV	2.49538G	-58.97	-58.97
2.5G	3.1G	1M	AV	2.5294G	-59.62	-59.62

2.4-2.4835GHz_802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

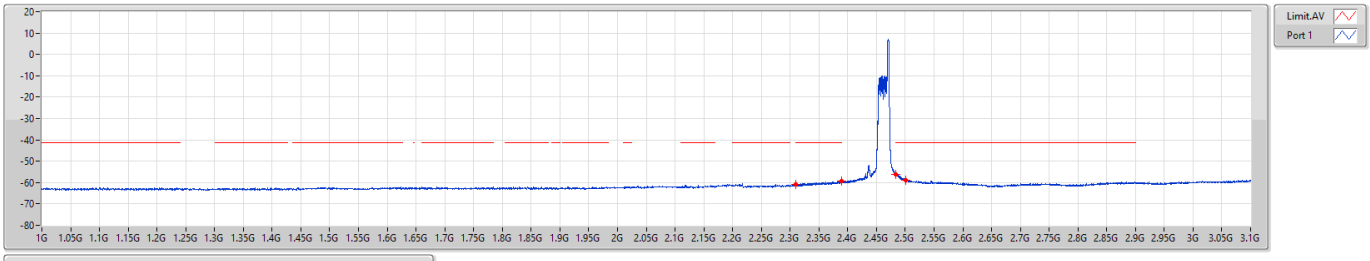
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-52.05	-52.05
2.31G	2.39G	1M	PK	2.3858G	-47.35	-47.35
2.4835G	2.5G	1M	PK	2.48523G	-33.05	-33.05
2.5G	3.1G	1M	PK	2.5819G	-49.06	-49.06

2.4-2.4835GHz_802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

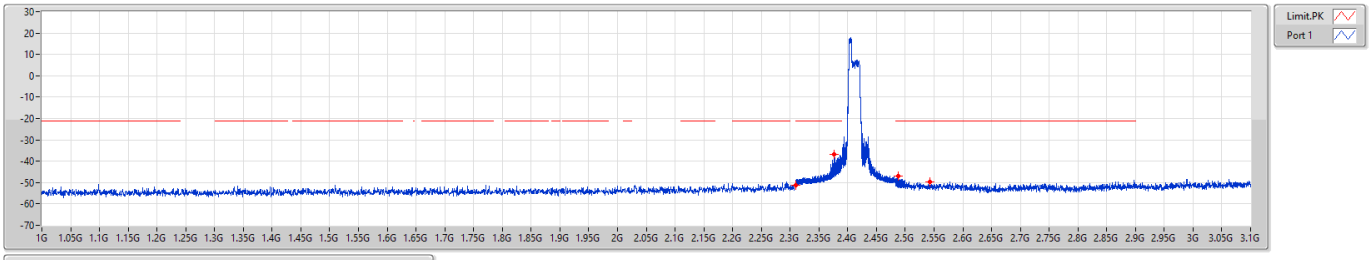
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-61.00	-61.00
2.31G	2.39G	1M	AV	2.3896G	-59.22	-59.22
2.4835G	2.5G	1M	AV	2.48382G	-55.98	-55.98
2.5G	3.1G	1M	AV	2.5003G	-58.73	-58.73

2.4-2.4835GHz_802.11ax HEW20_RU52_Index37_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

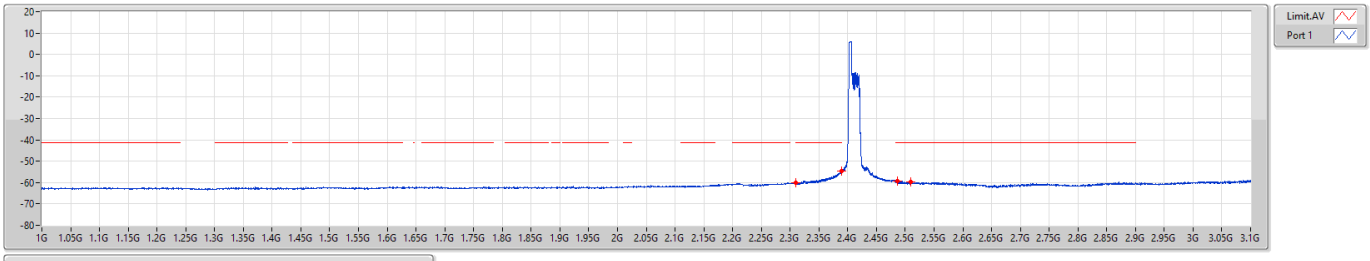
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-51.22	-51.22
2.31G	2.39G	1M	PK	2.3766G	-36.80	-36.80
2.4835G	2.5G	1M	PK	2.48829G	-46.95	-46.95
2.5G	3.1G	1M	PK	2.5435G	-49.80	-49.80

2.4-2.4835GHz_802.11ax HEW20_RU52_Index37_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

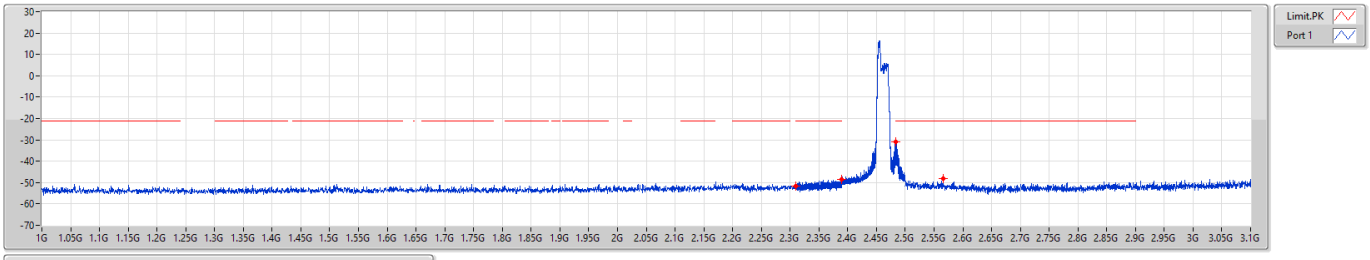
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-60.22	-60.22
2.31G	2.39G	1M	AV	2.38964G	-54.46	-54.46
2.4835G	2.5G	1M	AV	2.48607G	-59.25	-59.25
2.5G	3.1G	1M	AV	2.5093G	-59.62	-59.62

2.4-2.4835GHz_802.11ax HEW20_RU52_Index37_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

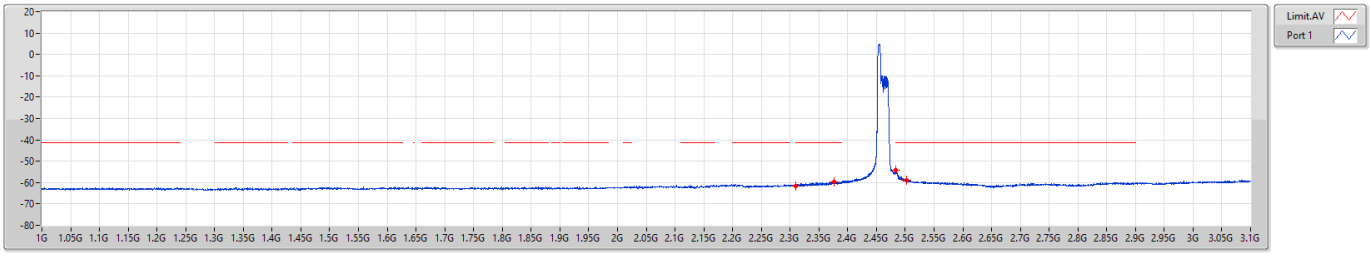
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-51.67	-51.67
2.31G	2.39G	1M	PK	2.38888G	-48.41	-48.41
2.4835G	2.5G	1M	PK	2.48357G	-30.83	-30.83
2.5G	3.1G	1M	PK	2.5657G	-48.31	-48.31

2.4-2.4835GHz_802.11ax HEW20_RU52_Index37_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

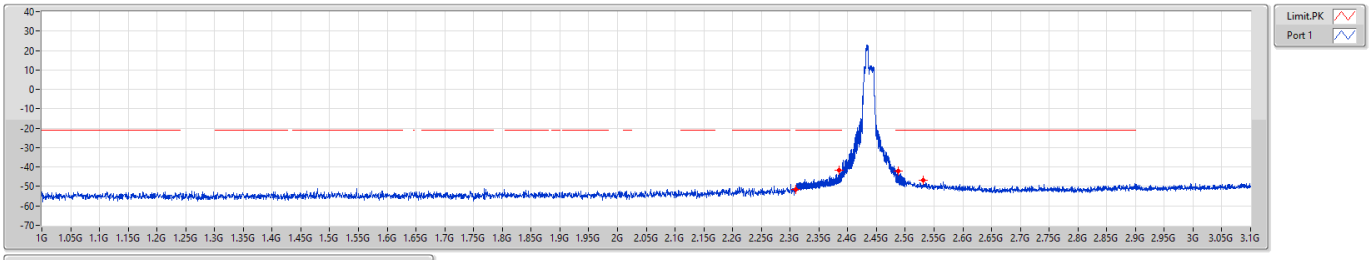
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-61.56	-61.56
2.31G	2.39G	1M	AV	2.37632G	-59.52	-59.52
2.4835G	2.5G	1M	AV	2.48402G	-54.37	-54.37
2.5G	3.1G	1M	AV	2.5021G	-58.94	-58.94

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

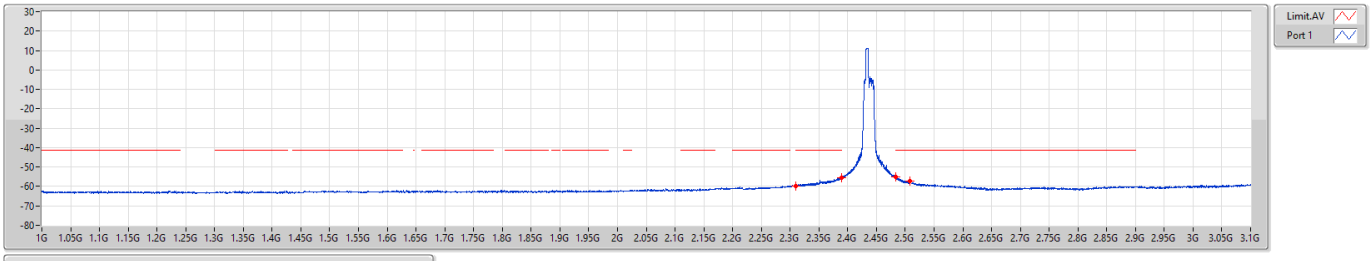
2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-51.58	-51.58
2.31G	2.39G	1M	PK	2.38504G	-41.76	-41.76
2.4835G	2.5G	1M	PK	2.48833G	-42.08	-42.08
2.5G	3.1G	1M	PK	2.5309G	-46.63	-46.63

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

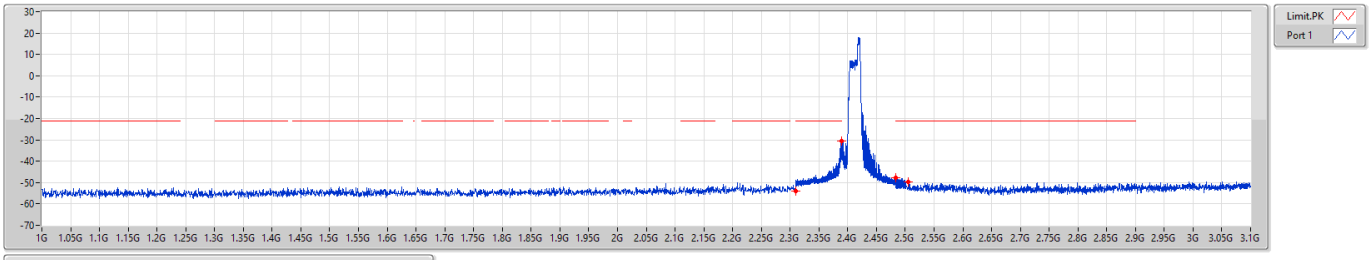
2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-59.74	-59.74
2.31G	2.39G	1M	AV	2.38868G	-55.32	-55.32
2.4835G	2.5G	1M	AV	2.48394G	-55.21	-55.21
2.5G	3.1G	1M	AV	2.5084G	-57.44	-57.44

2.4-2.4835GHz_802.11ax HEW20_RU52_Index40_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

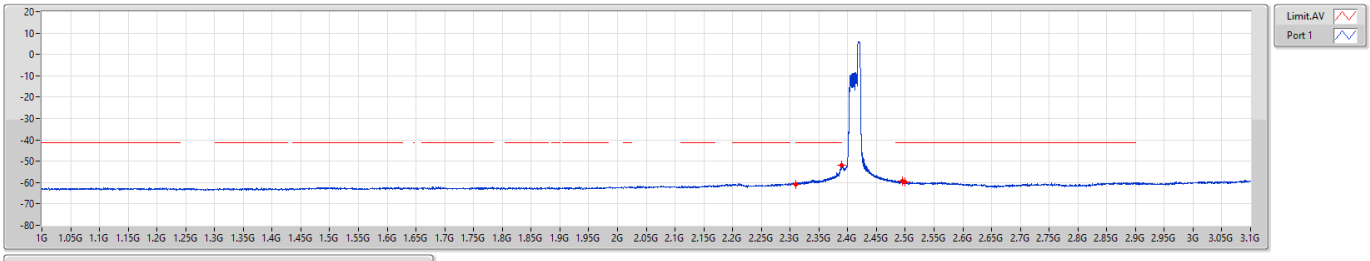
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-53.87	-53.87
2.31G	2.39G	1M	PK	2.38872G	-30.71	-30.71
2.4835G	2.5G	1M	PK	2.484G	-47.62	-47.62
2.5G	3.1G	1M	PK	2.5057G	-49.72	-49.72

2.4-2.4835GHz_802.11ax HEW20_RU52_Index40_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

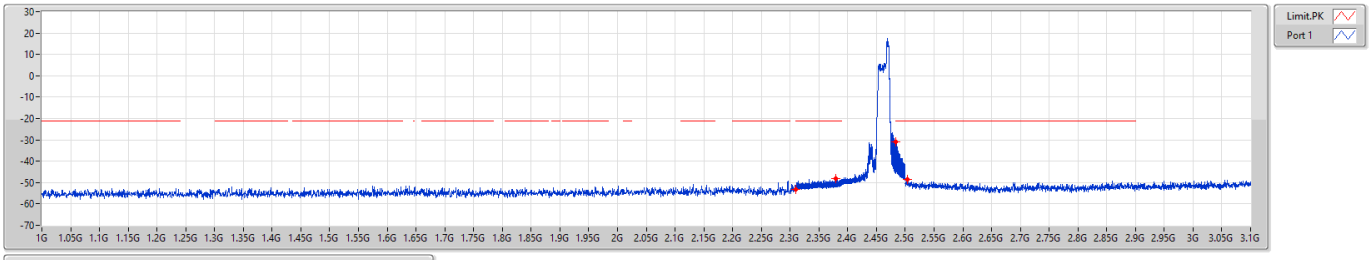
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-60.73	-60.73
2.31G	2.39G	1M	AV	2.38876G	-51.80	-51.80
2.4835G	2.5G	1M	AV	2.49564G	-59.20	-59.20
2.5G	3.1G	1M	AV	2.5G	-59.67	-59.67

2.4-2.4835GHz_802.11ax HEW20_RU52_Index40_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

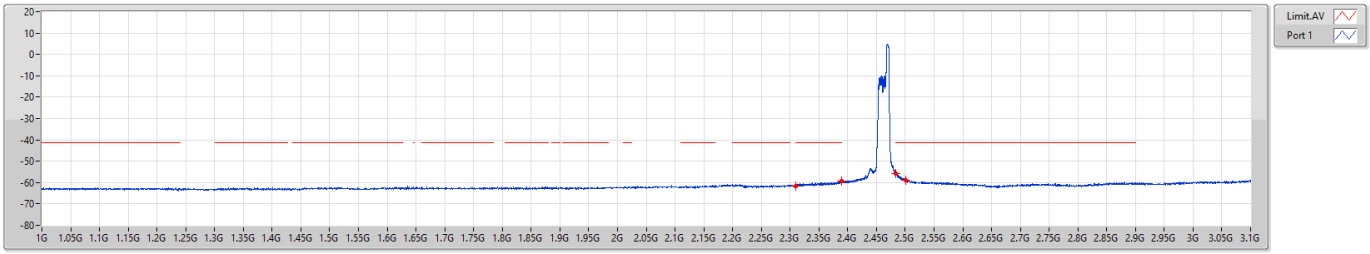
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-53.29	-53.29
2.31G	2.39G	1M	PK	2.37972G	-48.32	-48.32
2.4835G	2.5G	1M	PK	2.48361G	-30.83	-30.83
2.5G	3.1G	1M	PK	2.5042G	-48.70	-48.70

2.4-2.4835GHz_802.11ax HEW20_RU52_Index40_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

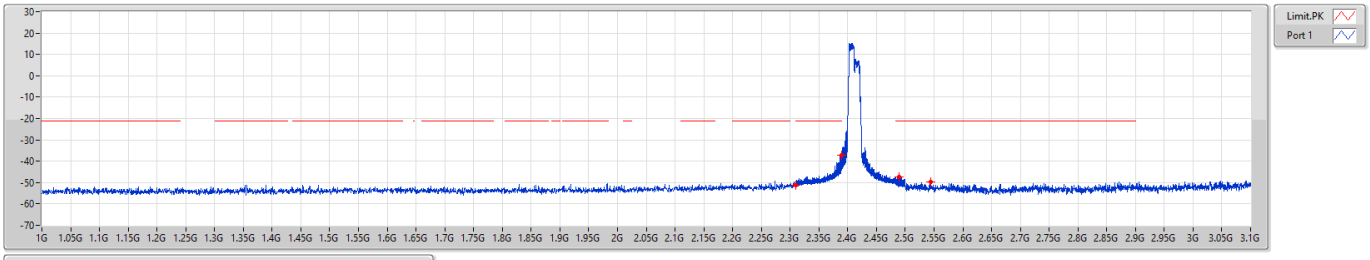
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-61.56	-61.56
2.31G	2.39G	1M	AV	2.38896G	-59.22	-59.22
2.4835G	2.5G	1M	AV	2.48363G	-55.66	-55.66
2.5G	3.1G	1M	AV	2.5012G	-58.72	-58.72

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

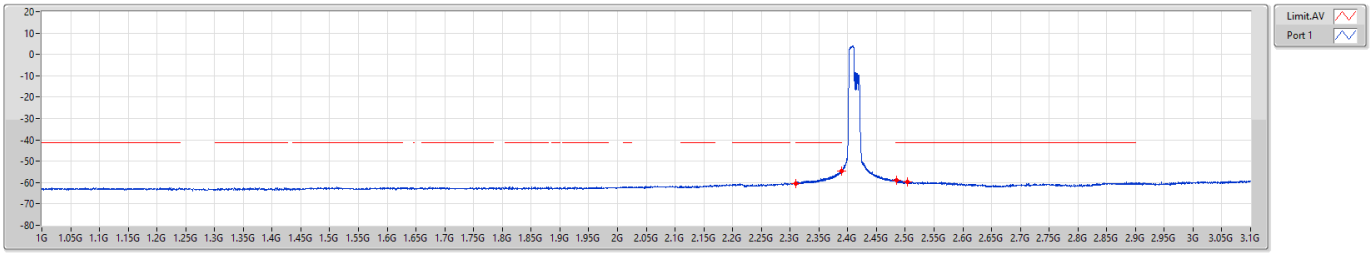
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-51.31	-51.31
2.31G	2.39G	1M	PK	2.38948G	-37.20	-37.20
2.4835G	2.5G	1M	PK	2.48932G	-47.30	-47.30
2.5G	3.1G	1M	PK	2.5438G	-49.72	-49.72

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

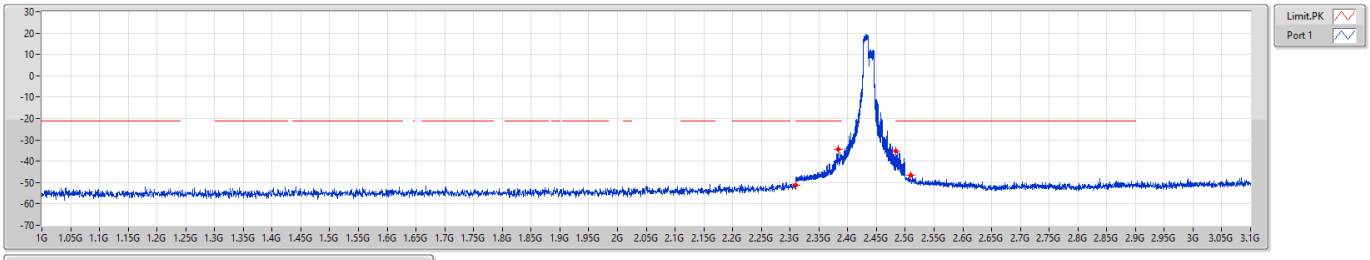
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-60.47	-60.47
2.31G	2.39G	1M	AV	2.38956G	-54.46	-54.46
2.4835G	2.5G	1M	AV	2.4842G	-58.81	-58.81
2.5G	3.1G	1M	AV	2.5036G	-59.65	-59.65

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

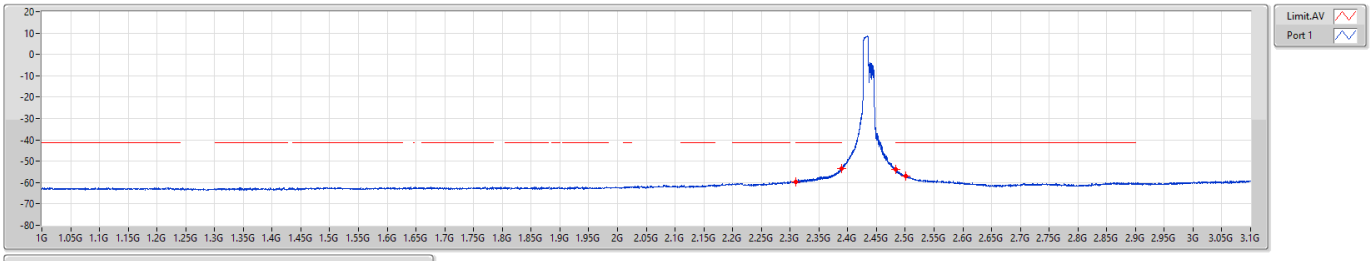
2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-51.31	-51.31
2.31G	2.39G	1M	PK	2.3834G	-34.59	-34.59
2.4835G	2.5G	1M	PK	2.48364G	-35.41	-35.41
2.5G	3.1G	1M	PK	2.5099G	-46.73	-46.73

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

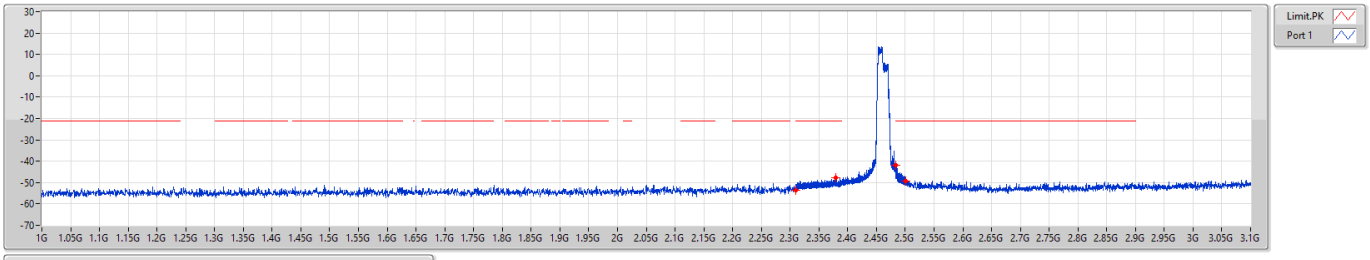
2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-59.50	-59.50
2.31G	2.39G	1M	AV	2.38952G	-53.44	-53.44
2.4835G	2.5G	1M	AV	2.48355G	-53.85	-53.85
2.5G	3.1G	1M	AV	2.5006G	-57.10	-57.10

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

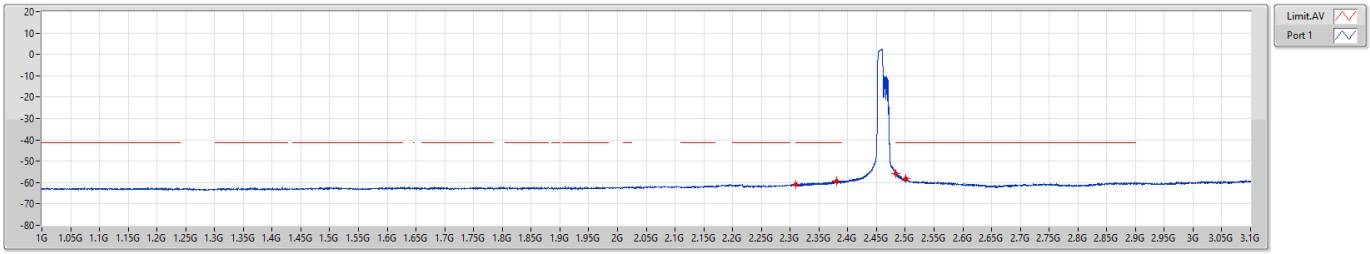
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-53.52	-53.52
2.31G	2.39G	1M	PK	2.37956G	-47.56	-47.56
2.4835G	2.5G	1M	PK	2.48403G	-41.72	-41.72
2.5G	3.1G	1M	PK	2.5006G	-49.15	-49.15

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

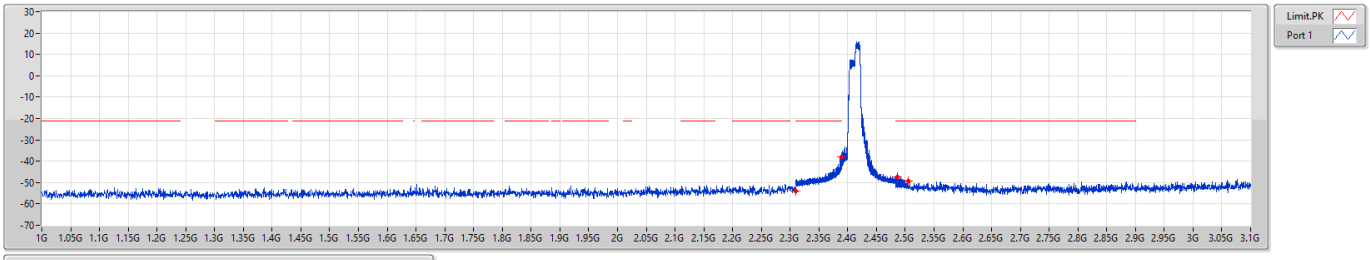
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-61.00	-61.00
2.31G	2.39G	1M	AV	2.38008G	-59.26	-59.26
2.4835G	2.5G	1M	AV	2.48367G	-55.66	-55.66
2.5G	3.1G	1M	AV	2.5003G	-58.29	-58.29

2.4-2.4835GHz_802.11ax HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

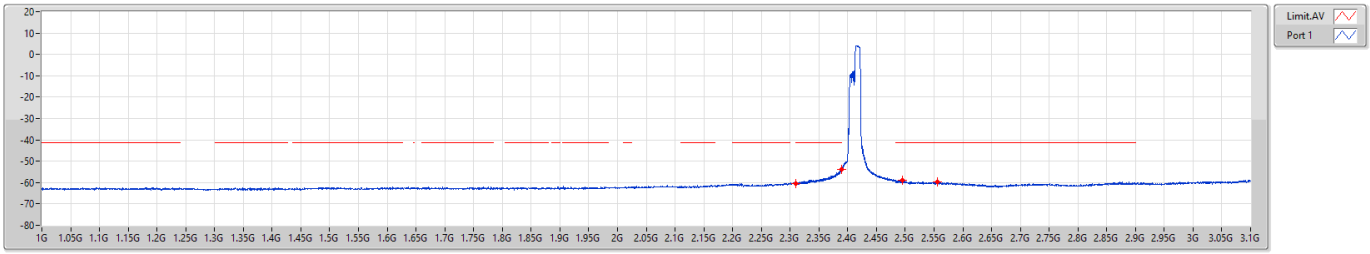
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-53.87	-53.87
2.31G	2.39G	1M	PK	2.38916G	-37.97	-37.97
2.4835G	2.5G	1M	PK	2.48632G	-47.37	-47.37
2.5G	3.1G	1M	PK	2.5051G	-49.27	-49.27

2.4-2.4835GHz_802.11ax HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

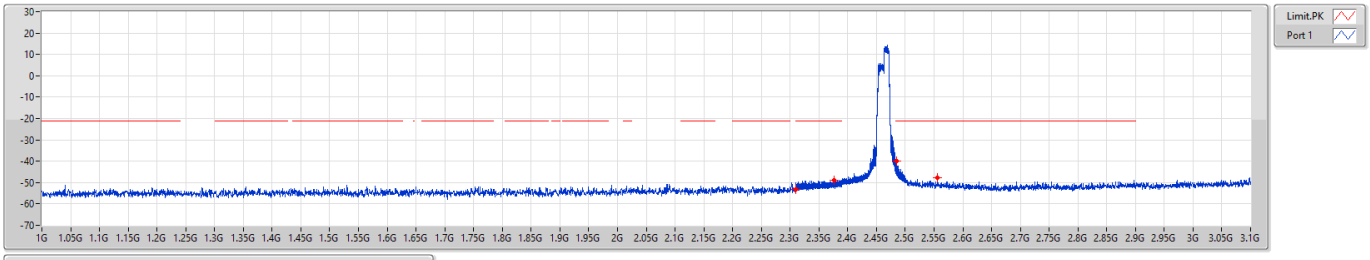
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-60.47	-60.47
2.31G	2.39G	1M	AV	2.38996G	-53.80	-53.80
2.4835G	2.5G	1M	AV	2.49489G	-58.99	-58.99
2.5G	3.1G	1M	AV	2.5555G	-59.63	-59.63

2.4-2.4835GHz_802.11ax HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

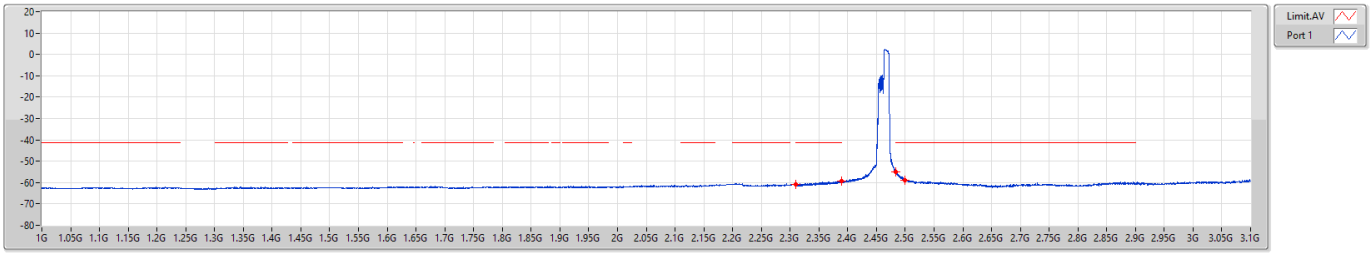
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-53.07	-53.07
2.31G	2.39G	1M	PK	2.377G	-48.74	-48.74
2.4835G	2.5G	1M	PK	2.48476G	-39.79	-39.79
2.5G	3.1G	1M	PK	2.5558G	-47.89	-47.89

2.4-2.4835GHz_802.11ax HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-60.73	-60.73
2.31G	2.39G	1M	AV	2.39G	-59.22	-59.22
2.4835G	2.5G	1M	AV	2.48358G	-54.92	-54.92
2.5G	3.1G	1M	AV	2.5G	-58.73	-58.73

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	Pass	7G	8G	AV	7.3035G	2.40	-52.73	-52.73	-50.33	-41.20	-9.13
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	Pass	7G	8G	AV	7.3015G	2.40	-55.59	-55.59	-53.19	-41.20	-11.99
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	Pass	7G	8G	AV	7.294G	2.40	-57.62	-57.62	-55.22	-41.20	-14.02

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

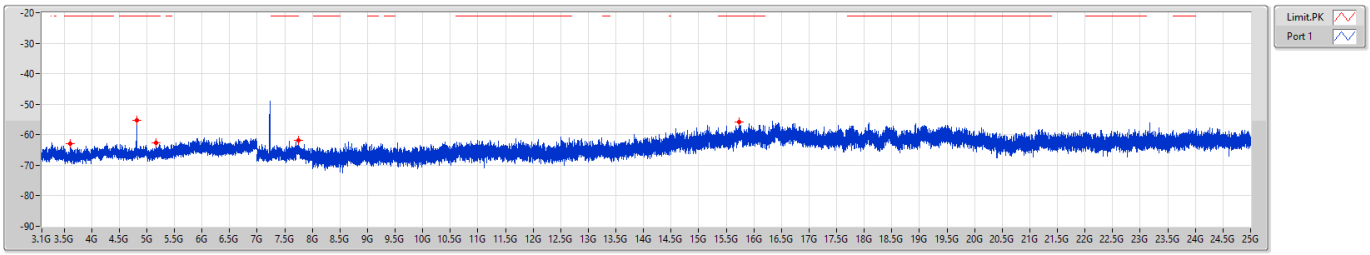
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3.1G	4G	AV	3.61795G	2.40	-66.66	-66.66	-64.26	-41.20	-23.06
2412MHz	Pass	4G	5G	AV	4.824G	2.40	-58.94	-58.94	-56.54	-41.20	-15.34
2412MHz	Pass	5G	7G	AV	5.4385G	2.40	-73.00	-73.00	-70.60	-41.20	-29.40
2412MHz	Pass	7G	8G	AV	7.7385G	2.40	-72.22	-72.22	-69.82	-41.20	-28.62
2412MHz	Pass	8G	25G	AV	15.75147G	2.40	-65.45	-65.45	-63.05	-41.20	-21.85
2412MHz	Pass	3.1G	4G	PK	3.61795G	2.40	-63.00	-63.00	-60.60	-21.20	-39.40
2412MHz	Pass	4G	5G	PK	4.8205G	2.40	-55.15	-55.15	-52.75	-21.20	-31.55
2412MHz	Pass	5G	7G	PK	5.1735G	2.40	-62.61	-62.61	-60.21	-21.20	-39.01
2412MHz	Pass	7G	8G	PK	7.7475G	2.40	-61.96	-61.96	-59.56	-21.20	-38.36
2412MHz	Pass	8G	25G	PK	15.73553G	2.40	-55.89	-55.89	-53.49	-21.20	-32.29
2437MHz	Pass	3.1G	4G	AV	3.6553G	2.40	-66.18	-66.18	-63.78	-41.20	-22.58
2437MHz	Pass	4G	5G	AV	4.874G	2.40	-58.86	-58.86	-56.46	-41.20	-15.26
2437MHz	Pass	5G	7G	AV	5.245G	2.40	-72.68	-72.68	-70.28	-41.20	-29.08
2437MHz	Pass	7G	8G	AV	7.3035G	2.40	-52.73	-52.73	-50.33	-41.20	-9.13
2437MHz	Pass	8G	25G	AV	19.07763G	2.40	-65.38	-65.38	-62.98	-41.20	-21.78
2437MHz	Pass	3.1G	4G	PK	3.6418G	2.40	-63.67	-63.67	-61.27	-21.20	-40.07
2437MHz	Pass	4G	5G	PK	4.8695G	2.40	-52.94	-52.94	-50.54	-21.20	-29.34
2437MHz	Pass	5G	7G	PK	5.2465G	2.40	-62.75	-62.75	-60.35	-21.20	-39.15
2437MHz	Pass	7G	8G	PK	7.3035G	2.40	-38.40	-38.40	-36.00	-21.20	-14.80
2437MHz	Pass	8G	25G	PK	15.63034G	2.40	-55.78	-55.78	-53.38	-21.20	-32.18
2462MHz	Pass	3.1G	4G	AV	3.6931G	2.40	-66.52	-66.52	-64.12	-41.20	-22.92
2462MHz	Pass	4G	5G	AV	4.924G	2.40	-58.58	-58.58	-56.18	-41.20	-14.98
2462MHz	Pass	5G	7G	AV	5.2355G	2.40	-72.90	-72.90	-70.50	-41.20	-29.30
2462MHz	Pass	7G	8G	AV	7.379G	2.40	-70.37	-70.37	-67.97	-41.20	-26.77
2462MHz	Pass	8G	25G	AV	19.42294G	2.40	-65.15	-65.15	-62.75	-41.20	-21.55
2462MHz	Pass	3.1G	4G	PK	3.6931G	2.40	-63.24	-63.24	-60.84	-21.20	-39.64
2462MHz	Pass	4G	5G	PK	4.9245G	2.40	-55.73	-55.73	-53.33	-21.20	-32.13
2462MHz	Pass	5G	7G	PK	5.395G	2.40	-62.71	-62.71	-60.31	-21.20	-39.11
2462MHz	Pass	7G	8G	PK	7.3785G	2.40	-56.57	-56.57	-54.17	-21.20	-32.97
2462MHz	Pass	8G	25G	PK	18.40931G	2.40	-55.16	-55.16	-52.76	-21.20	-31.56
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3.1G	4G	AV	3.61795G	2.40	-66.23	-66.23	-63.83	-41.20	-22.63
2412MHz	Pass	4G	5G	AV	4.824G	2.40	-59.04	-59.04	-56.64	-41.20	-15.44
2412MHz	Pass	5G	7G	AV	5.2495G	2.40	-73.14	-73.14	-70.74	-41.20	-29.54
2412MHz	Pass	7G	8G	AV	7.743G	2.40	-72.34	-72.34	-69.94	-41.20	-28.74
2412MHz	Pass	8G	25G	AV	15.75572G	2.40	-65.30	-65.30	-62.90	-41.20	-21.70
2412MHz	Pass	3.1G	4G	PK	3.6184G	2.40	-61.98	-61.98	-59.58	-21.20	-38.38
2412MHz	Pass	4G	5G	PK	4.824G	2.40	-56.51	-56.51	-54.11	-21.20	-32.91
2412MHz	Pass	5G	7G	PK	5.18G	2.40	-62.30	-62.30	-59.90	-21.20	-38.70
2412MHz	Pass	7G	8G	PK	7.406G	2.40	-62.04	-62.04	-59.64	-21.20	-38.44
2412MHz	Pass	8G	25G	PK	19.06063G	2.40	-55.44	-55.44	-53.04	-21.20	-31.84
2437MHz	Pass	3.1G	4G	AV	3.6553G	2.40	-66.73	-66.73	-64.33	-41.20	-23.13
2437MHz	Pass	4G	5G	AV	4.874G	2.40	-58.86	-58.86	-56.46	-41.20	-15.26
2437MHz	Pass	5G	7G	AV	5.2375G	2.40	-72.96	-72.96	-70.56	-41.20	-29.36
2437MHz	Pass	7G	8G	AV	7.3015G	2.40	-55.59	-55.59	-53.19	-41.20	-11.99

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2437MHz	Pass	8G	25G	AV	19.41391G	2.40	-65.31	-65.31	-62.91	-41.20	-21.71
2437MHz	Pass	3.1G	4G	PK	3.65575G	2.40	-62.56	-62.56	-60.16	-21.20	-38.96
2437MHz	Pass	4G	5G	PK	4.8685G	2.40	-54.70	-54.70	-52.30	-21.20	-31.10
2437MHz	Pass	5G	7G	PK	5.381G	2.40	-62.86	-62.86	-60.46	-21.20	-39.26
2437MHz	Pass	7G	8G	PK	7.3G	2.40	-42.84	-42.84	-40.44	-21.20	-19.24
2437MHz	Pass	8G	25G	PK	19.79216G	2.40	-55.76	-55.76	-53.36	-21.20	-32.16
2462MHz	Pass	3.1G	4G	AV	3.69355G	2.40	-68.62	-68.62	-66.22	-41.20	-25.02
2462MHz	Pass	4G	5G	AV	4.924G	2.40	-58.72	-58.72	-56.32	-41.20	-15.12
2462MHz	Pass	5G	7G	AV	5.3505G	2.40	-72.86	-72.86	-70.46	-41.20	-29.26
2462MHz	Pass	7G	8G	AV	7.376G	2.40	-71.75	-71.75	-69.35	-41.20	-28.15
2462MHz	Pass	8G	25G	AV	19.06328G	2.40	-65.41	-65.41	-63.01	-41.20	-21.81
2462MHz	Pass	3.1G	4G	PK	3.69355G	2.40	-62.38	-62.38	-59.98	-21.20	-38.78
2462MHz	Pass	4G	5G	PK	4.9245G	2.40	-56.51	-56.51	-54.11	-21.20	-32.91
2462MHz	Pass	5G	7G	PK	5.212G	2.40	-62.16	-62.16	-59.76	-21.20	-38.56
2462MHz	Pass	7G	8G	PK	7.3765G	2.40	-59.82	-59.82	-57.42	-21.20	-36.22
2462MHz	Pass	8G	25G	PK	19.0415G	2.40	-55.96	-55.96	-53.56	-21.20	-32.36
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3.1G	4G	AV	3.61795G	2.40	-68.36	-68.36	-65.96	-41.20	-24.76
2412MHz	Pass	4G	5G	AV	4.824G	2.40	-58.84	-58.84	-56.44	-41.20	-15.24
2412MHz	Pass	5G	7G	AV	5.37G	2.40	-73.04	-73.04	-70.64	-41.20	-29.44
2412MHz	Pass	7G	8G	AV	7.744G	2.40	-72.16	-72.16	-69.76	-41.20	-28.56
2412MHz	Pass	8G	25G	AV	19.48988G	2.40	-65.20	-65.20	-62.80	-41.20	-21.60
2412MHz	Pass	3.1G	4G	PK	3.61795G	2.40	-63.00	-63.00	-60.60	-21.20	-39.40
2412MHz	Pass	4G	5G	PK	4.8245G	2.40	-56.40	-56.40	-54.00	-21.20	-32.80
2412MHz	Pass	5G	7G	PK	5.4115G	2.40	-62.17	-62.17	-59.77	-21.20	-38.57
2412MHz	Pass	7G	8G	PK	7.423G	2.40	-62.36	-62.36	-59.96	-21.20	-38.76
2412MHz	Pass	8G	25G	PK	19.37938G	2.40	-55.68	-55.68	-53.28	-21.20	-32.08
2437MHz	Pass	3.1G	4G	AV	3.65575G	2.40	-67.41	-67.41	-65.01	-41.20	-23.81
2437MHz	Pass	4G	5G	AV	4.874G	2.40	-58.64	-58.64	-56.24	-41.20	-15.04
2437MHz	Pass	5G	7G	AV	5.408G	2.40	-72.94	-72.94	-70.54	-41.20	-29.34
2437MHz	Pass	7G	8G	AV	7.294G	2.40	-57.62	-57.62	-55.22	-41.20	-14.02
2437MHz	Pass	8G	25G	AV	19.06966G	2.40	-65.29	-65.29	-62.89	-41.20	-21.69
2437MHz	Pass	3.1G	4G	PK	3.65575G	2.40	-62.23	-62.23	-59.83	-21.20	-38.63
2437MHz	Pass	4G	5G	PK	4.8745G	2.40	-55.46	-55.46	-53.06	-21.20	-31.86
2437MHz	Pass	5G	7G	PK	5.3755G	2.40	-62.17	-62.17	-59.77	-21.20	-38.57
2437MHz	Pass	7G	8G	PK	7.295G	2.40	-45.83	-45.83	-43.43	-21.20	-22.23
2437MHz	Pass	8G	25G	PK	19.47288G	2.40	-55.29	-55.29	-52.89	-21.20	-31.69
2462MHz	Pass	3.1G	4G	AV	3.6931G	2.40	-69.16	-69.16	-66.76	-41.20	-25.56
2462MHz	Pass	4G	5G	AV	4.924G	2.40	-58.48	-58.48	-56.08	-41.20	-14.88
2462MHz	Pass	5G	7G	AV	5.409G	2.40	-72.94	-72.94	-70.54	-41.20	-29.34
2462MHz	Pass	7G	8G	AV	7.369G	2.40	-72.46	-72.46	-70.06	-41.20	-28.86
2462MHz	Pass	8G	25G	AV	15.74669G	2.40	-65.47	-65.47	-63.07	-41.20	-21.87
2462MHz	Pass	3.1G	4G	PK	3.6931G	2.40	-63.61	-63.61	-61.21	-21.20	-40.01
2462MHz	Pass	4G	5G	PK	4.9245G	2.40	-56.29	-56.29	-53.89	-21.20	-32.69
2462MHz	Pass	5G	7G	PK	5.23G	2.40	-63.33	-63.33	-60.93	-21.20	-39.73
2462MHz	Pass	7G	8G	PK	7.3695G	2.40	-62.22	-62.22	-59.82	-21.20	-38.62
2462MHz	Pass	8G	25G	PK	18.404G	2.40	-55.14	-55.14	-52.74	-21.20	-31.54

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

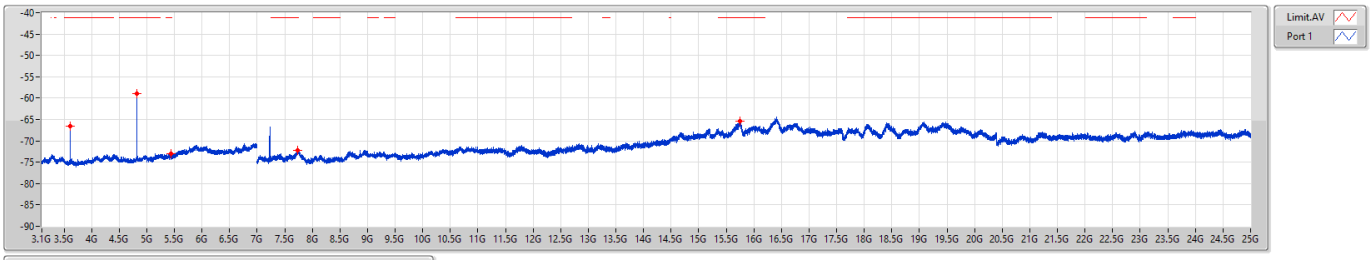
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.61795G	-63.00	-63.00
4G	5G	1M	PK	4.8205G	-55.15	-55.15
5G	7G	1M	PK	5.1735G	-62.61	-62.61
7G	8G	1M	PK	7.7475G	-61.96	-61.96
8G	25G	1M	PK	15.73553G	-55.89	-55.89

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

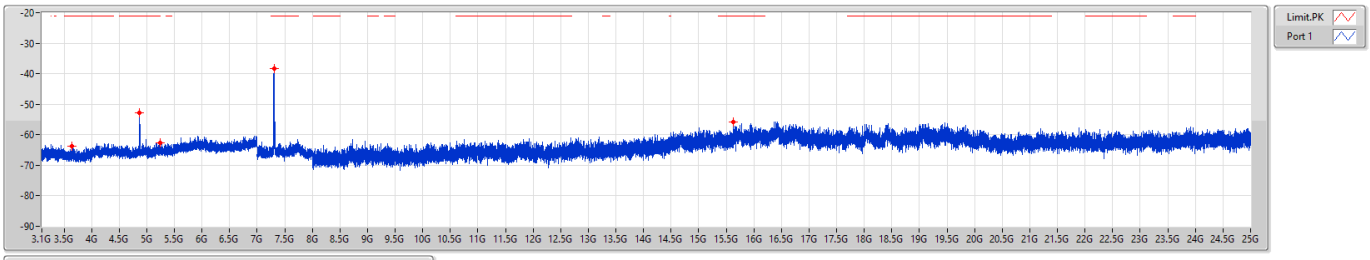
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.61795G	-66.66	-66.66
4G	5G	1M	AV	4.824G	-58.94	-58.94
5G	7G	1M	AV	5.4385G	-73.00	-73.00
7G	8G	1M	AV	7.7385G	-72.22	-72.22
8G	25G	1M	AV	15.75147G	-65.45	-65.45

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

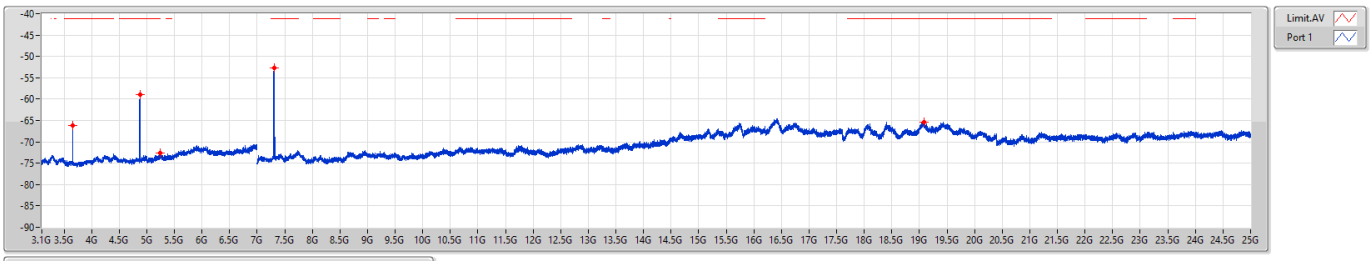
2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.6418G	-63.67	-63.67
4G	5G	1M	PK	4.8695G	-52.94	-52.94
5G	7G	1M	PK	5.2465G	-62.75	-62.75
7G	8G	1M	PK	7.3035G	-38.40	-38.40
8G	25G	1M	PK	15.63034G	-55.78	-55.78

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

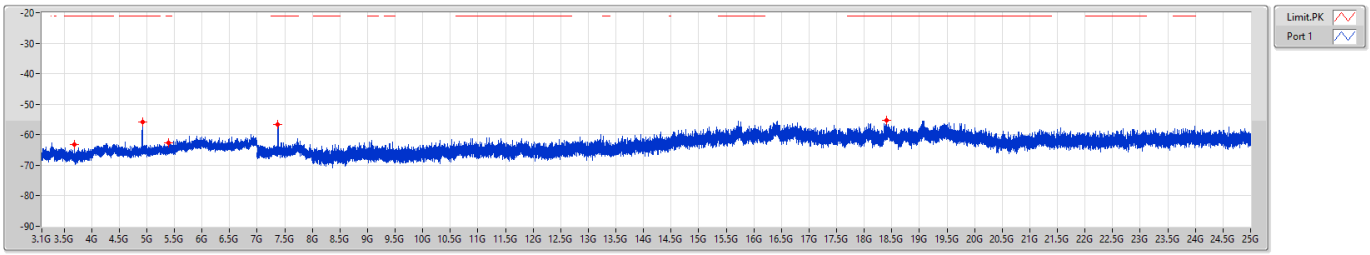
2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.6553G	-66.18	-66.18
4G	5G	1M	AV	4.874G	-58.86	-58.86
5G	7G	1M	AV	5.245G	-72.68	-72.68
7G	8G	1M	AV	7.3035G	-52.73	-52.73
8G	25G	1M	AV	19.07763G	-65.38	-65.38

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

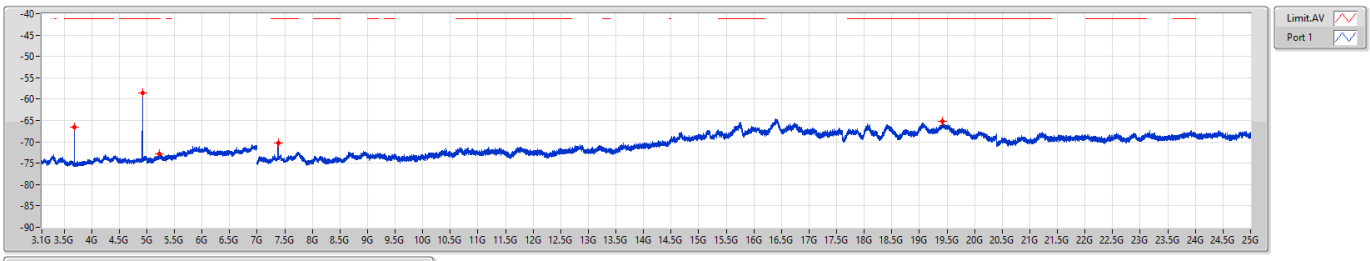
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.6931G	-63.24	-63.24
4G	5G	1M	PK	4.9245G	-55.73	-55.73
5G	7G	1M	PK	5.395G	-62.71	-62.71
7G	8G	1M	PK	7.3785G	-56.57	-56.57
8G	25G	1M	PK	18.40931G	-55.16	-55.16

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

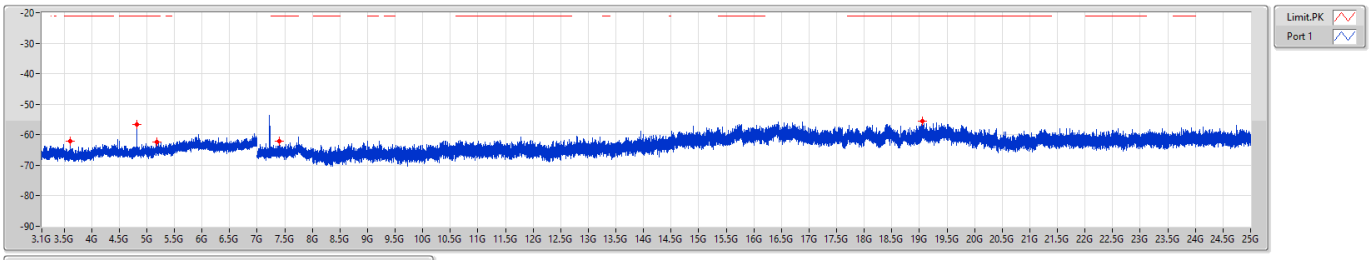
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.6931G	-66.52	-66.52
4G	5G	1M	AV	4.924G	-58.58	-58.58
5G	7G	1M	AV	5.2355G	-72.90	-72.90
7G	8G	1M	AV	7.379G	-70.37	-70.37
8G	25G	1M	AV	19.42294G	-65.15	-65.15

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

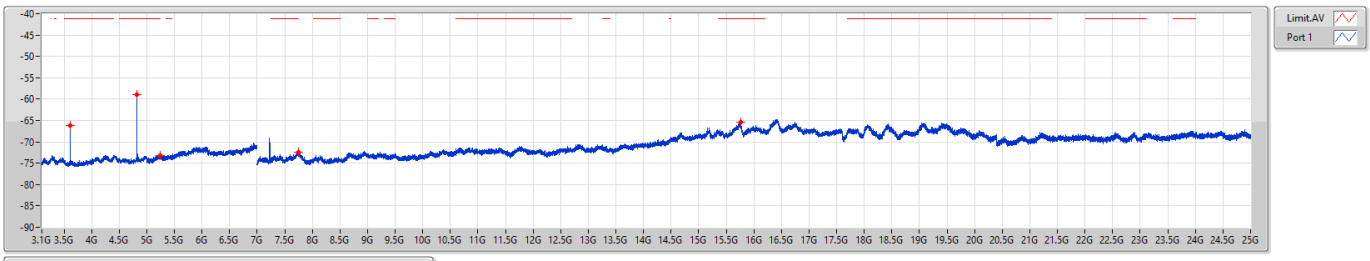
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.6184G	-61.98	-61.98
4G	5G	1M	PK	4.824G	-56.51	-56.51
5G	7G	1M	PK	5.18G	-62.30	-62.30
7G	8G	1M	PK	7.406G	-62.04	-62.04
8G	25G	1M	PK	19.06063G	-55.44	-55.44

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

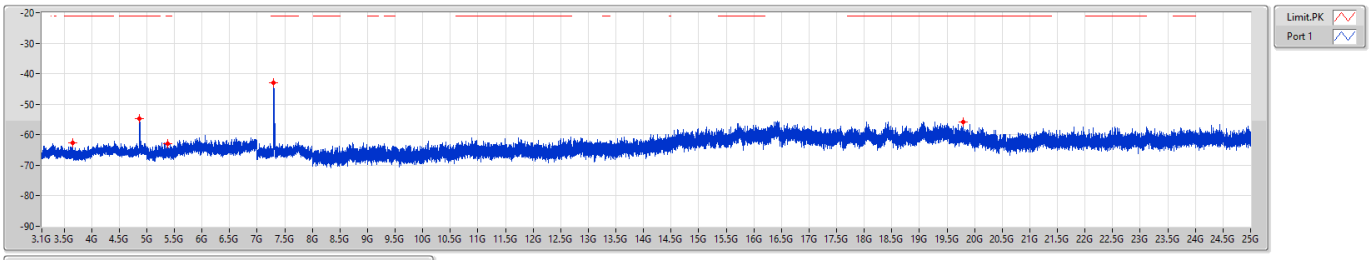
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.61795G	-66.23	-66.23
4G	5G	1M	AV	4.824G	-59.04	-59.04
5G	7G	1M	AV	5.2495G	-73.14	-73.14
7G	8G	1M	AV	7.743G	-72.34	-72.34
8G	25G	1M	AV	15.75572G	-65.30	-65.30

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

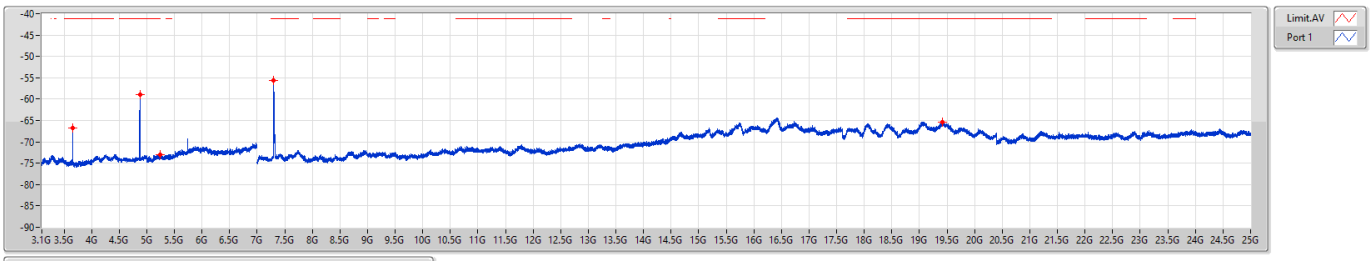
2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.65575G	-62.56	-62.56
4G	5G	1M	PK	4.8685G	-54.70	-54.70
5G	7G	1M	PK	5.381G	-62.86	-62.86
7G	8G	1M	PK	7.3G	-42.84	-42.84
8G	25G	1M	PK	19.79216G	-55.76	-55.76

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

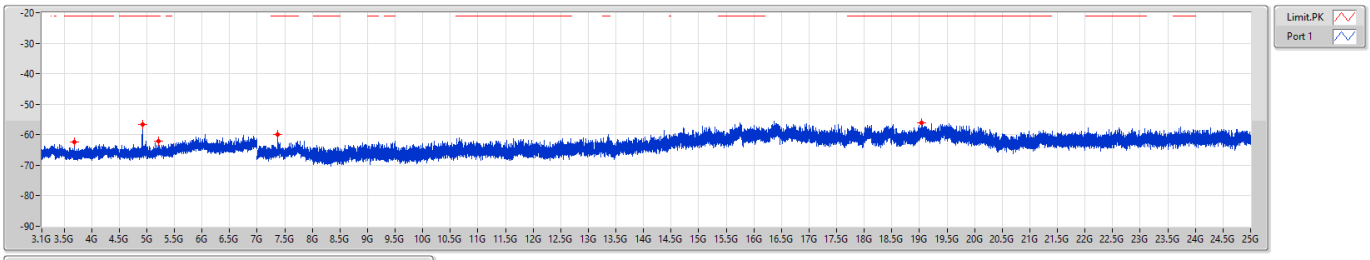
2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.6553G	-66.73	-66.73
4G	5G	1M	AV	4.874G	-58.86	-58.86
5G	7G	1M	AV	5.2375G	-72.96	-72.96
7G	8G	1M	AV	7.3015G	-55.59	-55.59
8G	25G	1M	AV	19.41391G	-65.31	-65.31

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

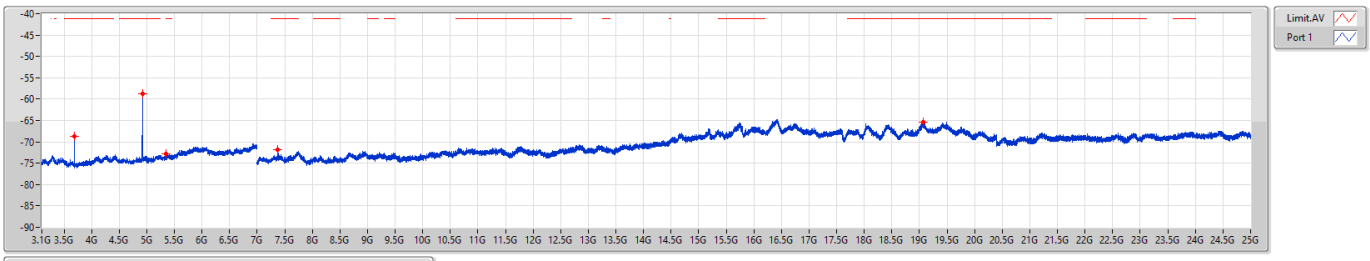
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.69355G	-62.38	-62.38
4G	5G	1M	PK	4.9245G	-56.51	-56.51
5G	7G	1M	PK	5.212G	-62.16	-62.16
7G	8G	1M	PK	7.3765G	-59.82	-59.82
8G	25G	1M	PK	19.0415G	-55.96	-55.96

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

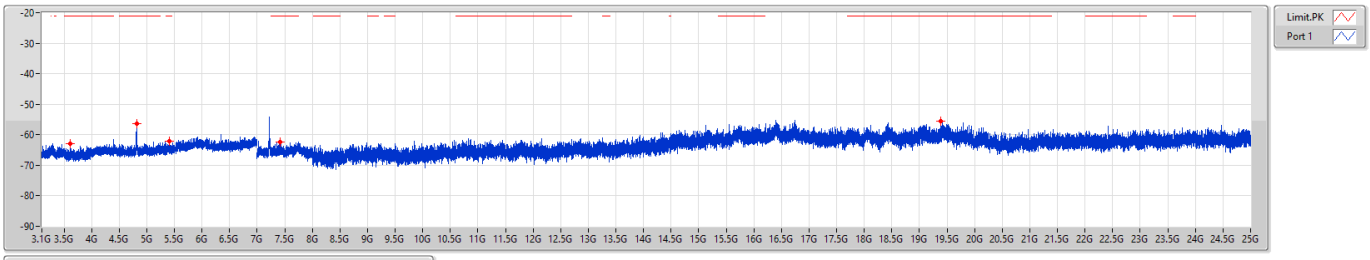
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.69355G	-68.62	-68.62
4G	5G	1M	AV	4.924G	-58.72	-58.72
5G	7G	1M	AV	5.3505G	-72.86	-72.86
7G	8G	1M	AV	7.376G	-71.75	-71.75
8G	25G	1M	AV	19.06328G	-65.41	-65.41

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

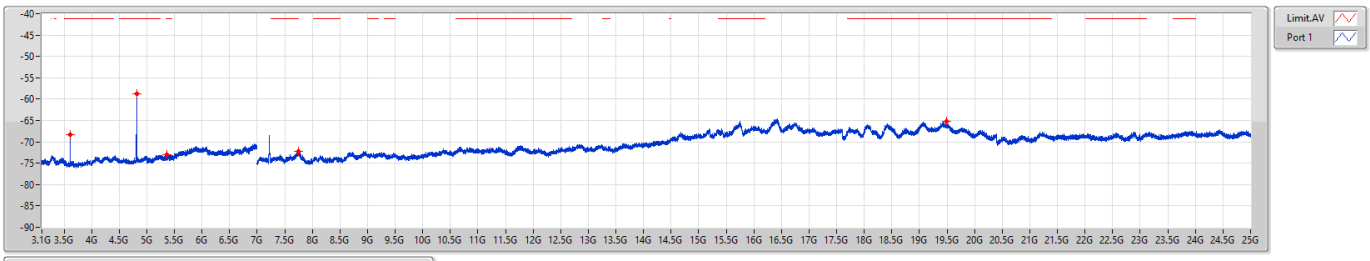
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.61795G	-63.00	-63.00
4G	5G	1M	PK	4.8245G	-56.40	-56.40
5G	7G	1M	PK	5.4115G	-62.17	-62.17
7G	8G	1M	PK	7.423G	-62.36	-62.36
8G	25G	1M	PK	19.37938G	-55.68	-55.68

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

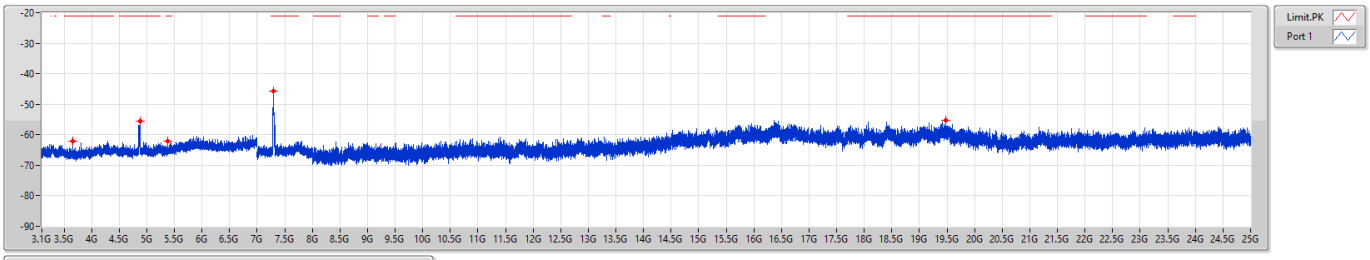
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.61795G	-68.36	-68.36
4G	5G	1M	AV	4.824G	-58.84	-58.84
5G	7G	1M	AV	5.37G	-73.04	-73.04
7G	8G	1M	AV	7.744G	-72.16	-72.16
8G	25G	1M	AV	19.48988G	-65.20	-65.20

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

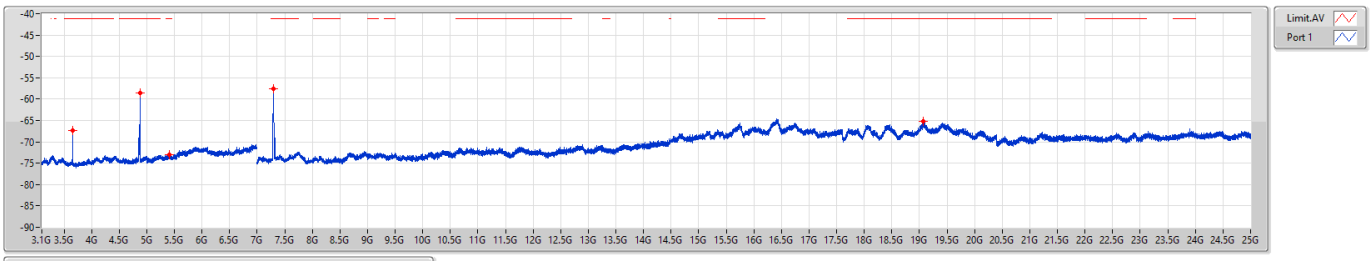
2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.65575G	-62.23	-62.23
4G	5G	1M	PK	4.8745G	-55.46	-55.46
5G	7G	1M	PK	5.3755G	-62.17	-62.17
7G	8G	1M	PK	7.295G	-45.83	-45.83
8G	25G	1M	PK	19.47288G	-55.29	-55.29

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

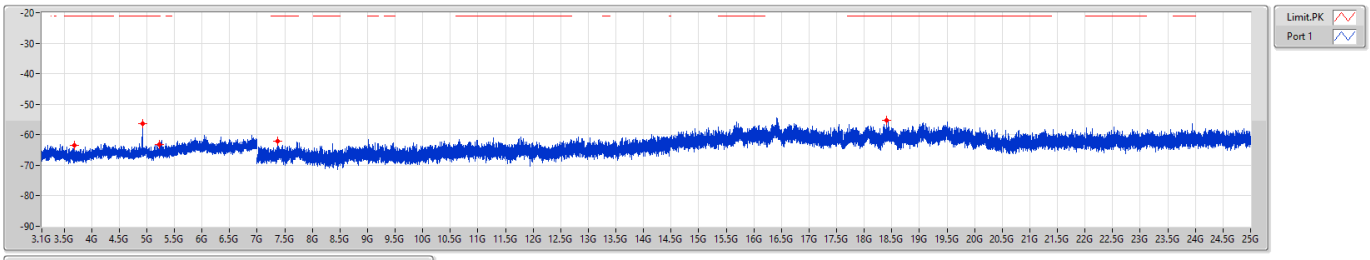
2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.65575G	-67.41	-67.41
4G	5G	1M	AV	4.874G	-58.64	-58.64
5G	7G	1M	AV	5.408G	-72.94	-72.94
7G	8G	1M	AV	7.294G	-57.62	-57.62
8G	25G	1M	AV	19.06966G	-65.29	-65.29

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

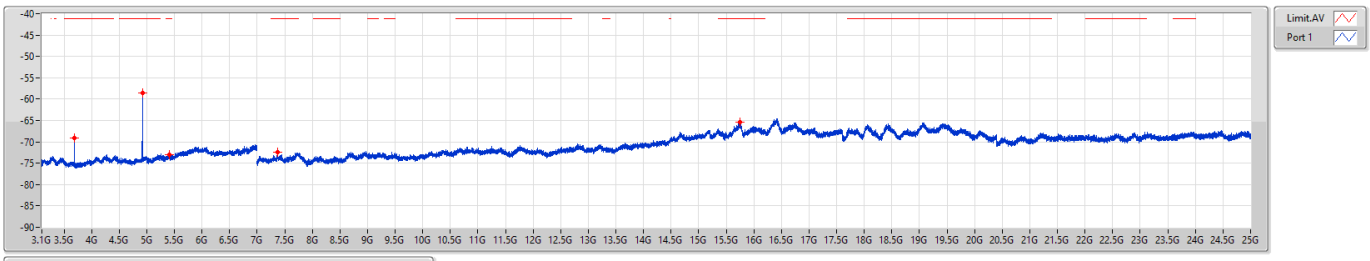
2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.6931G	-63.61	-63.61
4G	5G	1M	PK	4.9245G	-56.29	-56.29
5G	7G	1M	PK	5.23G	-63.33	-63.33
7G	8G	1M	PK	7.3695G	-62.22	-62.22
8G	25G	1M	PK	18.404G	-55.14	-55.14

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

2462MHz

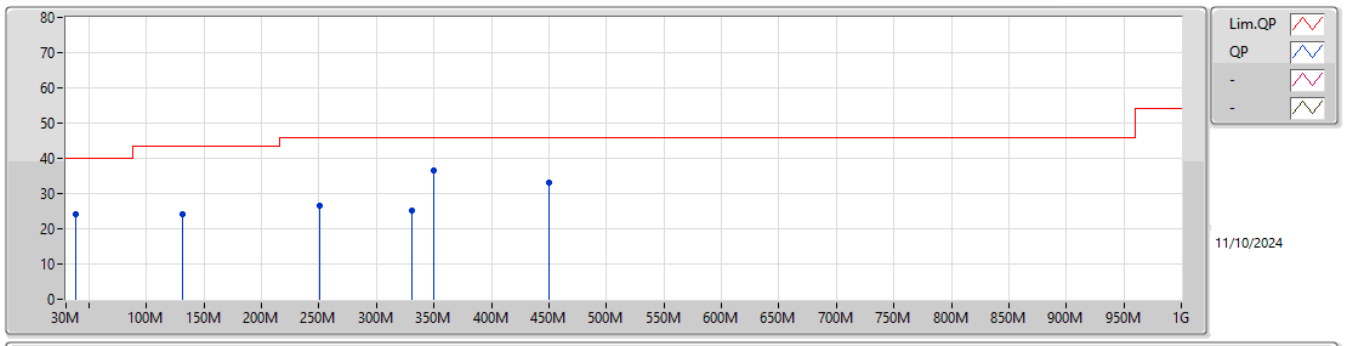


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.6931G	-69.16	-69.16
4G	5G	1M	AV	4.924G	-58.48	-58.48
5G	7G	1M	AV	5.409G	-72.94	-72.94
7G	8G	1M	AV	7.369G	-72.46	-72.46
8G	25G	1M	AV	15.74669G	-65.47	-65.47

Summary

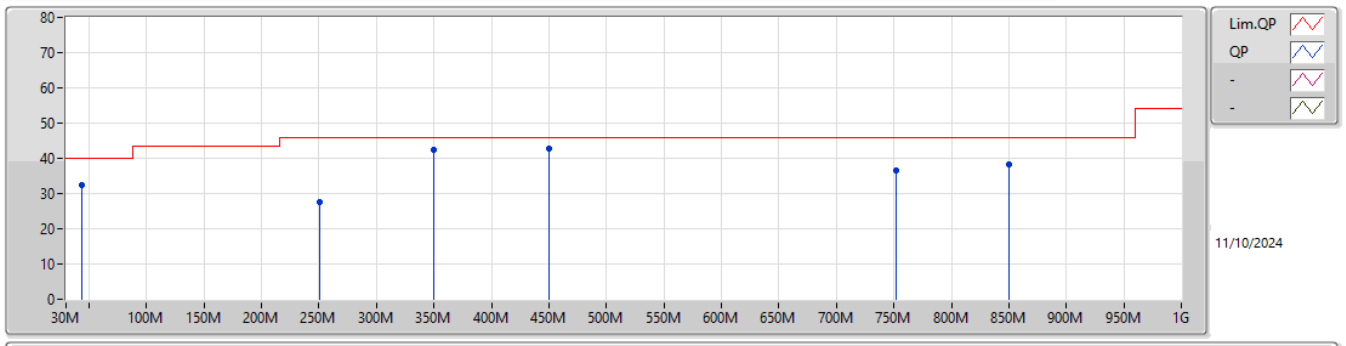
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	450.01M	42.87	46.00	-3.13	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	38.58M	24.16	40.00	-15.84	-9.17	3	Horizontal	-	-	-	33.33	18.36	0.58	28.11
PK	131.77M	24.11	43.50	-19.39	-9.91	3	Horizontal	-	-	-	34.02	17.20	1.14	28.25
PK	250.19M	26.58	46.00	-19.42	-9.77	3	Horizontal	-	-	-	36.35	16.91	1.57	28.25
PK	331.28M	25.16	46.00	-20.84	-7.10	3	Horizontal	-	-	-	32.26	19.30	1.81	28.21
PK	350.1M	36.57	46.00	-9.43	-6.88	3	Horizontal	-	-	-	43.45	19.50	1.82	28.20
PK	450.01M	33.24	46.00	-12.76	-4.11	3	Horizontal	-	-	-	37.35	22.10	1.98	28.19

Mode 1



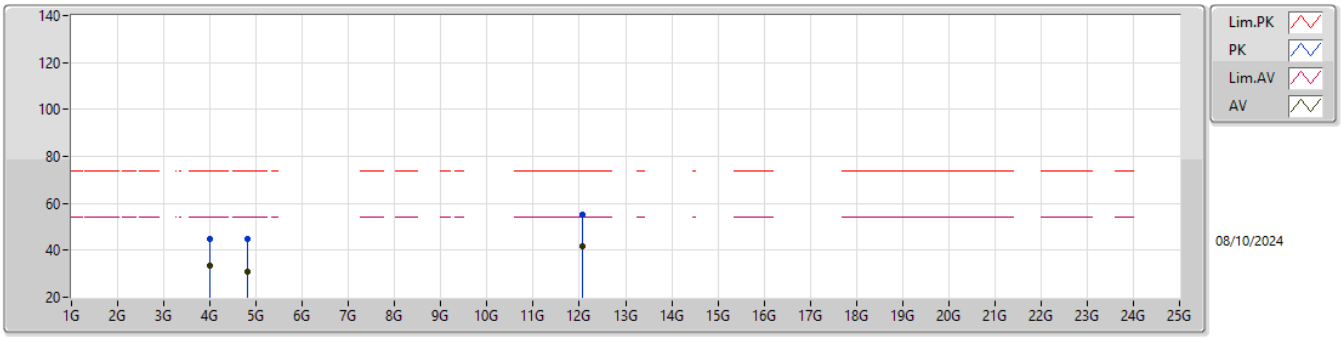
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	43.71M	32.55	40.00	-7.45	-8.73	3	Vertical	-	-	-	41.28	18.79	0.60	28.12
PK	250.19M	27.71	46.00	-18.29	-9.77	3	Vertical	-	-	-	37.48	16.91	1.57	28.25
QP	350.1M	42.51	46.00	-3.49	-6.88	3	Vertical	102	1.22	-	49.39	19.50	1.82	28.20
QP	450.01M	42.87	46.00	-3.13	-4.11	3	Vertical	218	1.00	-	46.98	22.10	1.98	28.19
PK	751.66M	36.55	46.00	-9.45	1.86	3	Vertical	-	-	-	34.69	27.03	2.75	27.92
PK	850.11M	38.16	46.00	-7.84	3.13	3	Vertical	-	-	-	35.03	28.00	2.89	27.76

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	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	Pass	AV	12.06G	41.84	54.00	-12.16	3	Horizontal	144	1.00	-
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	Pass	AV	12.06G	41.84	54.00	-12.16	3	Horizontal	214	1.00	-
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	Pass	AV	12.06G	41.85	54.00	-12.15	3	Horizontal	108	1.00	-

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX

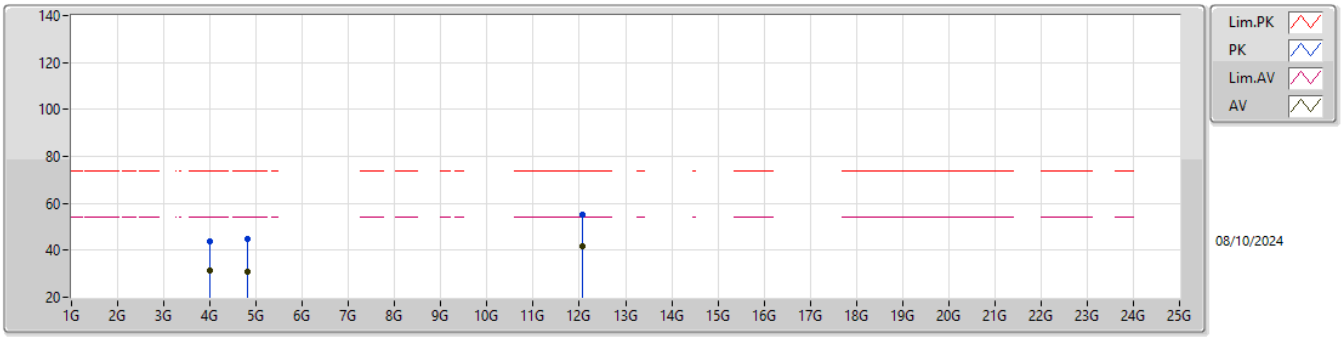
2412MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	33.19	54.00	-20.81	35.46	3	Horizontal	194	1.90	-	29.70	6.02	37.99
PK	4G	44.59	74.00	-29.41	46.86	3	Horizontal	194	1.90	-	29.70	6.02	37.99
AV	4.824G	30.80	54.00	-23.20	31.37	3	Horizontal	250	1.00	-	31.25	6.71	38.53
PK	4.824G	44.79	74.00	-29.21	45.36	3	Horizontal	250	1.00	-	31.25	6.71	38.53
AV	12.06G	41.84	54.00	-12.16	35.22	3	Horizontal	144	1.00	-	39.22	10.24	42.84
PK	12.06G	55.39	74.00	-18.61	48.77	3	Horizontal	144	1.00	-	39.22	10.24	42.84

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX

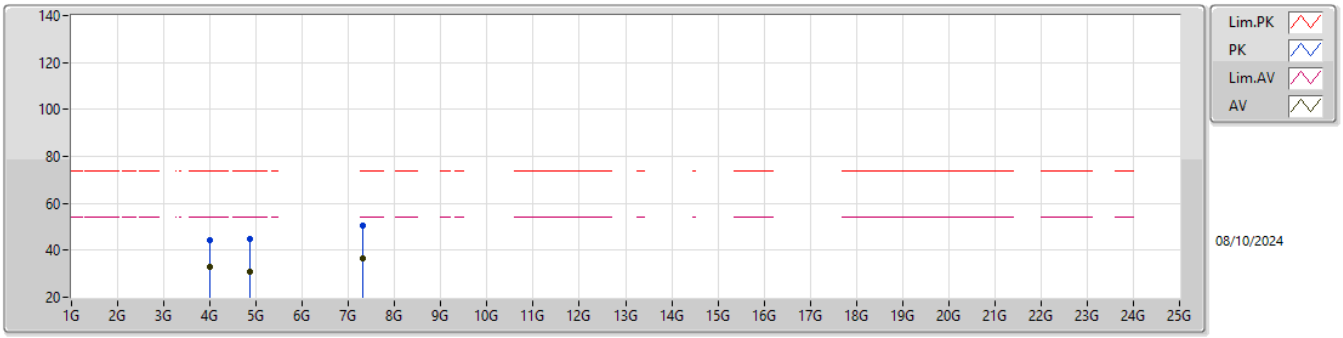
2412MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	31.36	54.00	-22.64	33.63	3	Vertical	188	1.68	-	29.70	6.02	37.99
PK	4G	43.82	74.00	-30.18	46.09	3	Vertical	188	1.68	-	29.70	6.02	37.99
AV	4.824G	30.79	54.00	-23.21	31.36	3	Vertical	153	1.00	-	31.25	6.71	38.53
PK	4.824G	44.72	74.00	-29.28	45.29	3	Vertical	153	1.00	-	31.25	6.71	38.53
AV	12.06G	41.80	54.00	-12.20	35.18	3	Vertical	223	1.00	-	39.22	10.24	42.84
PK	12.06G	55.42	74.00	-18.58	48.80	3	Vertical	223	1.00	-	39.22	10.24	42.84

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX

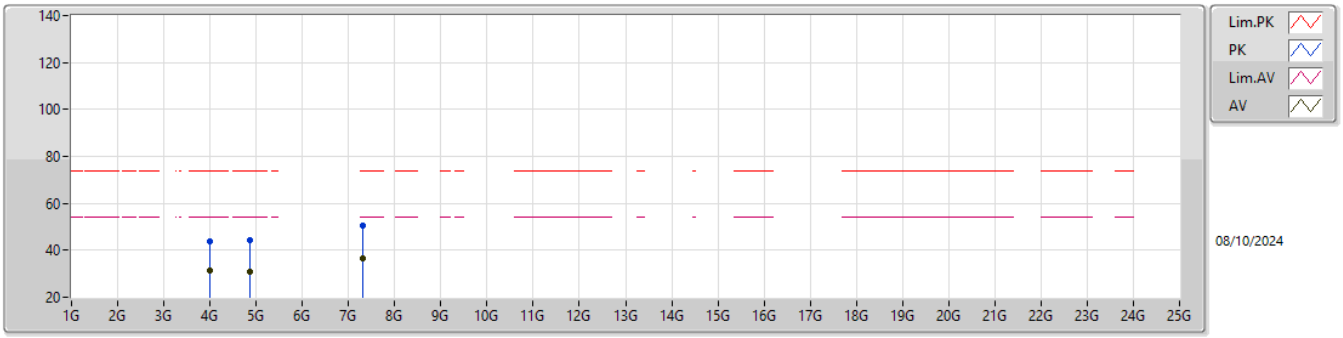
2437MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	33.09	54.00	-20.91	35.36	3	Horizontal	192	1.88	-	29.70	6.02	37.99
PK	4G	44.51	74.00	-29.49	46.78	3	Horizontal	192	1.88	-	29.70	6.02	37.99
AV	4.874G	30.76	54.00	-23.24	31.40	3	Horizontal	126	1.00	-	31.15	6.77	38.56
PK	4.874G	44.68	74.00	-29.32	45.32	3	Horizontal	126	1.00	-	31.15	6.77	38.56
AV	7.311G	36.70	54.00	-17.30	31.27	3	Horizontal	245	1.00	-	36.18	8.63	39.38
PK	7.311G	50.49	74.00	-23.51	45.06	3	Horizontal	245	1.00	-	36.18	8.63	39.38

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX

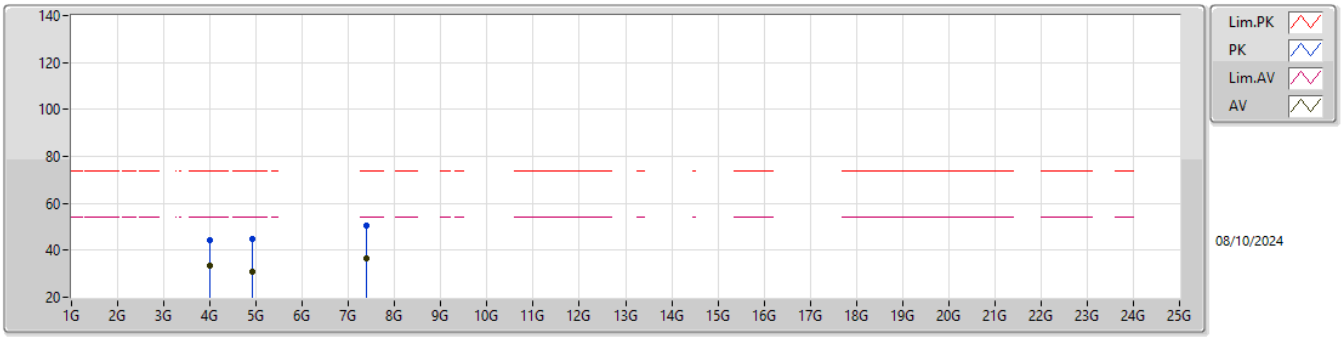
2437MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	31.40	54.00	-22.60	33.67	3	Vertical	186	1.72	-	29.70	6.02	37.99
PK	4G	43.80	74.00	-30.20	46.07	3	Vertical	186	1.72	-	29.70	6.02	37.99
AV	4.874G	30.68	54.00	-23.32	31.32	3	Vertical	203	1.00	-	31.15	6.77	38.56
PK	4.874G	44.44	74.00	-29.56	45.08	3	Vertical	203	1.00	-	31.15	6.77	38.56
AV	7.311G	36.67	54.00	-17.33	31.24	3	Vertical	177	1.00	-	36.18	8.63	39.38
PK	7.311G	50.50	74.00	-23.50	45.07	3	Vertical	177	1.00	-	36.18	8.63	39.38

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX

2462MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	33.21	54.00	-20.79	35.48	3	Horizontal	189	1.92	-	29.70	6.02	37.99
PK	4G	44.46	74.00	-29.54	46.73	3	Horizontal	189	1.92	-	29.70	6.02	37.99
AV	4.924G	30.74	54.00	-23.26	31.32	3	Horizontal	186	1.00	-	31.20	6.82	38.60
PK	4.924G	44.64	74.00	-29.36	45.22	3	Horizontal	186	1.00	-	31.20	6.82	38.60
AV	7.386G	36.55	54.00	-17.45	31.28	3	Horizontal	251	1.00	-	36.10	8.65	39.48
PK	7.386G	50.43	74.00	-23.57	45.16	3	Horizontal	251	1.00	-	36.10	8.65	39.48

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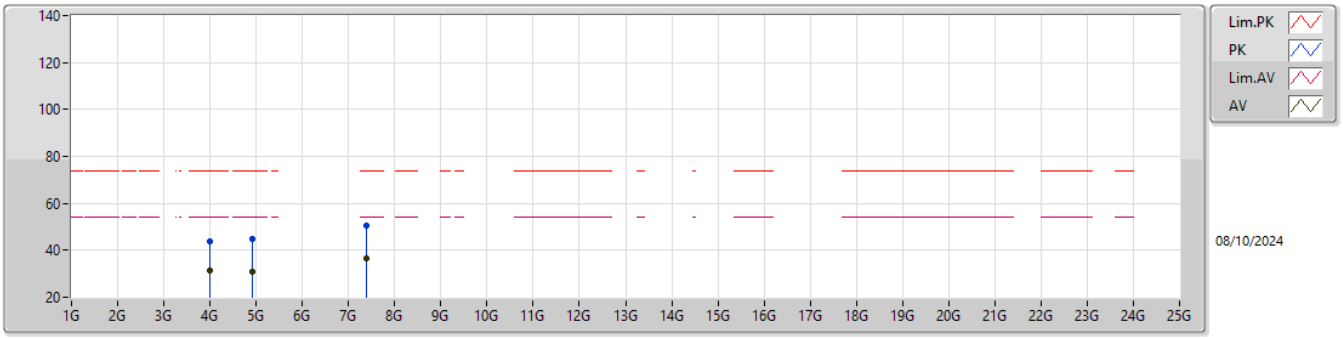
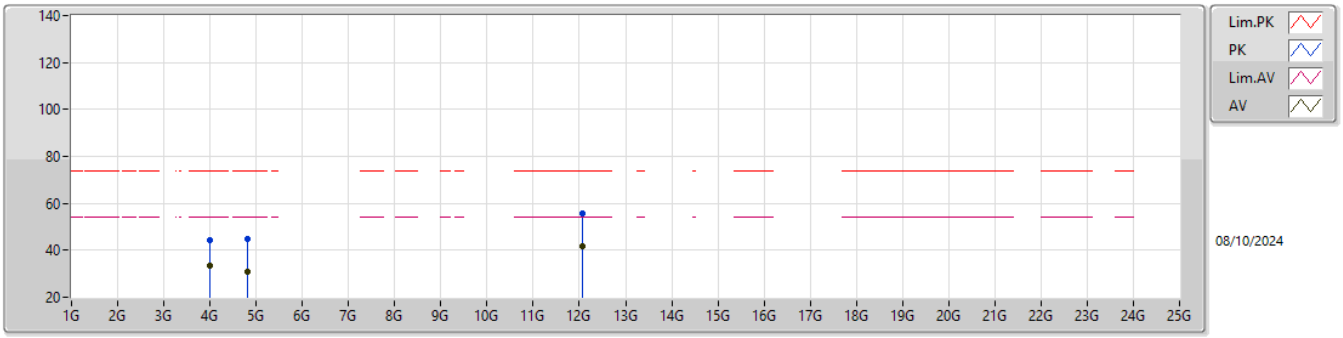
2462MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	31.35	54.00	-22.65	33.62	3	Vertical	191	1.69	-	29.70	6.02	37.99
PK	4G	43.77	74.00	-30.23	46.04	3	Vertical	191	1.69	-	29.70	6.02	37.99
AV	4.924G	30.65	54.00	-23.35	31.23	3	Vertical	145	1.00	-	31.20	6.82	38.60
PK	4.924G	44.59	74.00	-29.41	45.17	3	Vertical	145	1.00	-	31.20	6.82	38.60
AV	7.386G	36.56	54.00	-17.44	31.29	3	Vertical	208	1.00	-	36.10	8.65	39.48
PK	7.386G	50.64	74.00	-23.36	45.37	3	Vertical	208	1.00	-	36.10	8.65	39.48

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX

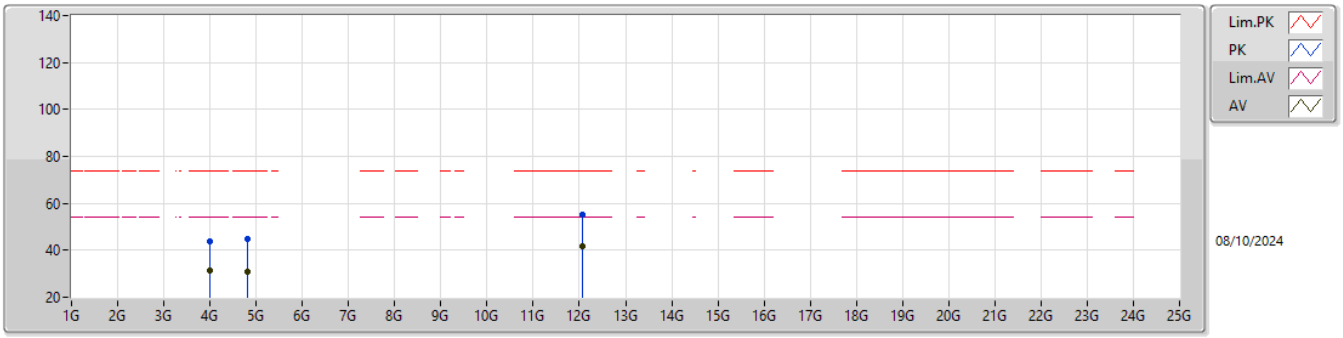
2412MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	33.19	54.00	-20.81	35.46	3	Horizontal	196	1.89	-	29.70	6.02	37.99
PK	4G	44.45	74.00	-29.55	46.72	3	Horizontal	196	1.89	-	29.70	6.02	37.99
AV	4.824G	30.89	54.00	-23.11	31.46	3	Horizontal	108	1.00	-	31.25	6.71	38.53
PK	4.824G	44.82	74.00	-29.18	45.39	3	Horizontal	108	1.00	-	31.25	6.71	38.53
AV	12.06G	41.84	54.00	-12.16	35.22	3	Horizontal	214	1.00	-	39.22	10.24	42.84
PK	12.06G	55.52	74.00	-18.48	48.90	3	Horizontal	214	1.00	-	39.22	10.24	42.84

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX

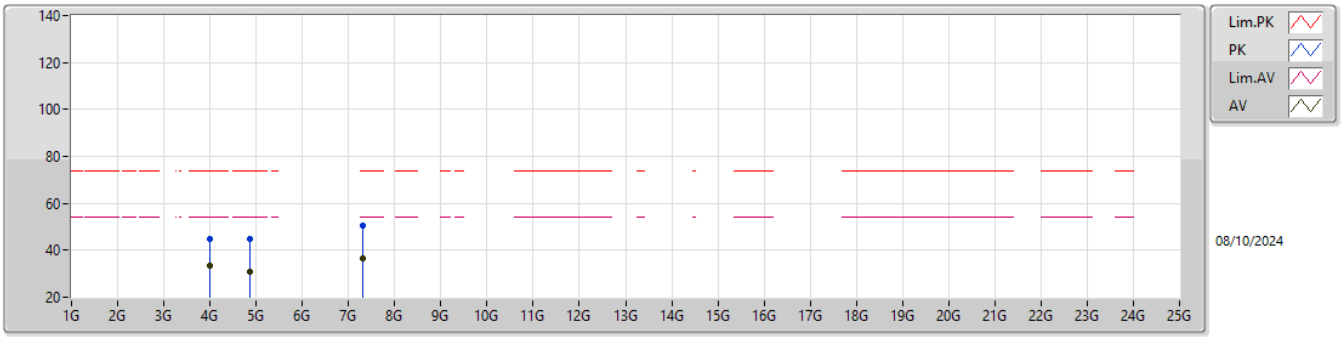
2412MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	31.37	54.00	-22.63	33.64	3	Vertical	187	1.66	-	29.70	6.02	37.99
PK	4G	43.87	74.00	-30.13	46.14	3	Vertical	187	1.66	-	29.70	6.02	37.99
AV	4.824G	30.74	54.00	-23.26	31.31	3	Vertical	217	1.00	-	31.25	6.71	38.53
PK	4.824G	44.77	74.00	-29.23	45.34	3	Vertical	217	1.00	-	31.25	6.71	38.53
AV	12.06G	41.82	54.00	-12.18	35.20	3	Vertical	105	1.00	-	39.22	10.24	42.84
PK	12.06G	55.43	74.00	-18.57	48.81	3	Vertical	105	1.00	-	39.22	10.24	42.84

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX

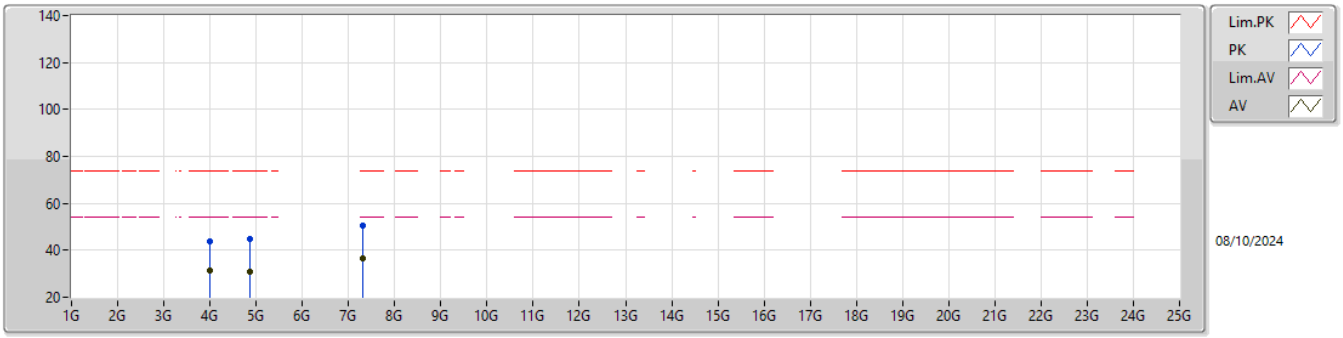
2437MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	33.21	54.00	-20.79	35.48	3	Horizontal	196	1.92	-	29.70	6.02	37.99
PK	4G	44.69	74.00	-29.31	46.96	3	Horizontal	196	1.92	-	29.70	6.02	37.99
AV	4.874G	30.68	54.00	-23.32	31.32	3	Horizontal	119	1.00	-	31.15	6.77	38.56
PK	4.874G	44.72	74.00	-29.28	45.36	3	Horizontal	119	1.00	-	31.15	6.77	38.56
AV	7.311G	36.73	54.00	-17.27	31.30	3	Horizontal	205	1.00	-	36.18	8.63	39.38
PK	7.311G	50.62	74.00	-23.38	45.19	3	Horizontal	205	1.00	-	36.18	8.63	39.38

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX

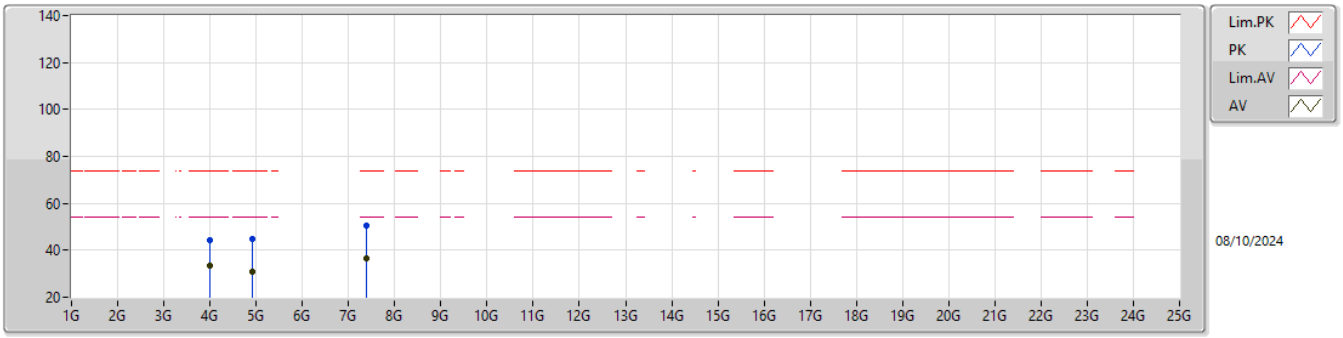
2437MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	31.49	54.00	-22.51	33.76	3	Vertical	187	1.77	-	29.70	6.02	37.99
PK	4G	43.77	74.00	-30.23	46.04	3	Vertical	187	1.77	-	29.70	6.02	37.99
AV	4.874G	30.70	54.00	-23.30	31.34	3	Vertical	158	1.00	-	31.15	6.77	38.56
PK	4.874G	44.58	74.00	-29.42	45.22	3	Vertical	158	1.00	-	31.15	6.77	38.56
AV	7.311G	36.65	54.00	-17.35	31.22	3	Vertical	223	1.00	-	36.18	8.63	39.38
PK	7.311G	50.57	74.00	-23.43	45.14	3	Vertical	223	1.00	-	36.18	8.63	39.38

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX

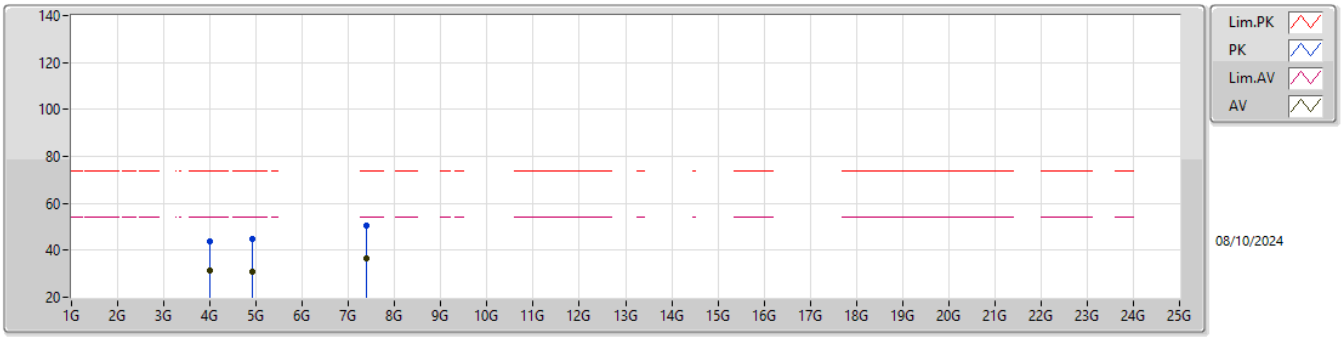
2462MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	33.27	54.00	-20.73	35.54	3	Horizontal	190	1.88	-	29.70	6.02	37.99
PK	4G	44.46	74.00	-29.54	46.73	3	Horizontal	190	1.88	-	29.70	6.02	37.99
AV	4.924G	30.67	54.00	-23.33	31.25	3	Horizontal	176	1.00	-	31.20	6.82	38.60
PK	4.924G	44.64	74.00	-29.36	45.22	3	Horizontal	176	1.00	-	31.20	6.82	38.60
AV	7.386G	36.51	54.00	-17.49	31.24	3	Horizontal	224	1.00	-	36.10	8.65	39.48
PK	7.386G	50.54	74.00	-23.46	45.27	3	Horizontal	224	1.00	-	36.10	8.65	39.48

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX

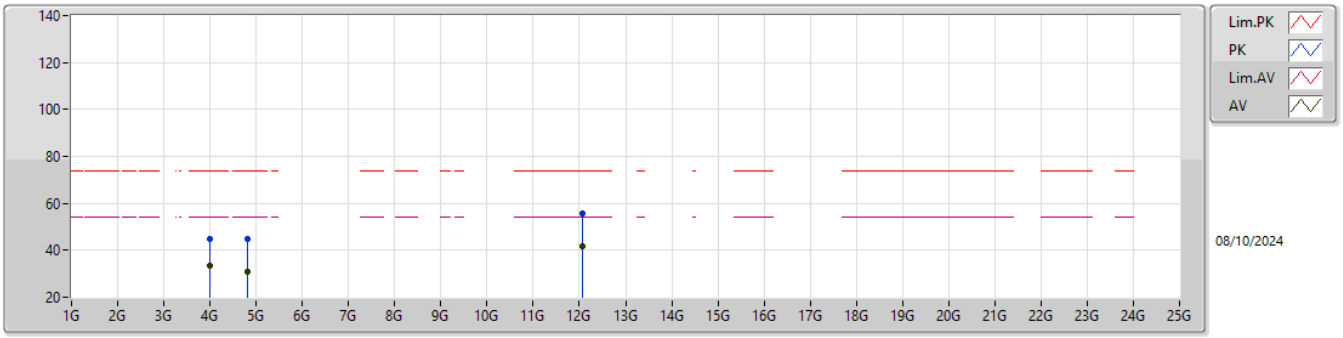
2462MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	31.37	54.00	-22.63	33.64	3	Vertical	188	1.68	-	29.70	6.02	37.99
PK	4G	43.74	74.00	-30.26	46.01	3	Vertical	188	1.68	-	29.70	6.02	37.99
AV	4.924G	30.77	54.00	-23.23	31.35	3	Vertical	156	1.00	-	31.20	6.82	38.60
PK	4.924G	44.74	74.00	-29.26	45.32	3	Vertical	156	1.00	-	31.20	6.82	38.60
AV	7.386G	36.51	54.00	-17.49	31.24	3	Vertical	241	1.00	-	36.10	8.65	39.48
PK	7.386G	50.38	74.00	-23.62	45.11	3	Vertical	241	1.00	-	36.10	8.65	39.48

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX

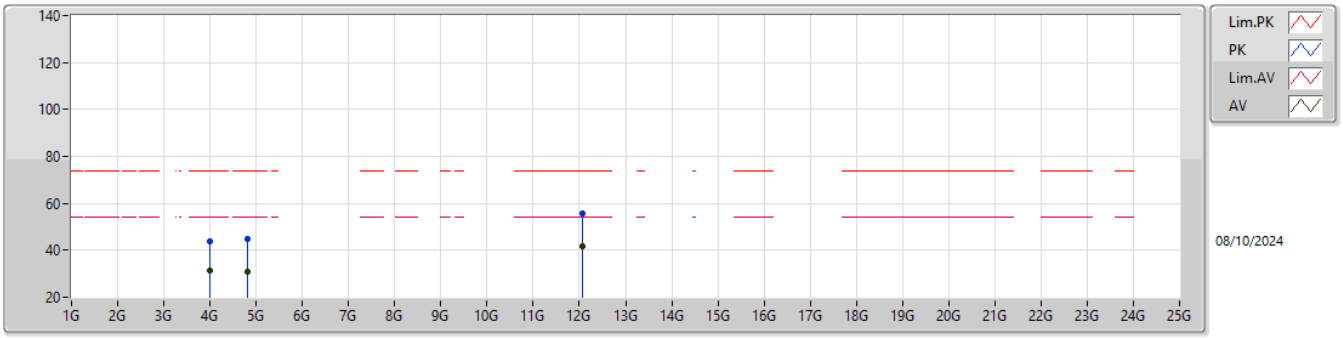
2412MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	33.19	54.00	-20.81	35.46	3	Horizontal	189	1.94	-	29.70	6.02	37.99
PK	4G	44.60	74.00	-29.40	46.87	3	Horizontal	189	1.94	-	29.70	6.02	37.99
AV	4.824G	30.72	54.00	-23.28	31.29	3	Horizontal	225	1.00	-	31.25	6.71	38.53
PK	4.824G	44.79	74.00	-29.21	45.36	3	Horizontal	225	1.00	-	31.25	6.71	38.53
AV	12.06G	41.85	54.00	-12.15	35.23	3	Horizontal	108	1.00	-	39.22	10.24	42.84
PK	12.06G	55.49	74.00	-18.51	48.87	3	Horizontal	108	1.00	-	39.22	10.24	42.84

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX

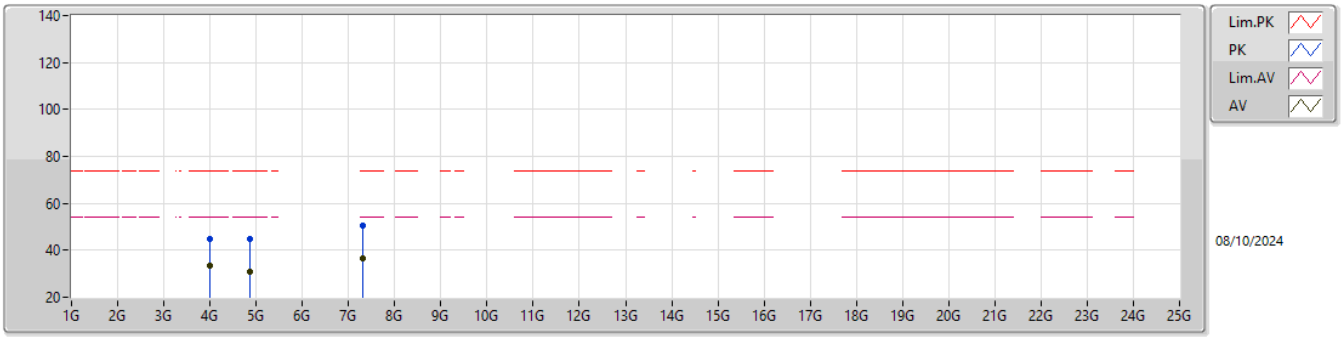
2412MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	31.35	54.00	-22.65	33.62	3	Vertical	188	1.71	-	29.70	6.02	37.99
PK	4G	43.77	74.00	-30.23	46.04	3	Vertical	188	1.71	-	29.70	6.02	37.99
AV	4.824G	30.71	54.00	-23.29	31.28	3	Vertical	226	1.00	-	31.25	6.71	38.53
PK	4.824G	44.61	74.00	-29.39	45.18	3	Vertical	226	1.00	-	31.25	6.71	38.53
AV	12.06G	41.76	54.00	-12.24	35.14	3	Vertical	194	1.00	-	39.22	10.24	42.84
PK	12.06G	55.46	74.00	-18.54	48.84	3	Vertical	194	1.00	-	39.22	10.24	42.84

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX

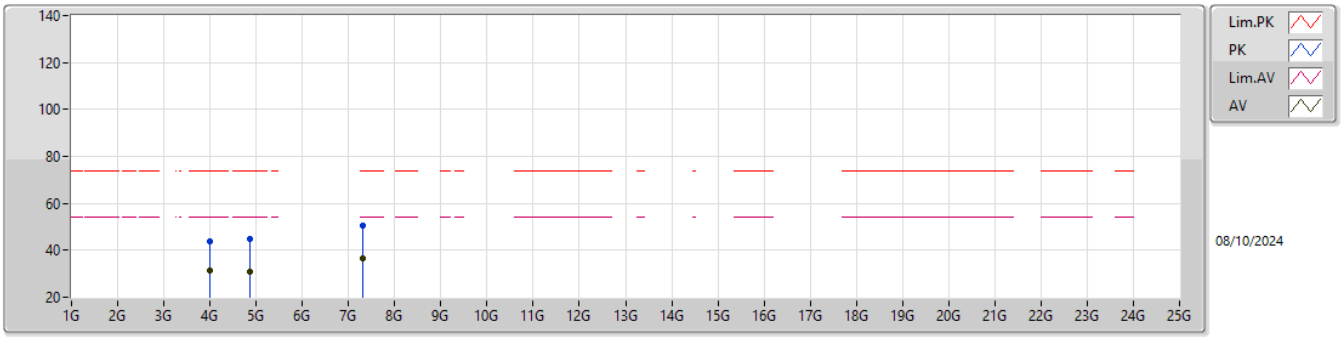
2437MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	33.22	54.00	-20.78	35.49	3	Horizontal	189	1.86	-	29.70	6.02	37.99
PK	4G	44.59	74.00	-29.41	46.86	3	Horizontal	189	1.86	-	29.70	6.02	37.99
AV	4.874G	30.62	54.00	-23.38	31.26	3	Horizontal	224	1.00	-	31.15	6.77	38.56
PK	4.874G	44.71	74.00	-29.29	45.35	3	Horizontal	224	1.00	-	31.15	6.77	38.56
AV	7.311G	36.74	54.00	-17.26	31.31	3	Horizontal	158	1.00	-	36.18	8.63	39.38
PK	7.311G	50.64	74.00	-23.36	45.21	3	Horizontal	158	1.00	-	36.18	8.63	39.38

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX

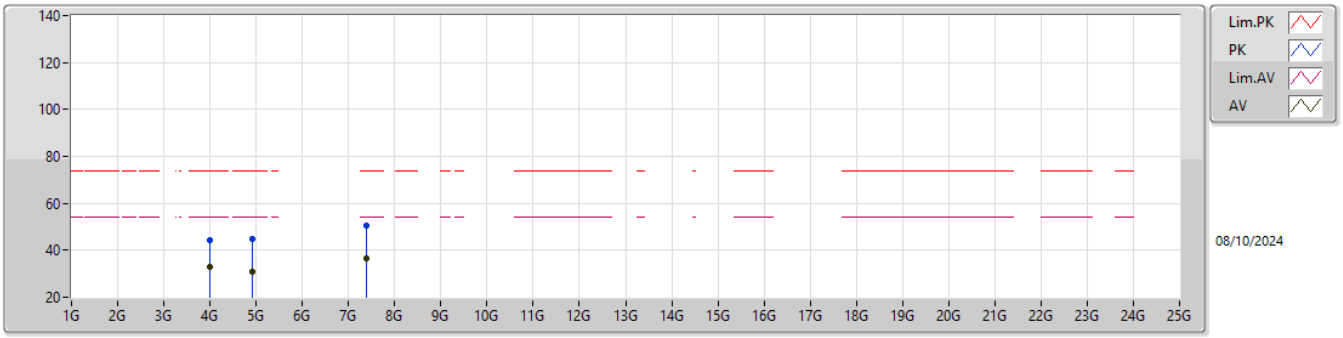
2437MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	31.36	54.00	-22.64	33.63	3	Vertical	186	1.69	-	29.70	6.02	37.99
PK	4G	43.72	74.00	-30.28	45.99	3	Vertical	186	1.69	-	29.70	6.02	37.99
AV	4.874G	30.67	54.00	-23.33	31.31	3	Vertical	214	1.00	-	31.15	6.77	38.56
PK	4.874G	44.68	74.00	-29.32	45.32	3	Vertical	214	1.00	-	31.15	6.77	38.56
AV	7.311G	36.60	54.00	-17.40	31.17	3	Vertical	104	1.00	-	36.18	8.63	39.38
PK	7.311G	50.67	74.00	-23.33	45.24	3	Vertical	104	1.00	-	36.18	8.63	39.38

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX

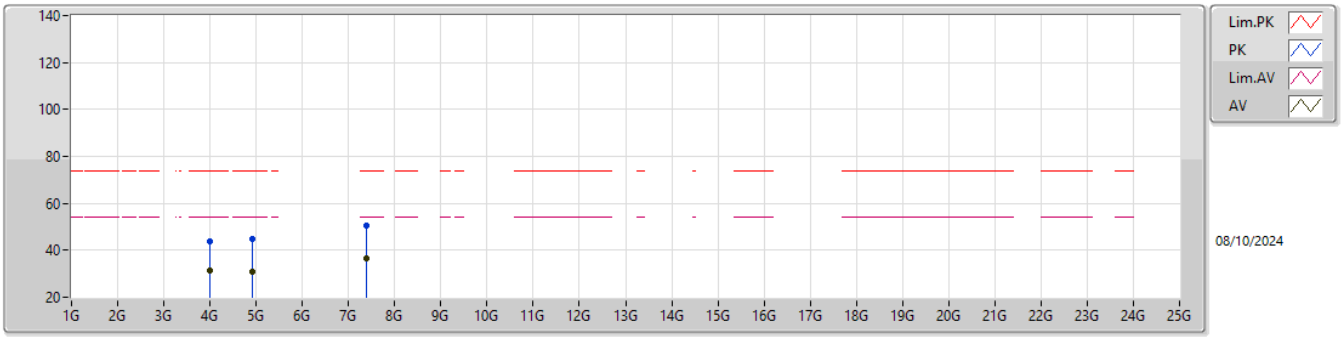
2462MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	33.18	54.00	-20.82	35.45	3	Horizontal	189	1.86	-	29.70	6.02	37.99
PK	4G	44.55	74.00	-29.45	46.82	3	Horizontal	189	1.86	-	29.70	6.02	37.99
AV	4.924G	30.71	54.00	-23.29	31.29	3	Horizontal	251	1.00	-	31.20	6.82	38.60
PK	4.924G	44.78	74.00	-29.22	45.36	3	Horizontal	251	1.00	-	31.20	6.82	38.60
AV	7.386G	36.52	54.00	-17.48	31.25	3	Horizontal	118	1.00	-	36.10	8.65	39.48
PK	7.386G	50.61	74.00	-23.39	45.34	3	Horizontal	118	1.00	-	36.10	8.65	39.48

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX

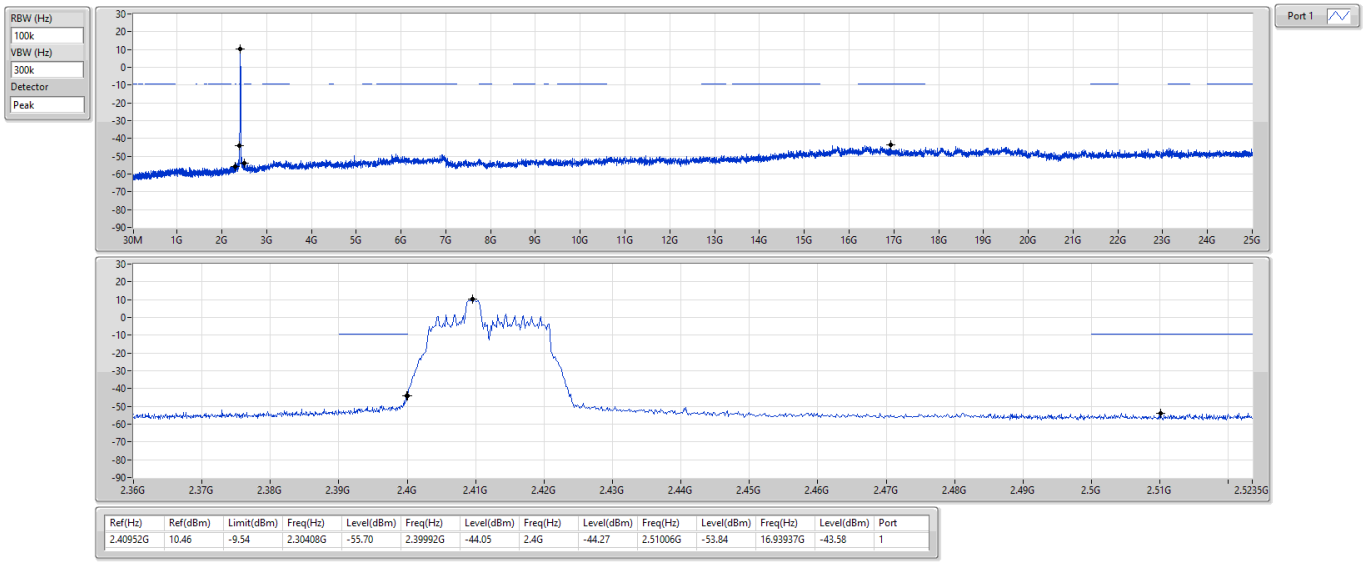
2462MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	31.32	54.00	-22.68	33.59	3	Vertical	187	1.73	-	29.70	6.02	37.99
PK	4G	43.77	74.00	-30.23	46.04	3	Vertical	187	1.73	-	29.70	6.02	37.99
AV	4.924G	30.75	54.00	-23.25	31.33	3	Vertical	208	1.00	-	31.20	6.82	38.60
PK	4.924G	44.84	74.00	-29.16	45.42	3	Vertical	208	1.00	-	31.20	6.82	38.60
AV	7.386G	36.60	54.00	-17.40	31.33	3	Vertical	147	1.00	-	36.10	8.65	39.48
PK	7.386G	50.56	74.00	-23.44	45.29	3	Vertical	147	1.00	-	36.10	8.65	39.48

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSENdB**

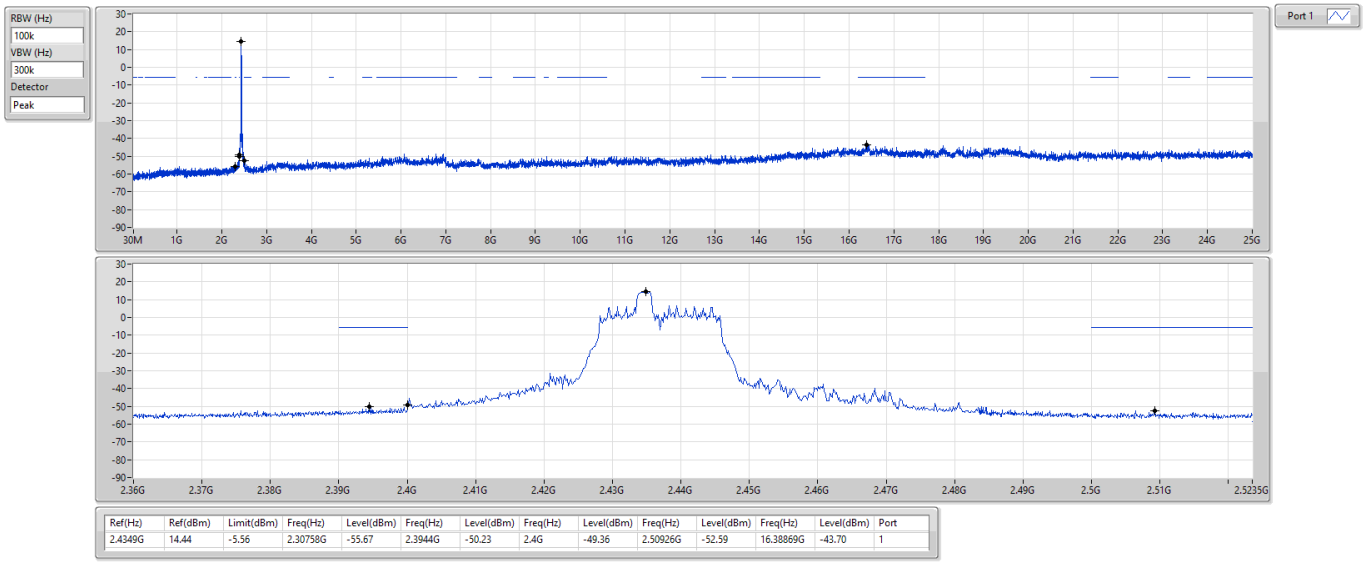
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40952G	10.46	-9.54	2.30408G	-55.70	2.39992G	-44.05	2.4G	-44.27	2.51006G	-53.84	16.93937G	-43.58	1

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSENdB**

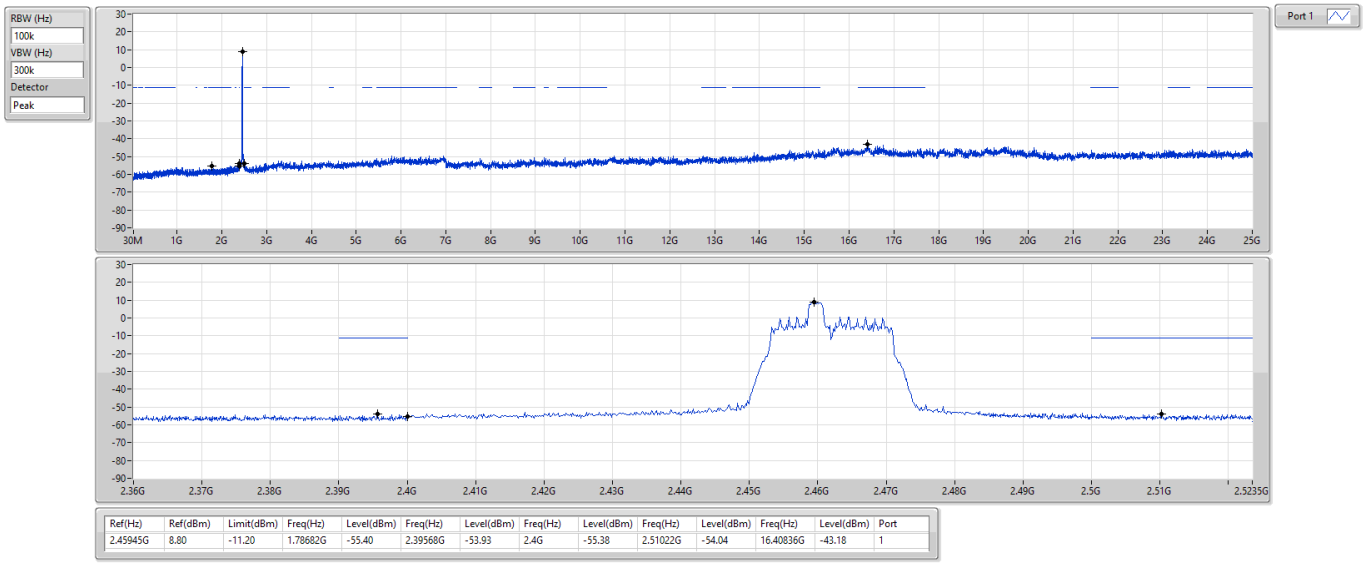
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4349G	14.44	-5.56	2.30758G	-55.67	2.3944G	-50.23	2.4G	-49.36	2.50926G	-52.59	16.38869G	-43.70	1

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSENdB**

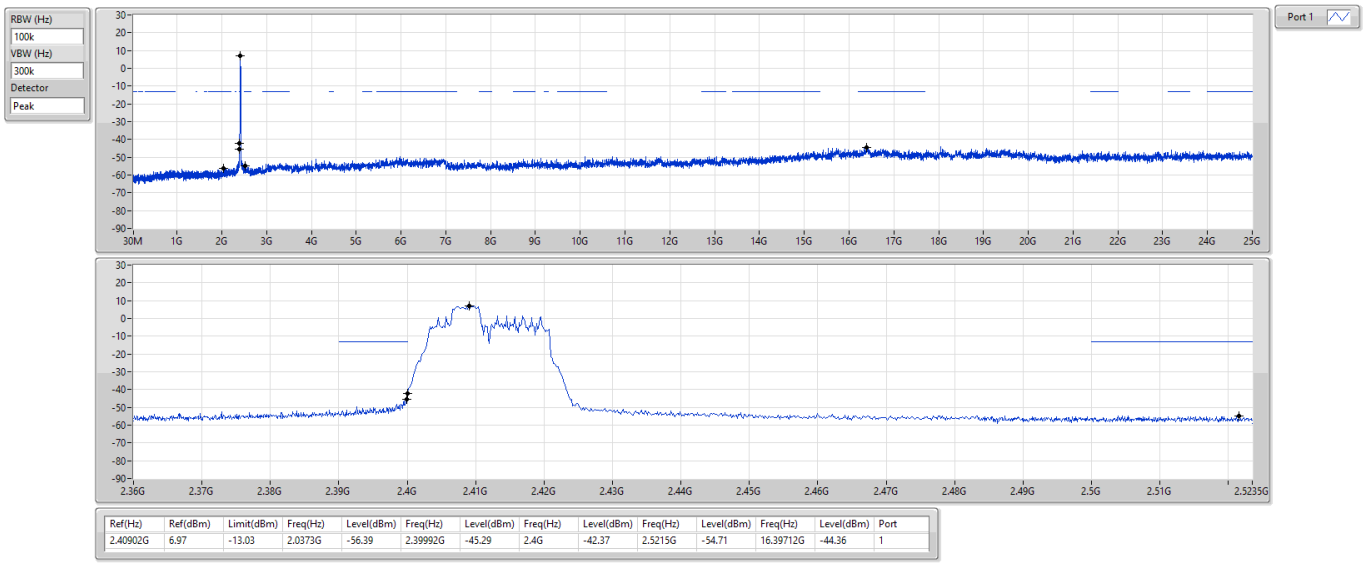
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45945G	8.80	-11.20	1.78682G	-55.40	2.39568G	-53.93	2.4G	-55.38	2.51022G	-54.04	16.40836G	-43.18	1

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSENdB**

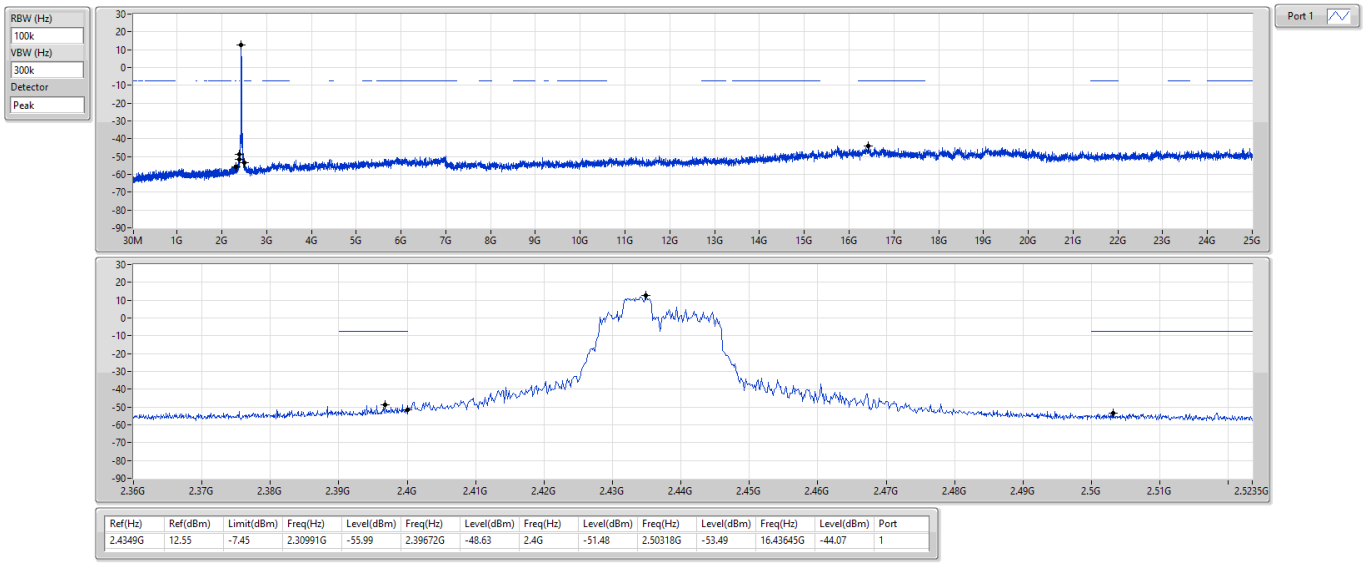
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40902G	6.97	-13.03	2.0373G	-56.39	2.39992G	-45.29	2.4G	-42.37	2.5215G	-54.71	16.39712G	-44.36	1

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSENdB**

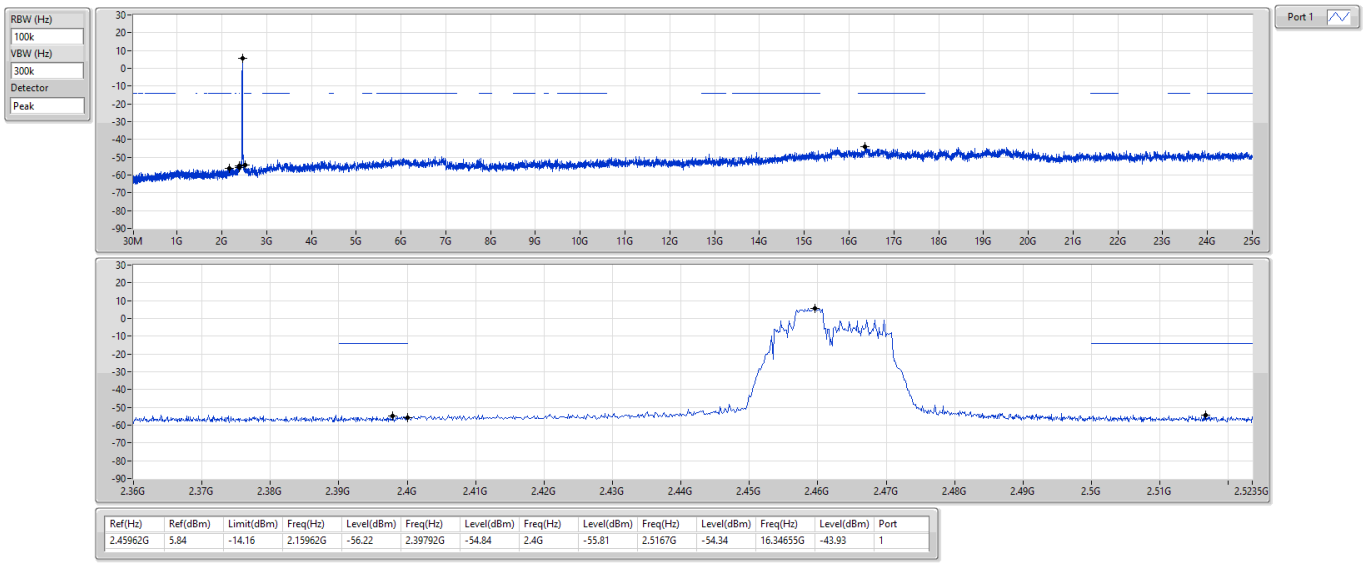
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4349G	12.55	-7.45	2.30991G	-55.99	2.39672G	-48.63	2.4G	-51.48	2.50318G	-53.49	16.43645G	-44.07	1

2.4-2.4835GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSENdB**

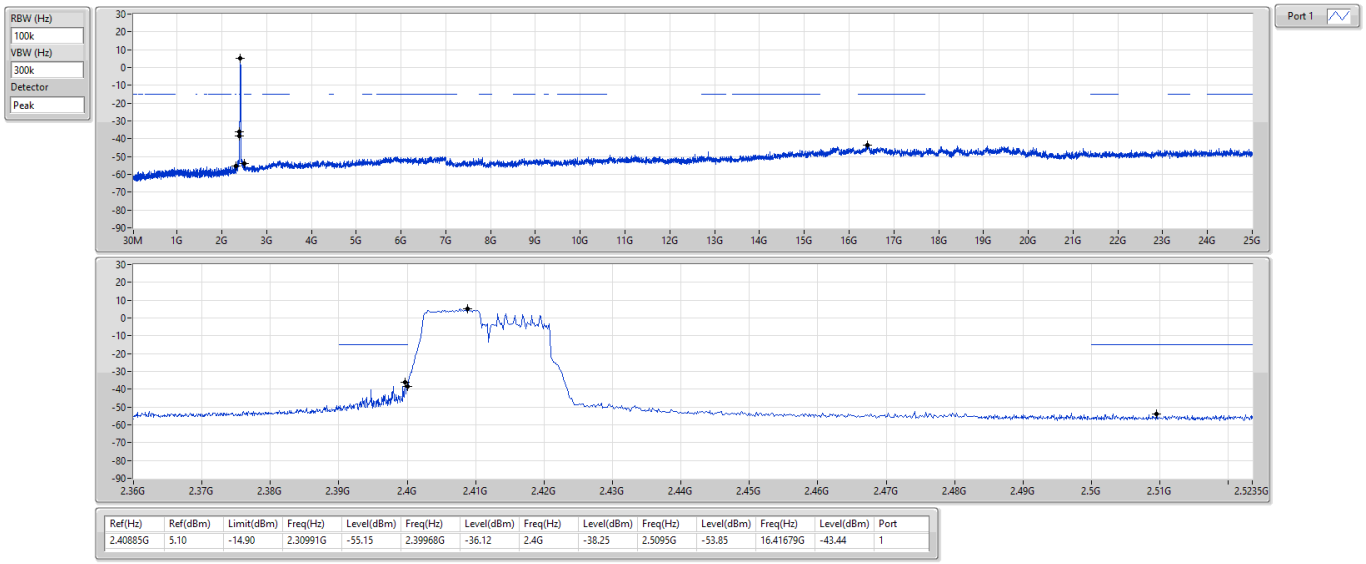
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45962G	5.84	-14.16	2.15962G	-56.22	2.39792G	-54.84	2.4G	-55.81	2.5167G	-54.34	16.34655G	-43.93	1

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSENdB**

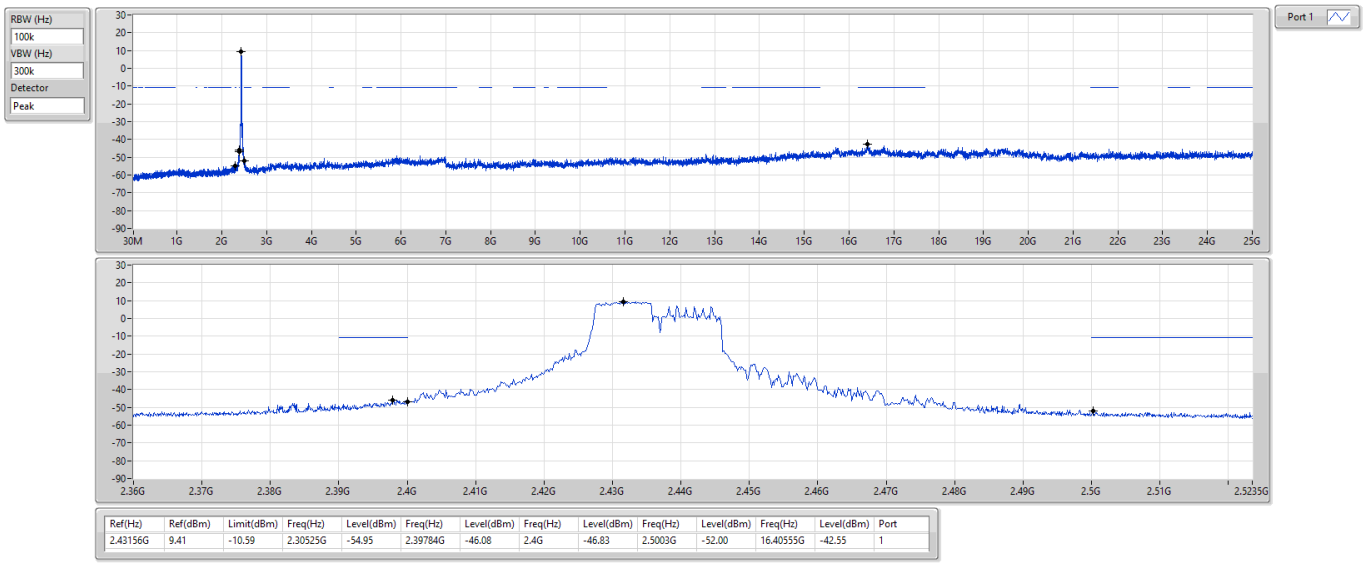
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40885G	5.10	-14.90	2.30991G	-55.15	2.39968G	-36.12	2.4G	-38.25	2.5095G	-53.85	16.41679G	-43.44	1

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSENdB**

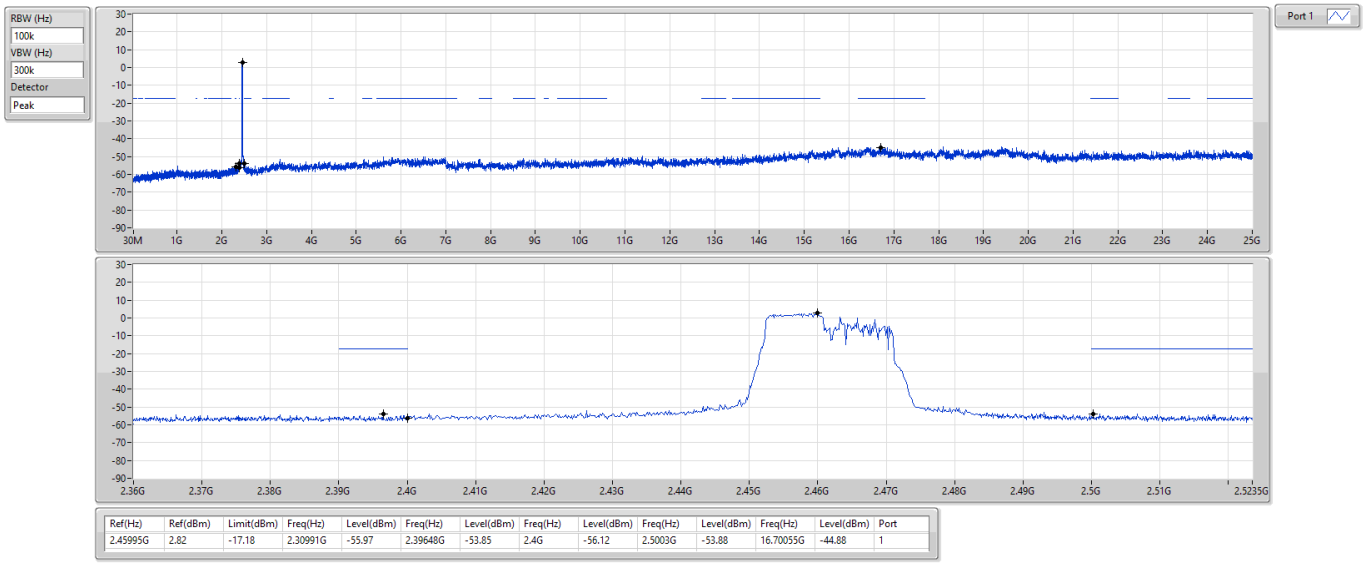
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43156G	9.41	-10.59	2.30525G	-54.95	2.39784G	-46.08	2.4G	-46.83	2.5003G	-52.00	16.40555G	-42.55	1

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSENdB**

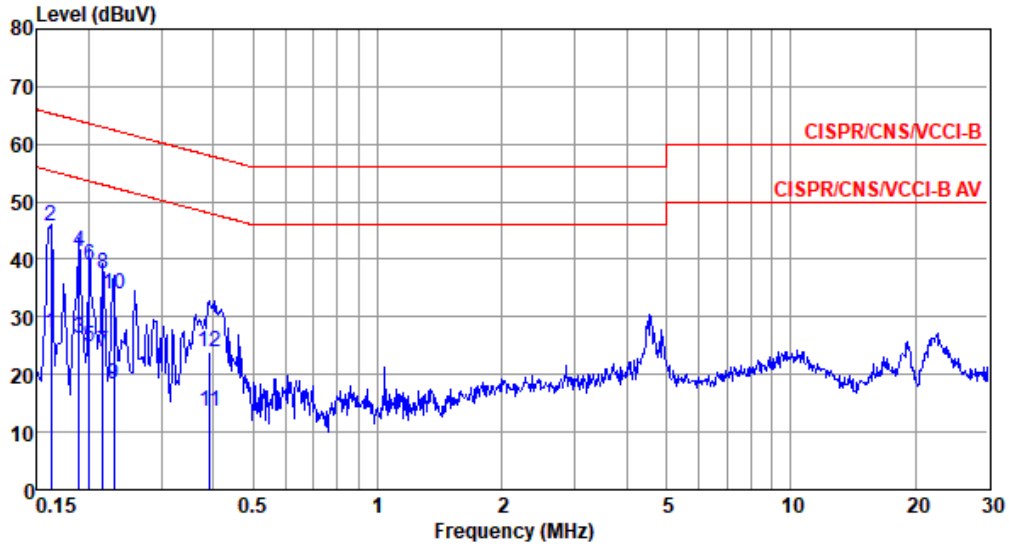
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45995G	2.82	-17.18	2.30991G	-55.97	2.39648G	-53.85	2.4G	-56.12	2.5003G	-53.88	16.70055G	-44.88	1

Modulation Mode	ax HE20 RU106	**Test Freq. (MHz)**	2437
Power Phase	Line		

Test by : Sean Yu Temperature: 23°C Humidity: 65%

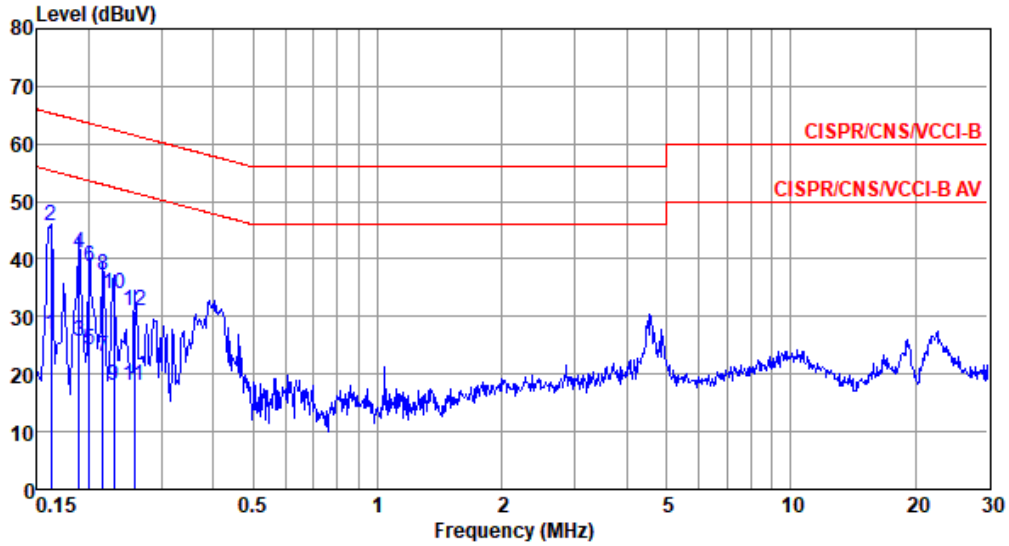


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.162	27.28	55.34	-28.06	17.34	9.65	0.08	0.21	Average
2*	0.162	45.76	65.34	-19.58	35.82	9.65	0.08	0.21	QP
3	0.189	26.37	54.06	-27.69	16.40	9.65	0.08	0.24	Average
4	0.189	41.26	64.06	-22.80	31.29	9.65	0.08	0.24	QP
5	0.201	24.82	53.58	-28.76	14.84	9.65	0.08	0.25	Average
6	0.201	39.09	63.58	-24.49	29.11	9.65	0.08	0.25	QP
7	0.216	24.00	52.96	-28.96	14.01	9.65	0.08	0.26	Average
8	0.216	37.47	62.96	-25.49	27.48	9.65	0.08	0.26	QP
9	0.230	18.26	52.44	-34.18	8.26	9.65	0.08	0.27	Average
10	0.230	34.06	62.44	-28.38	24.06	9.65	0.08	0.27	QP
11	0.393	13.58	47.99	-34.41	3.52	9.64	0.09	0.33	Average
12	0.393	23.88	57.99	-34.11	13.82	9.64	0.09	0.33	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	ax HE20 RU106	**Test Freq. (MHz)**	2437
Power Phase	Neutral		

Test by : Sean Yu Temperature: 23°C Humidity: 65%



	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.162	26.97	55.34	-28.37	17.10	9.66	0.08	0.13	Average
2*	0.162	45.75	65.34	-19.59	35.88	9.66	0.08	0.13	QP
3	0.189	25.55	54.06	-28.51	15.66	9.65	0.08	0.16	Average
4	0.189	41.08	64.06	-22.98	31.19	9.65	0.08	0.16	QP
5	0.201	24.20	53.58	-29.38	14.30	9.65	0.08	0.17	Average
6	0.201	38.80	63.58	-24.78	28.90	9.65	0.08	0.17	QP
7	0.216	23.02	52.96	-29.94	13.11	9.65	0.08	0.18	Average
8	0.216	37.32	62.96	-25.64	27.41	9.65	0.08	0.18	QP
9	0.230	17.95	52.44	-34.49	8.03	9.65	0.08	0.19	Average
10	0.230	33.98	62.44	-28.46	24.06	9.65	0.08	0.19	QP
11	0.258	18.08	51.51	-33.43	8.15	9.65	0.08	0.20	Average
12	0.258	31.09	61.51	-30.42	21.16	9.65	0.08	0.20	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).

Configuration 2: Laird part number: 453-00193

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	25.28	0.33729
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	25.25	0.33497
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	25.23	0.33343

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	23.31	23.31	30.00	25.71	36.00
2437MHz	Pass	2.40	25.28	25.28	30.00	27.68	36.00
2462MHz	Pass	2.40	21.34	21.34	30.00	23.74	36.00
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	23.38	23.38	30.00	25.78	36.00
2437MHz	Pass	2.40	25.25	25.25	30.00	27.65	36.00
2462MHz	Pass	2.40	21.55	21.55	30.00	23.95	36.00
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	23.55	23.55	30.00	25.95	36.00
2437MHz	Pass	2.40	25.23	25.23	30.00	27.63	36.00
2462MHz	Pass	2.40	21.62	21.62	30.00	24.02	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	18.48	0.07047
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	18.50	0.07079
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	18.41	0.06934

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	14.02	14.02	-	16.42	-
2437MHz	Pass	2.40	18.48	18.48	-	20.88	-
2462MHz	Pass	2.40	12.45	12.45	-	14.85	-
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	14.03	14.03	-	16.43	-
2437MHz	Pass	2.40	18.50	18.50	-	20.90	-
2462MHz	Pass	2.40	12.43	12.43	-	14.83	-
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	14.02	14.02	-	16.42	-
2437MHz	Pass	2.40	18.41	18.41	-	20.81	-
2462MHz	Pass	2.40	12.43	12.43	-	14.83	-

DG = Directional Gain; Port X = Port X output power
Note : Conducted average output power is for reference

Summary

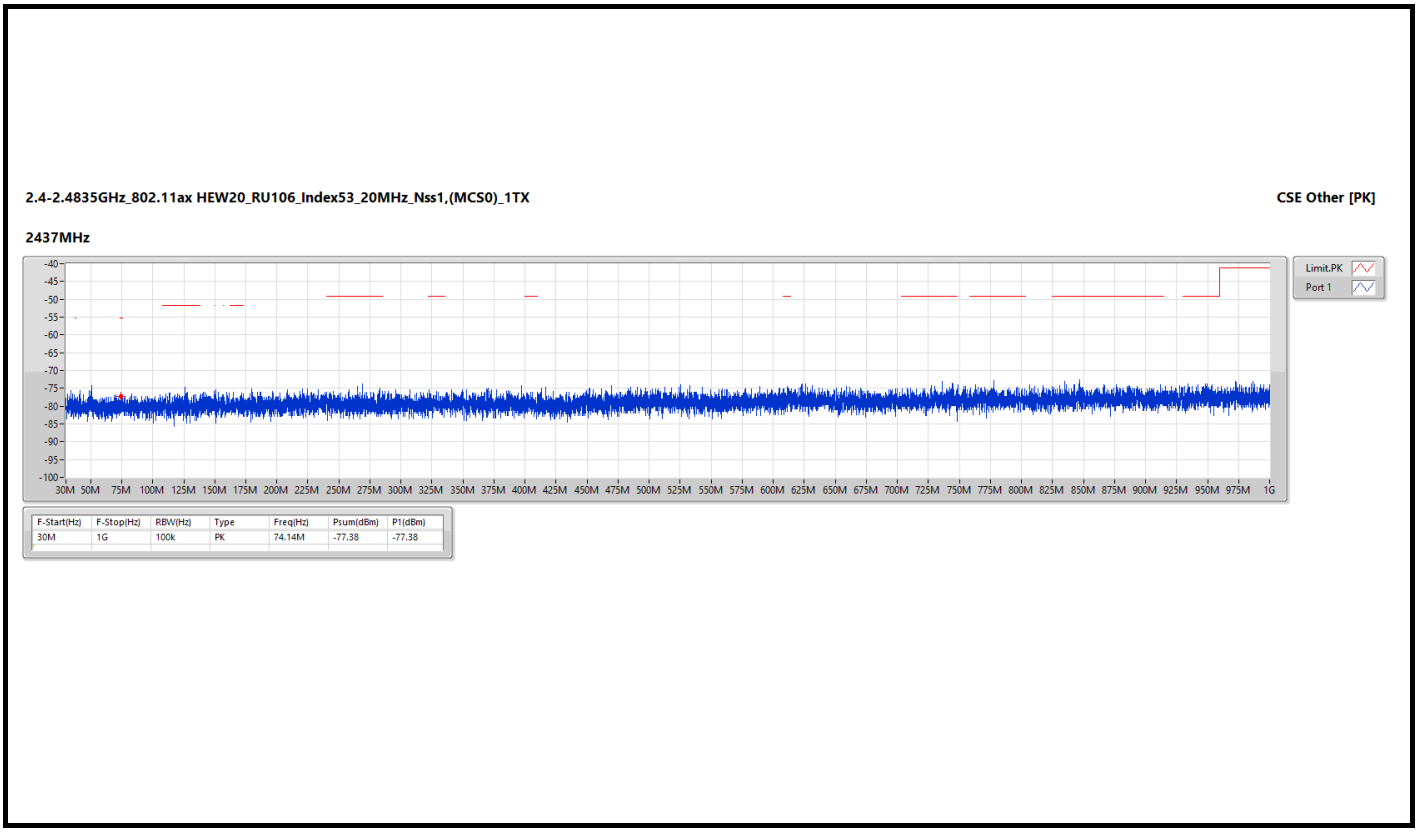
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-		-	-	-
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	Pass	30M	1G	PK	74.14M	2.40	-77.38	-77.38	4.70	-70.28	-55.20	-15.08

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-		-	-	-
2437MHz	Pass	30M	1G	PK	74.14M	2.40	-77.38	-77.38	4.70	-70.28	-55.20	-15.08

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX	Pass	2.31G	2.39G	PK	2.38992G	2.40	-29.16	-29.16	-26.76	-21.20	-5.56
802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX	Pass	2.31G	2.39G	PK	2.38636G	2.40	-28.27	-28.27	-25.87	-21.20	-4.67

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

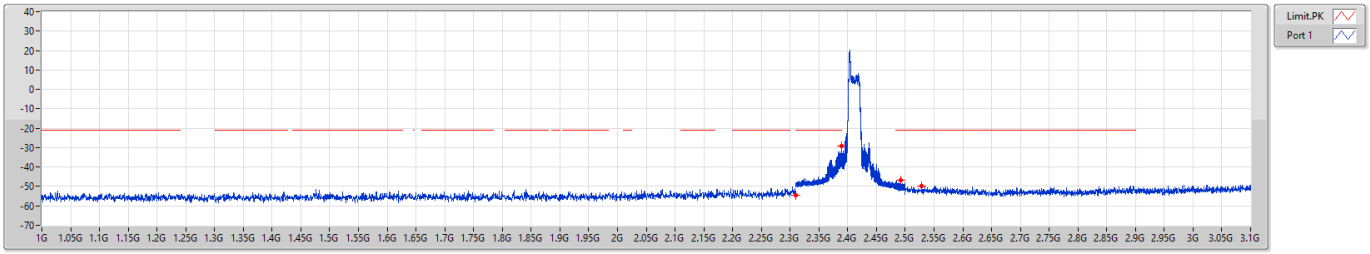
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.40	-60.70	-60.70	-58.30	-41.20	-17.10
2412MHz	Pass	2.31G	2.39G	AV	2.38688G	2.40	-54.56	-54.56	-52.16	-41.20	-10.96
2412MHz	Pass	2.4835G	2.5G	AV	2.48387G	2.40	-59.03	-59.03	-56.63	-41.20	-15.43
2412MHz	Pass	2.5G	3.1G	AV	2.503G	2.40	-59.88	-59.88	-57.48	-41.20	-16.28
2412MHz	Pass	1G	2.31G	PK	2.31G	2.40	-54.34	-54.34	-51.94	-21.20	-30.74
2412MHz	Pass	2.31G	2.39G	PK	2.38992G	2.40	-29.16	-29.16	-26.76	-21.20	-5.56
2412MHz	Pass	2.4835G	2.5G	PK	2.49279G	2.40	-46.99	-46.99	-44.59	-21.20	-23.39
2412MHz	Pass	2.5G	3.1G	PK	2.5285G	2.40	-49.69	-49.69	-47.29	-21.20	-26.09
802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.40	-61.78	-61.78	-59.38	-41.20	-18.18
2412MHz	Pass	2.31G	2.39G	AV	2.38652G	2.40	-50.60	-50.60	-48.20	-41.20	-7.00
2412MHz	Pass	2.4835G	2.5G	AV	2.49526G	2.40	-59.48	-59.48	-57.08	-41.20	-15.88
2412MHz	Pass	2.5G	3.1G	AV	2.5G	2.40	-59.93	-59.93	-57.53	-41.20	-16.33
2412MHz	Pass	1G	2.31G	PK	2.31G	2.40	-53.47	-53.47	-51.07	-21.20	-29.87
2412MHz	Pass	2.31G	2.39G	PK	2.38636G	2.40	-28.27	-28.27	-25.87	-21.20	-4.67
2412MHz	Pass	2.4835G	2.5G	PK	2.4949G	2.40	-48.85	-48.85	-46.45	-21.20	-25.25
2412MHz	Pass	2.5G	3.1G	PK	2.5153G	2.40	-49.98	-49.98	-47.58	-21.20	-26.38

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

2.4-2.4835GHz_802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

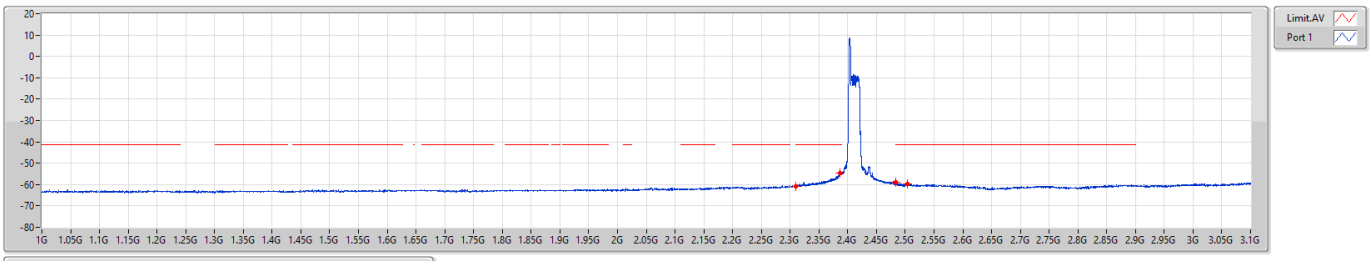
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-54.34	-54.34
2.31G	2.39G	1M	PK	2.38992G	-29.16	-29.16
2.4835G	2.5G	1M	PK	2.49279G	-46.99	-46.99
2.5G	3.1G	1M	PK	2.5285G	-49.69	-49.69

2.4-2.4835GHz_802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

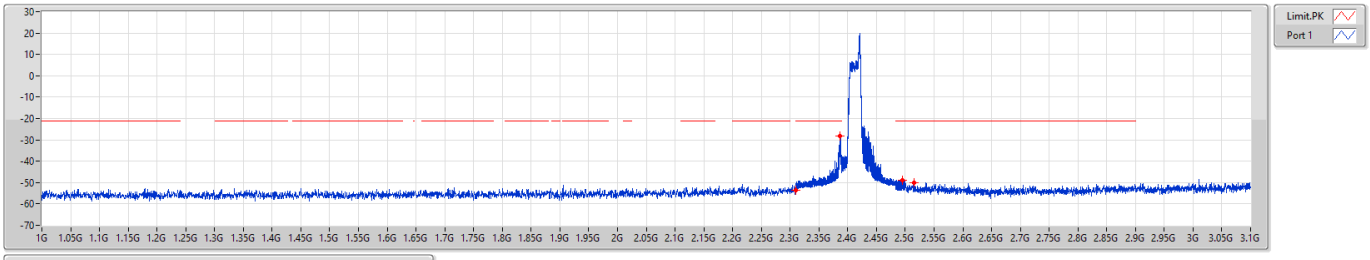
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-60.70	-60.70
2.31G	2.39G	1M	AV	2.38688G	-54.56	-54.56
2.4835G	2.5G	1M	AV	2.48387G	-59.03	-59.03
2.5G	3.1G	1M	AV	2.503G	-59.88	-59.88

2.4-2.4835GHz_802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

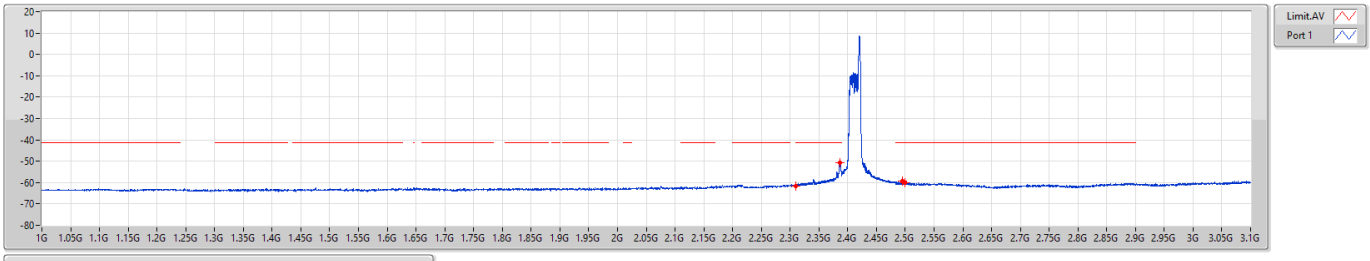
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-53.47	-53.47
2.31G	2.39G	1M	PK	2.38636G	-28.27	-28.27
2.4835G	2.5G	1M	PK	2.4949G	-48.85	-48.85
2.5G	3.1G	1M	PK	2.5153G	-49.98	-49.98

2.4-2.4835GHz_802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-61.78	-61.78
2.31G	2.39G	1M	AV	2.38652G	-50.60	-50.60
2.4835G	2.5G	1M	AV	2.49526G	-59.48	-59.48
2.5G	3.1G	1M	AV	2.5G	-59.93	-59.93

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	Pass	4G	5G	AV	4.824G	2.40	-59.65	-59.65	-57.25	-41.20	-16.05

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

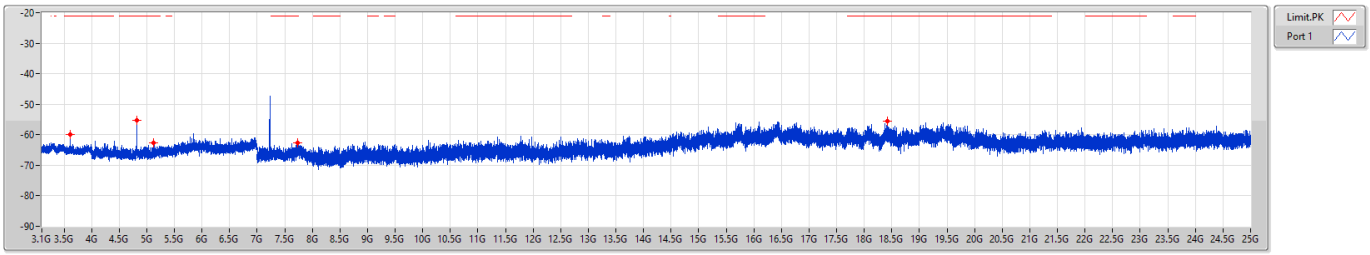
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3.1G	4G	AV	3.61795G	2.40	-65.07	-65.07	-62.67	-41.20	-21.47
2412MHz	Pass	4G	5G	AV	4.824G	2.40	-59.65	-59.65	-57.25	-41.20	-16.05
2412MHz	Pass	5G	7G	AV	5.248G	2.40	-73.15	-73.15	-70.75	-41.20	-29.55
2412MHz	Pass	7G	8G	AV	7.749G	2.40	-72.28	-72.28	-69.88	-41.20	-28.68
2412MHz	Pass	8G	25G	AV	19.05G	2.40	-65.25	-65.25	-62.85	-41.20	-21.65
2412MHz	Pass	3.1G	4G	PK	3.6184G	2.40	-60.04	-60.04	-57.64	-21.20	-36.44
2412MHz	Pass	4G	5G	PK	4.819G	2.40	-55.32	-55.32	-52.92	-21.20	-31.72
2412MHz	Pass	5G	7G	PK	5.1285G	2.40	-62.75	-62.75	-60.35	-21.20	-39.15
2412MHz	Pass	7G	8G	PK	7.7335G	2.40	-62.67	-62.67	-60.27	-21.20	-39.07
2412MHz	Pass	8G	25G	PK	18.42153G	2.40	-55.56	-55.56	-53.16	-21.20	-31.96

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

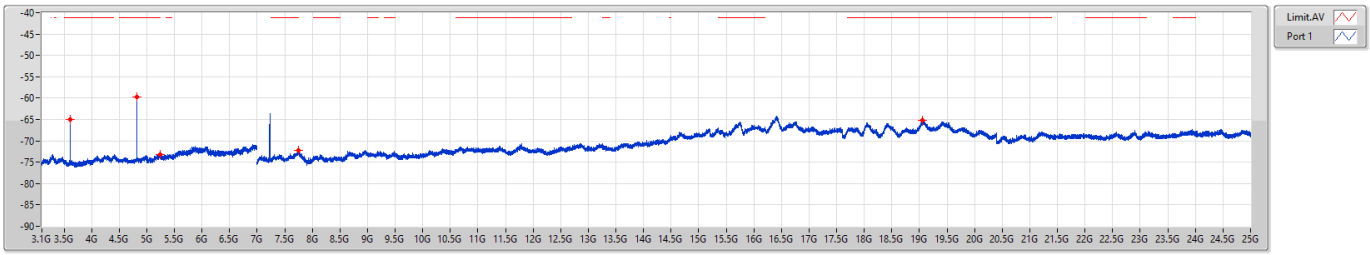
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.6184G	-60.04	-60.04
4G	5G	1M	PK	4.819G	-55.32	-55.32
5G	7G	1M	PK	5.1285G	-62.75	-62.75
7G	8G	1M	PK	7.7335G	-62.67	-62.67
8G	25G	1M	PK	18.42153G	-55.56	-55.56

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

2412MHz

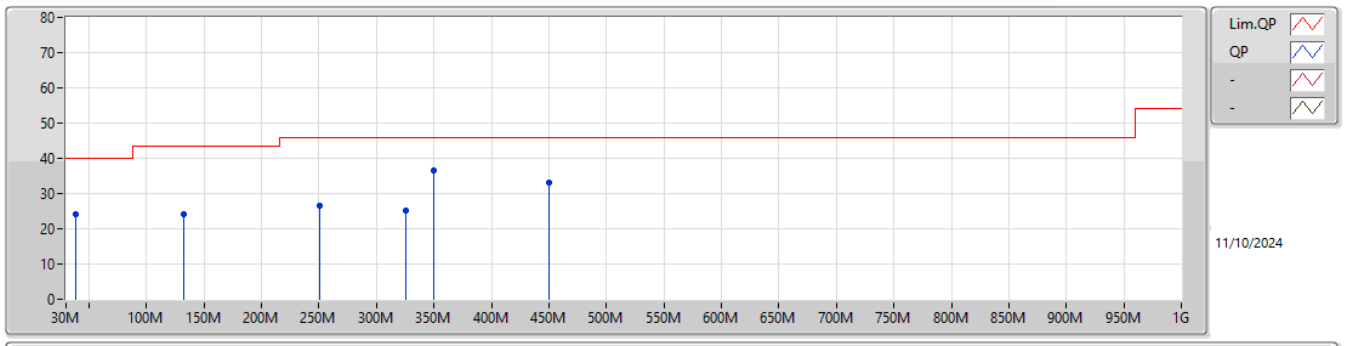


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.61795G	-65.07	-65.07
4G	5G	1M	AV	4.824G	-59.65	-59.65
5G	7G	1M	AV	5.248G	-73.15	-73.15
7G	8G	1M	AV	7.749G	-72.28	-72.28
8G	25G	1M	AV	19.05G	-65.25	-65.25

Summary

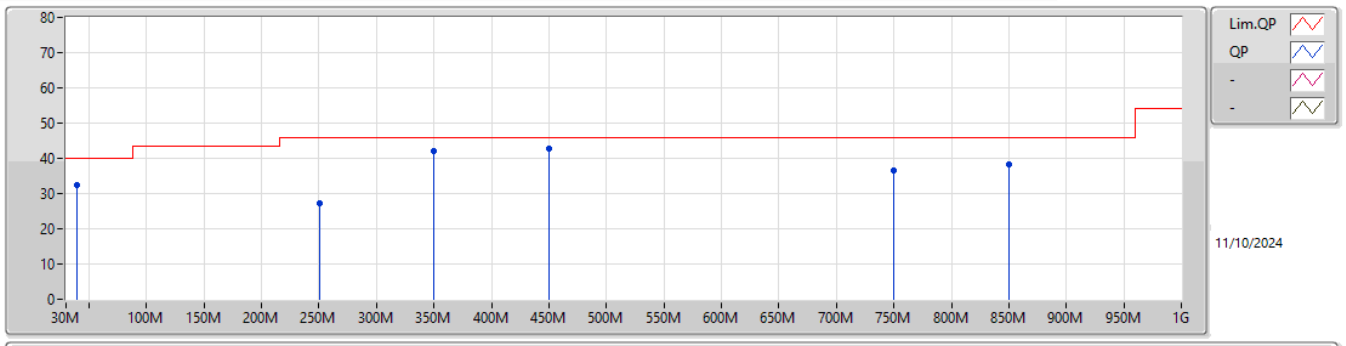
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	450.01M	42.59	46.00	-3.41	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	38.62M	24.13	40.00	-15.87	-9.17	3	Horizontal	-	-	-	33.30	18.36	0.58	28.11
PK	132.68M	24.23	43.50	-19.27	-9.84	3	Horizontal	-	-	-	34.07	17.27	1.14	28.25
PK	250.19M	26.44	46.00	-19.56	-9.77	3	Horizontal	-	-	-	36.21	16.91	1.57	28.25
PK	325.13M	25.33	46.00	-20.67	-7.20	3	Horizontal	-	-	-	32.53	19.20	1.81	28.21
PK	350.1M	36.48	46.00	-9.52	-6.88	3	Horizontal	-	-	-	43.36	19.50	1.82	28.20
PK	450.01M	33.12	46.00	-12.88	-4.11	3	Horizontal	-	-	-	37.23	22.10	1.98	28.19

Mode 1



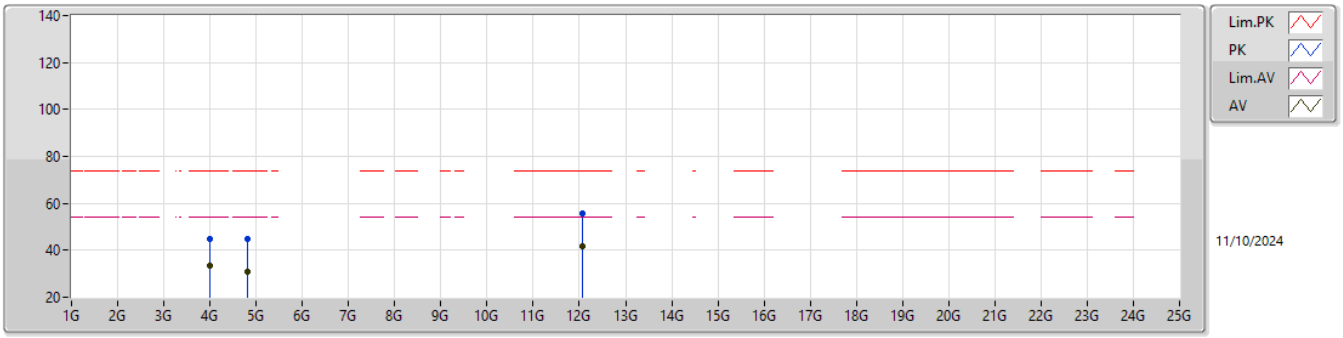
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	39.71M	32.48	40.00	-7.52	-9.05	3	Vertical	-	-	-	41.53	18.47	0.59	28.11
PK	250.16M	27.33	46.00	-18.67	-9.77	3	Vertical	-	-	-	37.10	16.91	1.57	28.25
QP	350.1M	42.11	46.00	-3.89	-6.88	3	Vertical	106	1.19	-	48.99	19.50	1.82	28.20
QP	450.01M	42.59	46.00	-3.41	-4.11	3	Vertical	221	1.00	-	46.70	22.10	1.98	28.19
PK	749.66M	36.48	46.00	-9.52	1.81	3	Vertical	-	-	-	34.67	26.99	2.75	27.93
PK	850.23M	38.22	46.00	-7.78	3.13	3	Vertical	-	-	-	35.09	28.00	2.89	27.76

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	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU106_Index53_20MHz _Nss1,(MCS0)_1TX	Pass	AV	12.06G	41.64	54.00	-12.36	3	Horizontal	117	1.00	-

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX

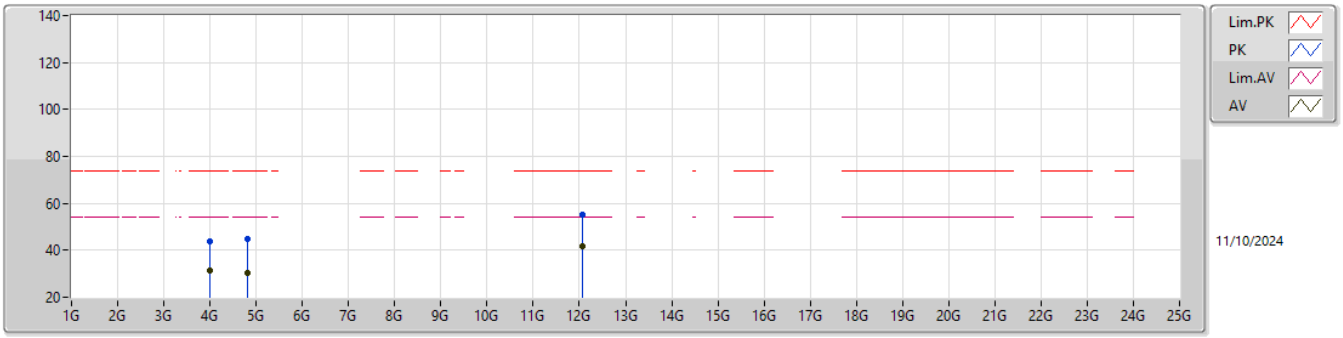
2412MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	33.20	54.00	-20.80	35.47	3	Horizontal	187	1.86	-	29.70	6.02	37.99
PK	4G	44.57	74.00	-29.43	46.84	3	Horizontal	187	1.86	-	29.70	6.02	37.99
AV	4.824G	30.68	54.00	-23.32	31.25	3	Horizontal	203	1.00	-	31.25	6.71	38.53
PK	4.824G	44.67	74.00	-29.33	45.24	3	Horizontal	203	1.00	-	31.25	6.71	38.53
AV	12.06G	41.64	54.00	-12.36	35.02	3	Horizontal	117	1.00	-	39.22	10.24	42.84
PK	12.06G	55.53	74.00	-18.47	48.91	3	Horizontal	117	1.00	-	39.22	10.24	42.84

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX

2412MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	31.33	54.00	-22.67	33.60	3	Vertical	187	1.66	-	29.70	6.02	37.99
PK	4G	43.56	74.00	-30.44	45.83	3	Vertical	187	1.66	-	29.70	6.02	37.99
AV	4.824G	30.56	54.00	-23.44	31.13	3	Vertical	230	1.00	-	31.25	6.71	38.53
PK	4.824G	44.57	74.00	-29.43	45.14	3	Vertical	230	1.00	-	31.25	6.71	38.53
AV	12.06G	41.55	54.00	-12.45	34.93	3	Vertical	186	1.00	-	39.22	10.24	42.84
PK	12.06G	55.40	74.00	-18.60	48.78	3	Vertical	186	1.00	-	39.22	10.24	42.84

Configuration 3: Laird part number: 453-00213

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	25.27	0.33651
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	25.28	0.33729
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	25.29	0.33806

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	23.45	23.45	30.00	25.85	36.00
2437MHz	Pass	2.40	25.27	25.27	30.00	27.67	36.00
2462MHz	Pass	2.40	21.26	21.26	30.00	23.66	36.00
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	23.26	23.26	30.00	25.66	36.00
2437MHz	Pass	2.40	25.28	25.28	30.00	27.68	36.00
2462MHz	Pass	2.40	21.43	21.43	30.00	23.83	36.00
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	23.55	23.55	30.00	25.95	36.00
2437MHz	Pass	2.40	25.29	25.29	30.00	27.69	36.00
2462MHz	Pass	2.40	21.62	21.62	30.00	24.02	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	18.48	0.07047
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	18.42	0.06950
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	18.48	0.07047

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	14.04	14.04	-	16.44	-
2437MHz	Pass	2.40	18.48	18.48	-	20.88	-
2462MHz	Pass	2.40	12.42	12.42	-	14.82	-
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	14.05	14.05	-	16.45	-
2437MHz	Pass	2.40	18.42	18.42	-	20.82	-
2462MHz	Pass	2.40	12.46	12.46	-	14.86	-
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	13.91	13.91	-	16.31	-
2437MHz	Pass	2.40	18.48	18.48	-	20.88	-
2462MHz	Pass	2.40	12.44	12.44	-	14.84	-

DG = Directional Gain; Port X = Port X output power
Note : Conducted average output power is for reference

Summary

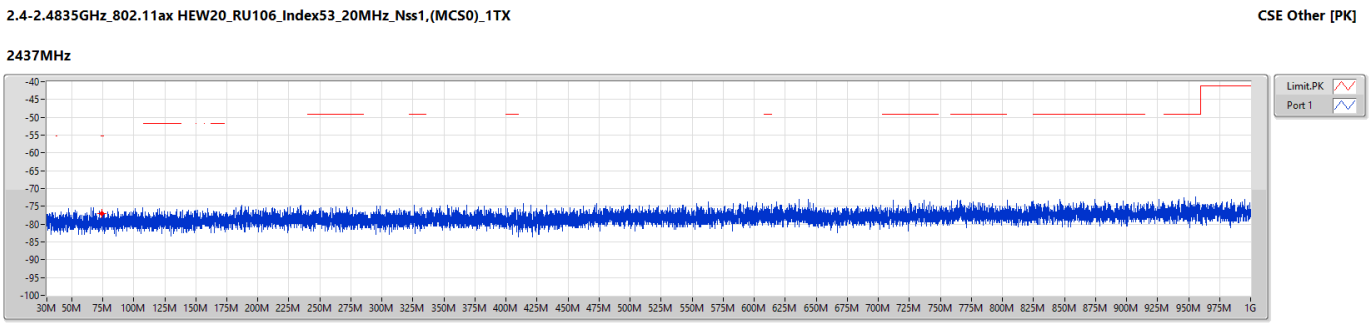
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-		-	-	-
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	Pass	30M	1G	PK	74.47M	2.40	-77.03	-77.03	4.70	-69.93	-55.20	-14.73

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-		-	-	-
2437MHz	Pass	30M	1G	PK	74.47M	2.40	-77.03	-77.03	4.70	-69.93	-55.20	-14.73

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX	Pass	2.31G	2.39G	AV	2.38748G	2.40	-55.10	-55.10	-52.70	-41.20	-11.50
802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX	Pass	2.31G	2.39G	PK	2.38744G	2.40	-28.83	-28.83	-26.43	-21.20	-5.23

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

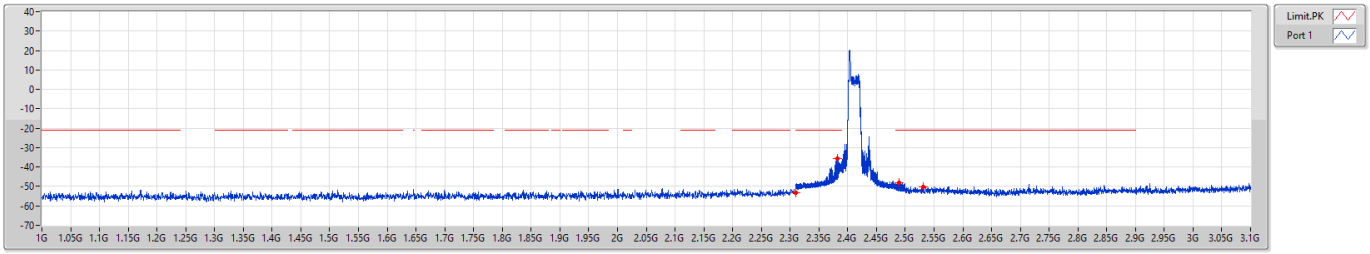
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.40	-60.54	-60.54	-58.14	-41.20	-16.94
2412MHz	Pass	2.31G	2.39G	AV	2.38748G	2.40	-55.10	-55.10	-52.70	-41.20	-11.50
2412MHz	Pass	2.4835G	2.5G	AV	2.48364G	2.40	-59.33	-59.33	-56.93	-41.20	-15.73
2412MHz	Pass	2.5G	3.1G	AV	2.5075G	2.40	-59.94	-59.94	-57.54	-41.20	-16.34
2412MHz	Pass	1G	2.31G	PK	2.31G	2.40	-53.25	-53.25	-50.85	-21.20	-29.65
2412MHz	Pass	2.31G	2.39G	PK	2.38164G	2.40	-35.61	-35.61	-33.21	-21.20	-12.01
2412MHz	Pass	2.4835G	2.5G	PK	2.48935G	2.40	-48.23	-48.23	-45.83	-21.20	-24.63
2412MHz	Pass	2.5G	3.1G	PK	2.5318G	2.40	-50.06	-50.06	-47.66	-21.20	-26.46
802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.40	-61.06	-61.06	-58.66	-41.20	-17.46
2412MHz	Pass	2.31G	2.39G	AV	2.38656G	2.40	-51.30	-51.30	-48.90	-41.20	-7.70
2412MHz	Pass	2.4835G	2.5G	AV	2.49512G	2.40	-59.04	-59.04	-56.64	-41.20	-15.44
2412MHz	Pass	2.5G	3.1G	AV	2.5006G	2.40	-59.49	-59.49	-57.09	-41.20	-15.89
2412MHz	Pass	1G	2.31G	PK	2.31G	2.40	-52.51	-52.51	-50.11	-21.20	-28.91
2412MHz	Pass	2.31G	2.39G	PK	2.38744G	2.40	-28.83	-28.83	-26.43	-21.20	-5.23
2412MHz	Pass	2.4835G	2.5G	PK	2.49522G	2.40	-47.33	-47.33	-44.93	-21.20	-23.73
2412MHz	Pass	2.5G	3.1G	PK	2.5063G	2.40	-47.88	-47.88	-45.48	-21.20	-24.28

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

2.4-2.4835GHz_802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

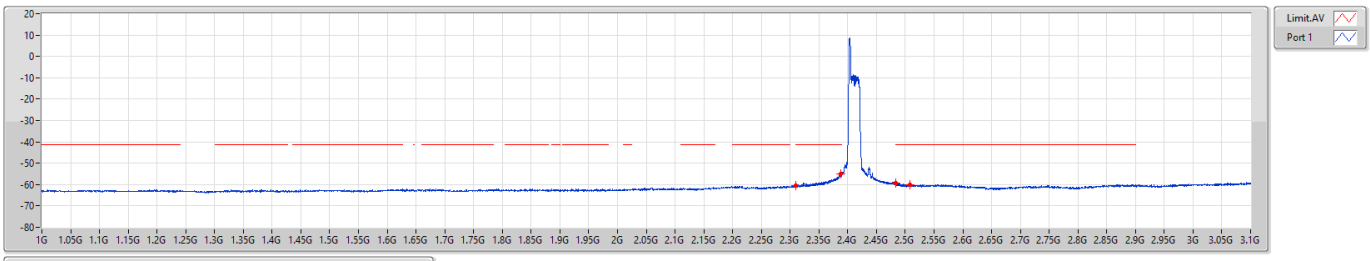
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-53.25	-53.25
2.31G	2.39G	1M	PK	2.38164G	-35.61	-35.61
2.4835G	2.5G	1M	PK	2.48935G	-48.23	-48.23
2.5G	3.1G	1M	PK	2.5318G	-50.06	-50.06

2.4-2.4835GHz_802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

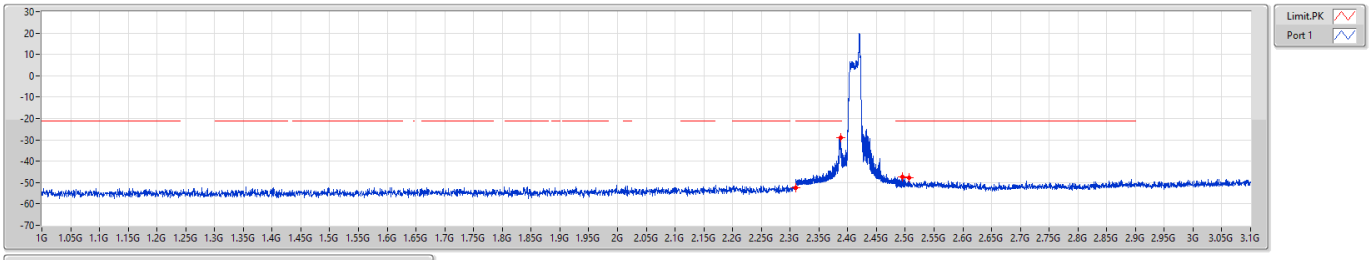
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-60.54	-60.54
2.31G	2.39G	1M	AV	2.38748G	-55.10	-55.10
2.4835G	2.5G	1M	AV	2.48364G	-59.33	-59.33
2.5G	3.1G	1M	AV	2.5075G	-59.94	-59.94

2.4-2.4835GHz_802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

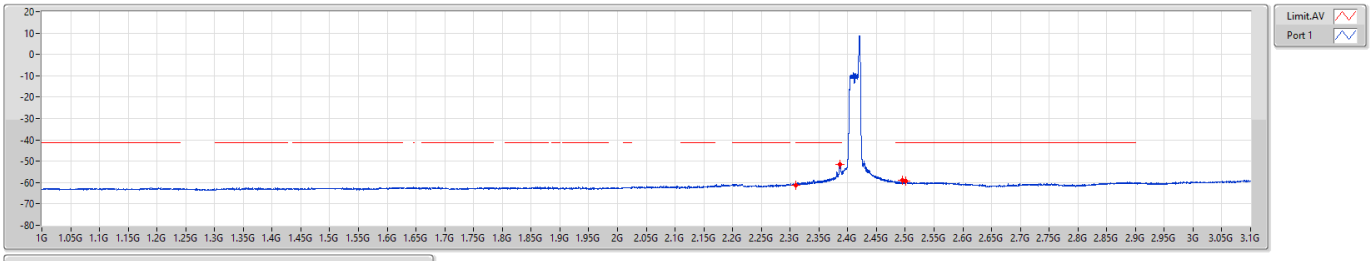
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-52.51	-52.51
2.31G	2.39G	1M	PK	2.38744G	-28.83	-28.83
2.4835G	2.5G	1M	PK	2.49522G	-47.33	-47.33
2.5G	3.1G	1M	PK	2.5063G	-47.88	-47.88

2.4-2.4835GHz_802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-61.06	-61.06
2.31G	2.39G	1M	AV	2.38656G	-51.30	-51.30
2.4835G	2.5G	1M	AV	2.49512G	-59.04	-59.04
2.5G	3.1G	1M	AV	2.5006G	-59.49	-59.49

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	Pass	4G	5G	AV	4.824G	2.40	-59.11	-59.11	-56.71	-41.20	-15.51

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

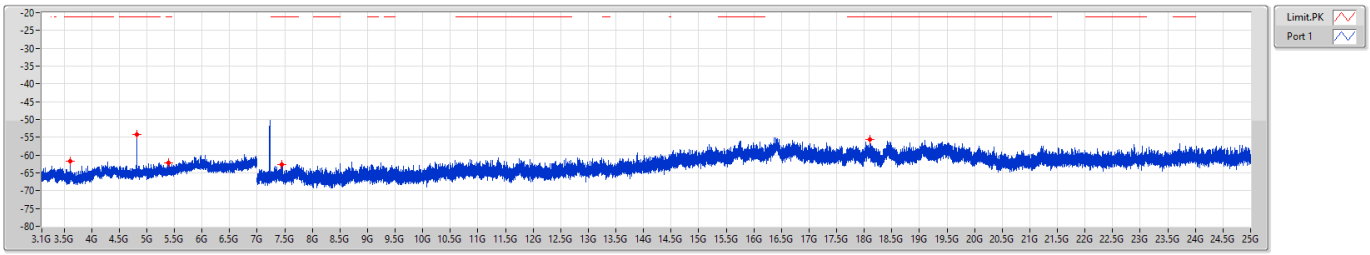
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3.1G	4G	AV	3.61795G	2.40	-65.95	-65.95	-63.55	-41.20	-22.35
2412MHz	Pass	4G	5G	AV	4.824G	2.40	-59.11	-59.11	-56.71	-41.20	-15.51
2412MHz	Pass	5G	7G	AV	5.2035G	2.40	-72.88	-72.88	-70.48	-41.20	-29.28
2412MHz	Pass	7G	8G	AV	7.74G	2.40	-72.40	-72.40	-70.00	-41.20	-28.80
2412MHz	Pass	8G	25G	AV	19.07869G	2.40	-65.45	-65.45	-63.05	-41.20	-21.85
2412MHz	Pass	3.1G	4G	PK	3.61795G	2.40	-61.74	-61.74	-59.34	-21.20	-38.14
2412MHz	Pass	4G	5G	PK	4.821G	2.40	-54.14	-54.14	-51.74	-21.20	-30.54
2412MHz	Pass	5G	7G	PK	5.388G	2.40	-62.17	-62.17	-59.77	-21.20	-38.57
2412MHz	Pass	7G	8G	PK	7.4405G	2.40	-62.54	-62.54	-60.14	-21.20	-38.94
2412MHz	Pass	8G	25G	PK	18.10066G	2.40	-55.62	-55.62	-53.22	-21.20	-32.02

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

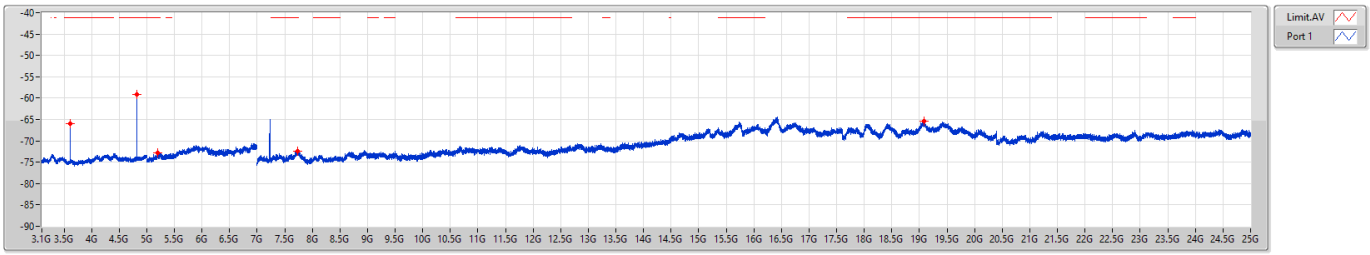
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.61795G	-61.74	-61.74
4G	5G	1M	PK	4.821G	-54.14	-54.14
5G	7G	1M	PK	5.388G	-62.17	-62.17
7G	8G	1M	PK	7.4405G	-62.54	-62.54
8G	25G	1M	PK	18.10066G	-55.62	-55.62

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

2412MHz

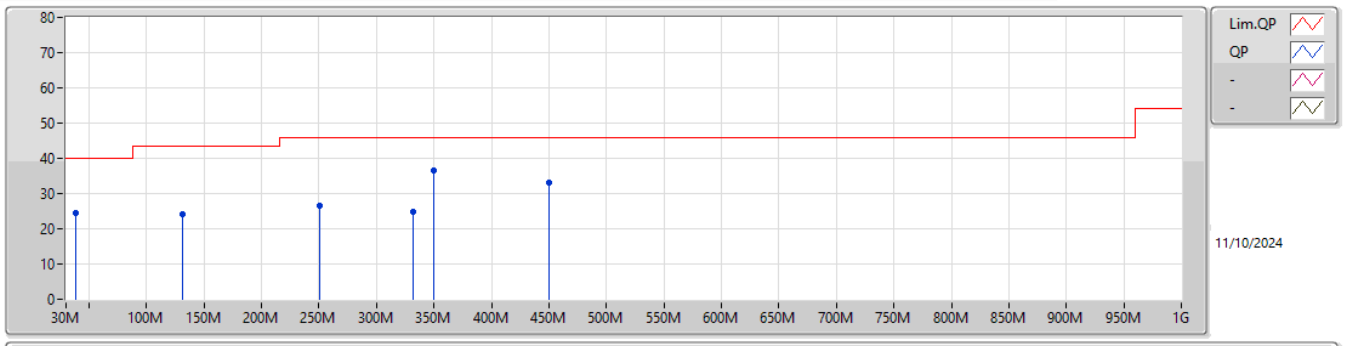


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.61795G	-65.95	-65.95
4G	5G	1M	AV	4.824G	-59.11	-59.11
5G	7G	1M	AV	5.2035G	-72.88	-72.88
7G	8G	1M	AV	7.74G	-72.40	-72.40
8G	25G	1M	AV	19.07869G	-65.45	-65.45

Summary

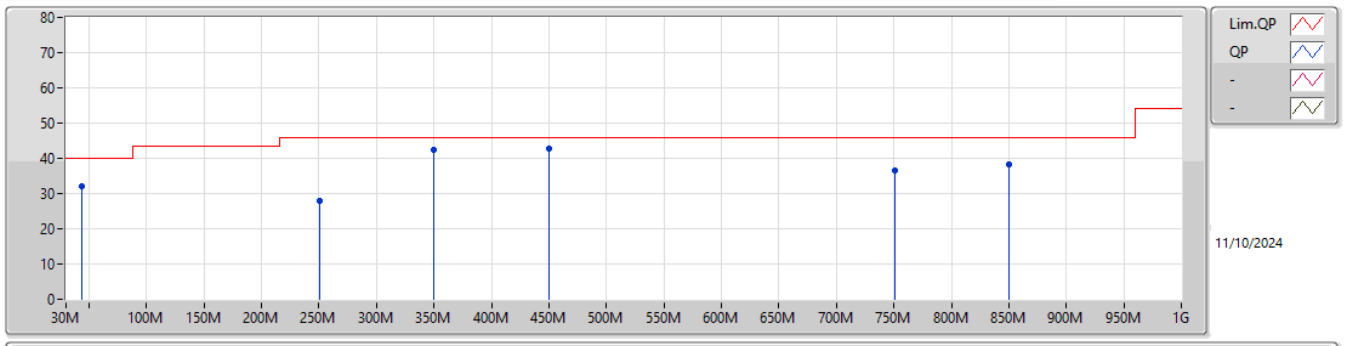
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	450.01M	42.66	46.00	-3.34	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	38.46M	24.37	40.00	-15.63	-9.18	3	Horizontal	-	-	-	33.55	18.35	0.58	28.11
PK	131.51M	24.26	43.50	-19.24	-9.91	3	Horizontal	-	-	-	34.17	17.20	1.14	28.25
PK	250.33M	26.48	46.00	-19.52	-9.77	3	Horizontal	-	-	-	36.25	16.91	1.57	28.25
PK	331.37M	24.84	46.00	-21.16	-7.10	3	Horizontal	-	-	-	31.94	19.30	1.81	28.21
PK	350.1M	36.42	46.00	-9.58	-6.88	3	Horizontal	-	-	-	43.30	19.50	1.82	28.20
PK	450.01M	33.18	46.00	-12.82	-4.11	3	Horizontal	-	-	-	37.29	22.10	1.98	28.19

Mode 1



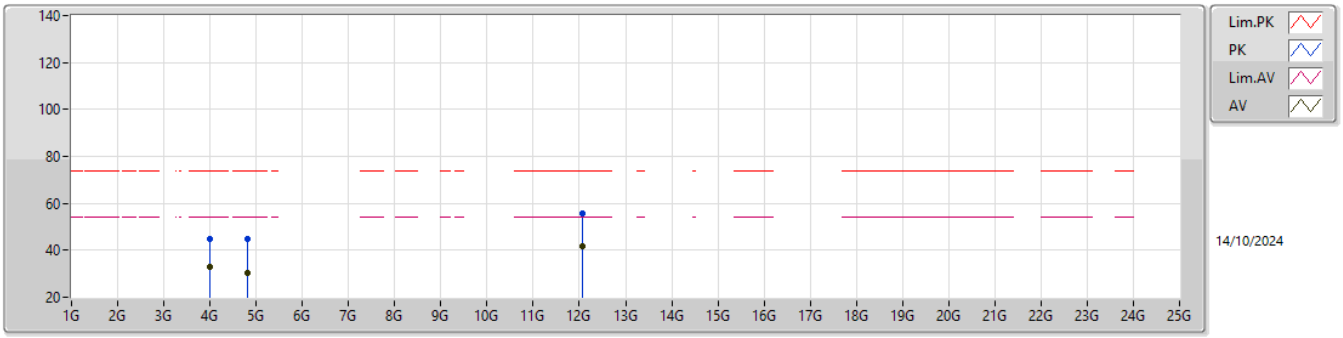
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	43.42M	32.18	40.00	-7.82	-8.65	3	Vertical	-	-	-	40.83	18.87	0.60	28.12
PK	250.22M	27.83	46.00	-18.17	-9.77	3	Vertical	-	-	-	37.60	16.91	1.57	28.25
QP	350.1M	42.43	46.00	-3.57	-6.88	3	Vertical	106	1.19	-	49.31	19.50	1.82	28.20
QP	450.01M	42.66	46.00	-3.34	-4.11	3	Vertical	223	1.00	-	46.77	22.10	1.98	28.19
PK	751.31M	36.48	46.00	-9.52	1.86	3	Vertical	-	-	-	34.62	27.03	2.75	27.92
PK	850.11M	38.26	46.00	-7.74	3.13	3	Vertical	-	-	-	35.13	28.00	2.89	27.76

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	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU106_Index53_20MHz _Nss1,(MCS0)_1TX	Pass	AV	12.06G	41.72	54.00	-12.28	3	Horizontal	117	1.00	-

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX

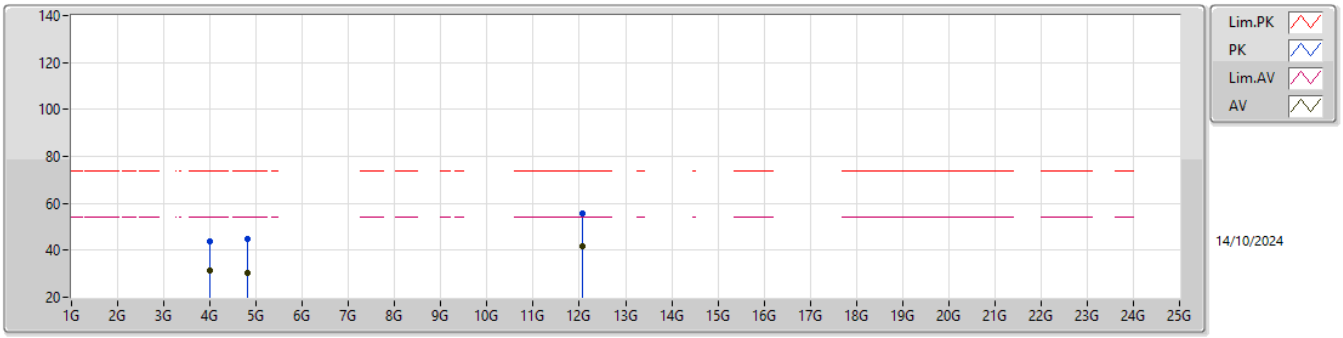
2412MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	33.18	54.00	-20.82	35.45	3	Horizontal	187	1.86	-	29.70	6.02	37.99
PK	4G	44.62	74.00	-29.38	46.89	3	Horizontal	187	1.86	-	29.70	6.02	37.99
AV	4.824G	30.59	54.00	-23.41	31.16	3	Horizontal	203	1.00	-	31.25	6.71	38.53
PK	4.824G	44.68	74.00	-29.32	45.25	3	Horizontal	203	1.00	-	31.25	6.71	38.53
AV	12.06G	41.72	54.00	-12.28	35.10	3	Horizontal	117	1.00	-	39.22	10.24	42.84
PK	12.06G	55.84	74.00	-18.16	49.22	3	Horizontal	117	1.00	-	39.22	10.24	42.84

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX

2412MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	31.28	54.00	-22.72	33.55	3	Vertical	186	1.71	-	29.70	6.02	37.99
PK	4G	43.66	74.00	-30.34	45.93	3	Vertical	186	1.71	-	29.70	6.02	37.99
AV	4.824G	30.51	54.00	-23.49	31.08	3	Vertical	231	1.00	-	31.25	6.71	38.53
PK	4.824G	44.58	74.00	-29.42	45.15	3	Vertical	231	1.00	-	31.25	6.71	38.53
AV	12.06G	41.64	54.00	-12.36	35.02	3	Vertical	188	1.00	-	39.22	10.24	42.84
PK	12.06G	55.51	74.00	-18.49	48.89	3	Vertical	188	1.00	-	39.22	10.24	42.84

Configuration 4: Laird part number: 453-00214

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	25.21	0.33189
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	25.18	0.32961
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	25.23	0.33343

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	23.48	23.48	30.00	25.88	36.00
2437MHz	Pass	2.40	25.21	25.21	30.00	27.61	36.00
2462MHz	Pass	2.40	21.32	21.32	30.00	23.72	36.00
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	23.38	23.38	30.00	25.78	36.00
2437MHz	Pass	2.40	25.18	25.18	30.00	27.58	36.00
2462MHz	Pass	2.40	21.58	21.58	30.00	23.98	36.00
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	23.55	23.55	30.00	25.95	36.00
2437MHz	Pass	2.40	25.23	25.23	30.00	27.63	36.00
2462MHz	Pass	2.40	21.68	21.68	30.00	24.08	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	18.42	0.06950
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	18.39	0.06902
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	18.41	0.06934

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	13.95	13.95	-	16.35	-
2437MHz	Pass	2.40	18.42	18.42	-	20.82	-
2462MHz	Pass	2.40	12.45	12.45	-	14.85	-
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	14.01	14.01	-	16.41	-
2437MHz	Pass	2.40	18.39	18.39	-	20.79	-
2462MHz	Pass	2.40	12.40	12.40	-	14.80	-
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.40	14.02	14.02	-	16.42	-
2437MHz	Pass	2.40	18.41	18.41	-	20.81	-
2462MHz	Pass	2.40	12.41	12.41	-	14.81	-

DG = Directional Gain; Port X = Port X output power
Note : Conducted average output power is for reference

Summary

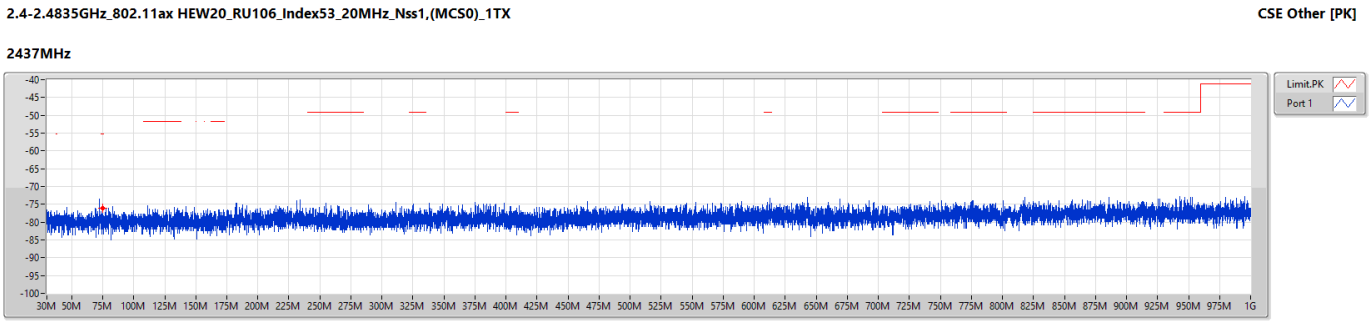
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-		-	-	-
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	Pass	30M	1G	PK	74.91M	2.40	-76.04	-76.04	4.70	-68.94	-55.20	-13.74

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-		-	-	-
2437MHz	Pass	30M	1G	PK	74.91M	2.40	-76.04	-76.04	4.70	-68.94	-55.20	-13.74

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX	Pass	2.31G	2.39G	PK	2.38952G	2.40	-32.89	-32.89	-30.49	-21.20	-9.29
802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX	Pass	2.31G	2.39G	PK	2.38712G	2.40	-28.76	-28.76	-26.36	-21.20	-5.16

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

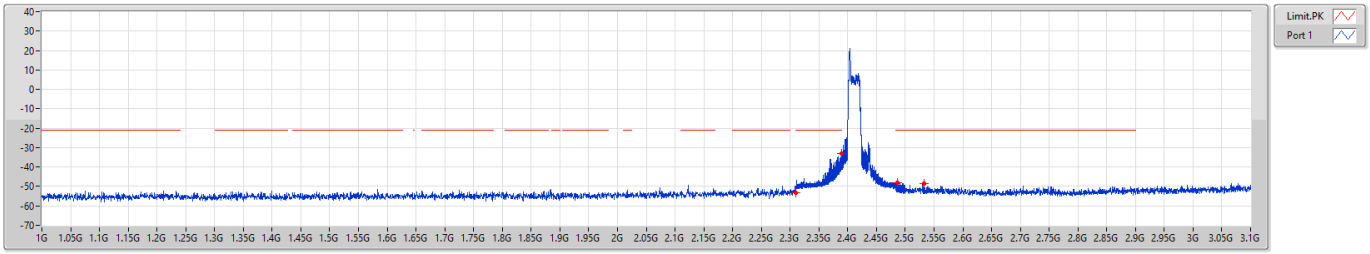
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.40	-60.80	-60.80	-58.40	-41.20	-17.20
2412MHz	Pass	2.31G	2.39G	AV	2.388G	2.40	-54.67	-54.67	-52.27	-41.20	-11.07
2412MHz	Pass	2.4835G	2.5G	AV	2.48418G	2.40	-58.44	-58.44	-56.04	-41.20	-14.84
2412MHz	Pass	2.5G	3.1G	AV	2.5009G	2.40	-59.98	-59.98	-57.58	-41.20	-16.38
2412MHz	Pass	1G	2.31G	PK	2.31G	2.40	-53.36	-53.36	-50.96	-21.20	-29.76
2412MHz	Pass	2.31G	2.39G	PK	2.38952G	2.40	-32.89	-32.89	-30.49	-21.20	-9.29
2412MHz	Pass	2.4835G	2.5G	PK	2.48606G	2.40	-48.18	-48.18	-45.78	-21.20	-24.58
2412MHz	Pass	2.5G	3.1G	PK	2.5333G	2.40	-48.72	-48.72	-46.32	-21.20	-25.12
802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.40	-61.34	-61.34	-58.94	-41.20	-17.74
2412MHz	Pass	2.31G	2.39G	AV	2.38664G	2.40	-50.66	-50.66	-48.26	-41.20	-7.06
2412MHz	Pass	2.4835G	2.5G	AV	2.49979G	2.40	-59.02	-59.02	-56.62	-41.20	-15.42
2412MHz	Pass	2.5G	3.1G	AV	2.5027G	2.40	-59.72	-59.72	-57.32	-41.20	-16.12
2412MHz	Pass	1G	2.31G	PK	2.31G	2.40	-52.12	-52.12	-49.72	-21.20	-28.52
2412MHz	Pass	2.31G	2.39G	PK	2.38712G	2.40	-28.76	-28.76	-26.36	-21.20	-5.16
2412MHz	Pass	2.4835G	2.5G	PK	2.49833G	2.40	-47.93	-47.93	-45.53	-21.20	-24.33
2412MHz	Pass	2.5G	3.1G	PK	2.5426G	2.40	-49.39	-49.39	-46.99	-21.20	-25.79

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

2.4-2.4835GHz_802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

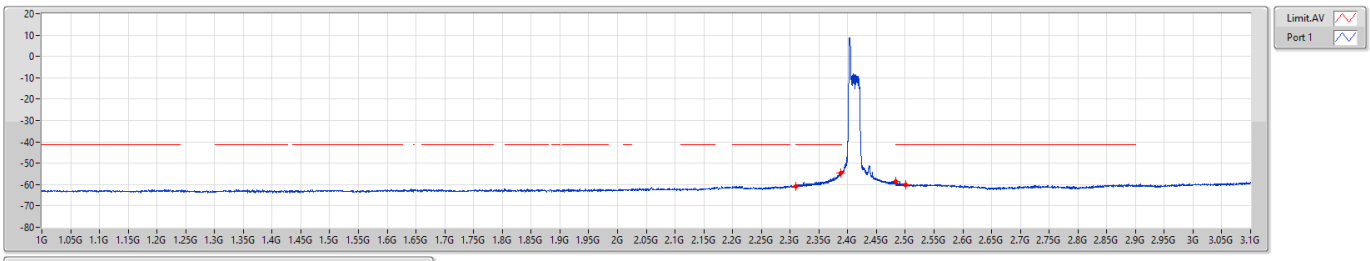
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-53.36	-53.36
2.31G	2.39G	1M	PK	2.38952G	-32.89	-32.89
2.4835G	2.5G	1M	PK	2.48606G	-48.18	-48.18
2.5G	3.1G	1M	PK	2.5333G	-48.72	-48.72

2.4-2.4835GHz_802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

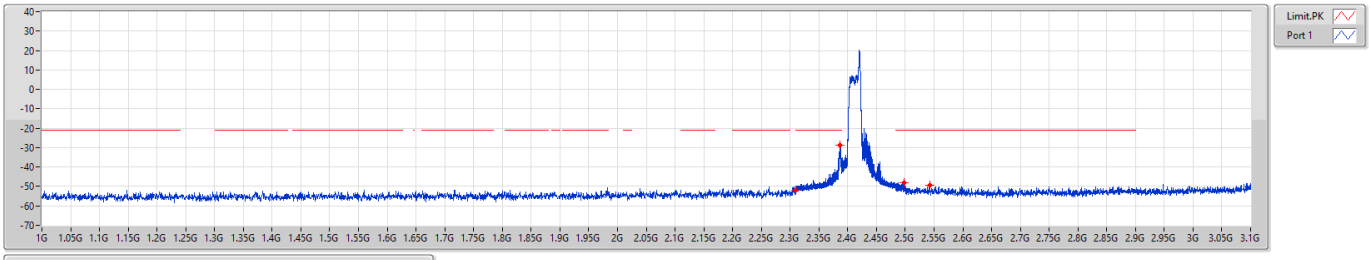
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-60.80	-60.80
2.31G	2.39G	1M	AV	2.388G	-54.67	-54.67
2.4835G	2.5G	1M	AV	2.48418G	-58.44	-58.44
2.5G	3.1G	1M	AV	2.5009G	-59.98	-59.98

2.4-2.4835GHz_802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

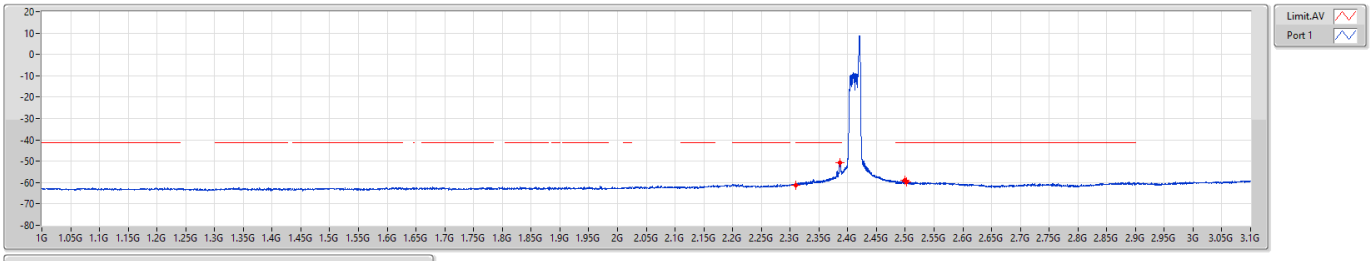
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-52.12	-52.12
2.31G	2.39G	1M	PK	2.38712G	-28.76	-28.76
2.4835G	2.5G	1M	PK	2.49833G	-47.93	-47.93
2.5G	3.1G	1M	PK	2.5426G	-49.39	-49.39

2.4-2.4835GHz_802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-61.34	-61.34
2.31G	2.39G	1M	AV	2.38664G	-50.66	-50.66
2.4835G	2.5G	1M	AV	2.49979G	-59.02	-59.02
2.5G	3.1G	1M	AV	2.5027G	-59.72	-59.72

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	Pass	4G	5G	AV	4.824G	2.40	-59.57	-59.57	-57.17	-41.20	-15.97

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

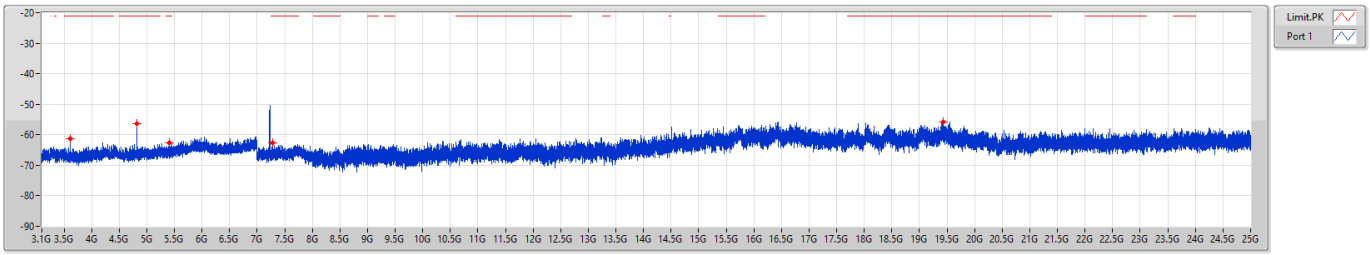
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3.1G	4G	AV	3.61795G	2.40	-66.06	-66.06	-63.66	-41.20	-22.46
2412MHz	Pass	4G	5G	AV	4.824G	2.40	-59.57	-59.57	-57.17	-41.20	-15.97
2412MHz	Pass	5G	7G	AV	5.2395G	2.40	-72.98	-72.98	-70.58	-41.20	-29.38
2412MHz	Pass	7G	8G	AV	7.739G	2.40	-72.41	-72.41	-70.01	-41.20	-28.81
2412MHz	Pass	8G	25G	AV	19.05213G	2.40	-65.37	-65.37	-62.97	-41.20	-21.77
2412MHz	Pass	3.1G	4G	PK	3.6184G	2.40	-61.36	-61.36	-58.96	-21.20	-37.76
2412MHz	Pass	4G	5G	PK	4.82G	2.40	-56.24	-56.24	-53.84	-21.20	-32.64
2412MHz	Pass	5G	7G	PK	5.409G	2.40	-62.76	-62.76	-60.36	-21.20	-39.16
2412MHz	Pass	7G	8G	PK	7.277G	2.40	-62.68	-62.68	-60.28	-21.20	-39.08
2412MHz	Pass	8G	25G	PK	19.42453G	2.40	-55.76	-55.76	-53.36	-21.20	-32.16

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

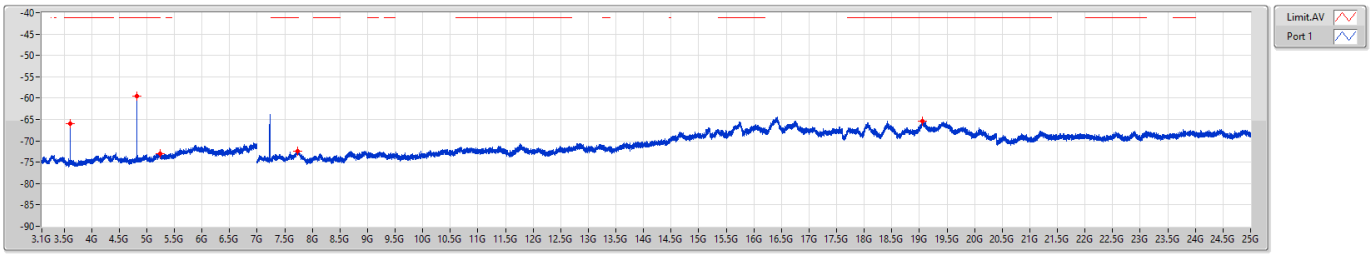
2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.6184G	-61.36	-61.36
4G	5G	1M	PK	4.82G	-56.24	-56.24
5G	7G	1M	PK	5.409G	-62.76	-62.76
7G	8G	1M	PK	7.277G	-62.68	-62.68
8G	25G	1M	PK	19.42453G	-55.76	-55.76

2.4-2.4835GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

2412MHz

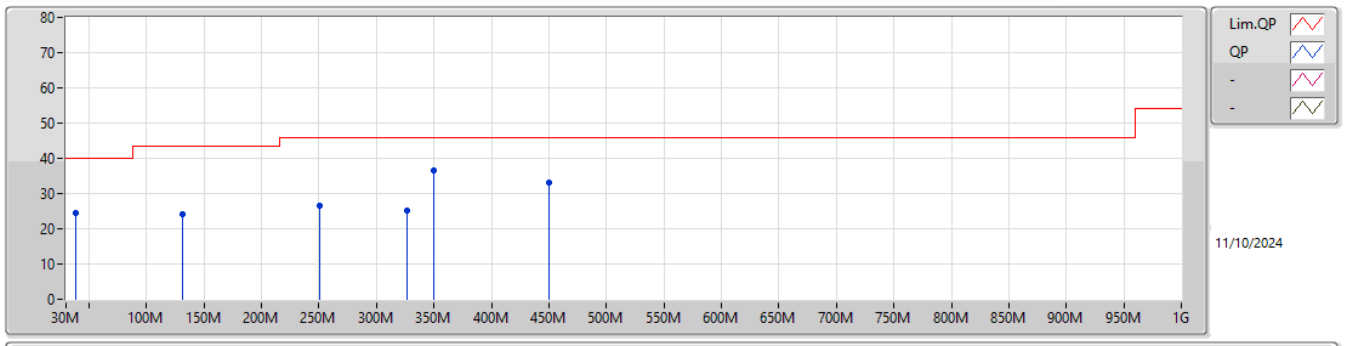


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.61795G	-66.06	-66.06
4G	5G	1M	AV	4.824G	-59.57	-59.57
5G	7G	1M	AV	5.2395G	-72.98	-72.98
7G	8G	1M	AV	7.739G	-72.41	-72.41
8G	25G	1M	AV	19.05213G	-65.37	-65.37

Summary

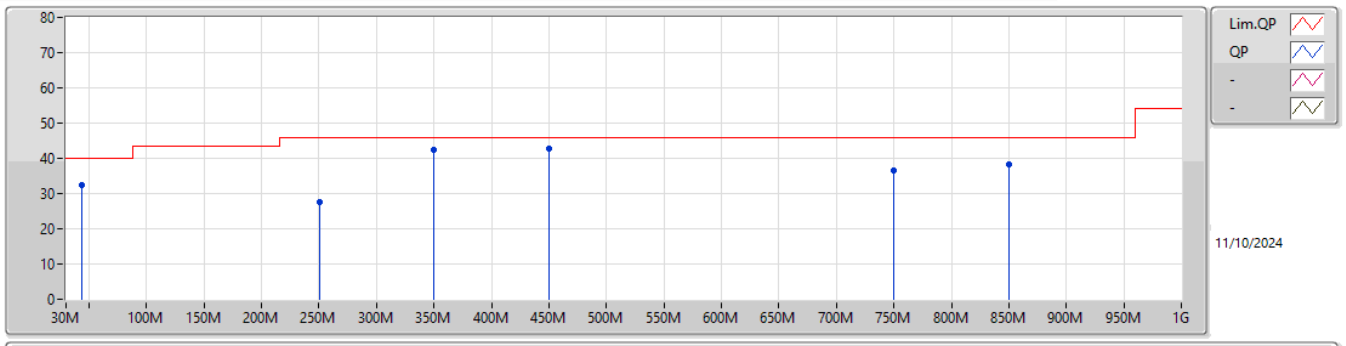
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	450.01M	42.64	46.00	-3.36	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	38.64M	24.33	40.00	-15.67	-9.17	3	Horizontal	-	-	-	33.50	18.36	0.58	28.11
PK	131.55M	24.21	43.50	-19.29	-9.91	3	Horizontal	-	-	-	34.12	17.20	1.14	28.25
PK	250.19M	26.44	46.00	-19.56	-9.77	3	Horizontal	-	-	-	36.21	16.91	1.57	28.25
PK	326.28M	25.33	46.00	-20.67	-7.17	3	Horizontal	-	-	-	32.50	19.23	1.81	28.21
PK	350.1M	36.44	46.00	-9.56	-6.88	3	Horizontal	-	-	-	43.32	19.50	1.82	28.20
PK	450.01M	33.11	46.00	-12.89	-4.11	3	Horizontal	-	-	-	37.22	22.10	1.98	28.19

Mode 1



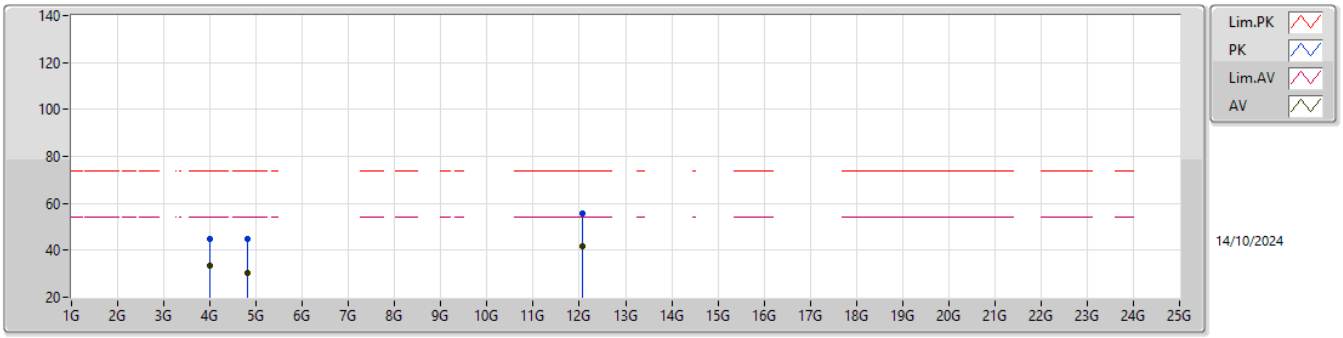
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	43.68M	32.33	40.00	-7.67	-8.72	3	Vertical	-	-	-	41.05	18.80	0.60	28.12
PK	250.1M	27.66	46.00	-18.34	-9.78	3	Vertical	-	-	-	37.44	16.90	1.57	28.25
QP	350.1M	42.43	46.00	-3.57	-6.88	3	Vertical	102	1.22	-	49.31	19.50	1.82	28.20
QP	450.01M	42.64	46.00	-3.36	-4.11	3	Vertical	218	1.00	-	46.75	22.10	1.98	28.19
PK	750.1M	36.44	46.00	-9.56	1.83	3	Vertical	-	-	-	34.61	27.00	2.75	27.92
PK	850.11M	38.24	46.00	-7.76	3.13	3	Vertical	-	-	-	35.11	28.00	2.89	27.76

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	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU106_Index53_20MHz _Nss1,(MCS0)_1TX	Pass	AV	12.06G	41.66	54.00	-12.34	3	Horizontal	121	1.00	-

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX

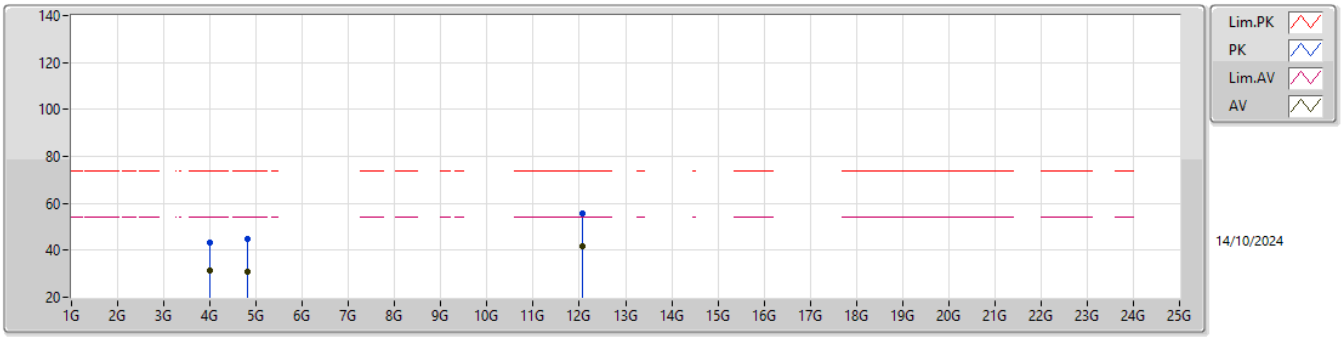
2412MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	33.27	54.00	-20.73	35.54	3	Horizontal	188	1.86	-	29.70	6.02	37.99
PK	4G	44.61	74.00	-29.39	46.88	3	Horizontal	188	1.86	-	29.70	6.02	37.99
AV	4.824G	30.58	54.00	-23.42	31.15	3	Horizontal	208	1.00	-	31.25	6.71	38.53
PK	4.824G	44.58	74.00	-29.42	45.15	3	Horizontal	208	1.00	-	31.25	6.71	38.53
AV	12.06G	41.66	54.00	-12.34	35.04	3	Horizontal	121	1.00	-	39.22	10.24	42.84
PK	12.06G	55.59	74.00	-18.41	48.97	3	Horizontal	121	1.00	-	39.22	10.24	42.84

2.4-2.4835GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX

2412MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)
AV	4G	31.26	54.00	-22.74	33.53	3	Vertical	185	1.68	-	29.70	6.02	37.99
PK	4G	43.48	74.00	-30.52	45.75	3	Vertical	185	1.68	-	29.70	6.02	37.99
AV	4.824G	30.61	54.00	-23.39	31.18	3	Vertical	227	1.00	-	31.25	6.71	38.53
PK	4.824G	44.64	74.00	-29.36	45.21	3	Vertical	227	1.00	-	31.25	6.71	38.53
AV	12.06G	41.58	54.00	-12.42	34.96	3	Vertical	188	1.00	-	39.22	10.24	42.84
PK	12.06G	55.52	74.00	-18.48	48.90	3	Vertical	188	1.00	-	39.22	10.24	42.84