FCC Radio Test Report

FCC ID	:	**2A8MT-AP6PRO**
Equipment	:	**4x4 Dual-band Outdoor Access Point**
Brand Name	:	**ALTA LABS**
Model Name	:	**AP6-Pro-Outdoor**
Applicant	:	**SoundVision Technologies, dba Alta Labs 192 N Old Hwy 91, Unit 1 Hurricane,Utah, United States 84737**
Manufacturer	:	**SoundVision Technologies, dba Alta Labs 192 N Old Hwy 91, Unit 1 Hurricane,Utah, United States 84737**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Jan. 11, 2023, and testing was started from Jan. 11, 2023 and completed on Apr. 18, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR310611-05AC	01	Initial issue of report	May 17, 2024

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	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 EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Ben Tseng

Report Producer: Julie Tseng

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax(HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax(HEW40)	2422-2452	3-9 [7]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX

Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	2TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- Evaluated HEW20/HEW40 mode only due to the similar modulation. The power setting of HT20/HT40/ VHT20/VHT40 mode are the same or lower than HEW20/HEW40.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Ramark
1	LITEON	3010001429GD	PIFA	I-PEX	Radio 2_5G
2	LITEON	3010001441GD	PIFA	I-PEX	Radio 1_2.4G+ Radio 2_5G
3	LITEON	3010001443GD	PIFA	I-PEX	Radio 1_2.4G+ Radio 2_5G
4	LITEON	3010001442GD	PIFA	I-PEX	Radio 2_5G
5	LITEON	3010001433GD	PIFA	I-PEX	Radio 1_BT

Ant.	Port	Gain (dBi)					
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	BT
1	1	-	4.1	3.49	2.55	2.69	-
2	2	2.05	3.16	2.05	2.84	3.46	-
3	3	2.97	3.28	2.67	2.66	2.31	-
4	4	-	2.03	3.31	4.04	4.22	-
5	5	-	-	-	-	-	2.7

Composite Gain (dBi)					
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3
DG [1SS] (dBi)	3.07	5.53	5.86	5.93	5.71
DG [2SS] (dBi)	2.97	4.1	3.49	4.04	4.22
DG [4SS] (dBi)	-	4.1	3.49	4.04	4.22

Note 1: The EUT has five antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP310611-05.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX)

Ant. 2 (port 2) and Ant. 3 (port 3) could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 5 (port 5) could transmit/receive.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (4TX/4RX)

Ant. 1 (port 1), Ant. 2 (port 2) and Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
EUT Function	☒	Point-to-multipoint	☐	Point-to-point
Beamforming Function	☒	With beamforming	☐	Without beamforming
Resource Unit(802.11ax)	☒	Full RU	☐	Partial RU

Type of EUT		
☒	Stand-alone	
☐	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment - Brand Name / Model No.:	…
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System - Brand Name / Model No.:	…
☐	Other:	

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF (dB)	T(s)	VBW (Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.84	0.76	648.75u	3k
802.11g Nss1,(6Mbps)_2TX	0.979	0.09	1.433m	1k
802.11ax HEW20 Nss1,(MCS0)_2TX	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40 Nss1,(MCS0)_2TX	0.975	0.11	5.406m	300

Beamforming

Mode	DC	DCF (dB)	T(s)	VBW (Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.822	0.85	5.446m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.787	1.04	5.446m	300

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR310611AC

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Add model name for outdoor. (AP6-Pro-Outdoor)	Maximum Conducted Output Power Power Spectral Density Radiated Emission Co-location were evaluated.

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of TAF:

- KDB 558074 D01 v05r02
- KDB 662911 D01 v02r01
- KDB 662911 D03 v01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Wayne	21.3~22.6°C / 53~57%	22/Feb/2023
RF Conducted	TH07-HY	Yuna	22.3~23.8°C / 48~55%	08/Feb/2023~14/Feb/2023
Radiated (Co-location)	03CH03-HY	Ivan Chung	22.2~22.9°C / 50~53%	18/Apr/2024
☒ Wen 33rd.St. **(TAF:** 3785**)**	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated	03CH09-HY	Lego	20.5~22.7°C / 56~62%	11/Jan/2023~08/Feb/2023

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Items	**Uncertainty**	**Remark**
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00086.1

Non-Beamforming

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	20.5
2437MHz	20.5
2462MHz	20.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	18.5
2417MHz	19
2437MHz	20
2457MHz	18
2462MHz	18
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	17.5
2417MHz	18
2437MHz	19
2457MHz	18
2462MHz	17
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	17
2427MHz	16.5
2437MHz	17
2447MHz	16.5
2452MHz	16.5

Beamforming

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	17.5
2417MHz	18
2437MHz	19
2457MHz	18
2462MHz	17
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	17
2427MHz	16.5
2437MHz	17
2447MHz	16.5
2452MHz	16.5

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	PoE mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT		V	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	2.4GHz WLAN+5GHz WLAN+Bluetooth
Refer to Sporton Test Report No.: FA310611-05 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Ceiling Bracket	**Brand Name**	N/A	**Model Name**	N/A
Wallmount	**Brand Name**	N/A	**Model Name**	N/A

Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

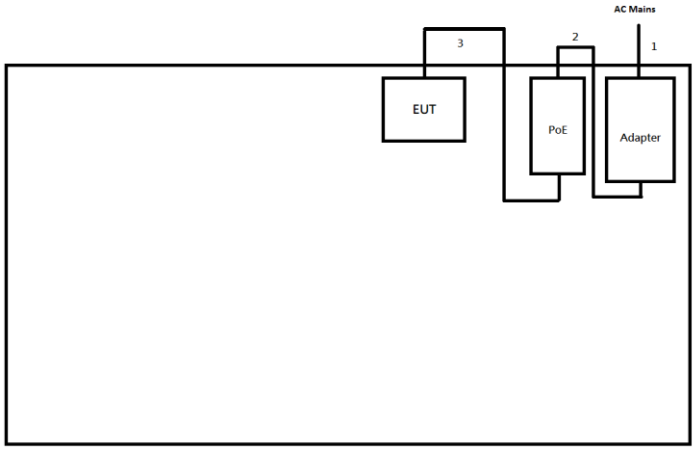
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	RJ45 Cable	Power Sync	CAT-6E-10	-	-
2	AC Power cable	Power Sync	PW-GPC180-3	-	-
3	Adapter	Asian	WB-24M12FU	-	Provided by Customer
4	PoE	Cambium	NET-P60-56IN	-	Provided by Customer

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Adapter	Asian	WB-24M12FU	-	Provided by Customer
4	PoE	Cambium	NET-P60-56IN	-	Provided by Customer

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	RJ45 Cable	Power Sync	CAT-6E-10	-	-
2	AC Power cable	Power Sync	PW-GPC180-3	-	Remote
3	Adapter	Asian	WB-24M12FU	-	Remote Provided by Customer
4	PoE	Cambium	NET-P60-56IN	-	Remote Provided by Customer

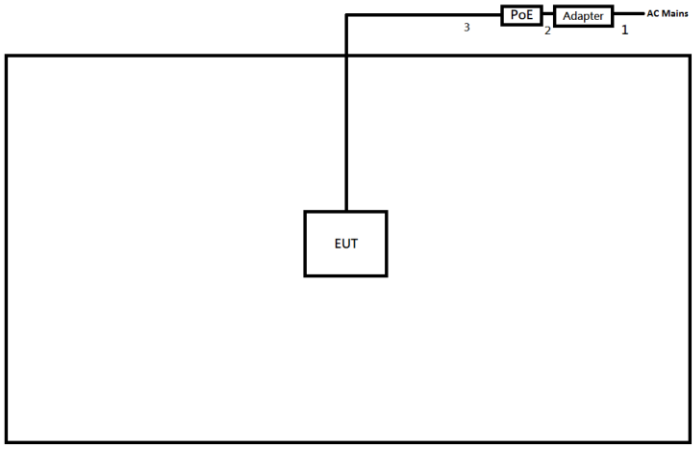
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.8
2	DC Power cable	No	1.0
3	RJ45 cable	No	10.0

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.8
2	DC Power cable	No	1.0
3	RJ45 cable	No	10.0

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line 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.		

3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

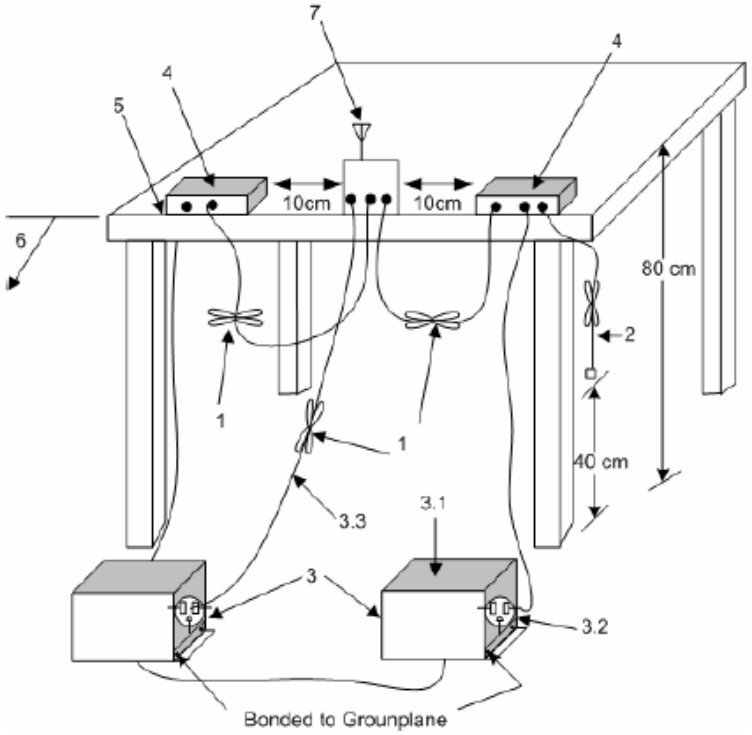
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
▪ 6 dB bandwidth ≥ 500 kHz.

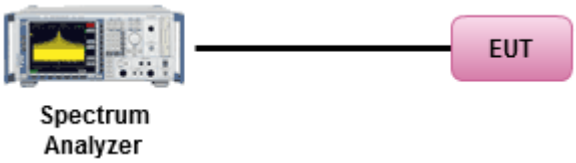
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
	☐ Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
	☐ Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit			
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)		
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)$ dBm		
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm		
	▪ Smart antenna system (SAS):		
		- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm	
		- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm	
		- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3 + 8$dB dBm	
e.i.r.p. Power Limit:			
▪ 2400-2483.5 MHz Band			
	▪ Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)		
	▪ Point-to-point systems (P2P): $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX}])$ dBm		
	▪ Smart antenna system (SAS)		
		- Single beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm	
		- Overlap beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm	
		- Aggregate power on all beams: $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX} + 8])$ dBm	
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.			

3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
	☐ Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
	☐ Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
▪ Maximum Average Conducted Output Power	
	☐ Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
	☒ Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

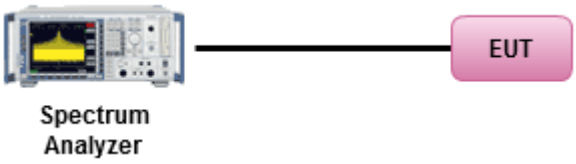
3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).		
	☒ Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.	
▪ For conducted measurement.		
	▪ If The EUT supports multiple transmit chains using options given below:	
		▪ Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dB)**
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average level.	

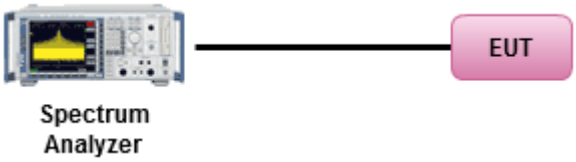
3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method
▪ Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.6.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
▪	The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
▪	Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪	For the transmitter unwanted emissions shall be measured using following options below:
	▪ Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
▪	For the transmitter band-edge emissions shall be measured using following options below:
	▪ Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	▪ Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	▪ Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
▪	Use the following spectrum analyzer settings:
	▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
▪	KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
	▪ Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

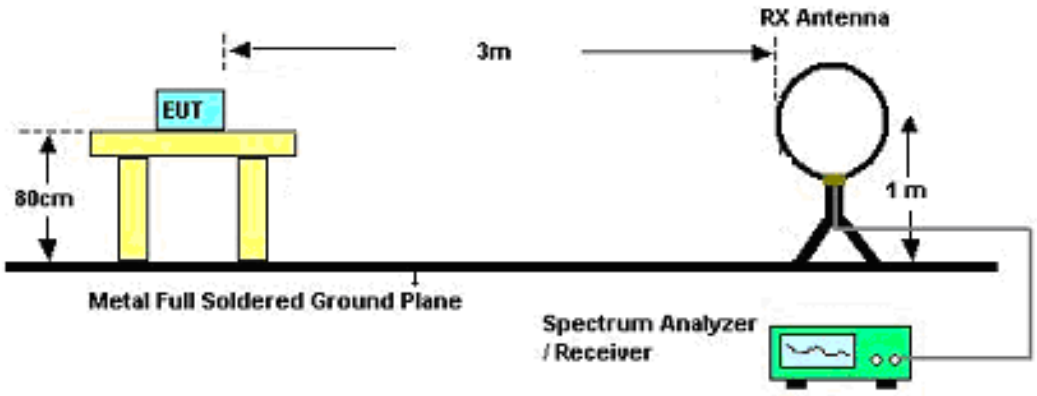
3.6.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

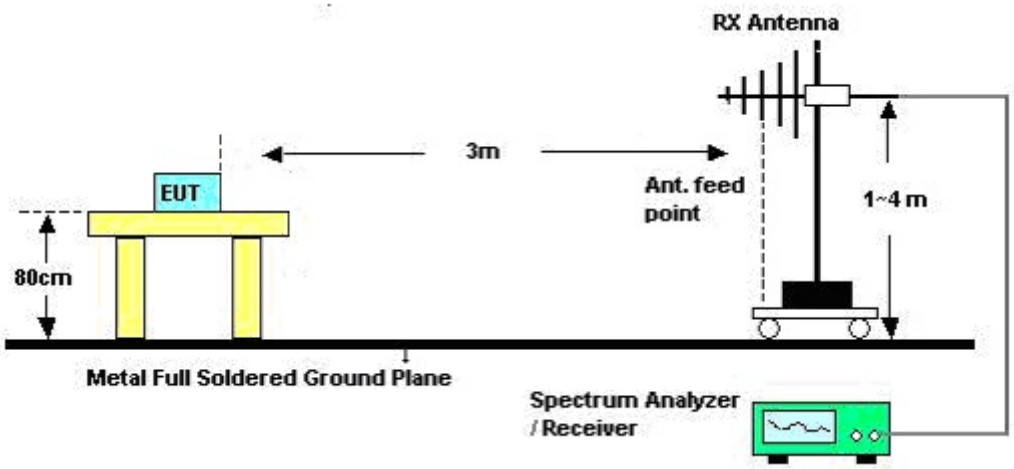
3.6.5 Test Setup

Emissions in Restricted Frequency Bands

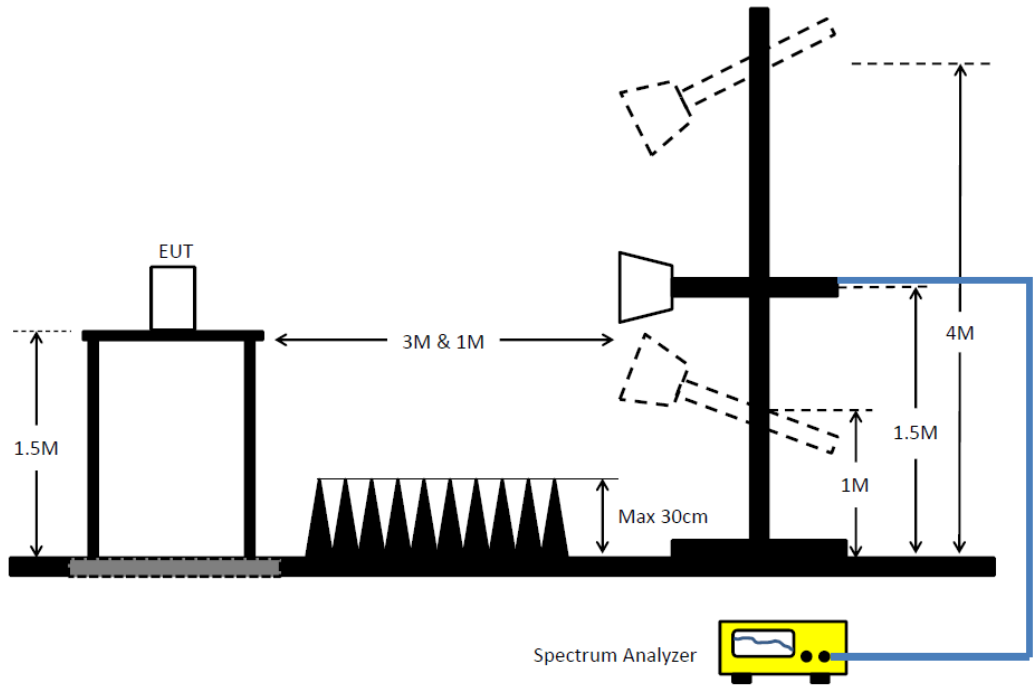
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	101295	9kHz ~ 30MHz	31/Jan/2023	30/Jan/2024
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	25/Oct/2022	24/Oct/2023
Software	Sporton	SENSE-EMI	V5.10.8.7	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	10/Nov/2022	09/Nov/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	14/Dec/2022	13/Dec/2023
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	14/Dec/2022	13/Dec/2023
SENSE-15247_DTS	Sporton	V5.11.4	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	25/Mar/2022	24/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	28/Aug/2022	27/Aug/2023
RF Cable-low	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	09/Dec/2022	08/Dec/2023
RF CABLE 5m+3m+1m	HUBER+SUHNE R	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz ~ 18GHz	10/Mar/2022	09/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	30/May/2022	29/May/2023
SENSE_15247_DTS	Sporton	Sporton	V5.11	NA	NA	NA

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2023	25/Oct/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	04/Oct/2023	03/Oct/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz ~ 40GHz	21/Aug/2023	20/Aug/2024
RF CABLE 5+8 m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-03	1GHz~40GHz	20/Feb/2024	19/Feb/2025
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	26/Jul/2023	25/Jul/2024
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-EMI	Sporton	V5.11.6	N/A	N/A	N/A	N/A

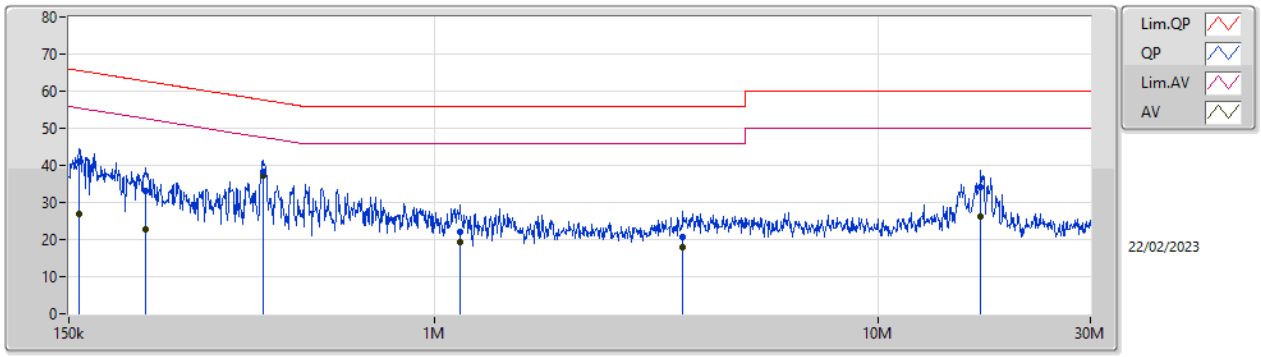
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	413.48k	37.45	47.59	-10.14	Neutral

Result

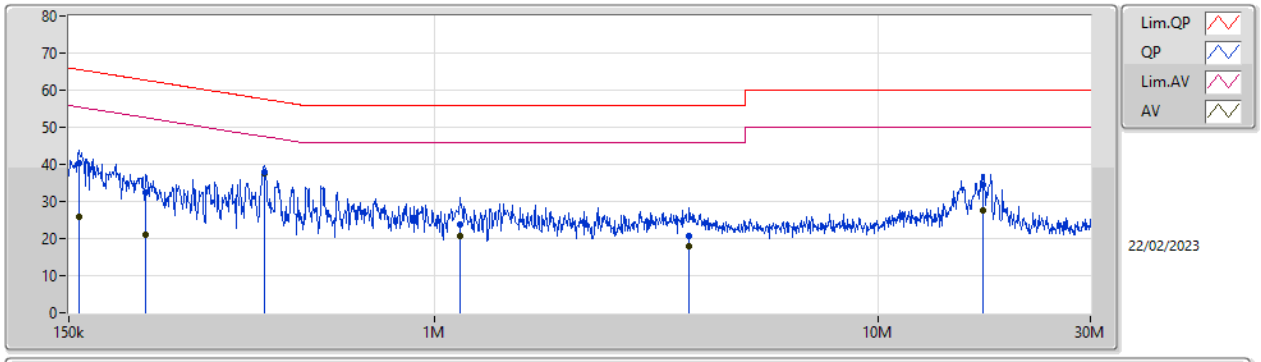
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	158.622k	40.91	65.54	-24.63	Line	-
Mode 1	Pass	AV	158.622k	26.78	55.54	-28.76	Line	-
Mode 1	Pass	QP	222.704k	33.27	62.71	-29.44	Line	-
Mode 1	Pass	AV	222.704k	22.63	52.71	-30.08	Line	-
Mode 1	Pass	QP	410.192k	38.29	57.64	-19.35	Line	-
Mode 1	Pass	AV	410.192k	37.27	47.64	-10.37	Line	-
Mode 1	Pass	QP	1.14M	22.21	56.00	-33.79	Line	-
Mode 1	Pass	AV	1.14M	19.20	46.00	-26.80	Line	-
Mode 1	Pass	QP	3.627M	20.52	56.00	-35.48	Line	-
Mode 1	Pass	AV	3.627M	17.79	46.00	-28.21	Line	-
Mode 1	Pass	QP	17.004M	34.12	60.00	-25.88	Line	-
Mode 1	Pass	AV	17.004M	26.11	50.00	-23.89	Line	-
Mode 1	Pass	QP	157.99k	40.45	65.56	-25.11	Neutral	-
Mode 1	Pass	AV	157.99k	25.71	55.56	-29.85	Neutral	-
Mode 1	Pass	QP	223.595k	32.49	62.69	-30.20	Neutral	-
Mode 1	Pass	AV	223.595k	20.95	52.69	-31.74	Neutral	-
Mode 1	Pass	QP	413.48k	37.96	57.59	-19.63	Neutral	-
Mode 1	Pass	AV	413.48k	37.45	47.59	-10.14	Neutral	-
Mode 1	Pass	QP	1.14M	23.87	56.00	-32.13	Neutral	-
Mode 1	Pass	AV	1.14M	20.73	46.00	-25.27	Neutral	-
Mode 1	Pass	QP	3.745M	20.69	56.00	-35.31	Neutral	-
Mode 1	Pass	AV	3.745M	17.79	46.00	-28.21	Neutral	-
Mode 1	Pass	QP	17.14M	34.43	60.00	-25.57	Neutral	-
Mode 1	Pass	AV	17.14M	27.75	50.00	-22.25	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	158.622k	40.91	65.54	-24.63	19.55	Line	-	21.36	9.59	0.03	9.93
AV	158.622k	26.78	55.54	-28.76	19.55	Line	-	7.23	9.59	0.03	9.93
QP	222.704k	33.27	62.71	-29.44	19.55	Line	-	13.72	9.59	0.03	9.93
AV	222.704k	22.63	52.71	-30.08	19.55	Line	-	3.08	9.59	0.03	9.93
QP	410.192k	38.29	57.64	-19.35	19.60	Line	-	18.69	9.60	0.04	9.96
AV	410.192k	37.27	47.64	-10.37	19.60	Line	-	17.67	9.60	0.04	9.96
QP	1.14M	22.21	56.00	-33.79	19.62	Line	-	2.59	9.62	0.06	9.94
AV	1.14M	19.20	46.00	-26.80	19.62	Line	-	-0.42	9.62	0.06	9.94
QP	3.627M	20.52	56.00	-35.48	19.72	Line	-	0.80	9.67	0.12	9.93
AV	3.627M	17.79	46.00	-28.21	19.72	Line	-	-1.93	9.67	0.12	9.93
QP	17.004M	34.12	60.00	-25.88	19.91	Line	-	14.21	9.69	0.25	9.97
AV	17.004M	26.11	50.00	-23.89	19.91	Line	-	6.20	9.69	0.25	9.97

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	157.99k	40.45	65.56	-25.11	19.56	Neutral	-	20.89	9.60	0.03	9.93
AV	157.99k	25.71	55.56	-29.85	19.56	Neutral	-	6.15	9.60	0.03	9.93
QP	223.595k	32.49	62.69	-30.20	19.56	Neutral	-	12.93	9.60	0.03	9.93
AV	223.595k	20.95	52.69	-31.74	19.56	Neutral	-	1.39	9.60	0.03	9.93
QP	413.48k	37.96	57.59	-19.63	19.60	Neutral	-	18.36	9.60	0.04	9.96
AV	413.48k	37.45	47.59	-10.14	19.60	Neutral	-	17.85	9.60	0.04	9.96
QP	1.14M	23.87	56.00	-32.13	19.61	Neutral	-	4.26	9.61	0.06	9.94
AV	1.14M	20.73	46.00	-25.27	19.61	Neutral	-	1.12	9.61	0.06	9.94
QP	3.745M	20.69	56.00	-35.31	19.70	Neutral	-	0.99	9.64	0.13	9.93
AV	3.745M	17.79	46.00	-28.21	19.70	Neutral	-	-1.91	9.64	0.13	9.93
QP	17.14M	34.43	60.00	-25.57	19.94	Neutral	-	14.49	9.72	0.25	9.97
AV	17.14M	27.75	50.00	-22.25	19.94	Neutral	-	7.81	9.72	0.25	9.97

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.075M	13.118M	13M1G1D	7.6M	12.984M
802.11g_Nss1,(6Mbps)_2TX	15.05M	17.261M	17M3D1D	14.975M	16.228M
802.11ax HEW20_Nss1,(MCS0)_2TX	15.825M	18.991M	19M0D1D	13.725M	18.791M
802.11ax HEW40_Nss1,(MCS0)_2TX	36.15M	37.531M	37M5D1D	26.1M	37.431M

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

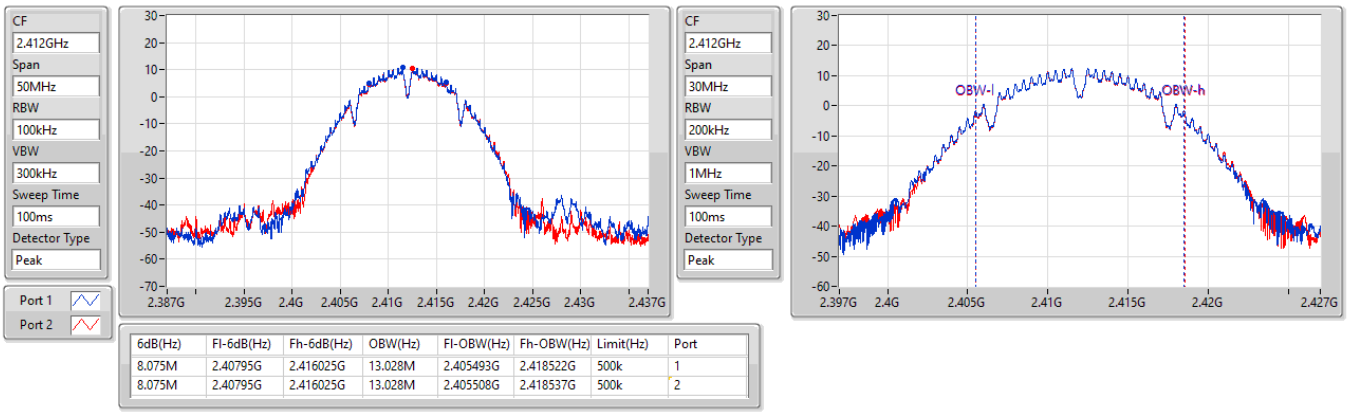
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.075M	13.028M	8.075M	13.028M
2437MHz	Pass	500k	8.05M	13.028M	7.6M	13.118M
2462MHz	Pass	500k	8.05M	12.984M	8.075M	13.058M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15M	16.228M	15M	16.25M
2437MHz	Pass	500k	15.025M	17.261M	15.05M	16.316M
2462MHz	Pass	500k	15.05M	16.228M	14.975M	16.228M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15M	18.791M	15.825M	18.791M
2437MHz	Pass	500k	15.15M	18.991M	13.725M	18.841M
2462MHz	Pass	500k	15.45M	18.816M	15.05M	18.791M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	31M	37.481M	32M	37.431M
2437MHz	Pass	500k	26.1M	37.531M	32.1M	37.481M
2452MHz	Pass	500k	31.25M	37.531M	36.15M	37.481M

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

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

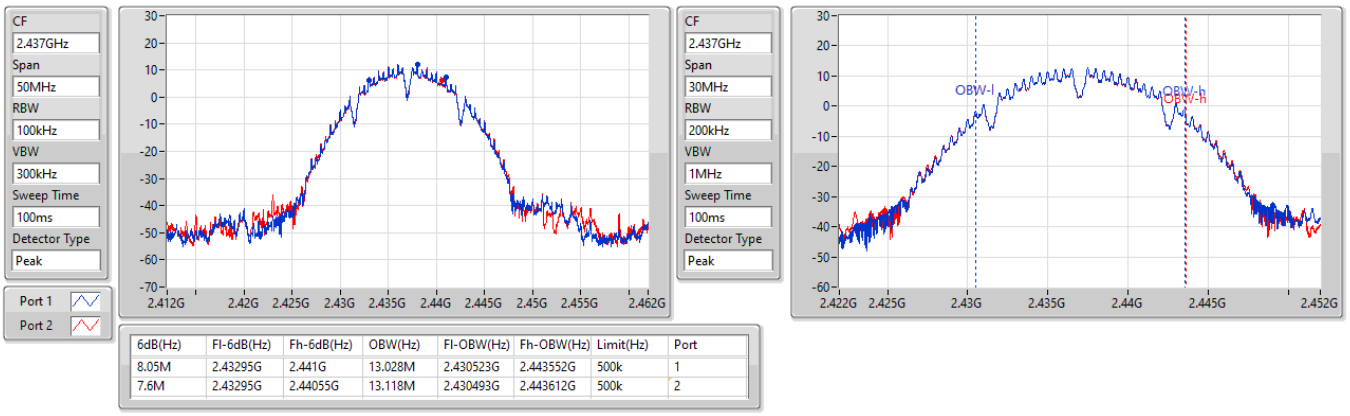
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.075M	2.40795G	2.416025G	13.028M	2.405493G	2.418522G	500k	1
8.075M	2.40795G	2.416025G	13.028M	2.405508G	2.418537G	500k	2

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

2437MHz

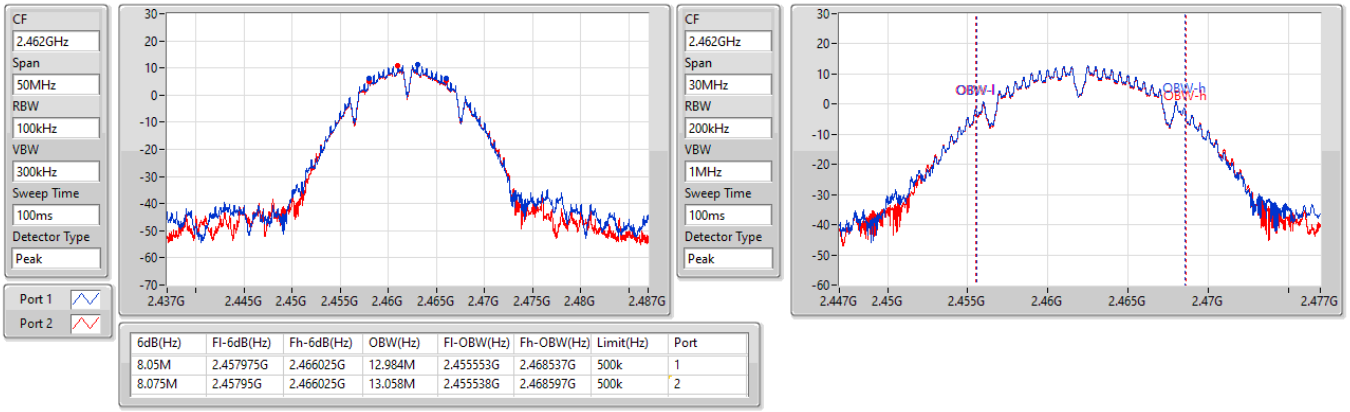


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.43295G	2.441G	13.028M	2.430523G	2.443552G	500k	1
7.6M	2.43295G	2.44055G	13.118M	2.430493G	2.443612G	500k	2

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

2462MHz

08/02/2023

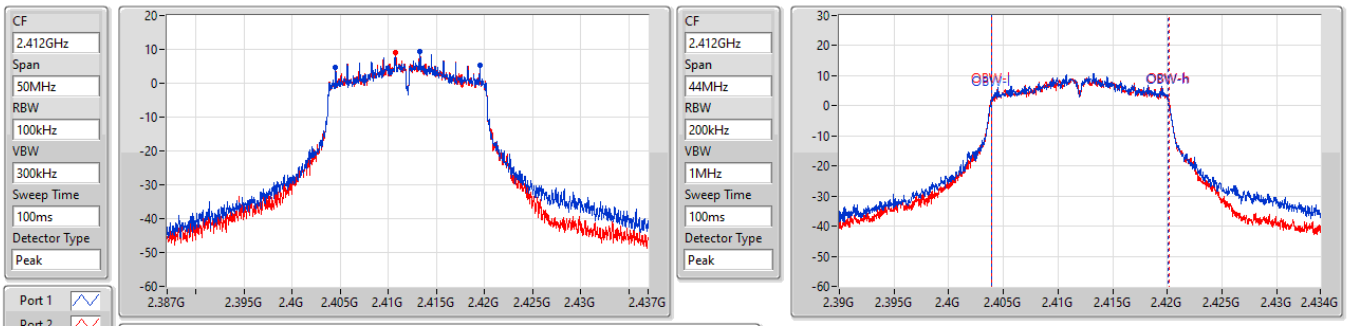


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.457975G	2.466025G	12.984M	2.455553G	2.468537G	500k	1
8.075M	2.45795G	2.466025G	13.058M	2.455538G	2.468597G	500k	2

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

2412MHz

08/02/2023

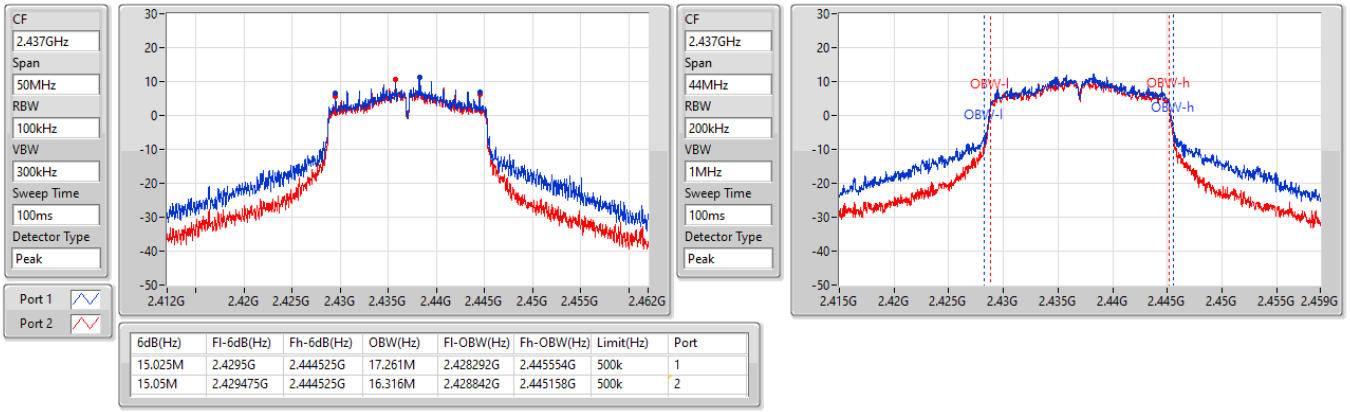


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.404475G	2.419475G	16.228M	2.403886G	2.420114G	500k	1
15M	2.4045G	2.4195G	16.25M	2.403886G	2.420136G	500k	2

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

2437MHz

08/02/2023

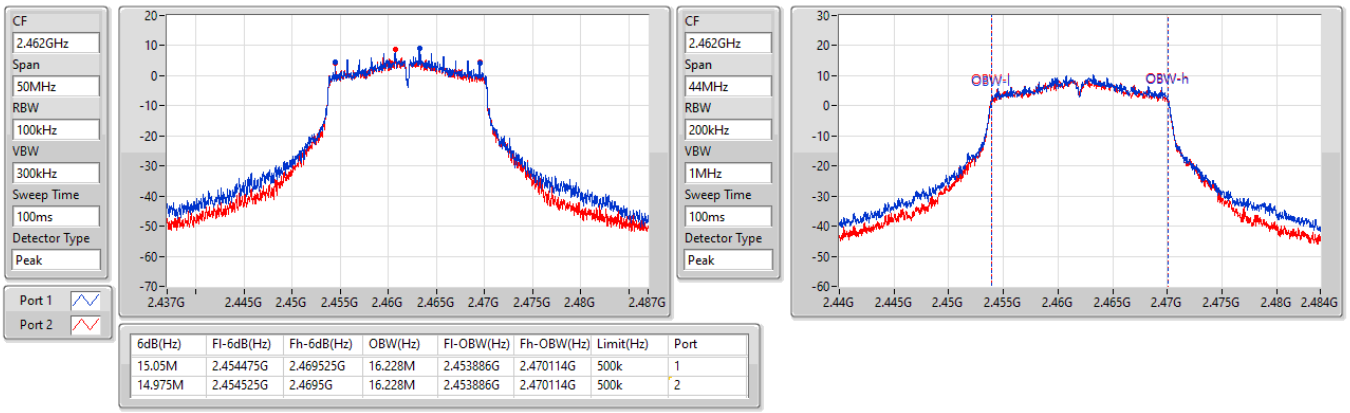


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.4295G	2.444525G	17.261M	2.428292G	2.445554G	500k	1
15.05M	2.429475G	2.444525G	16.316M	2.428842G	2.445158G	500k	2

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

2462MHz

08/02/2023

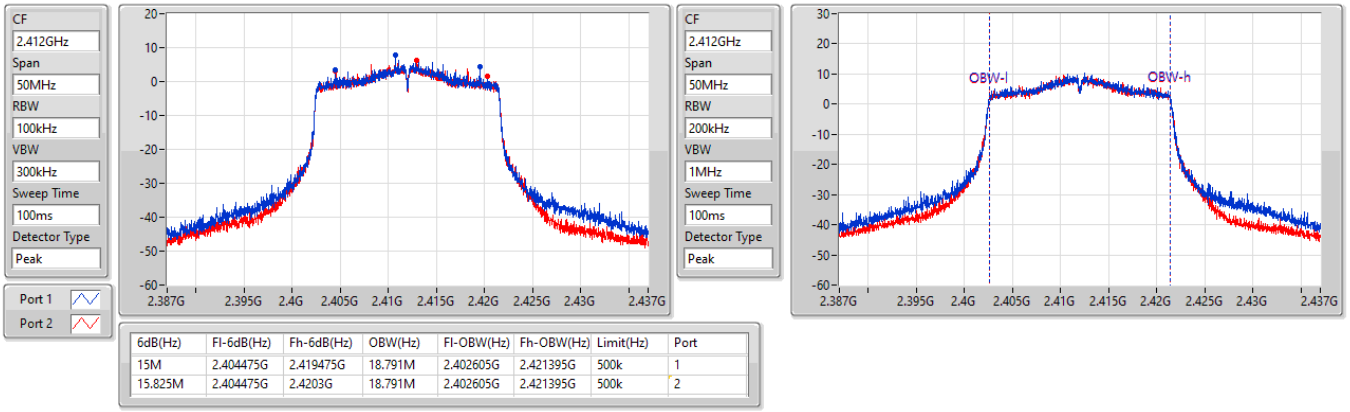


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.454475G	2.469525G	16.228M	2.453886G	2.470114G	500k	1
14.975M	2.454525G	2.4695G	16.228M	2.453886G	2.470114G	500k	2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

2412MHz

08/02/2023

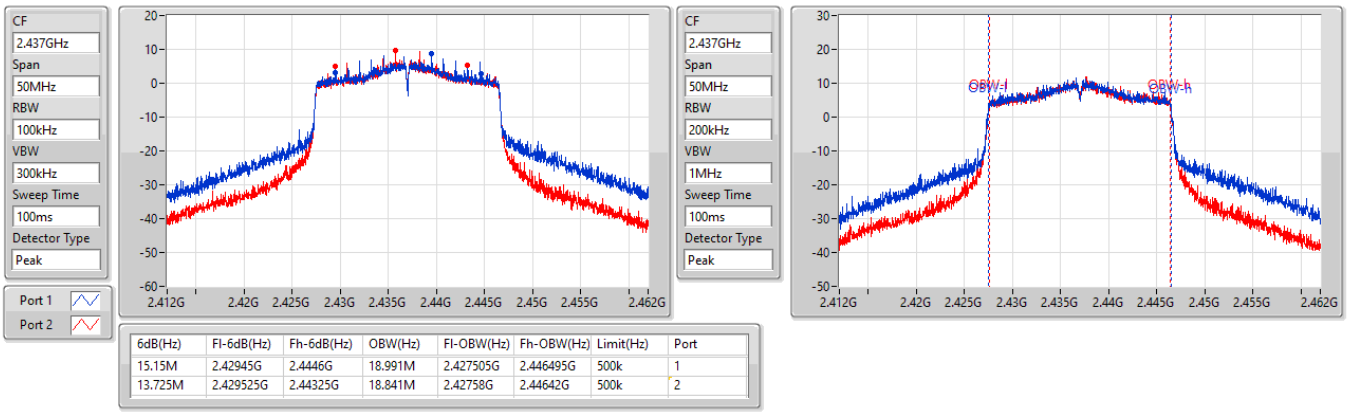


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.404475G	2.419475G	18.791M	2.402605G	2.421395G	500k	1
15.825M	2.404475G	2.4203G	18.791M	2.402605G	2.421395G	500k	2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

2437MHz

08/02/2023

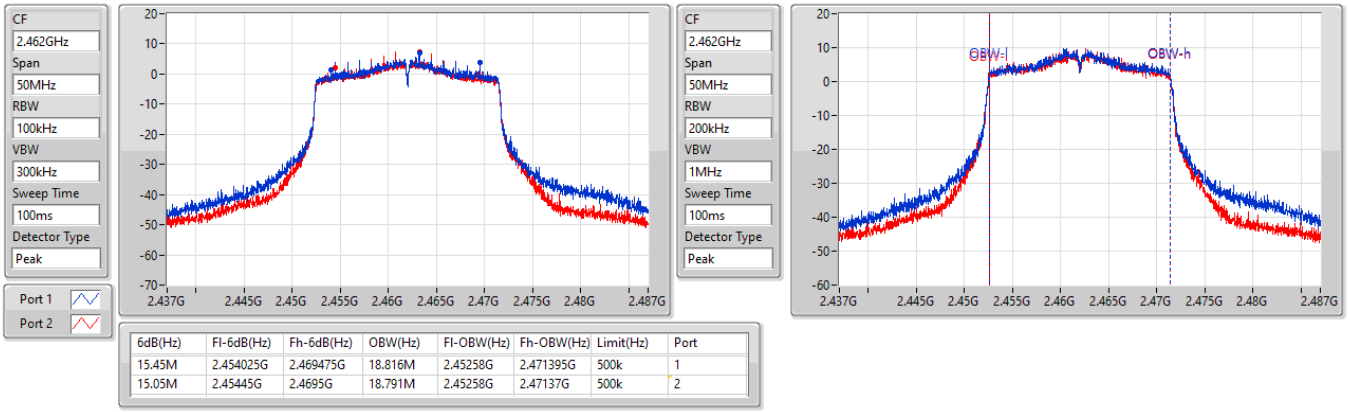


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.15M	2.42945G	2.4446G	18.991M	2.427505G	2.446495G	500k	1
13.725M	2.429525G	2.44325G	18.841M	2.42758G	2.44642G	500k	2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

2462MHz

08/02/2023

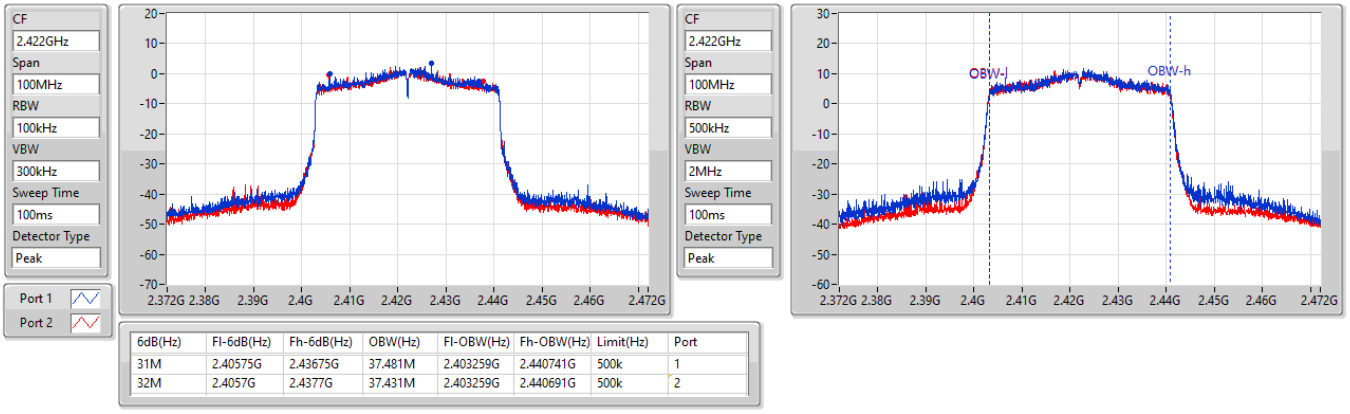


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.45M	2.454025G	2.469475G	18.816M	2.45258G	2.471395G	500k	1
15.05M	2.45445G	2.4695G	18.791M	2.45258G	2.47137G	500k	2

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

2422MHz

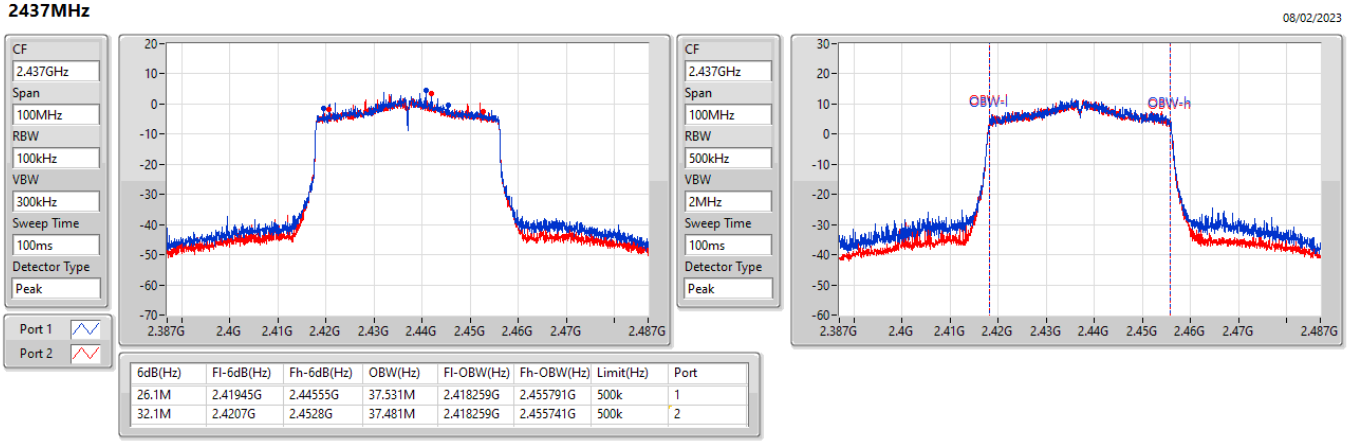
08/02/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31M	2.40575G	2.43675G	37.481M	2.403259G	2.440741G	500k	1
32M	2.4057G	2.4377G	37.431M	2.403259G	2.440691G	500k	2

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

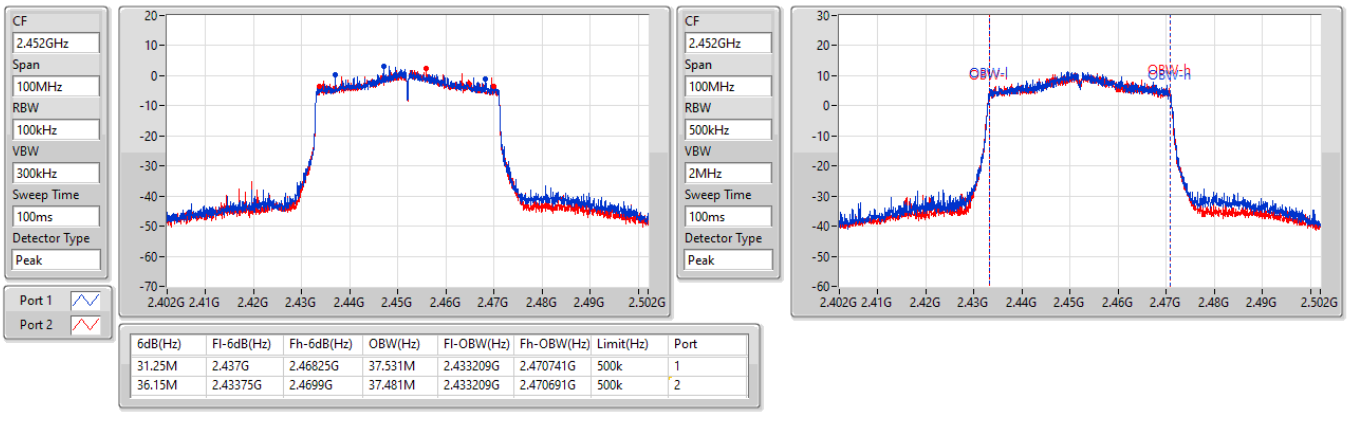
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.1M	2.41945G	2.44555G	37.531M	2.418259G	2.455791G	500k	1
32.1M	2.4207G	2.4528G	37.481M	2.418259G	2.455741G	500k	2

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.25M	2.437G	2.46825G	37.531M	2.433209G	2.470741G	500k	1
36.15M	2.43375G	2.4699G	37.481M	2.433209G	2.470691G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.70	0.23442
802.11g_Nss1,(6Mbps)_2TX	23.19	0.20845
802.11ax HEW20_Nss1,(MCS0)_2TX	21.94	0.15631
802.11ax HEW40_Nss1,(MCS0)_2TX	20.17	0.10399

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.97	20.63	20.46	23.56	30.00
2437MHz	Pass	2.97	20.72	20.62	23.68	30.00
2462MHz	Pass	2.97	20.87	20.51	23.70	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.97	18.79	18.80	21.81	30.00
2417MHz	Pass	2.97	19.12	19.18	22.16	30.00
2437MHz	Pass	2.97	20.45	19.90	23.19	30.00
2457MHz	Pass	2.97	18.42	18.15	21.30	30.00
2462MHz	Pass	2.97	18.40	18.13	21.28	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.97	17.64	17.60	20.63	30.00
2417MHz	Pass	2.97	18.15	17.97	21.07	30.00
2437MHz	Pass	2.97	19.03	18.83	21.94	30.00
2457MHz	Pass	2.97	18.29	17.93	21.12	30.00
2462MHz	Pass	2.97	17.41	17.00	20.22	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.97	17.21	16.94	20.09	30.00
2427MHz	Pass	2.97	16.77	16.62	19.71	30.00
2437MHz	Pass	2.97	17.29	17.03	20.17	30.00
2447MHz	Pass	2.97	16.64	16.77	19.72	30.00
2452MHz	Pass	2.97	17.01	16.86	19.95	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.56	0.14322
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	19.83	0.09616

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.07	17.34	17.3	20.33	30.00
2417MHz	Pass	3.07	17.72	17.54	20.64	30.00
2437MHz	Pass	3.07	18.65	18.45	21.56	30.00
2457MHz	Pass	3.07	17.88	17.62	20.76	30.00
2462MHz	Pass	3.07	16.99	16.58	19.80	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.07	16.88	16.61	19.76	30.00
2427MHz	Pass	3.07	16.43	16.28	19.37	30.00
2437MHz	Pass	3.07	16.95	16.69	19.83	30.00
2447MHz	Pass	3.07	16.23	16.36	19.31	30.00
2452MHz	Pass	3.07	16.66	16.51	19.60	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-0.94
802.11g_Nss1,(6Mbps)_2TX	-4.55
802.11ax HEW20_Nss1,(MCS0)_2TX	-4.38
802.11ax HEW40_Nss1,(MCS0)_2TX	-9.40

RBW = 3kHz;

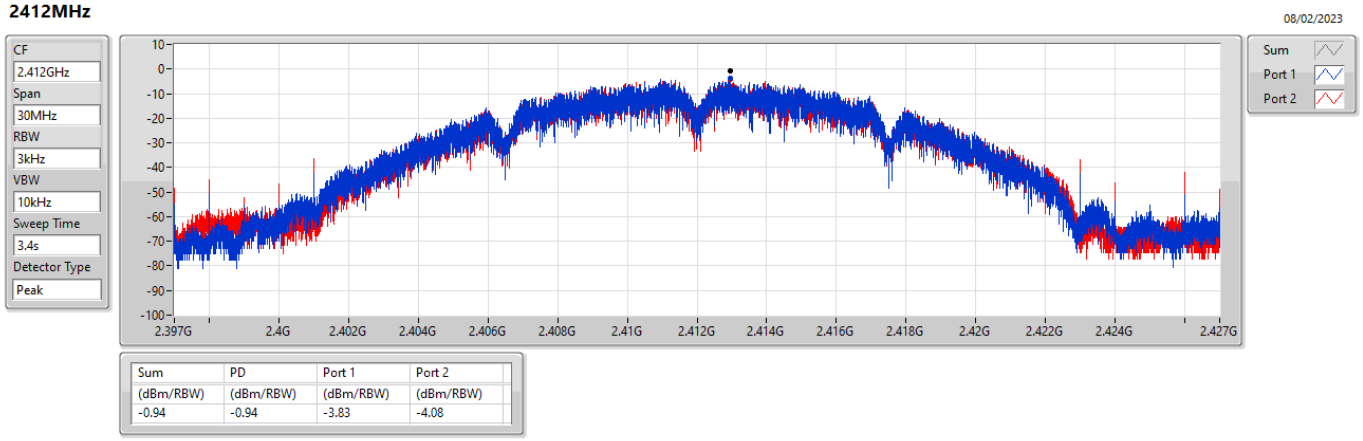
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.07	-3.83	-4.08	-0.94	8.00
2437MHz	Pass	3.07	-3.62	-3.32	-0.99	8.00
2462MHz	Pass	3.07	-4.26	-4.34	-1.74	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.07	-6.58	-6.44	-5.52	8.00
2437MHz	Pass	3.07	-5.73	-6.07	-4.55	8.00
2462MHz	Pass	3.07	-7.73	-7.33	-5.47	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.07	-8.72	-8.05	-7.36	8.00
2437MHz	Pass	3.07	-7.17	-6.87	-4.38	8.00
2462MHz	Pass	3.07	-8.04	-9.23	-6.61	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.07	-10.85	-12.21	-10.34	8.00
2437MHz	Pass	3.07	-11.16	-11.43	-9.40	8.00
2452MHz	Pass	3.07	-11.04	-12.15	-10.13	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_802.11b_Nss1,(1Mbps)_2TX **PSD**

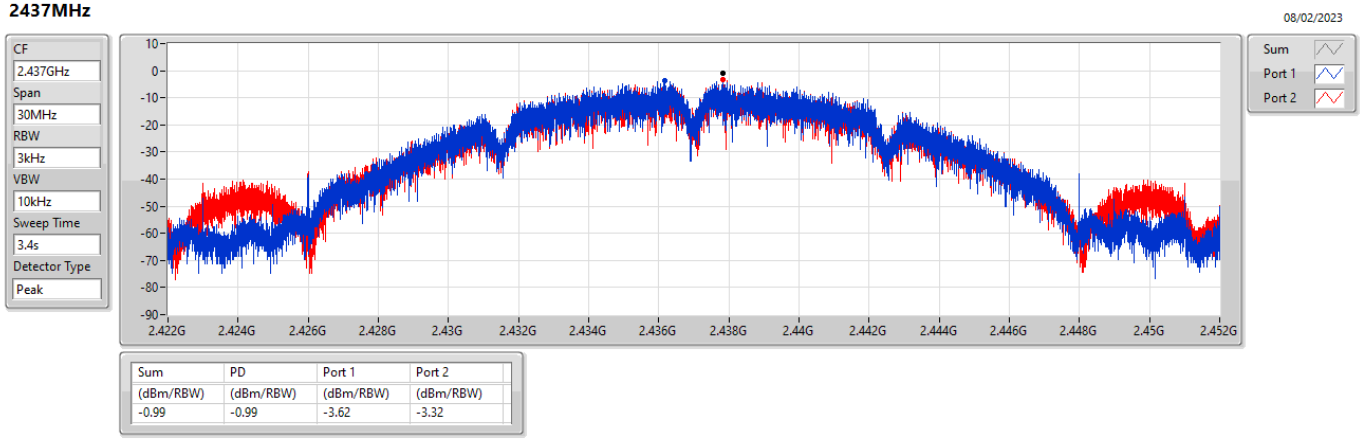
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.94	-0.94	-3.83	-4.08

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

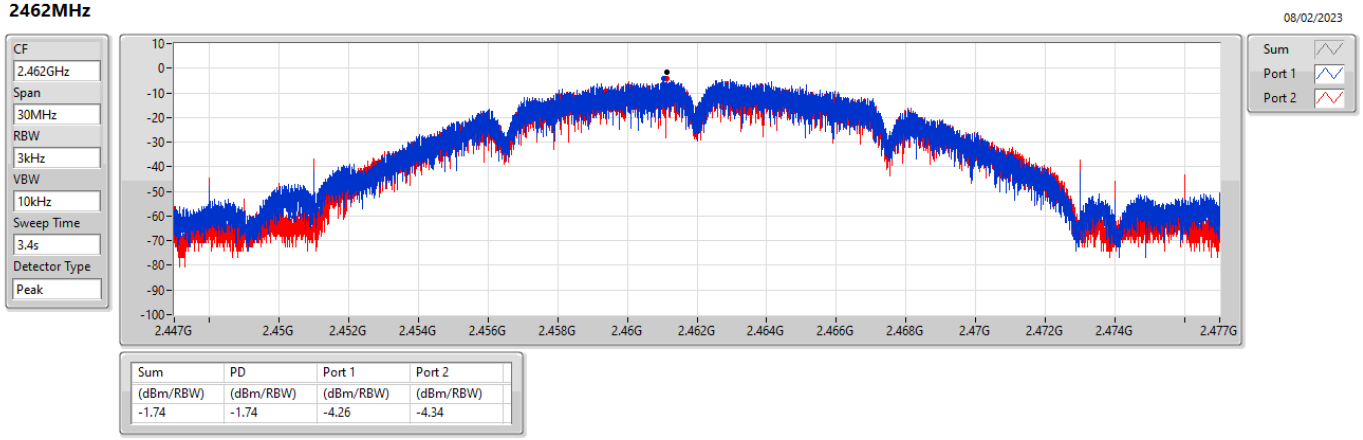
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.99	-0.99	-3.62	-3.32

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

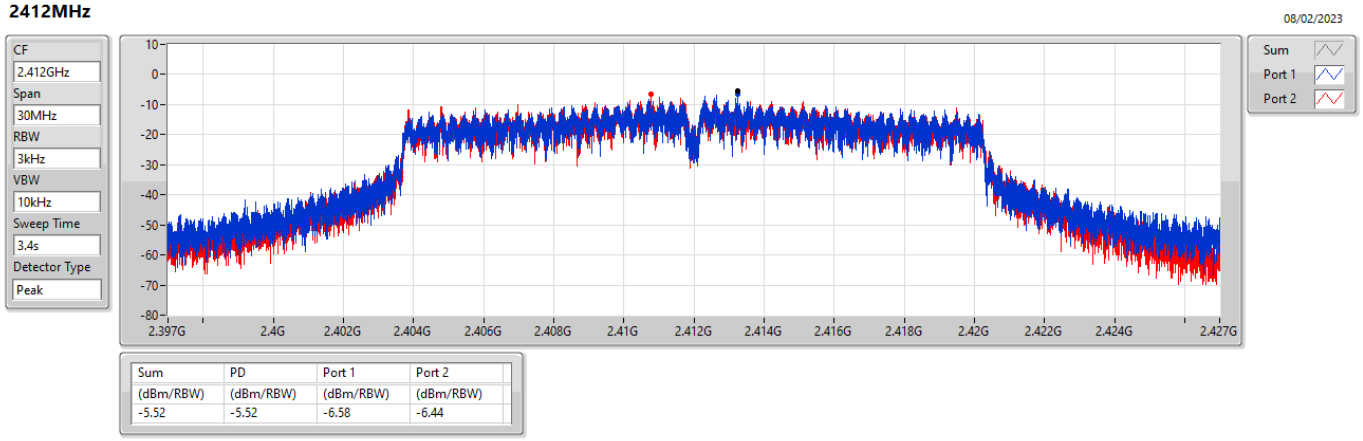
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.74	-1.74	-4.26	-4.34

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

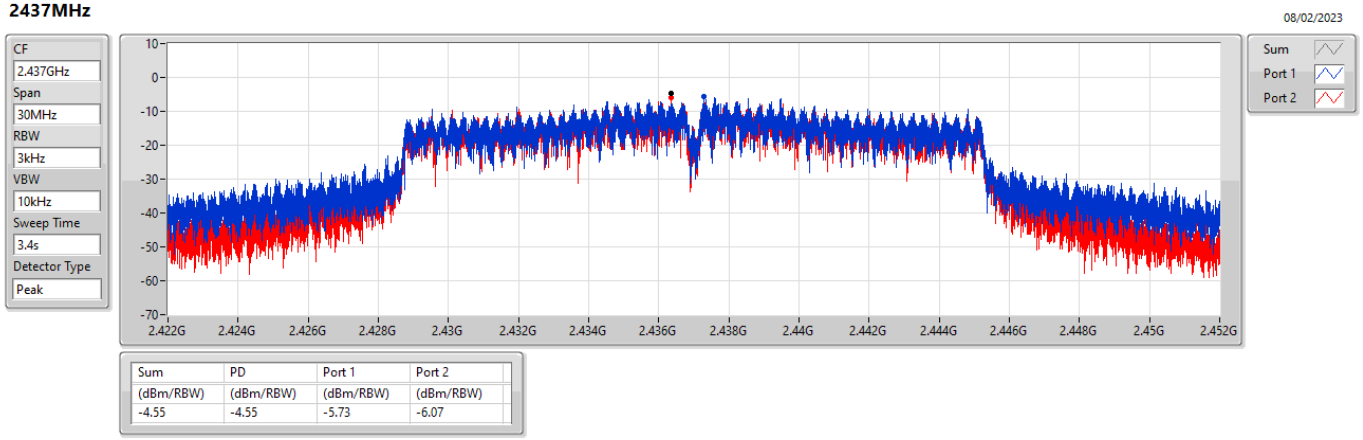
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.52	-5.52	-6.58	-6.44

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

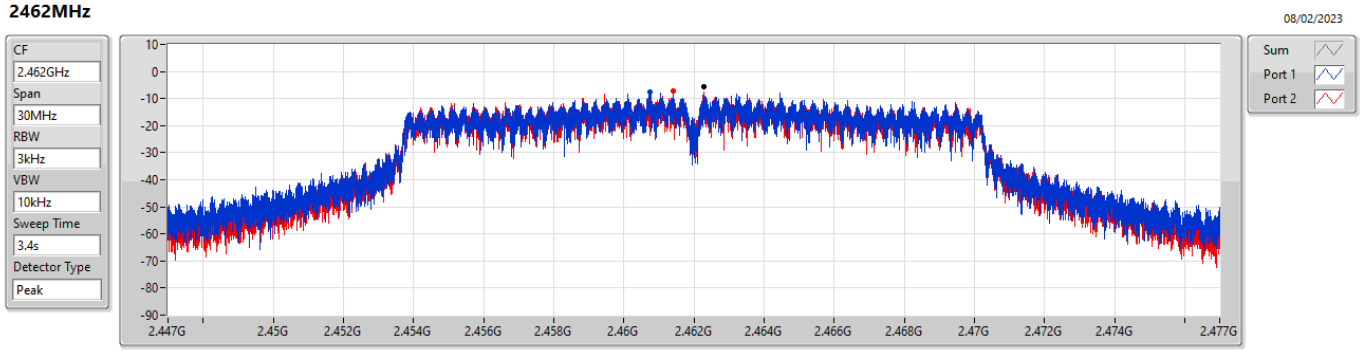
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.55	-4.55	-5.73	-6.07

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

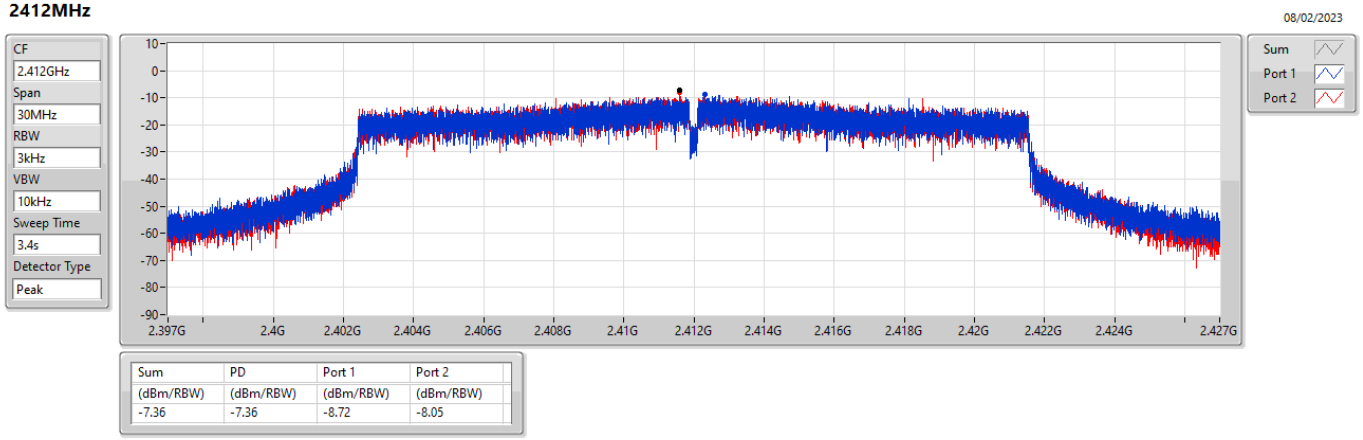
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.47	-5.47	-7.73	-7.33

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

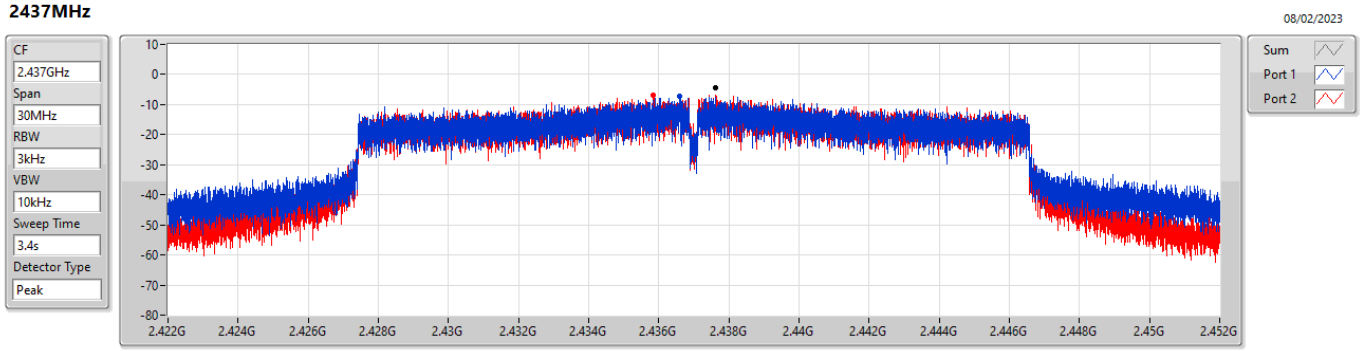
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.36	-7.36	-8.72	-8.05

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

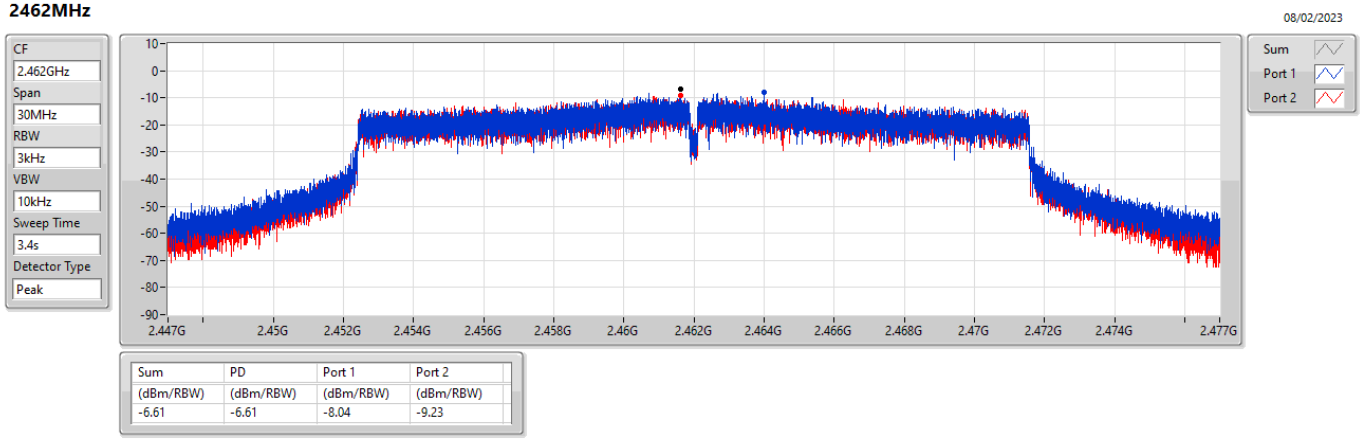
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.38	-4.38	-7.17	-6.87

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

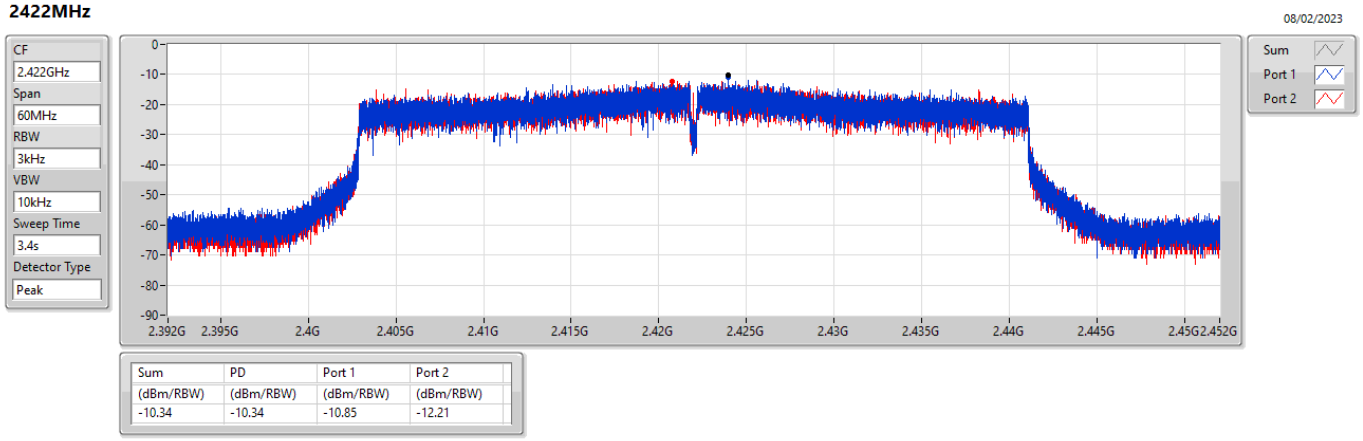
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.61	-6.61	-8.04	-9.23

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

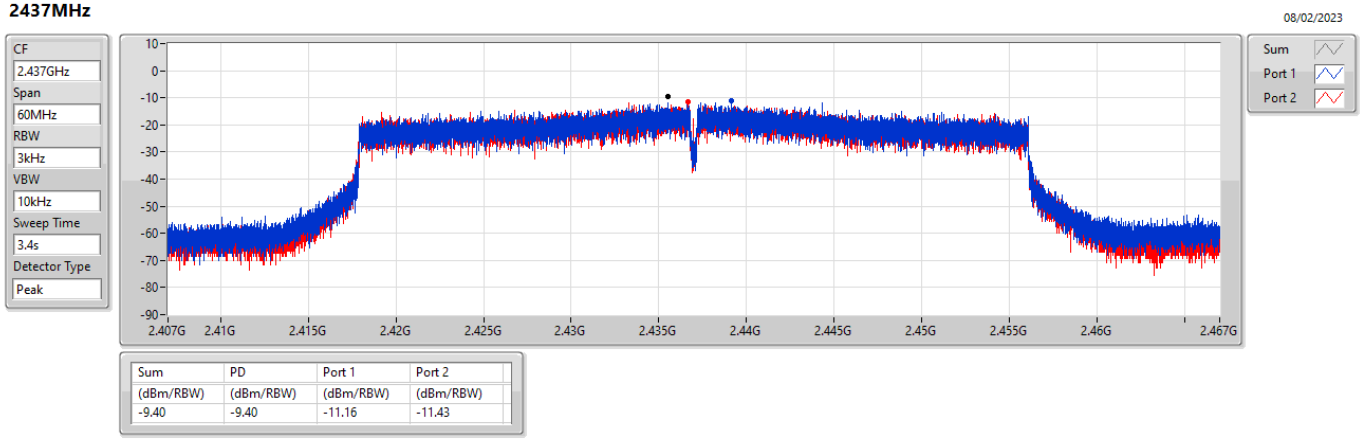
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.34	-10.34	-10.85	-12.21

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

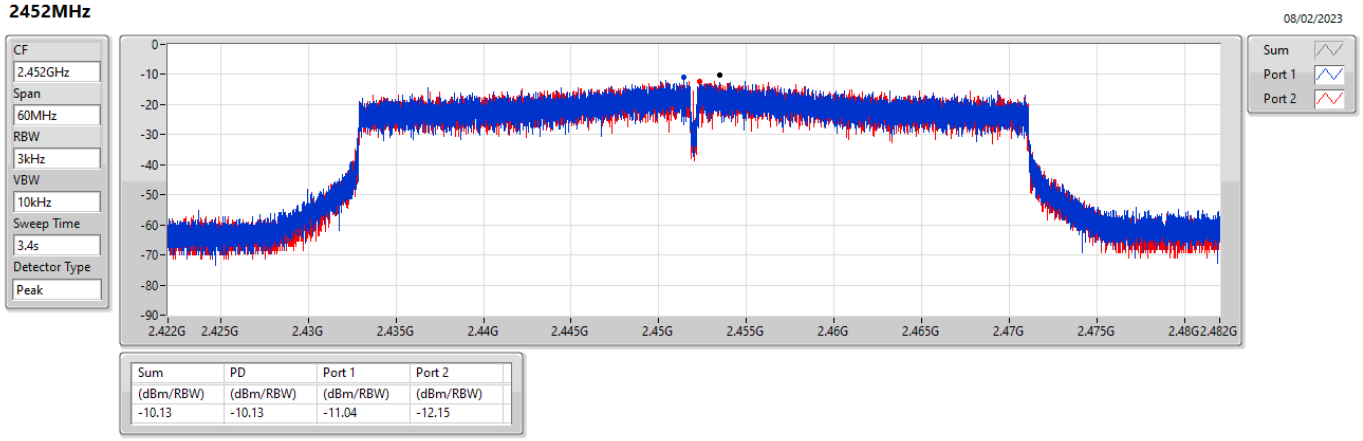
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.40	-9.40	-11.16	-11.43

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.13	-10.13	-11.04	-12.15

Summary

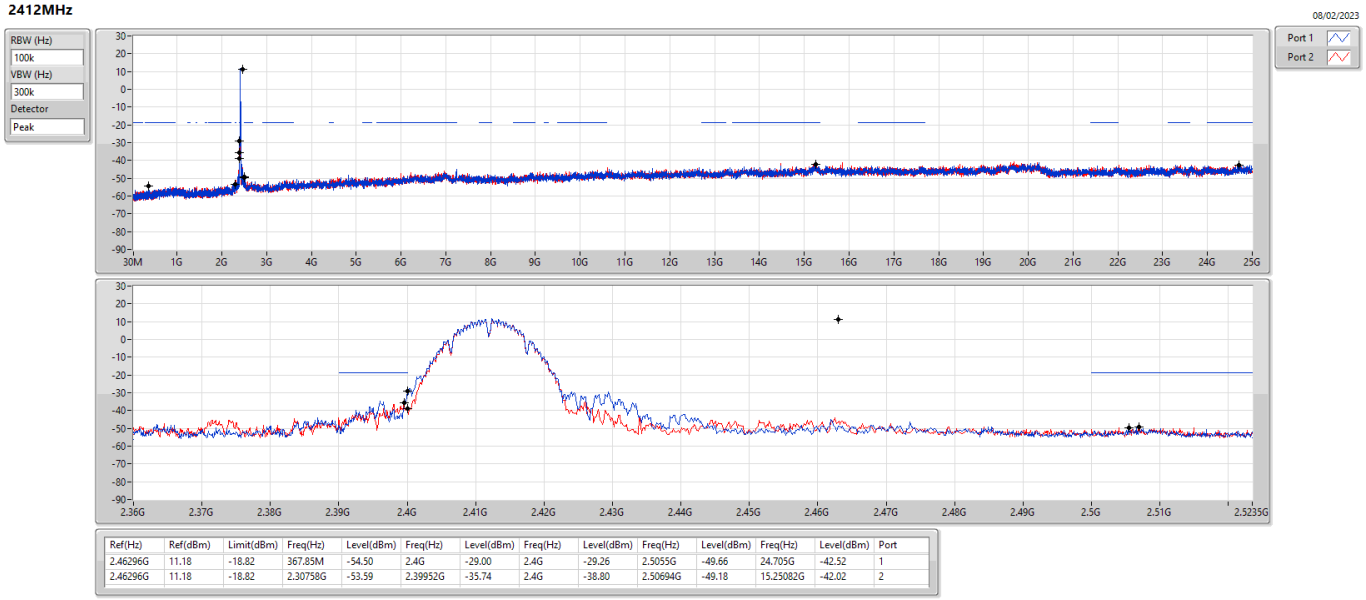
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.46296G	11.18	-18.82	367.85M	-54.50	2.4G	-29.00	2.4G	-29.26	2.5055G	-49.66	24.705G	-42.52	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43574G	10.53	-19.47	944.53M	-53.38	2.3992G	-26.99	2.4G	-26.55	2.50214G	-50.77	24.71904G	-42.19	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43574G	9.97	-20.03	2.17011G	-54.74	2.4G	-27.62	2.4G	-28.51	2.5067G	-50.44	15.23677G	-40.72	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.4319G	3.92	-26.08	1.99139G	-54.06	2.4G	-35.75	2.4G	-35.38	2.52654G	-49.69	15.20927G	-41.48	1

Result

Mode	Result	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
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46296G	11.18	-18.82	367.85M	-54.50	2.4G	-29.00	2.4G	-29.26	2.5055G	-49.66	24.705G	-42.52	1
2412MHz	Pass	2.46296G	11.18	-18.82	2.30758G	-53.59	2.39952G	-35.74	2.4G	-38.80	2.50694G	-49.18	15.25082G	-42.02	2
2437MHz	Pass	2.46296G	11.18	-18.82	2.30641G	-54.01	2.4G	-47.59	2.4G	-48.14	2.50398G	-48.94	23.33112G	-42.28	1
2437MHz	Pass	2.46296G	11.18	-18.82	710.36M	-53.55	2.39904G	-44.41	2.4G	-45.69	2.50094G	-49.26	14.62148G	-41.47	2
2462MHz	Pass	2.46296G	11.18	-18.82	2.30408G	-53.99	2.4G	-51.24	2.4G	-51.24	2.50198G	-43.69	24.77804G	-42.82	1
2462MHz	Pass	2.46296G	11.18	-18.82	1.93012G	-53.81	2.39304G	-49.80	2.4G	-49.43	2.50854G	-44.87	15.22553G	-41.28	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	10.53	-19.47	944.53M	-53.38	2.3992G	-26.99	2.4G	-26.55	2.50214G	-50.77	24.71904G	-42.19	1
2412MHz	Pass	2.43574G	10.53	-19.47	2.30874G	-52.54	2.4G	-29.59	2.4G	-28.79	2.50006G	-50.29	24.7949G	-42.35	2
2437MHz	Pass	2.43574G	10.53	-19.47	2.30175G	-53.81	2.39992G	-33.10	2.4G	-36.87	2.50326G	-45.63	13.93594G	-42.02	1
2437MHz	Pass	2.43574G	10.53	-19.47	2.11885G	-54.16	2.39728G	-43.44	2.4G	-45.45	2.50014G	-48.54	15.22272G	-41.80	2
2462MHz	Pass	2.43574G	10.53	-19.47	2.30408G	-53.92	2.39856G	-50.80	2.4G	-52.38	2.50318G	-48.03	24.03632G	-41.77	1
2462MHz	Pass	2.43574G	10.53	-19.47	2.30991G	-53.05	2.39192G	-51.60	2.4G	-53.49	2.50078G	-48.27	16.27912G	-42.08	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	9.97	-20.03	2.17011G	-54.74	2.4G	-27.62	2.4G	-28.51	2.5067G	-50.44	15.23677G	-40.72	1
2412MHz	Pass	2.43574G	9.97	-20.03	2.0804G	-52.87	2.39968G	-30.83	2.4G	-29.82	2.5119G	-51.45	24.24985G	-42.42	2
2437MHz	Pass	2.43574G	9.97	-20.03	2.15846G	-53.27	2.39912G	-40.51	2.4G	-42.49	2.50318G	-49.96	14.00337G	-42.35	1
2437MHz	Pass	2.43574G	9.97	-20.03	2.10021G	-54.26	2.39584G	-45.23	2.4G	-46.05	2.50326G	-47.87	21.97691G	-42.24	2
2462MHz	Pass	2.43574G	9.97	-20.03	2.07341G	-53.94	2.392G	-52.04	2.4G	-53.36	2.5015G	-49.34	24.72747G	-42.44	1
2462MHz	Pass	2.43574G	9.97	-20.03	2.09788G	-53.69	2.3972G	-51.06	2.4G	-53.78	2.50182G	-49.49	23.31988G	-41.55	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4319G	3.92	-26.08	1.99139G	-54.06	2.4G	-35.75	2.4G	-35.38	2.52654G	-49.69	15.20927G	-41.48	1
2422MHz	Pass	2.4319G	3.92	-26.08	2.30512G	-52.74	2.39968G	-37.10	2.4G	-36.42	2.50158G	-49.67	24.75881G	-41.76	2
2437MHz	Pass	2.4319G	3.92	-26.08	2.30397G	-53.10	2.39824G	-40.09	2.4G	-42.88	2.50014G	-49.31	16.75459G	-42.13	1
2437MHz	Pass	2.4319G	3.92	-26.08	2.30397G	-53.23	2.39936G	-40.75	2.4G	-43.12	2.5163G	-48.64	15.27378G	-41.93	2
2452MHz	Pass	2.4319G	3.92	-26.08	2.30168G	-54.66	2.39952G	-43.81	2.4G	-44.76	2.50094G	-43.13	24.83453G	-42.12	1
2452MHz	Pass	2.4319G	3.92	-26.08	2.30054G	-52.22	2.39824G	-47.56	2.4G	-48.54	2.50318G	-41.81	17.66887G	-42.40	2

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

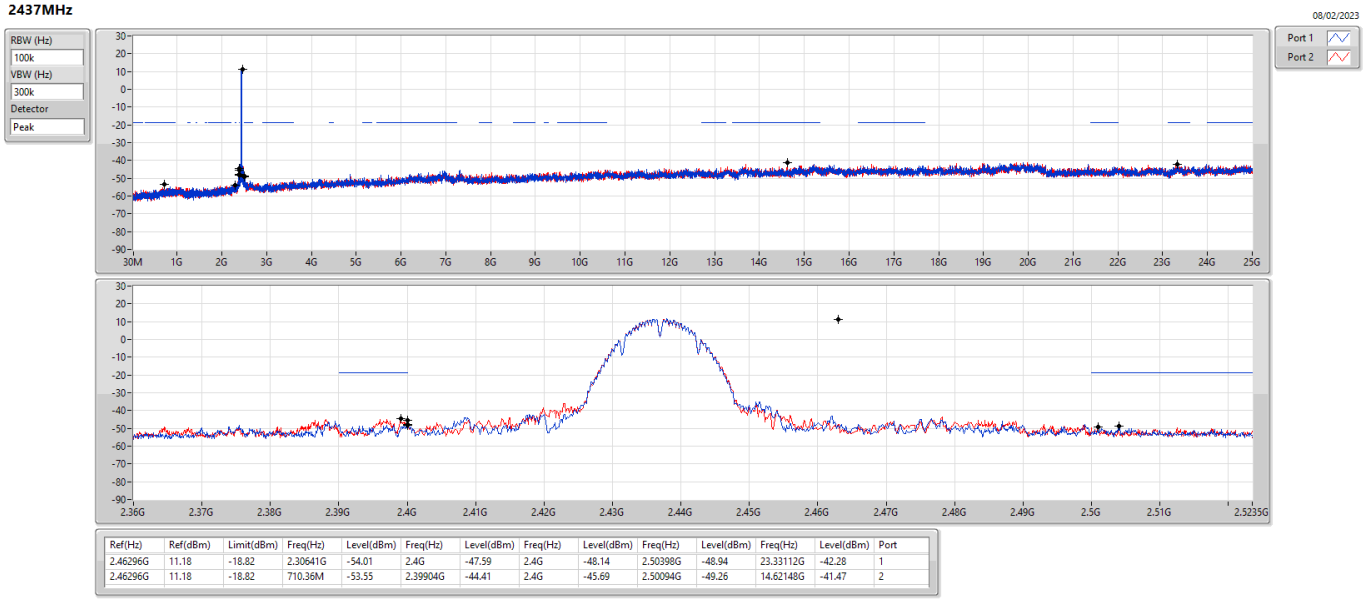
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46296G	11.18	-18.82	367.85M	-54.50	2.4G	-29.00	2.4G	-29.26	2.5055G	-49.66	24.705G	-42.52	1
2.46296G	11.18	-18.82	2.30758G	-53.59	2.39952G	-35.74	2.4G	-38.80	2.50694G	-49.18	15.25082G	-42.02	2

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

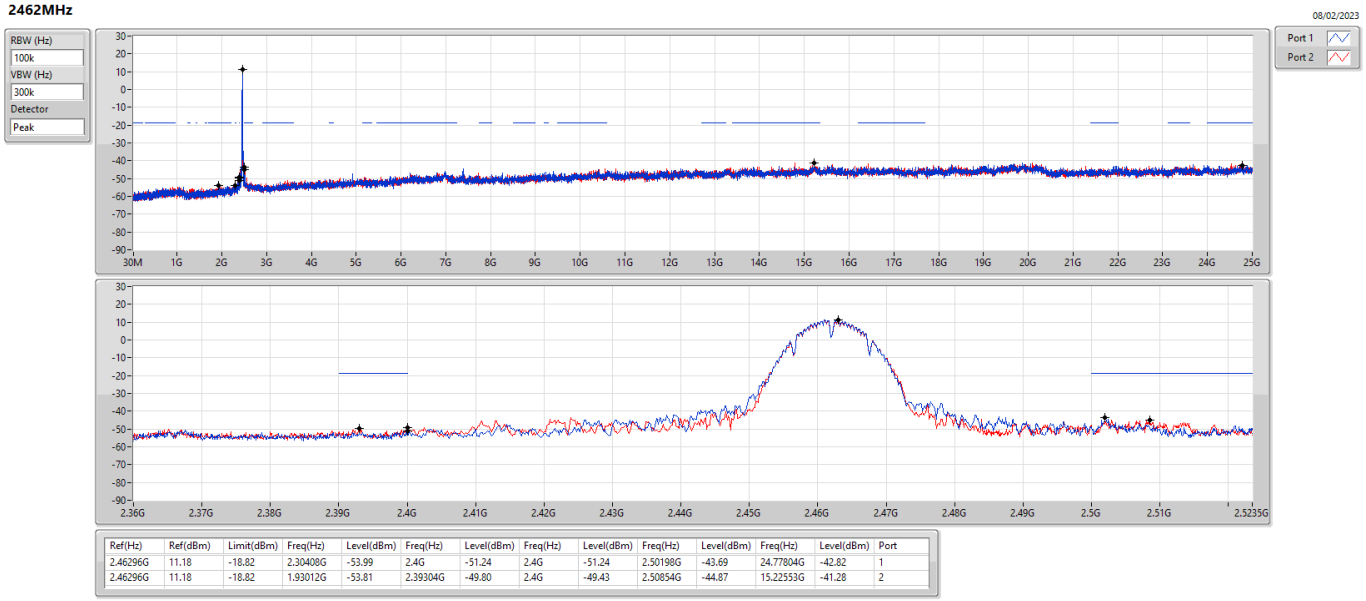
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46296G	11.18	-18.82	2.30641G	-54.01	2.4G	-47.59	2.4G	-48.14	2.50398G	-48.94	23.33112G	-42.28	1
2.46296G	11.18	-18.82	710.36M	-53.55	2.39904G	-44.41	2.4G	-45.69	2.50094G	-49.26	14.62148G	-41.47	2

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

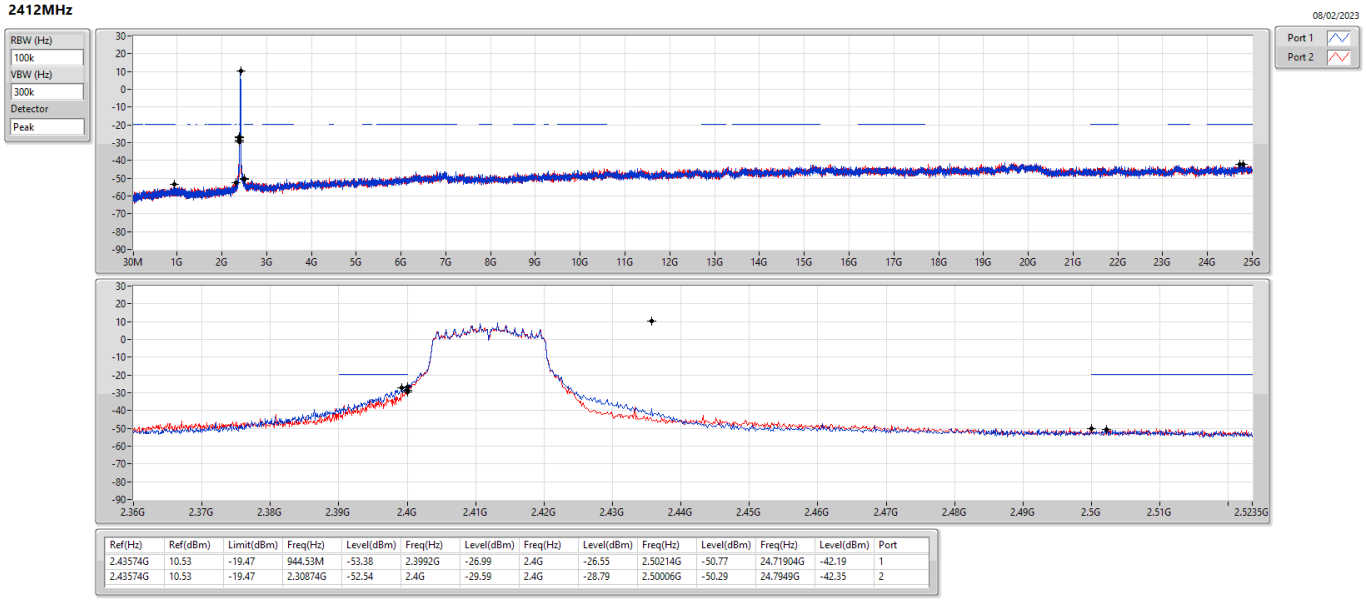
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46296G	11.18	-18.82	2.30408G	-53.99	2.4G	-51.24	2.4G	-51.24	2.50198G	-43.69	24.77804G	-42.82	1
2.46296G	11.18	-18.82	1.93012G	-53.81	2.39304G	-49.80	2.4G	-49.43	2.50854G	-44.87	15.22553G	-41.28	2

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

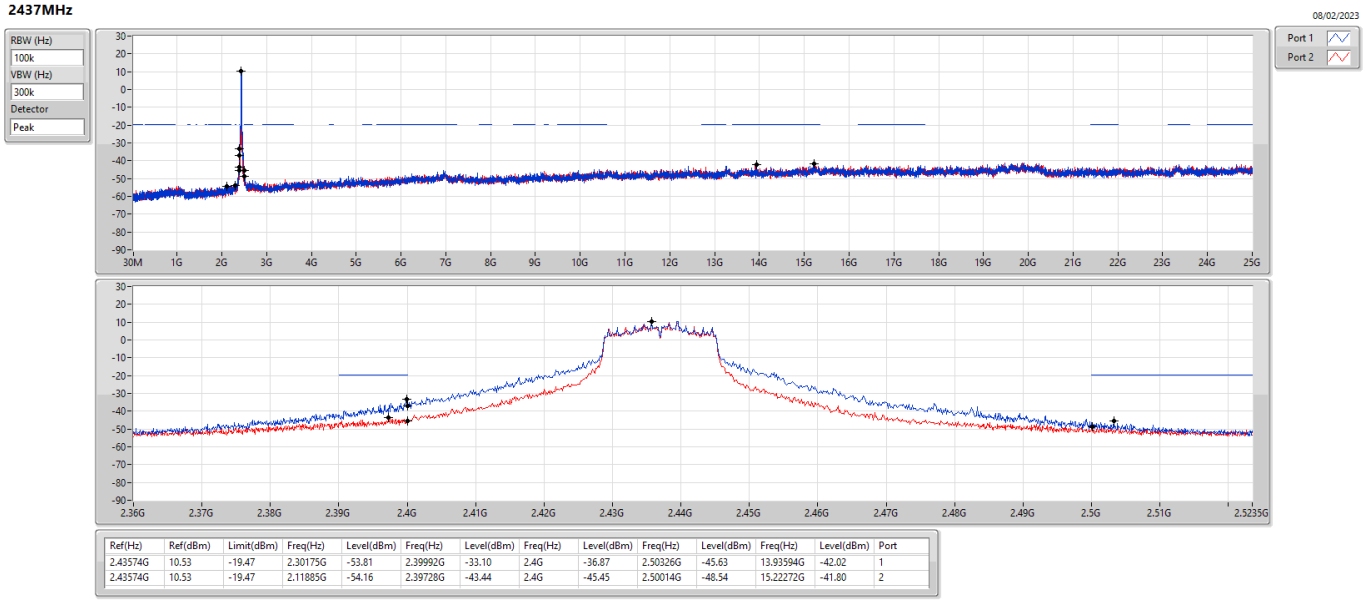
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	10.53	-19.47	944.53M	-53.38	2.3992G	-26.99	2.4G	-26.55	2.50214G	-50.77	24.71904G	-42.19	1
2.43574G	10.53	-19.47	2.30874G	-52.54	2.4G	-29.59	2.4G	-28.79	2.50006G	-50.29	24.7949G	-42.35	2

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

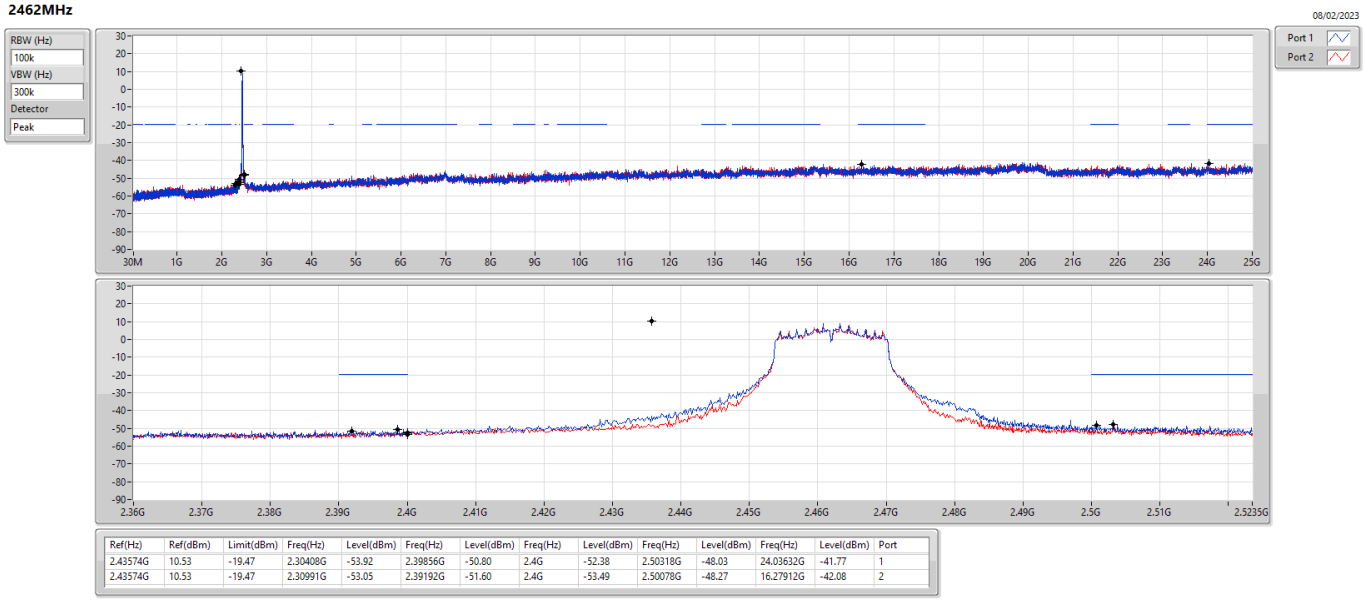
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	10.53	-19.47	2.30175G	-53.81	2.39992G	-33.10	2.4G	-36.87	2.50326G	-45.63	13.93594G	-42.02	1
2.43574G	10.53	-19.47	2.11885G	-54.16	2.39728G	-43.44	2.4G	-45.45	2.50014G	-48.54	15.22272G	-41.80	2

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

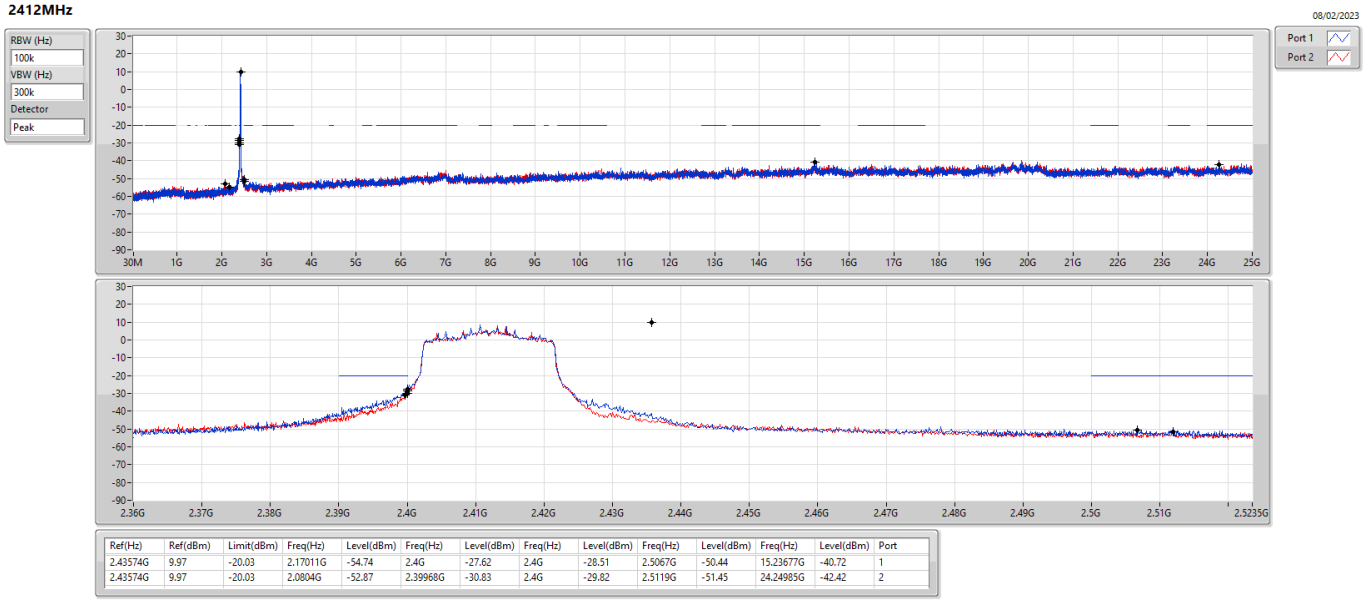
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	10.53	-19.47	2.30408G	-53.92	2.39856G	-50.80	2.4G	-52.38	2.50318G	-48.03	24.03632G	-41.77	1
2.43574G	10.53	-19.47	2.30991G	-53.05	2.39192G	-51.60	2.4G	-53.49	2.50078G	-48.27	16.27912G	-42.08	2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX CSENdB

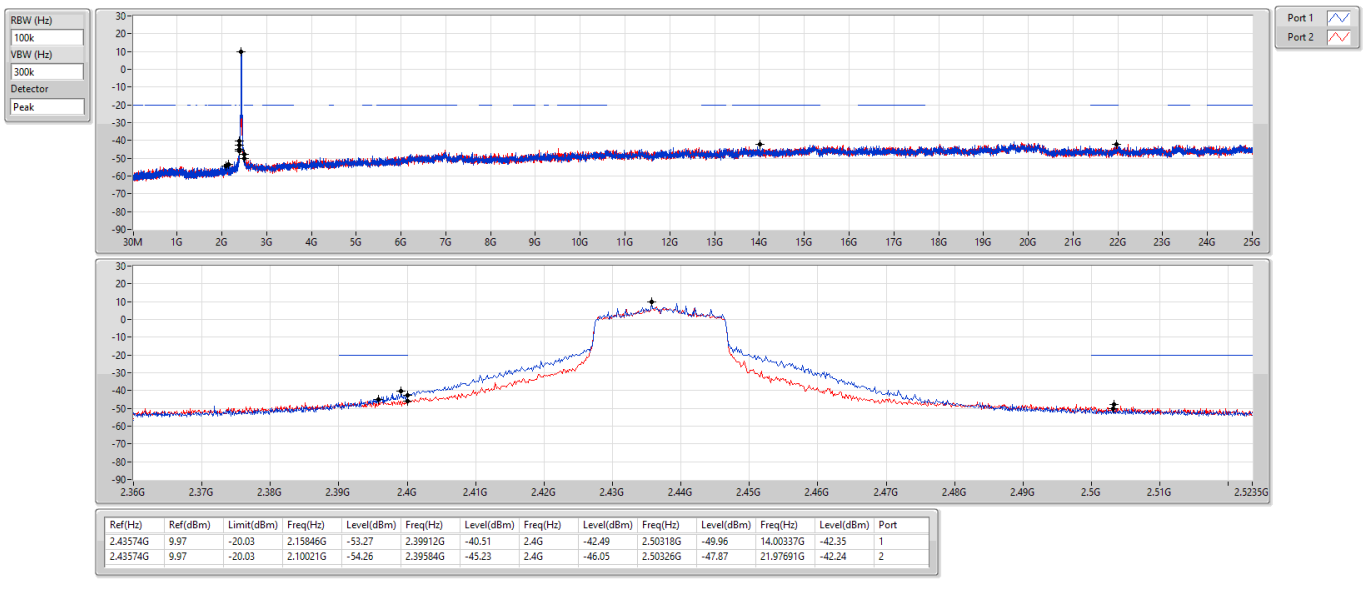
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	9.97	-20.03	2.17011G	-54.74	2.4G	-27.62	2.4G	-28.51	2.5067G	-50.44	15.23677G	-40.72	1
2.43574G	9.97	-20.03	2.0804G	-52.87	2.39968G	-30.83	2.4G	-29.82	2.5119G	-51.45	24.24985G	-42.42	2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX CSENdB

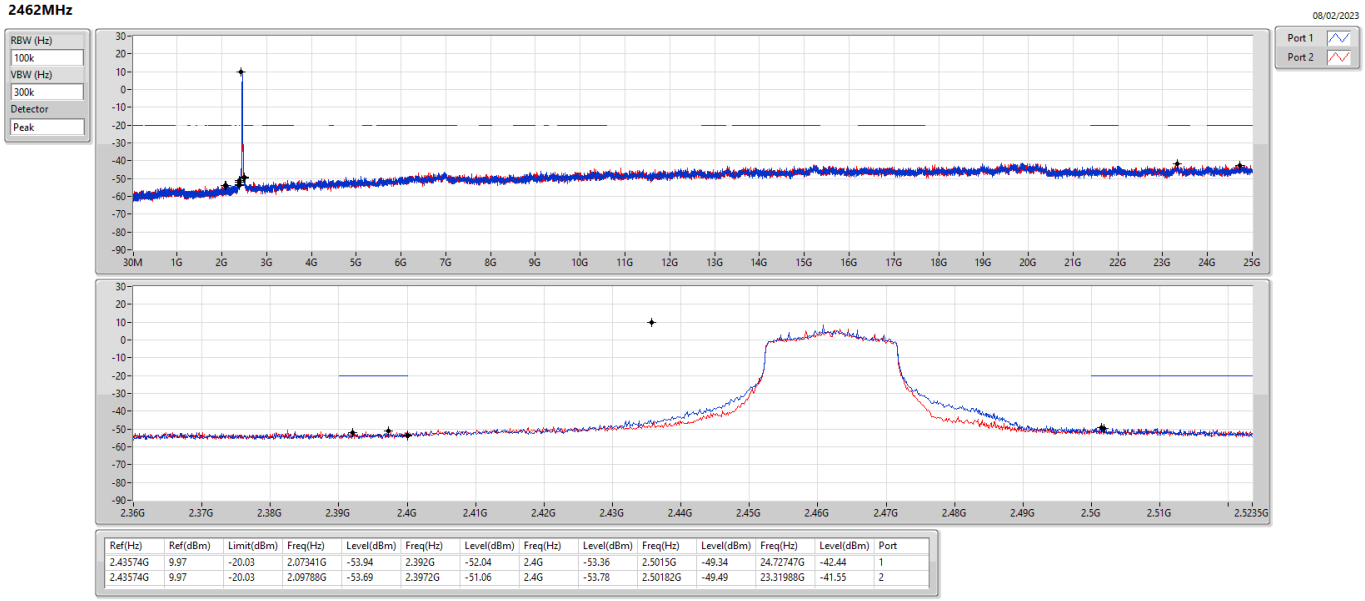
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	9.97	-20.03	2.15846G	-53.27	2.39912G	-40.51	2.4G	-42.49	2.50318G	-49.96	14.00337G	-42.35	1
2.43574G	9.97	-20.03	2.10021G	-54.26	2.39584G	-45.23	2.4G	-46.05	2.50326G	-47.87	21.97691G	-42.24	2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX CSENdB

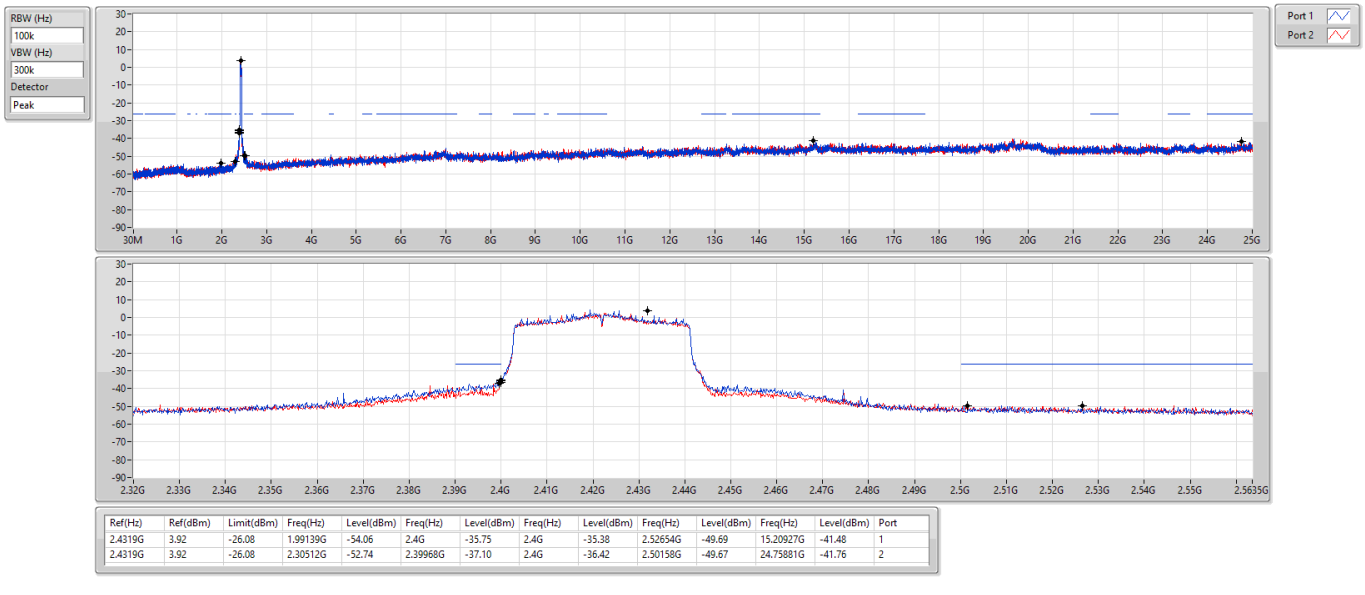
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	9.97	-20.03	2.07341G	-53.94	2.392G	-52.04	2.4G	-53.36	2.5015G	-49.34	24.72747G	-42.44	1
2.43574G	9.97	-20.03	2.09788G	-53.69	2.3972G	-51.06	2.4G	-53.78	2.50182G	-49.49	23.31988G	-41.55	2

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX CSENdB

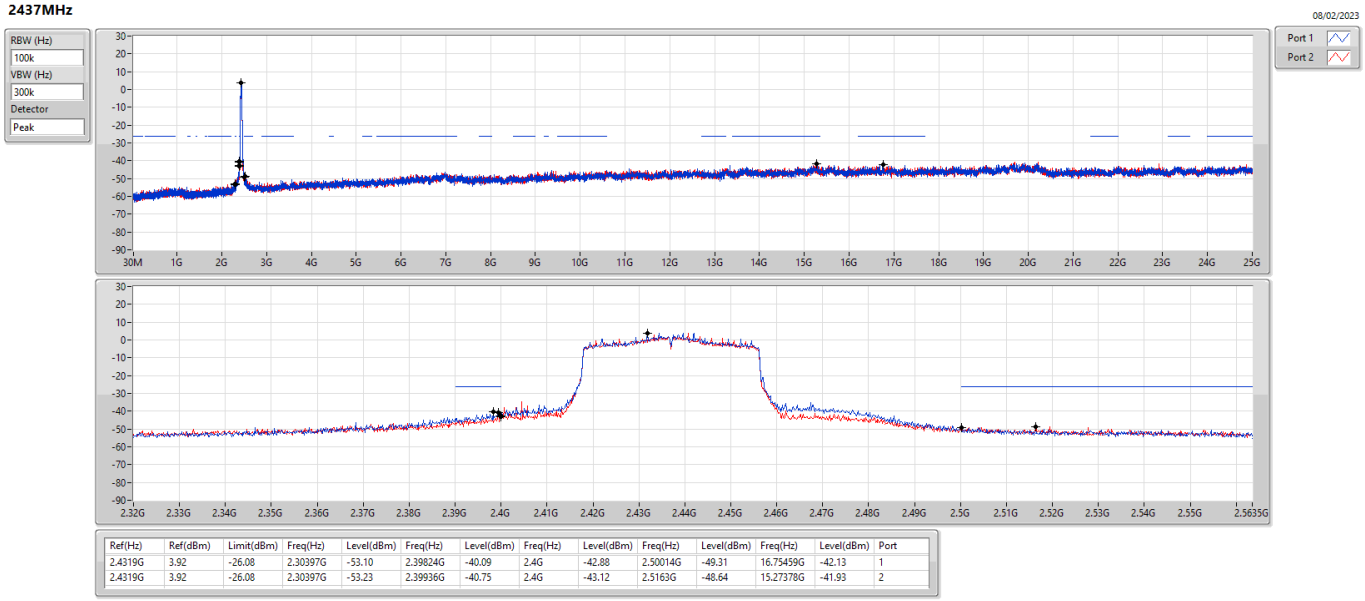
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	3.92	-26.08	1.99139G	-54.06	2.4G	-35.75	2.4G	-35.38	2.52654G	-49.69	15.20927G	-41.48	1
2.4319G	3.92	-26.08	2.30512G	-52.74	2.39968G	-37.10	2.4G	-36.42	2.50158G	-49.67	24.75881G	-41.76	2

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX CSENdB

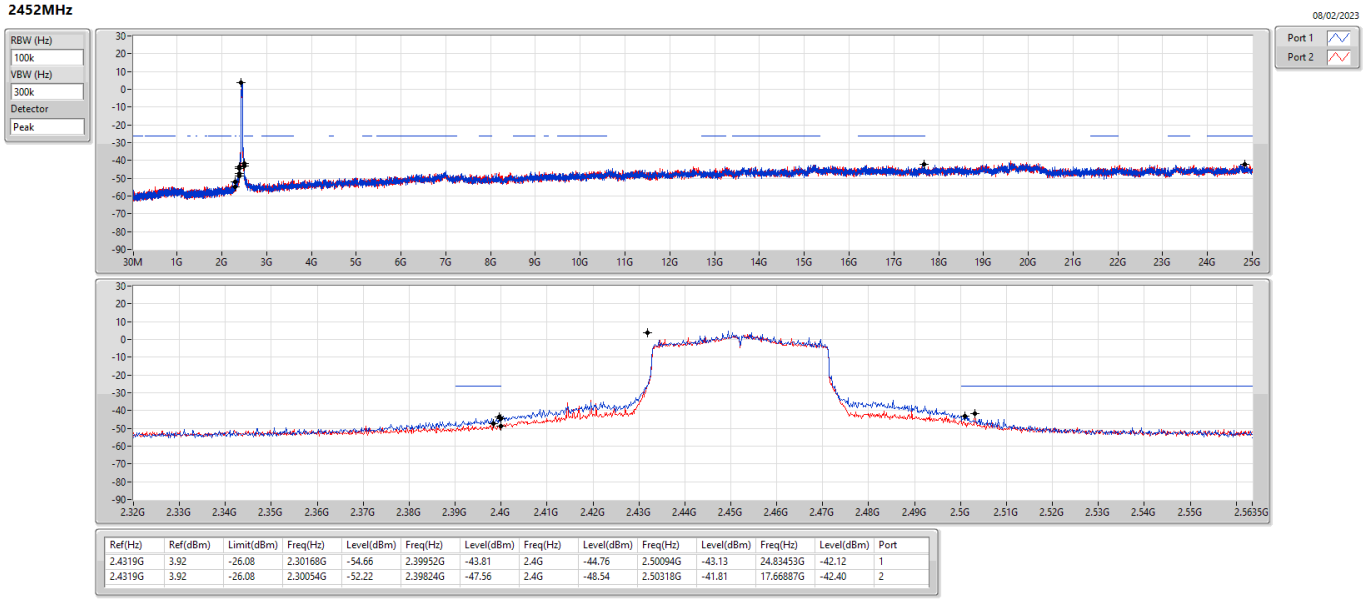
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	3.92	-26.08	2.30397G	-53.10	2.39824G	-40.09	2.4G	-42.88	2.50014G	-49.31	16.75459G	-42.13	1
2.4319G	3.92	-26.08	2.30397G	-53.23	2.39936G	-40.75	2.4G	-43.12	2.5163G	-48.64	15.27378G	-41.93	2

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX CSENdB

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	3.92	-26.08	2.30168G	-54.66	2.39952G	-43.81	2.4G	-44.76	2.50094G	-43.13	24.83453G	-42.12	1
2.4319G	3.92	-26.08	2.30054G	-52.22	2.39824G	-47.56	2.4G	-48.54	2.50318G	-41.81	17.66887G	-42.40	2

Summary

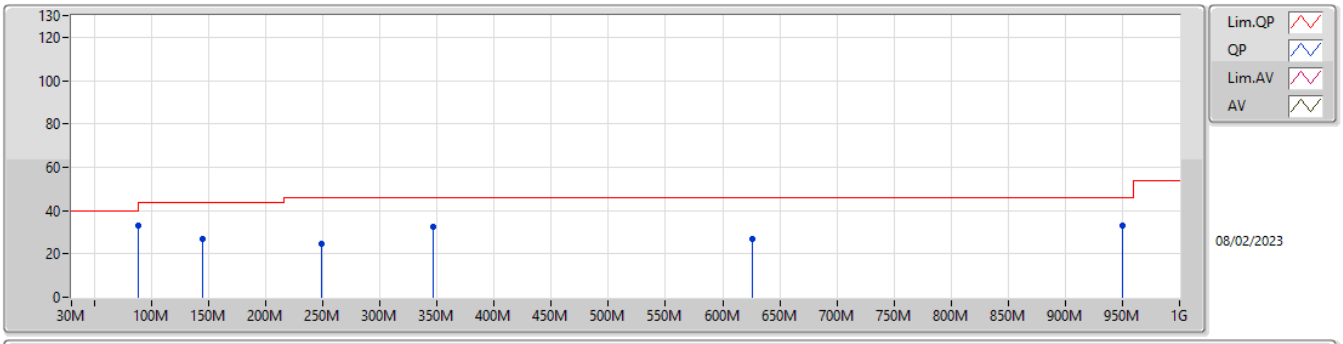
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	88.2M	33.03	43.50	-10.47	3	Vertical	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2452MHz	Pass	PK	88.2M	33.03	43.50	-10.47	3	Vertical	0	1.00
2452MHz	Pass	PK	144.46M	26.88	43.50	-16.62	3	Vertical	0	1.00
2452MHz	Pass	PK	249.22M	24.87	46.00	-21.13	3	Vertical	0	1.00
2452MHz	Pass	PK	346.22M	32.78	46.00	-13.22	3	Vertical	0	1.00
2452MHz	Pass	PK	625.58M	26.85	46.00	-19.15	3	Vertical	0	1.00
2452MHz	Pass	PK	949.56M	33.05	46.00	-12.95	3	Vertical	0	1.00
2452MHz	Pass	PK	109.54M	31.72	43.50	-11.78	3	Horizontal	360	1.00
2452MHz	Pass	PK	305.48M	34.07	46.00	-11.93	3	Horizontal	360	1.00
2452MHz	Pass	PK	400.54M	26.84	46.00	-19.16	3	Horizontal	360	1.00
2452MHz	Pass	PK	524.7M	28.31	46.00	-17.69	3	Horizontal	360	1.00
2452MHz	Pass	PK	749.74M	31.04	46.00	-14.96	3	Horizontal	360	1.00
2452MHz	Pass	PK	953.44M	31.84	46.00	-14.16	3	Horizontal	360	1.00

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

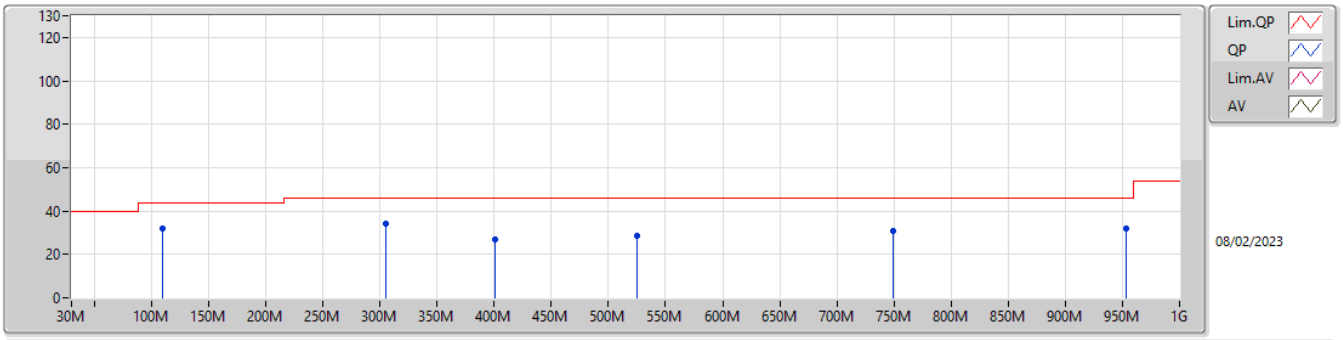
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	88.2M	33.03	43.50	-10.47	-22.05	3	Vertical	0	1.00	55.08	13.69	0.99	36.73
PK	144.46M	26.88	43.50	-16.62	-18.62	3	Vertical	0	1.00	45.50	16.45	1.37	36.44
PK	249.22M	24.87	46.00	-21.13	-16.99	3	Vertical	0	1.00	41.86	17.59	1.90	36.48
PK	346.22M	32.78	46.00	-13.22	-14.87	3	Vertical	0	1.00	47.65	19.39	2.26	36.52
PK	625.58M	26.85	46.00	-19.15	-8.75	3	Vertical	0	1.00	35.60	25.44	2.94	37.13
PK	949.56M	33.05	46.00	-12.95	-3.70	3	Vertical	0	1.00	36.75	29.91	3.74	37.35

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	109.54M	31.72	43.50	-11.78	-19.45	3	Horizontal	360	1.00	51.17	16.06	1.12	36.63
PK	305.48M	34.07	46.00	-11.93	-15.93	3	Horizontal	360	1.00	50.00	18.40	2.09	36.42
PK	400.54M	26.84	46.00	-19.16	-13.21	3	Horizontal	360	1.00	40.05	20.95	2.35	36.51
PK	524.7M	28.31	46.00	-17.69	-11.31	3	Horizontal	360	1.00	39.62	23.15	2.59	37.05
PK	749.74M	31.04	46.00	-14.96	-6.84	3	Horizontal	360	1.00	37.88	27.28	3.31	37.43
PK	953.44M	31.84	46.00	-14.16	-3.55	3	Horizontal	360	1.00	35.39	30.04	3.75	37.34

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.4886G	52.81	54.00	-1.19	3	Horizontal	305	2.38
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4836G	53.84	54.00	-0.16	3	Horizontal	37	2.01
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.87	54.00	-0.13	3	Horizontal	303	2.53
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.3848G	53.83	54.00	-0.17	3	Vertical	323	2.26

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3882G	50.35	54.00	-3.65	3	Vertical	303	1.78
2412MHz	Pass	AV	2.4114G	106.96	Inf	-Inf	3	Vertical	303	1.78
2412MHz	Pass	PK	2.3854G	59.02	74.00	-14.98	3	Vertical	303	1.78
2412MHz	Pass	PK	2.4128G	108.73	Inf	-Inf	3	Vertical	303	1.78
2412MHz	Pass	AV	2.388G	50.17	54.00	-3.83	3	Horizontal	41	1.93
2412MHz	Pass	AV	2.4112G	110.67	Inf	-Inf	3	Horizontal	41	1.93
2412MHz	Pass	PK	2.3886G	59.07	74.00	-14.93	3	Horizontal	41	1.93
2412MHz	Pass	PK	2.4112G	112.45	Inf	-Inf	3	Horizontal	41	1.93
2412MHz	Pass	AV	4.8239G	35.99	54.00	-18.01	3	Vertical	183	1.49
2412MHz	Pass	PK	4.82409G	46.46	74.00	-27.54	3	Vertical	183	1.49
2412MHz	Pass	AV	4.82404G	38.17	54.00	-15.83	3	Horizontal	332	1.14
2412MHz	Pass	PK	4.82385G	47.70	74.00	-26.30	3	Horizontal	332	1.14
2437MHz	Pass	AV	2.3862G	48.33	54.00	-5.67	3	Vertical	0	2.72
2437MHz	Pass	AV	2.4378G	108.22	Inf	-Inf	3	Vertical	0	2.72
2437MHz	Pass	AV	2.4882G	49.22	54.00	-4.78	3	Vertical	0	2.72
2437MHz	Pass	PK	2.387G	57.34	74.00	-16.66	3	Vertical	0	2.72
2437MHz	Pass	PK	2.4378G	109.99	Inf	-Inf	3	Vertical	0	2.72
2437MHz	Pass	PK	2.4878G	58.57	74.00	-15.43	3	Vertical	0	2.72
2437MHz	Pass	AV	2.3898G	50.43	54.00	-3.57	3	Horizontal	303	2.70
2437MHz	Pass	AV	2.4362G	110.83	Inf	-Inf	3	Horizontal	303	2.70
2437MHz	Pass	AV	2.4882G	50.56	54.00	-3.44	3	Horizontal	303	2.70
2437MHz	Pass	PK	2.3898G	59.16	74.00	-14.84	3	Horizontal	303	2.70
2437MHz	Pass	PK	2.4378G	112.76	Inf	-Inf	3	Horizontal	303	2.70
2437MHz	Pass	PK	2.4874G	58.68	74.00	-15.32	3	Horizontal	303	2.70
2437MHz	Pass	AV	4.87405G	39.26	54.00	-14.74	3	Vertical	182	1.50
2437MHz	Pass	PK	4.87383G	47.38	74.00	-26.62	3	Vertical	182	1.50
2437MHz	Pass	AV	4.874G	41.77	54.00	-12.23	3	Horizontal	313	2.13
2437MHz	Pass	PK	4.87405G	49.06	74.00	-24.94	3	Horizontal	313	2.13
2462MHz	Pass	AV	2.4628G	106.94	Inf	-Inf	3	Vertical	360	3.00
2462MHz	Pass	AV	2.4886G	51.74	54.00	-2.26	3	Vertical	360	3.00
2462MHz	Pass	PK	2.4628G	108.76	Inf	-Inf	3	Vertical	360	3.00
2462MHz	Pass	PK	2.4886G	59.58	74.00	-14.42	3	Vertical	360	3.00
2462MHz	Pass	AV	2.4628G	109.82	Inf	-Inf	3	Horizontal	305	2.38
2462MHz	Pass	AV	2.4886G	52.81	54.00	-1.19	3	Horizontal	305	2.38
2462MHz	Pass	PK	2.4628G	111.60	Inf	-Inf	3	Horizontal	305	2.38
2462MHz	Pass	PK	2.486G	60.79	74.00	-13.21	3	Horizontal	305	2.38
2462MHz	Pass	AV	4.92401G	39.92	54.00	-14.08	3	Vertical	186	1.60
2462MHz	Pass	PK	4.92417G	48.03	74.00	-25.97	3	Vertical	186	1.60
2462MHz	Pass	AV	4.92391G	39.54	54.00	-14.46	3	Horizontal	35	2.07
2462MHz	Pass	PK	4.92397G	49.04	74.00	-24.96	3	Horizontal	35	2.07
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.33	54.00	-0.67	3	Vertical	325	1.77
2412MHz	Pass	AV	2.413G	104.41	Inf	-Inf	3	Vertical	325	1.77
2412MHz	Pass	PK	2.3896G	66.38	74.00	-7.62	3	Vertical	325	1.77
2412MHz	Pass	PK	2.4132G	112.40	Inf	-Inf	3	Vertical	325	1.77
2412MHz	Pass	AV	2.39G	51.41	54.00	-2.59	3	Horizontal	46.9	2.95
2412MHz	Pass	AV	2.4112G	104.93	Inf	-Inf	3	Horizontal	46.9	2.95
2412MHz	Pass	PK	2.39G	64.69	74.00	-9.31	3	Horizontal	46.9	2.95
2412MHz	Pass	PK	2.4112G	112.93	Inf	-Inf	3	Horizontal	46.9	2.95
2412MHz	Pass	AV	4.82384G	33.95	54.00	-20.05	3	Vertical	244	1.90
2412MHz	Pass	PK	4.82285G	46.77	74.00	-27.23	3	Vertical	244	1.90
2412MHz	Pass	AV	4.82428G	33.94	54.00	-20.06	3	Horizontal	26	1.26
2412MHz	Pass	PK	4.82518G	45.44	74.00	-28.56	3	Horizontal	26	1.26
2417MHz	Pass	AV	2.39G	51.83	54.00	-2.17	3	Vertical	344	1.98
2417MHz	Pass	AV	2.4162G	104.55	Inf	-Inf	3	Vertical	344	1.98
2417MHz	Pass	PK	2.3898G	63.69	74.00	-10.31	3	Vertical	344	1.98
2417MHz	Pass	PK	2.4162G	112.34	Inf	-Inf	3	Vertical	344	1.98
2417MHz	Pass	AV	2.3896G	52.15	54.00	-1.85	3	Horizontal	35	1.82
2417MHz	Pass	AV	2.4192G	104.65	Inf	-Inf	3	Horizontal	35	1.82
2417MHz	Pass	PK	2.389G	65.90	74.00	-8.10	3	Horizontal	35	1.82

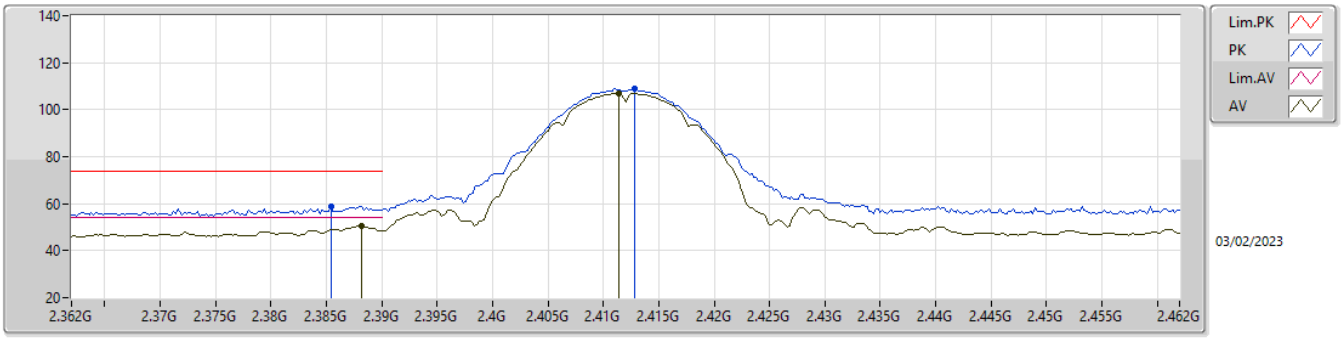
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2417MHz	Pass	PK	2.4188G	113.08	Inf	-Inf	3	Horizontal	35	1.82
2437MHz	Pass	AV	2.387G	52.05	54.00	-1.95	3	Vertical	341	1.98
2437MHz	Pass	AV	2.4362G	106.06	Inf	-Inf	3	Vertical	341	1.98
2437MHz	Pass	AV	2.4835G	51.72	54.00	-2.28	3	Vertical	341	1.98
2437MHz	Pass	PK	2.3898G	65.45	74.00	-8.55	3	Vertical	341	1.98
2437MHz	Pass	PK	2.4354G	114.07	Inf	-Inf	3	Vertical	341	1.98
2437MHz	Pass	PK	2.4835G	64.58	74.00	-9.42	3	Vertical	341	1.98
2437MHz	Pass	AV	2.3878G	53.63	54.00	-0.37	3	Horizontal	303	2.78
2437MHz	Pass	AV	2.4362G	108.03	Inf	-Inf	3	Horizontal	303	2.78
2437MHz	Pass	AV	2.4835G	51.61	54.00	-2.39	3	Horizontal	303	2.78
2437MHz	Pass	PK	2.3874G	68.33	74.00	-5.67	3	Horizontal	303	2.78
2437MHz	Pass	PK	2.4362G	115.78	Inf	-Inf	3	Horizontal	303	2.78
2437MHz	Pass	PK	2.4838G	66.93	74.00	-7.07	3	Horizontal	303	2.78
2437MHz	Pass	AV	4.8726G	33.46	54.00	-20.54	3	Vertical	100	2.55
2437MHz	Pass	PK	4.87508G	45.63	74.00	-28.37	3	Vertical	100	2.55
2437MHz	Pass	AV	4.87261G	33.50	54.00	-20.50	3	Horizontal	162	2.19
2437MHz	Pass	PK	4.87302G	45.50	74.00	-28.50	3	Horizontal	162	2.19
2457MHz	Pass	AV	2.456G	104.58	Inf	-Inf	3	Vertical	344	1.93
2457MHz	Pass	AV	2.4846G	50.81	54.00	-3.19	3	Vertical	344	1.93
2457MHz	Pass	PK	2.4562G	112.31	Inf	-Inf	3	Vertical	344	1.93
2457MHz	Pass	PK	2.4842G	62.31	74.00	-11.69	3	Vertical	344	1.93
2457MHz	Pass	AV	2.4592G	104.11	Inf	-Inf	3	Horizontal	38	2.01
2457MHz	Pass	AV	2.4835G	52.00	54.00	-2.00	3	Horizontal	38	2.01
2457MHz	Pass	PK	2.459G	112.82	Inf	-Inf	3	Horizontal	38	2.01
2457MHz	Pass	PK	2.4838G	63.61	74.00	-10.39	3	Horizontal	38	2.01
2462MHz	Pass	AV	2.461G	104.32	Inf	-Inf	3	Vertical	343	1.94
2462MHz	Pass	AV	2.4858G	52.33	54.00	-1.67	3	Vertical	343	1.94
2462MHz	Pass	PK	2.4612G	112.05	Inf	-Inf	3	Vertical	343	1.94
2462MHz	Pass	PK	2.4864G	64.69	74.00	-9.31	3	Vertical	343	1.94
2462MHz	Pass	AV	2.464G	104.06	Inf	-Inf	3	Horizontal	37	2.01
2462MHz	Pass	AV	2.4836G	53.84	54.00	-0.16	3	Horizontal	37	2.01
2462MHz	Pass	PK	2.4638G	112.81	Inf	-Inf	3	Horizontal	37	2.01
2462MHz	Pass	PK	2.4856G	64.81	74.00	-9.19	3	Horizontal	37	2.01
2462MHz	Pass	AV	4.92276G	33.95	54.00	-20.05	3	Vertical	43	1.82
2462MHz	Pass	PK	4.9253G	45.96	74.00	-28.04	3	Vertical	43	1.82
2462MHz	Pass	AV	4.92258G	33.94	54.00	-20.06	3	Horizontal	259	2.52
2462MHz	Pass	PK	4.92292G	45.02	74.00	-28.98	3	Horizontal	259	2.52
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.83	54.00	-1.17	3	Vertical	328	1.76
2412MHz	Pass	AV	2.4108G	102.87	Inf	-Inf	3	Vertical	328	1.76
2412MHz	Pass	PK	2.39G	65.64	74.00	-8.36	3	Vertical	328	1.76
2412MHz	Pass	PK	2.4114G	114.16	Inf	-Inf	3	Vertical	328	1.76
2412MHz	Pass	AV	2.39G	53.87	54.00	-0.13	3	Horizontal	303	2.53
2412MHz	Pass	AV	2.4112G	104.46	Inf	-Inf	3	Horizontal	303	2.53
2412MHz	Pass	PK	2.39G	66.82	74.00	-7.18	3	Horizontal	303	2.53
2412MHz	Pass	PK	2.4116G	115.15	Inf	-Inf	3	Horizontal	303	2.53
2412MHz	Pass	AV	4.8237G	34.15	54.00	-19.85	3	Vertical	213	1.47
2412MHz	Pass	PK	4.82319G	46.06	74.00	-27.94	3	Vertical	213	1.47
2412MHz	Pass	AV	4.82314G	34.23	54.00	-19.77	3	Horizontal	145	2.48
2412MHz	Pass	PK	4.82359G	45.36	74.00	-28.64	3	Horizontal	145	2.48
2417MHz	Pass	AV	2.39G	51.18	54.00	-2.82	3	Vertical	320	2.24
2417MHz	Pass	AV	2.4186G	103.13	Inf	-Inf	3	Vertical	320	2.24
2417MHz	Pass	PK	2.3888G	65.15	74.00	-8.85	3	Vertical	320	2.24
2417MHz	Pass	PK	2.419G	114.40	Inf	-Inf	3	Vertical	320	2.24
2417MHz	Pass	AV	2.3884G	50.19	54.00	-3.81	3	Horizontal	54	2.66
2417MHz	Pass	AV	2.4164G	104.20	Inf	-Inf	3	Horizontal	54	2.66
2417MHz	Pass	PK	2.3878G	66.37	74.00	-7.63	3	Horizontal	54	2.66
2417MHz	Pass	PK	2.4158G	115.92	Inf	-Inf	3	Horizontal	54	2.66
2437MHz	Pass	AV	2.3898G	48.74	54.00	-5.26	3	Vertical	328	2.26
2437MHz	Pass	AV	2.4382G	103.67	Inf	-Inf	3	Vertical	328	2.26
2437MHz	Pass	AV	2.4835G	48.00	54.00	-6.00	3	Vertical	328	2.26
2437MHz	Pass	PK	2.389G	62.92	74.00	-11.08	3	Vertical	328	2.26

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	PK	2.4398G	114.58	Inf	-Inf	3	Vertical	328	2.26
2437MHz	Pass	PK	2.4835G	61.25	74.00	-12.75	3	Vertical	328	2.26
2437MHz	Pass	AV	2.389G	49.59	54.00	-4.41	3	Horizontal	40	2.34
2437MHz	Pass	AV	2.4362G	105.41	Inf	-Inf	3	Horizontal	40	2.34
2437MHz	Pass	AV	2.4874G	48.11	54.00	-5.89	3	Horizontal	40	2.34
2437MHz	Pass	PK	2.3862G	65.73	74.00	-8.27	3	Horizontal	40	2.34
2437MHz	Pass	PK	2.4362G	116.92	Inf	-Inf	3	Horizontal	40	2.34
2437MHz	Pass	PK	2.487G	61.69	74.00	-12.31	3	Horizontal	40	2.34
2437MHz	Pass	AV	4.87351G	33.68	54.00	-20.32	3	Vertical	192	2.06
2437MHz	Pass	PK	4.87293G	46.33	74.00	-27.67	3	Vertical	192	2.06
2437MHz	Pass	AV	4.87392G	33.67	54.00	-20.33	3	Horizontal	5	2.36
2437MHz	Pass	PK	4.87506G	46.04	74.00	-27.96	3	Horizontal	5	2.36
2457MHz	Pass	AV	2.458G	103.51	Inf	-Inf	3	Vertical	320	1.95
2457MHz	Pass	AV	2.4866G	51.99	54.00	-2.01	3	Vertical	320	1.95
2457MHz	Pass	PK	2.458G	114.32	Inf	-Inf	3	Vertical	320	1.95
2457MHz	Pass	PK	2.4835G	65.85	74.00	-8.15	3	Vertical	320	1.95
2457MHz	Pass	AV	2.4562G	104.47	Inf	-Inf	3	Horizontal	40	2.04
2457MHz	Pass	AV	2.4844G	53.44	54.00	-0.56	3	Horizontal	40	2.04
2457MHz	Pass	PK	2.4564G	115.58	Inf	-Inf	3	Horizontal	40	2.04
2457MHz	Pass	PK	2.4844G	69.05	74.00	-4.95	3	Horizontal	40	2.04
2462MHz	Pass	AV	2.4608G	102.30	Inf	-Inf	3	Vertical	357	2.22
2462MHz	Pass	AV	2.4856G	51.52	54.00	-2.48	3	Vertical	357	2.22
2462MHz	Pass	PK	2.4612G	113.83	Inf	-Inf	3	Vertical	357	2.22
2462MHz	Pass	PK	2.4835G	64.51	74.00	-9.49	3	Vertical	357	2.22
2462MHz	Pass	AV	2.4614G	104.27	Inf	-Inf	3	Horizontal	303	2.38
2462MHz	Pass	AV	2.4862G	53.09	54.00	-0.91	3	Horizontal	303	2.38
2462MHz	Pass	PK	2.461G	115.51	Inf	-Inf	3	Horizontal	303	2.38
2462MHz	Pass	PK	2.4838G	67.63	74.00	-6.37	3	Horizontal	303	2.38
2462MHz	Pass	AV	4.92315G	34.28	54.00	-19.72	3	Vertical	352	1.34
2462MHz	Pass	PK	4.92263G	46.46	74.00	-27.54	3	Vertical	352	1.34
2462MHz	Pass	AV	4.92321G	34.18	54.00	-19.82	3	Horizontal	154	1.69
2462MHz	Pass	PK	4.92404G	45.49	74.00	-28.51	3	Horizontal	154	1.69
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3848G	53.83	54.00	-0.17	3	Vertical	323	2.26
2422MHz	Pass	AV	2.4232G	99.82	Inf	-Inf	3	Vertical	323	2.26
2422MHz	Pass	AV	2.4835G	47.05	54.00	-6.95	3	Vertical	323	2.26
2422MHz	Pass	PK	2.3868G	67.61	74.00	-6.39	3	Vertical	323	2.26
2422MHz	Pass	PK	2.4244G	110.19	Inf	-Inf	3	Vertical	323	2.26
2422MHz	Pass	PK	2.486G	58.05	74.00	-15.95	3	Vertical	323	2.26
2422MHz	Pass	AV	2.39G	53.78	54.00	-0.22	3	Horizontal	32	1.80
2422MHz	Pass	AV	2.4212G	100.45	Inf	-Inf	3	Horizontal	32	1.80
2422MHz	Pass	AV	2.4835G	47.04	54.00	-6.96	3	Horizontal	32	1.80
2422MHz	Pass	PK	2.39G	67.85	74.00	-6.15	3	Horizontal	32	1.80
2422MHz	Pass	PK	2.4228G	111.60	Inf	-Inf	3	Horizontal	32	1.80
2422MHz	Pass	PK	2.4924G	58.16	74.00	-15.84	3	Horizontal	32	1.80
2422MHz	Pass	AV	4.84424G	34.42	54.00	-19.58	3	Vertical	90	2.60
2422MHz	Pass	PK	4.84329G	46.03	74.00	-27.97	3	Vertical	90	2.60
2422MHz	Pass	AV	4.84269G	34.45	54.00	-19.55	3	Horizontal	183	2.71
2422MHz	Pass	PK	4.84521G	46.05	74.00	-27.95	3	Horizontal	183	2.71
2427MHz	Pass	AV	2.3898G	52.52	54.00	-1.48	3	Vertical	327	1.98
2427MHz	Pass	AV	2.429G	99.66	Inf	-Inf	3	Vertical	327	1.98
2427MHz	Pass	AV	2.4835G	47.43	54.00	-6.57	3	Vertical	327	1.98
2427MHz	Pass	PK	2.3898G	64.62	74.00	-9.38	3	Vertical	327	1.98
2427MHz	Pass	PK	2.4278G	110.47	Inf	-Inf	3	Vertical	327	1.98
2427MHz	Pass	PK	2.4878G	58.00	74.00	-16.00	3	Vertical	327	1.98
2427MHz	Pass	AV	2.3874G	52.76	54.00	-1.24	3	Horizontal	34	1.83
2427MHz	Pass	AV	2.4262G	100.47	Inf	-Inf	3	Horizontal	34	1.83
2427MHz	Pass	AV	2.4874G	47.04	54.00	-6.96	3	Horizontal	34	1.83
2427MHz	Pass	PK	2.3862G	65.48	74.00	-8.52	3	Horizontal	34	1.83
2427MHz	Pass	PK	2.4258G	111.45	Inf	-Inf	3	Horizontal	34	1.83
2427MHz	Pass	PK	2.4878G	58.21	74.00	-15.79	3	Horizontal	34	1.83
2437MHz	Pass	AV	2.3874G	50.93	54.00	-3.07	3	Vertical	341	1.97

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	AV	2.4354G	99.89	Inf	-Inf	3	Vertical	341	1.97
2437MHz	Pass	AV	2.4835G	50.79	54.00	-3.21	3	Vertical	341	1.97
2437MHz	Pass	PK	2.3878G	65.80	74.00	-8.20	3	Vertical	341	1.97
2437MHz	Pass	PK	2.4354G	111.34	Inf	-Inf	3	Vertical	341	1.97
2437MHz	Pass	PK	2.4874G	63.72	74.00	-10.28	3	Vertical	341	1.97
2437MHz	Pass	AV	2.3882G	52.88	54.00	-1.12	3	Horizontal	304	2.78
2437MHz	Pass	AV	2.4362G	102.10	Inf	-Inf	3	Horizontal	304	2.78
2437MHz	Pass	AV	2.4846G	50.46	54.00	-3.54	3	Horizontal	304	2.78
2437MHz	Pass	PK	2.3882G	66.30	74.00	-7.70	3	Horizontal	304	2.78
2437MHz	Pass	PK	2.4358G	113.27	Inf	-Inf	3	Horizontal	304	2.78
2437MHz	Pass	PK	2.4862G	64.44	74.00	-9.56	3	Horizontal	304	2.78
2437MHz	Pass	AV	4.87294G	33.75	54.00	-20.25	3	Vertical	288	2.42
2437MHz	Pass	PK	4.87304G	45.74	74.00	-28.26	3	Vertical	288	2.42
2437MHz	Pass	AV	4.87349G	33.87	54.00	-20.13	3	Horizontal	303	1.15
2437MHz	Pass	PK	4.87494G	45.02	74.00	-28.98	3	Horizontal	303	1.15
2447MHz	Pass	AV	2.3878G	48.37	54.00	-5.63	3	Vertical	338	1.92
2447MHz	Pass	AV	2.445G	99.70	Inf	-Inf	3	Vertical	338	1.92
2447MHz	Pass	AV	2.4835G	52.72	54.00	-1.28	3	Vertical	338	1.92
2447MHz	Pass	PK	2.387G	60.12	74.00	-13.88	3	Vertical	338	1.92
2447MHz	Pass	PK	2.4442G	110.41	Inf	-Inf	3	Vertical	338	1.92
2447MHz	Pass	PK	2.4842G	68.01	74.00	-5.99	3	Vertical	338	1.92
2447MHz	Pass	AV	2.3886G	50.16	54.00	-3.84	3	Horizontal	304	2.71
2447MHz	Pass	AV	2.4462G	101.77	Inf	-Inf	3	Horizontal	304	2.71
2447MHz	Pass	AV	2.485G	53.77	54.00	-0.23	3	Horizontal	304	2.71
2447MHz	Pass	PK	2.387G	61.97	74.00	-12.03	3	Horizontal	304	2.71
2447MHz	Pass	PK	2.4462G	112.71	Inf	-Inf	3	Horizontal	304	2.71
2447MHz	Pass	PK	2.485G	69.70	74.00	-4.30	3	Horizontal	304	2.71
2452MHz	Pass	AV	2.3872G	48.10	54.00	-5.90	3	Vertical	333	1.94
2452MHz	Pass	AV	2.4536G	99.95	Inf	-Inf	3	Vertical	333	1.94
2452MHz	Pass	AV	2.4835G	52.58	54.00	-1.42	3	Vertical	333	1.94
2452MHz	Pass	PK	2.3872G	61.25	74.00	-12.75	3	Vertical	333	1.94
2452MHz	Pass	PK	2.4544G	111.36	Inf	-Inf	3	Vertical	333	1.94
2452MHz	Pass	PK	2.4864G	69.07	74.00	-4.93	3	Vertical	333	1.94
2452MHz	Pass	AV	2.39G	49.12	54.00	-4.88	3	Horizontal	40	2.09
2452MHz	Pass	AV	2.4512G	101.46	Inf	-Inf	3	Horizontal	40	2.09
2452MHz	Pass	AV	2.4896G	52.63	54.00	-1.37	3	Horizontal	40	2.09
2452MHz	Pass	PK	2.382G	62.25	74.00	-11.75	3	Horizontal	40	2.09
2452MHz	Pass	PK	2.45G	112.42	Inf	-Inf	3	Horizontal	40	2.09
2452MHz	Pass	PK	2.492G	68.04	74.00	-5.96	3	Horizontal	40	2.09
2452MHz	Pass	AV	4.90278G	34.30	54.00	-19.70	3	Vertical	196	1.93
2452MHz	Pass	PK	4.90467G	46.88	74.00	-27.12	3	Vertical	196	1.93
2452MHz	Pass	AV	4.9047G	34.21	54.00	-19.79	3	Horizontal	59	2.19
2452MHz	Pass	PK	4.9027G	46.73	74.00	-27.27	3	Horizontal	59	2.19

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

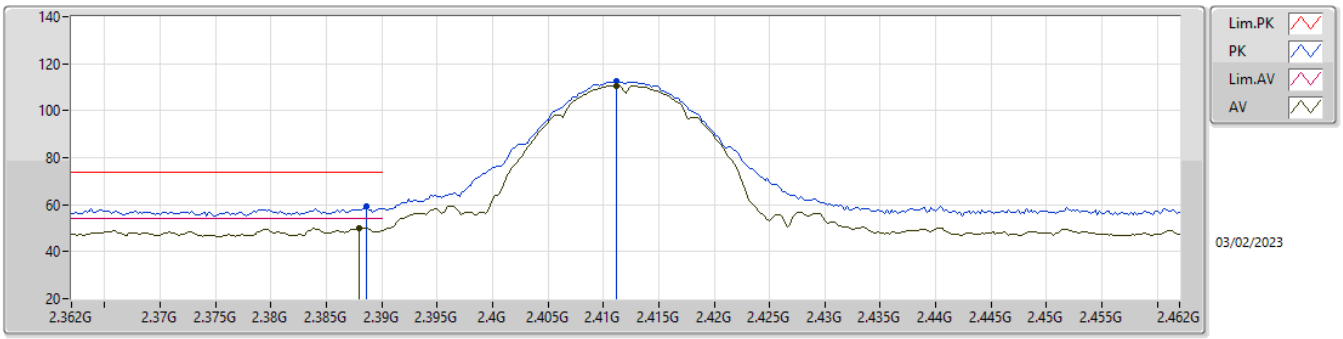
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3882G	50.35	54.00	-3.65	31.54	3	Vertical	303	1.78	18.81	27.38	4.16	-
AV	2.4114G	106.96	Inf	-Inf	31.63	3	Vertical	303	1.78	75.33	27.45	4.18	-
PK	2.3854G	59.02	74.00	-14.98	31.53	3	Vertical	303	1.78	27.49	27.37	4.16	-
PK	2.4128G	108.73	Inf	-Inf	31.63	3	Vertical	303	1.78	77.10	27.45	4.18	-

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

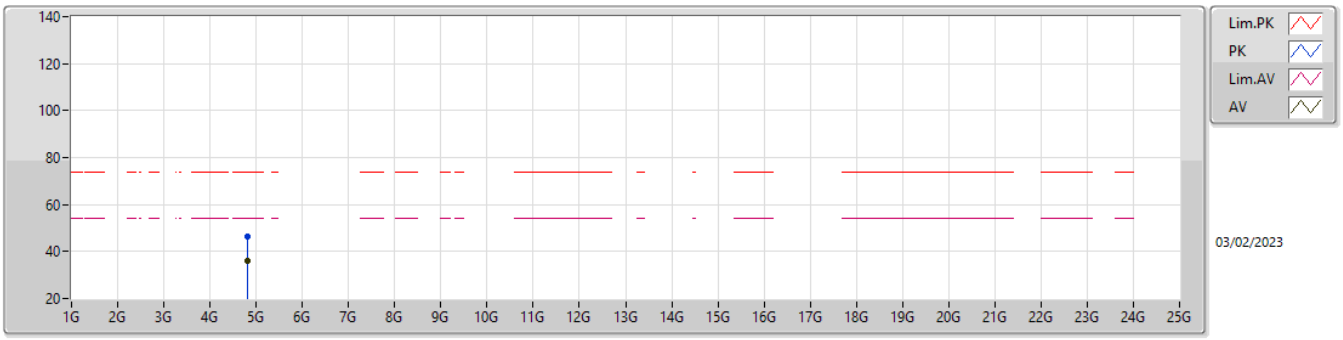
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.388G	50.17	54.00	-3.83	31.54	3	Horizontal	41	1.93	18.63	27.38	4.16	-
AV	2.4112G	110.67	Inf	-Inf	31.62	3	Horizontal	41	1.93	79.05	27.44	4.18	-
PK	2.3886G	59.07	74.00	-14.93	31.54	3	Horizontal	41	1.93	27.53	27.38	4.16	-
PK	2.4112G	112.45	Inf	-Inf	31.62	3	Horizontal	41	1.93	80.83	27.44	4.18	-

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

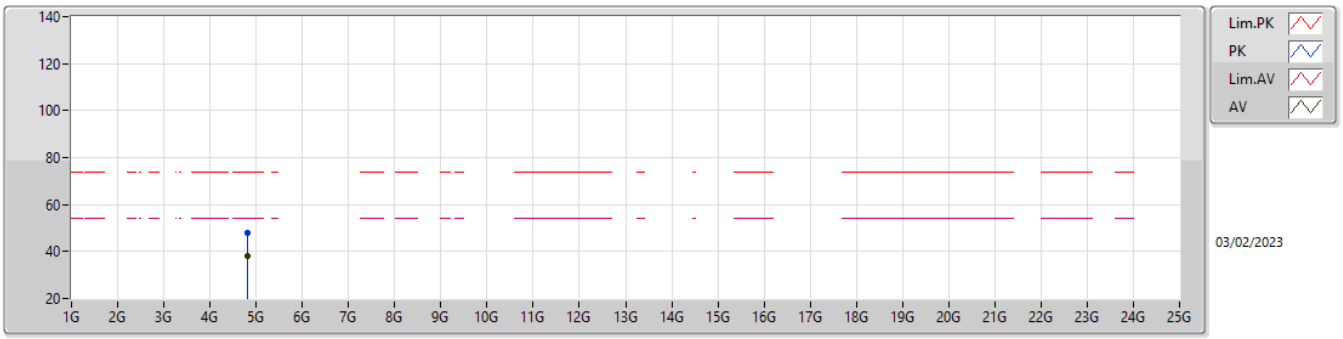
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.8239G	35.99	54.00	-18.01	3.37	3	Vertical	183	1.49	32.62	32.34	5.68	34.65
PK	4.82409G	46.46	74.00	-27.54	3.37	3	Vertical	183	1.49	43.09	32.34	5.68	34.65

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

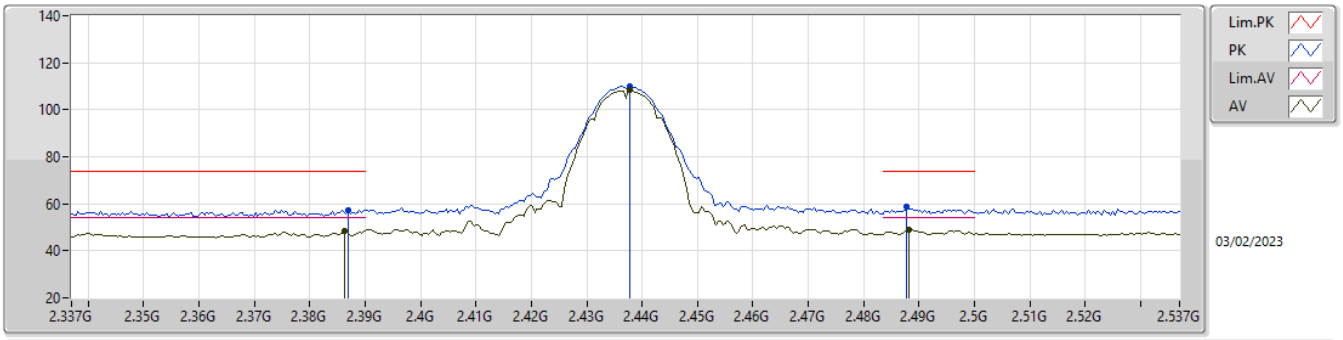
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.82404G	38.17	54.00	-15.83	3.37	3	Horizontal	332	1.14	34.80	32.34	5.68	34.65
PK	4.82385G	47.70	74.00	-26.30	3.37	3	Horizontal	332	1.14	44.33	32.34	5.68	34.65

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

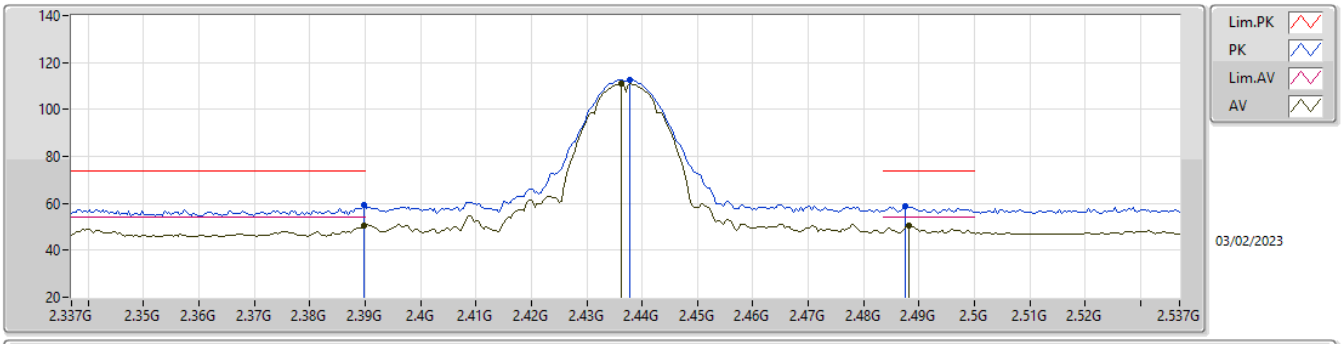
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3862G	48.33	54.00	-5.67	31.53	3	Vertical	0	2.72	16.80	27.37	4.16	-
AV	2.4378G	108.22	Inf	-Inf	31.74	3	Vertical	0	2.72	76.48	27.55	4.19	-
AV	2.4882G	49.22	54.00	-4.78	31.90	3	Vertical	0	2.72	17.32	27.68	4.22	-
PK	2.387G	57.34	74.00	-16.66	31.53	3	Vertical	0	2.72	25.81	27.37	4.16	-
PK	2.4378G	109.99	Inf	-Inf	31.74	3	Vertical	0	2.72	78.25	27.55	4.19	-
PK	2.4878G	58.57	74.00	-15.43	31.90	3	Vertical	0	2.72	26.67	27.68	4.22	-

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

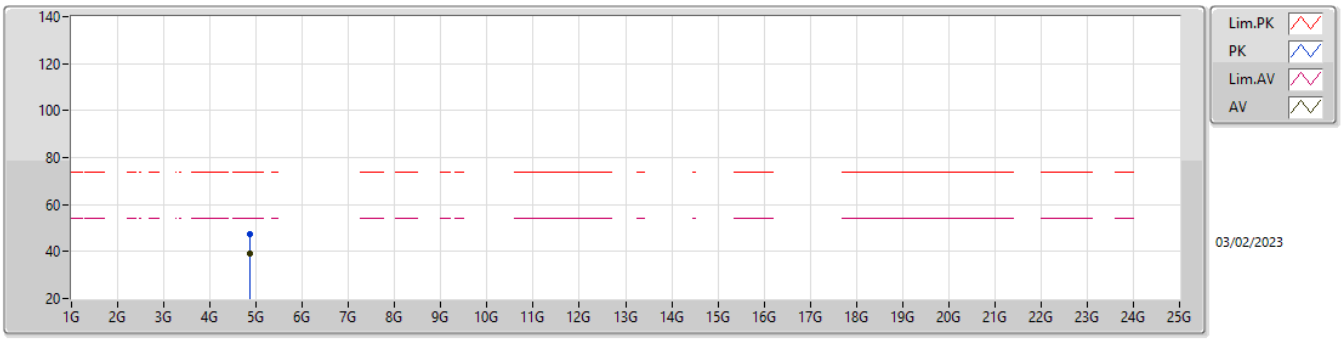
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	50.43	54.00	-3.57	31.54	3	Horizontal	303	2.70	18.89	27.38	4.16	-
AV	2.4362G	110.83	Inf	-Inf	31.73	3	Horizontal	303	2.70	79.10	27.54	4.19	-
AV	2.4882G	50.56	54.00	-3.44	31.90	3	Horizontal	303	2.70	18.66	27.68	4.22	-
PK	2.3898G	59.16	74.00	-14.84	31.54	3	Horizontal	303	2.70	27.62	27.38	4.16	-
PK	2.4378G	112.76	Inf	-Inf	31.74	3	Horizontal	303	2.70	81.02	27.55	4.19	-
PK	2.4874G	58.68	74.00	-15.32	31.89	3	Horizontal	303	2.70	26.79	27.67	4.22	-

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

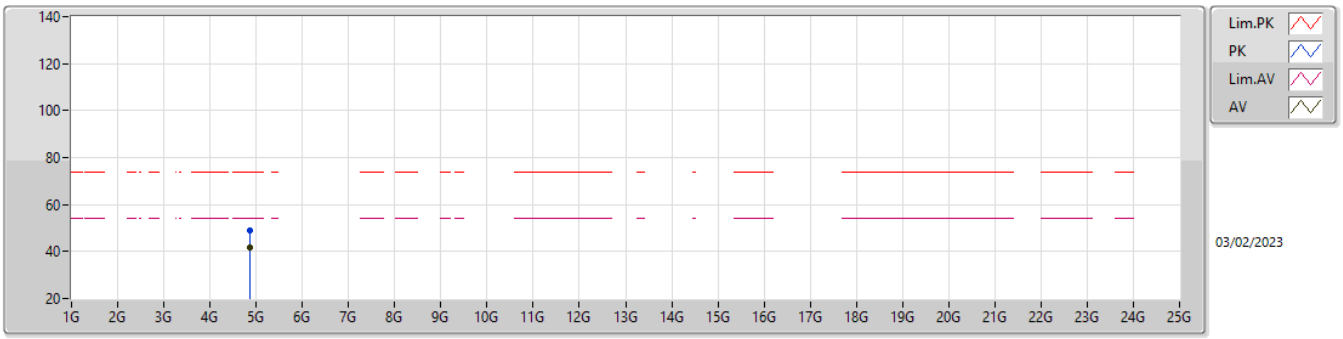
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.87405G	39.26	54.00	-14.74	3.66	3	Vertical	182	1.50	35.60	32.60	5.71	34.65
PK	4.87383G	47.38	74.00	-26.62	3.66	3	Vertical	182	1.50	43.72	32.60	5.71	34.65

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

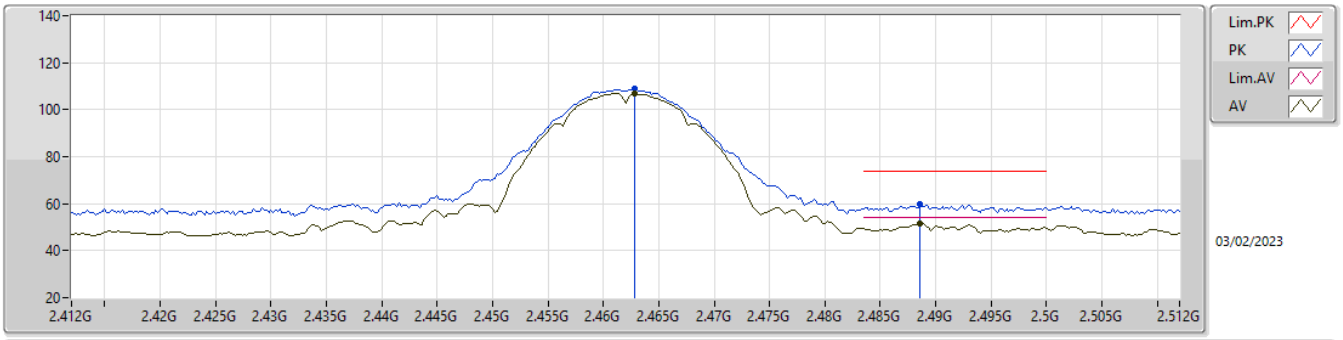
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	41.77	54.00	-12.23	3.66	3	Horizontal	313	2.13	38.11	32.60	5.71	34.65
PK	4.87405G	49.06	74.00	-24.94	3.66	3	Horizontal	313	2.13	45.40	32.60	5.71	34.65

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

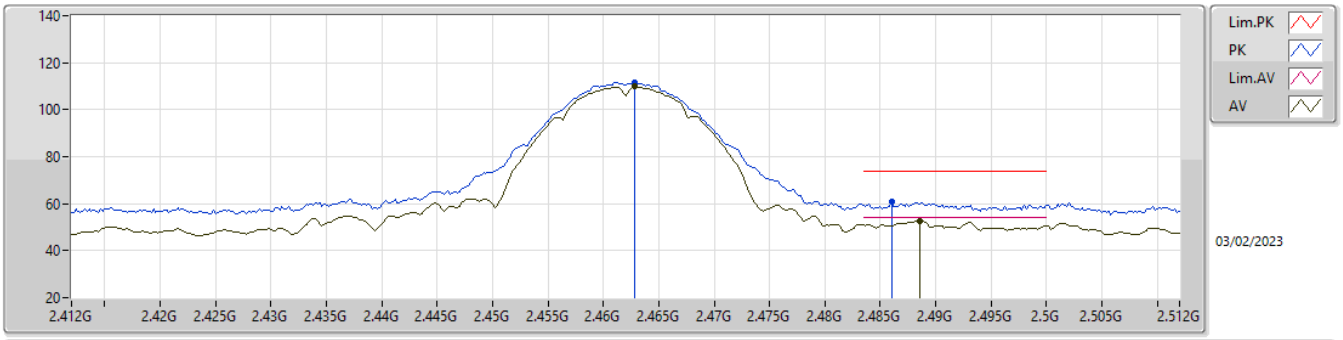
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4628G	106.94	Inf	-Inf	31.84	3	Vertical	360	3.00	75.10	27.63	4.21	-
AV	2.4886G	51.74	54.00	-2.26	31.90	3	Vertical	360	3.00	19.84	27.68	4.22	-
PK	2.4628G	108.76	Inf	-Inf	31.84	3	Vertical	360	3.00	76.92	27.63	4.21	-
PK	2.4886G	59.58	74.00	-14.42	31.90	3	Vertical	360	3.00	27.68	27.68	4.22	-

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

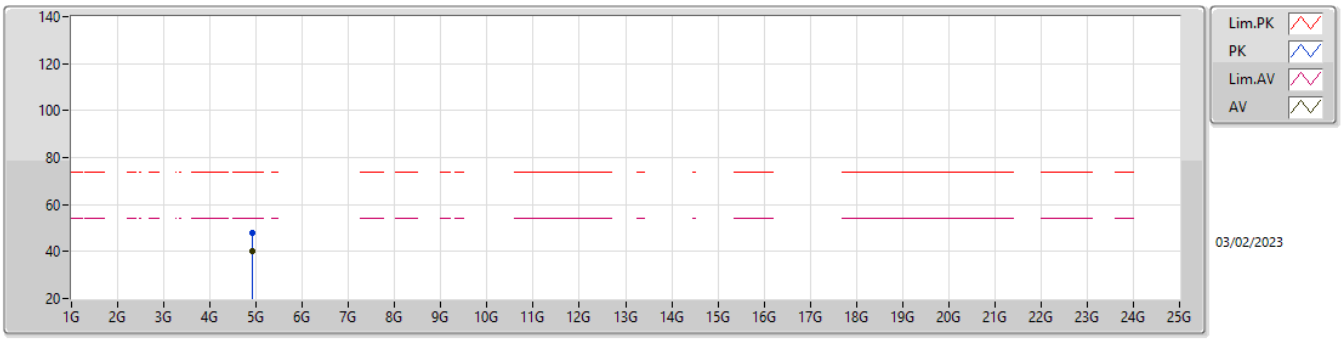
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4628G	109.82	Inf	-Inf	31.84	3	Horizontal	305	2.38	77.98	27.63	4.21	-
AV	2.4886G	52.81	54.00	-1.19	31.90	3	Horizontal	305	2.38	20.91	27.68	4.22	-
PK	2.4628G	111.60	Inf	-Inf	31.84	3	Horizontal	305	2.38	79.76	27.63	4.21	-
PK	2.486G	60.79	74.00	-13.21	31.89	3	Horizontal	305	2.38	28.90	27.67	4.22	-

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

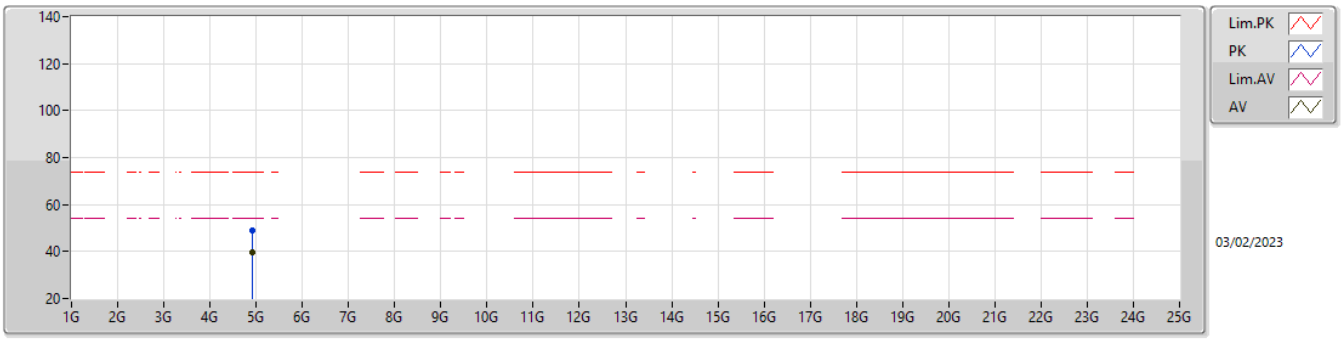
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.92401G	39.92	54.00	-14.08	3.93	3	Vertical	186	1.60	35.99	32.84	5.74	34.65
PK	4.92417G	48.03	74.00	-25.97	3.94	3	Vertical	186	1.60	44.09	32.85	5.74	34.65

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

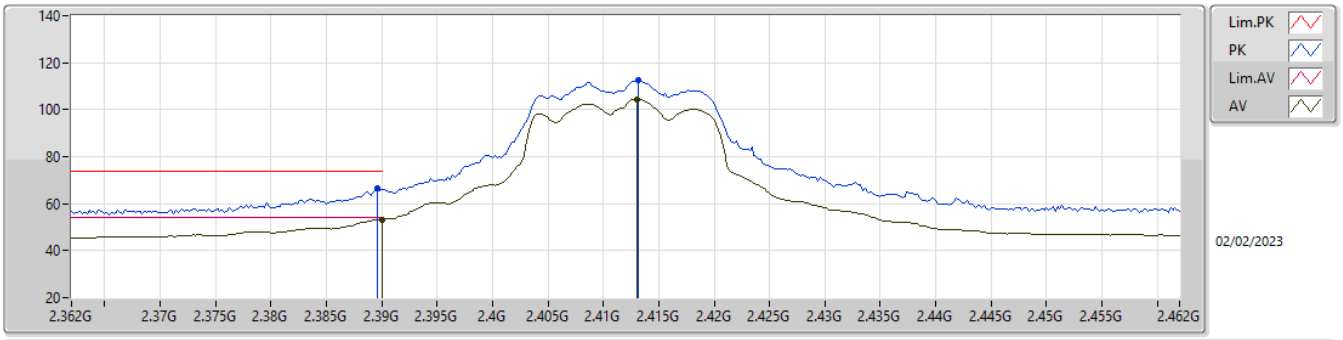
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.92391G	39.54	54.00	-14.46	3.93	3	Horizontal	35	2.07	35.61	32.84	5.74	34.65
PK	4.92397G	49.04	74.00	-24.96	3.93	3	Horizontal	35	2.07	45.11	32.84	5.74	34.65

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

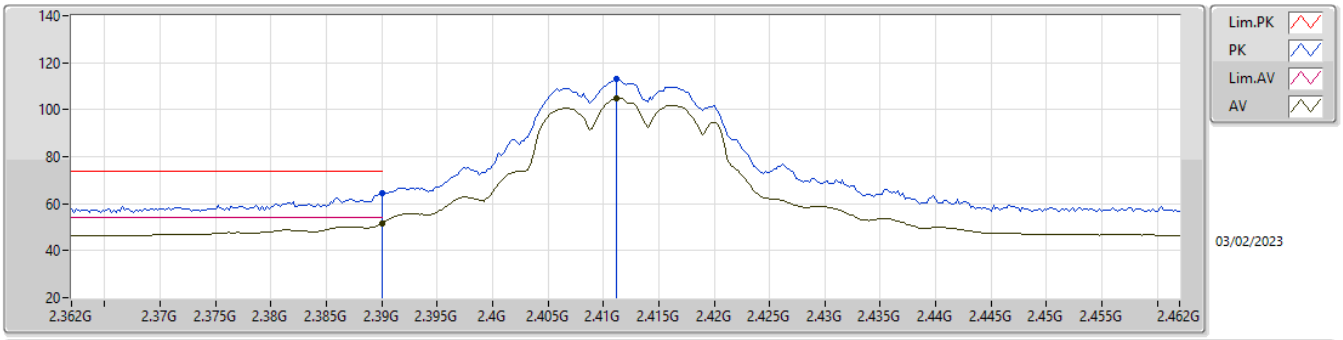
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.33	54.00	-0.67	31.54	3	Vertical	325	1.77	21.79	27.38	4.16	-
AV	2.413G	104.41	Inf	-Inf	31.63	3	Vertical	325	1.77	72.78	27.45	4.18	-
PK	2.3896G	66.38	74.00	-7.62	31.54	3	Vertical	325	1.77	34.84	27.38	4.16	-
PK	2.4132G	112.40	Inf	-Inf	31.63	3	Vertical	325	1.77	80.77	27.45	4.18	-

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

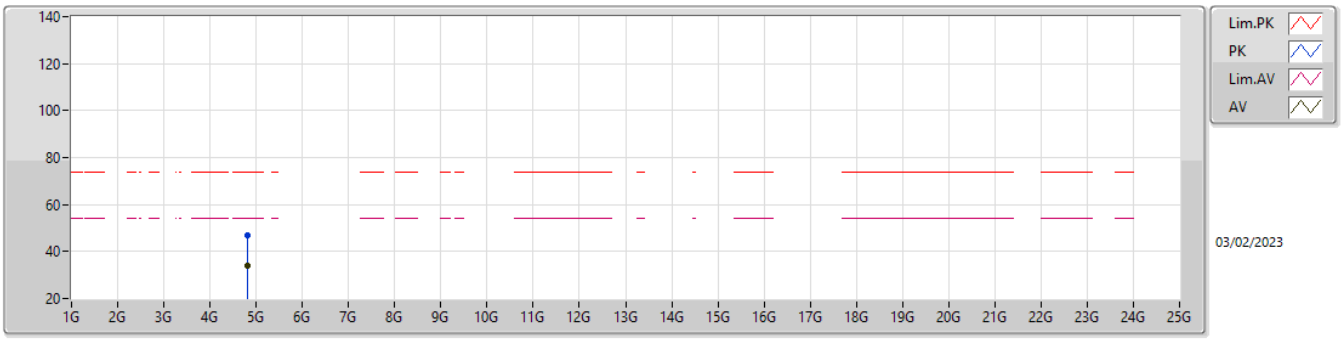
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.41	54.00	-2.59	31.54	3	Horizontal	46.9	2.95	19.87	27.38	4.16	-
AV	2.4112G	104.93	Inf	-Inf	31.62	3	Horizontal	46.9	2.95	73.31	27.44	4.18	-
PK	2.39G	64.69	74.00	-9.31	31.54	3	Horizontal	46.9	2.95	33.15	27.38	4.16	-
PK	2.4112G	112.93	Inf	-Inf	31.62	3	Horizontal	46.9	2.95	81.31	27.44	4.18	-

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

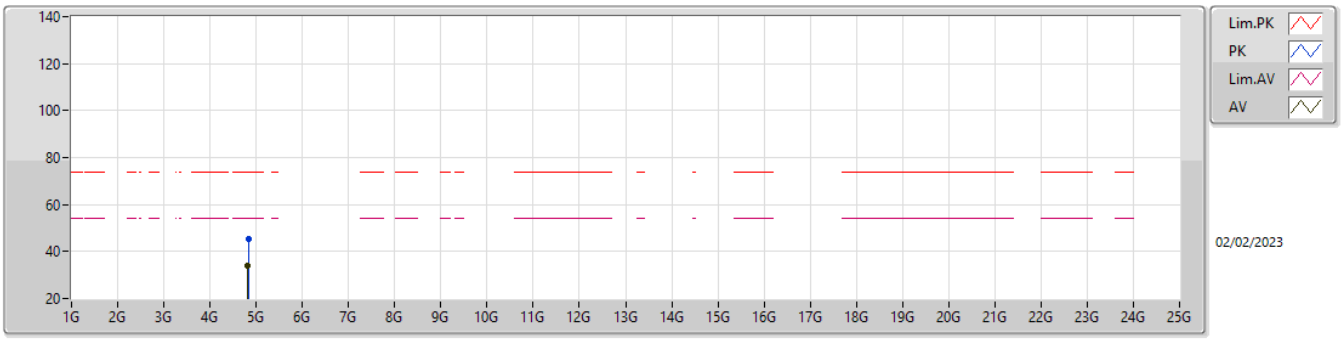
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.82384G	33.95	54.00	-20.05	3.37	3	Vertical	244	1.90	30.58	32.34	5.68	34.65
PK	4.82285G	46.77	74.00	-27.23	3.37	3	Vertical	244	1.90	43.40	32.34	5.68	34.65

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

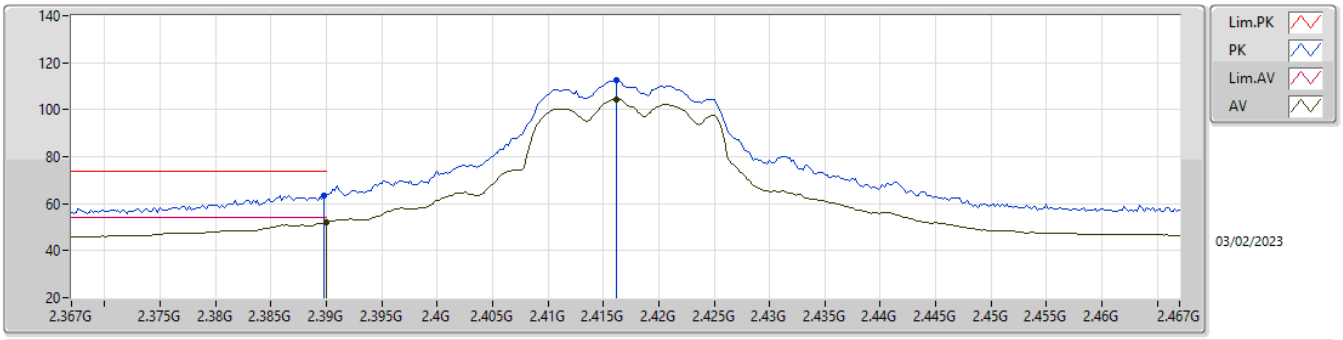
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.82428G	33.94	54.00	-20.06	3.38	3	Horizontal	26	1.26	30.56	32.35	5.68	34.65
PK	4.82518G	45.44	74.00	-28.56	3.39	3	Horizontal	26	1.26	42.05	32.35	5.69	34.65

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

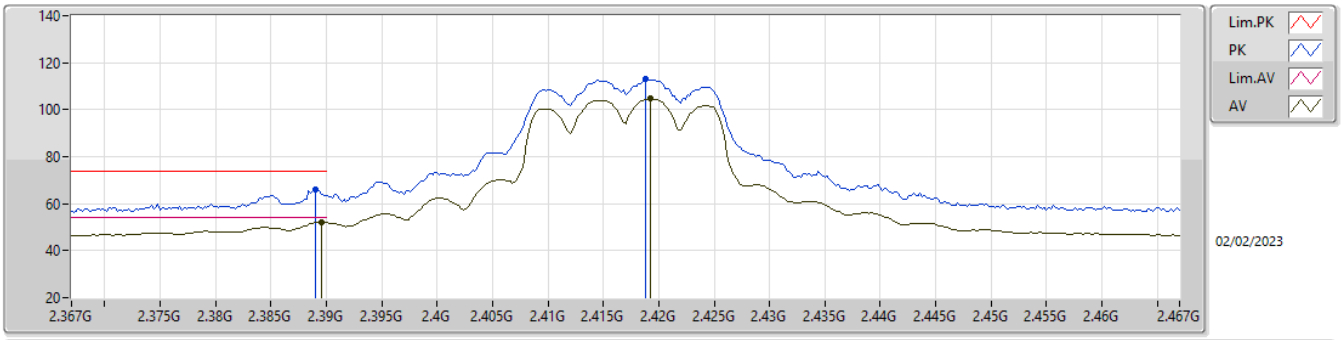
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.83	54.00	-2.17	31.54	3	Vertical	344	1.98	20.29	27.38	4.16	-
AV	2.4162G	104.55	Inf	-Inf	31.64	3	Vertical	344	1.98	72.91	27.46	4.18	-
PK	2.3898G	63.69	74.00	-10.31	31.54	3	Vertical	344	1.98	32.15	27.38	4.16	-
PK	2.4162G	112.34	Inf	-Inf	31.64	3	Vertical	344	1.98	80.70	27.46	4.18	-

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

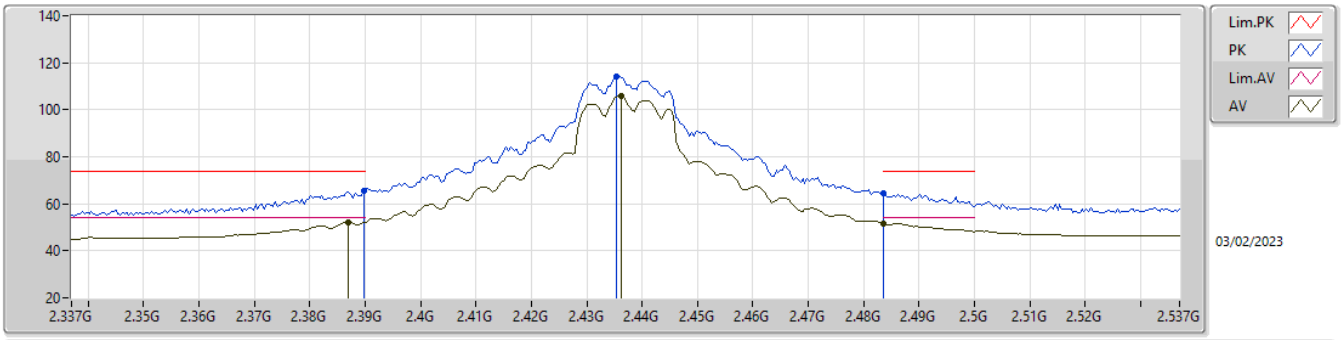
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	52.15	54.00	-1.85	31.54	3	Horizontal	35	1.82	20.61	27.38	4.16	-
AV	2.4192G	104.65	Inf	-Inf	31.66	3	Horizontal	35	1.82	72.99	27.48	4.18	-
PK	2.389G	65.90	74.00	-8.10	31.54	3	Horizontal	35	1.82	34.36	27.38	4.16	-
PK	2.4188G	113.08	Inf	-Inf	31.66	3	Horizontal	35	1.82	81.42	27.48	4.18	-

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

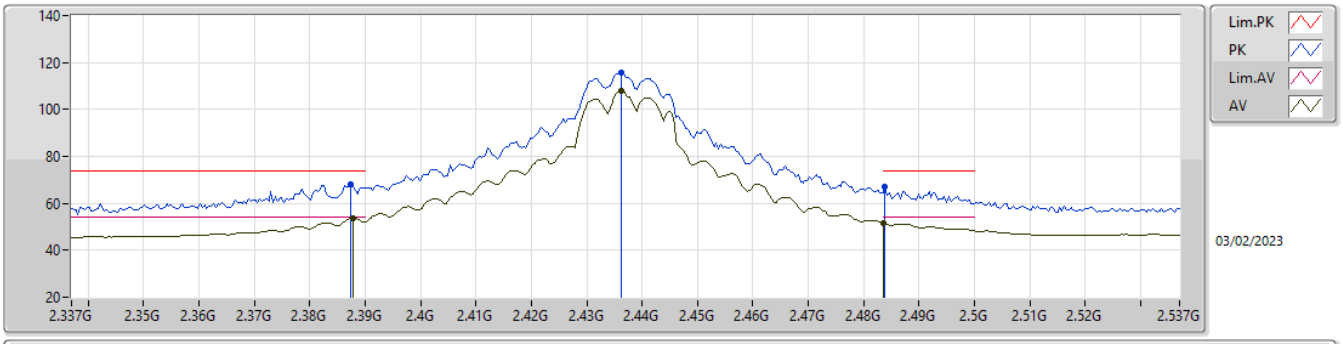
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.387G	52.05	54.00	-1.95	31.53	3	Vertical	341	1.98	20.52	27.37	4.16	-
AV	2.4362G	106.06	Inf	-Inf	31.73	3	Vertical	341	1.98	74.33	27.54	4.19	-
AV	2.4835G	51.72	54.00	-2.28	31.89	3	Vertical	341	1.98	19.83	27.67	4.22	-
PK	2.3898G	65.45	74.00	-8.55	31.54	3	Vertical	341	1.98	33.91	27.38	4.16	-
PK	2.4354G	114.07	Inf	-Inf	31.73	3	Vertical	341	1.98	82.34	27.54	4.19	-
PK	2.4835G	64.58	74.00	-9.42	31.89	3	Vertical	341	1.98	32.69	27.67	4.22	-

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

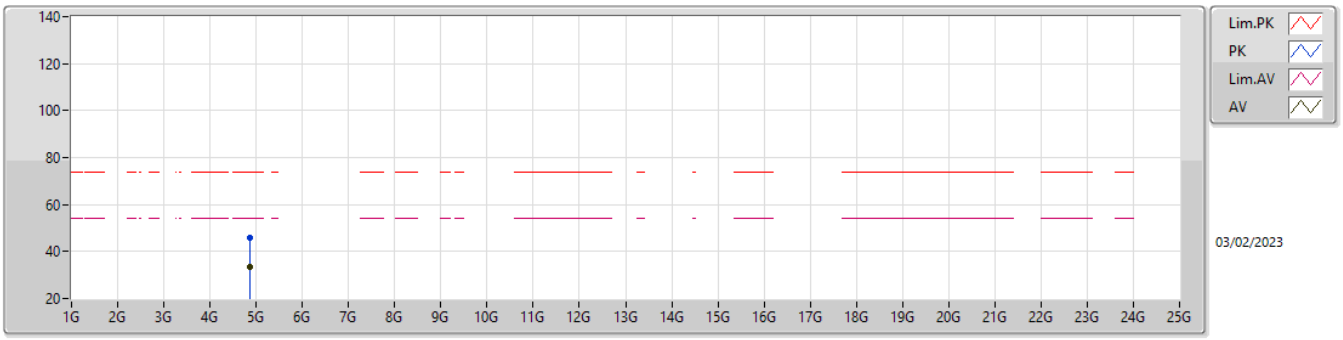
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3878G	53.63	54.00	-0.37	31.54	3	Horizontal	303	2.78	22.09	27.38	4.16	-
AV	2.4362G	108.03	Inf	-Inf	31.73	3	Horizontal	303	2.78	76.30	27.54	4.19	-
AV	2.4835G	51.61	54.00	-2.39	31.89	3	Horizontal	303	2.78	19.72	27.67	4.22	-
PK	2.3874G	68.33	74.00	-5.67	31.53	3	Horizontal	303	2.78	36.80	27.37	4.16	-
PK	2.4362G	115.78	Inf	-Inf	31.73	3	Horizontal	303	2.78	84.05	27.54	4.19	-
PK	2.4838G	66.93	74.00	-7.07	31.89	3	Horizontal	303	2.78	35.04	27.67	4.22	-

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

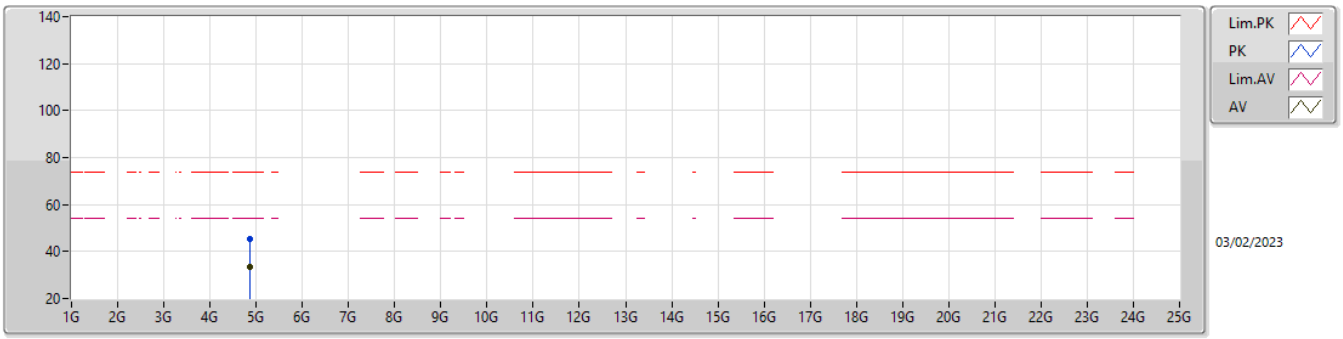
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.8726G	33.46	54.00	-20.54	3.65	3	Vertical	100	2.55	29.81	32.59	5.71	34.65
PK	4.87508G	45.63	74.00	-28.37	3.67	3	Vertical	100	2.55	41.96	32.60	5.72	34.65

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

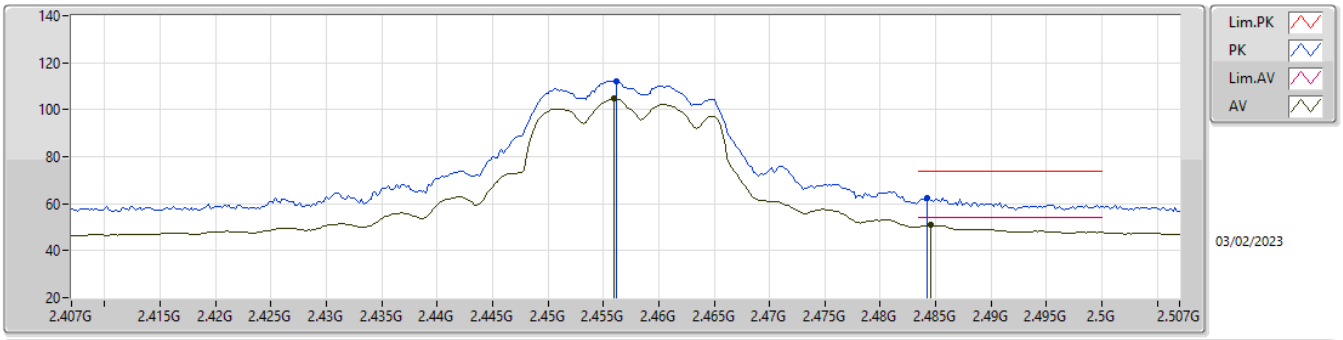
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.87261G	33.50	54.00	-20.50	3.65	3	Horizontal	162	2.19	29.85	32.59	5.71	34.65
PK	4.87302G	45.50	74.00	-28.50	3.65	3	Horizontal	162	2.19	41.85	32.59	5.71	34.65

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

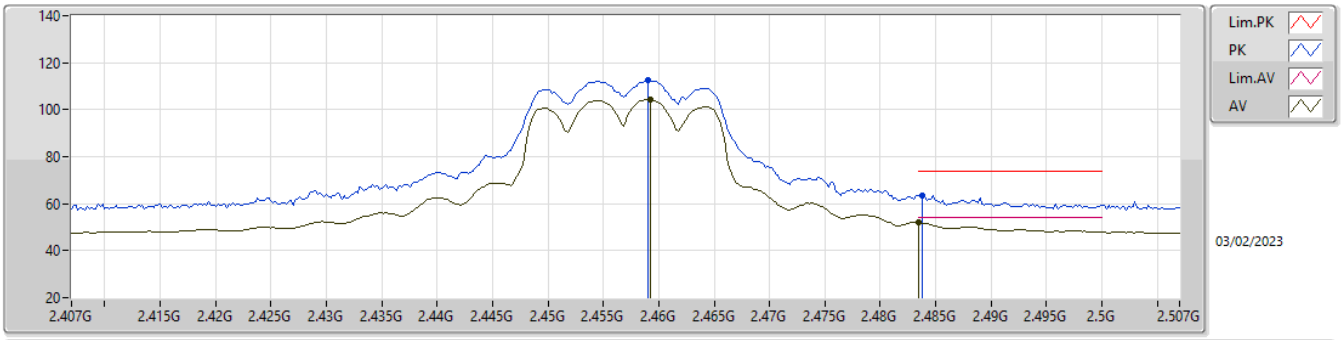
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.456G	104.58	Inf	-Inf	31.81	3	Vertical	344	1.93	72.77	27.61	4.20	-
AV	2.4846G	50.81	54.00	-3.19	31.89	3	Vertical	344	1.93	18.92	27.67	4.22	-
PK	2.4562G	112.31	Inf	-Inf	31.81	3	Vertical	344	1.93	80.50	27.61	4.20	-
PK	2.4842G	62.31	74.00	-11.69	31.89	3	Vertical	344	1.93	30.42	27.67	4.22	-

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

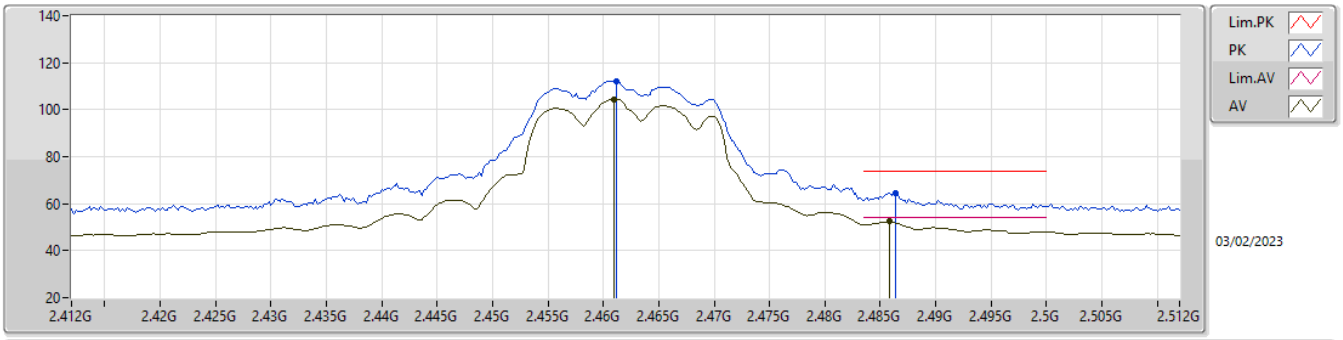
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4592G	104.11	Inf	-Inf	31.83	3	Horizontal	38	2.01	72.28	27.62	4.21	-
AV	2.4835G	52.00	54.00	-2.00	31.89	3	Horizontal	38	2.01	20.11	27.67	4.22	-
PK	2.459G	112.82	Inf	-Inf	31.83	3	Horizontal	38	2.01	80.99	27.62	4.21	-
PK	2.4838G	63.61	74.00	-10.39	31.89	3	Horizontal	38	2.01	31.72	27.67	4.22	-

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

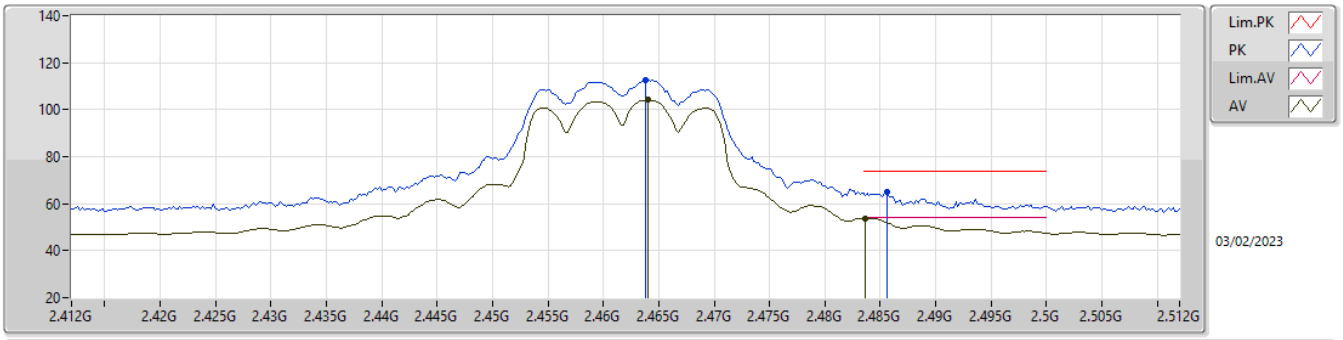
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.461G	104.32	Inf	-Inf	31.83	3	Vertical	343	1.94	72.49	27.62	4.21	-
AV	2.4858G	52.33	54.00	-1.67	31.89	3	Vertical	343	1.94	20.44	27.67	4.22	-
PK	2.4612G	112.05	Inf	-Inf	31.83	3	Vertical	343	1.94	80.22	27.62	4.21	-
PK	2.4864G	64.69	74.00	-9.31	31.89	3	Vertical	343	1.94	32.80	27.67	4.22	-

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

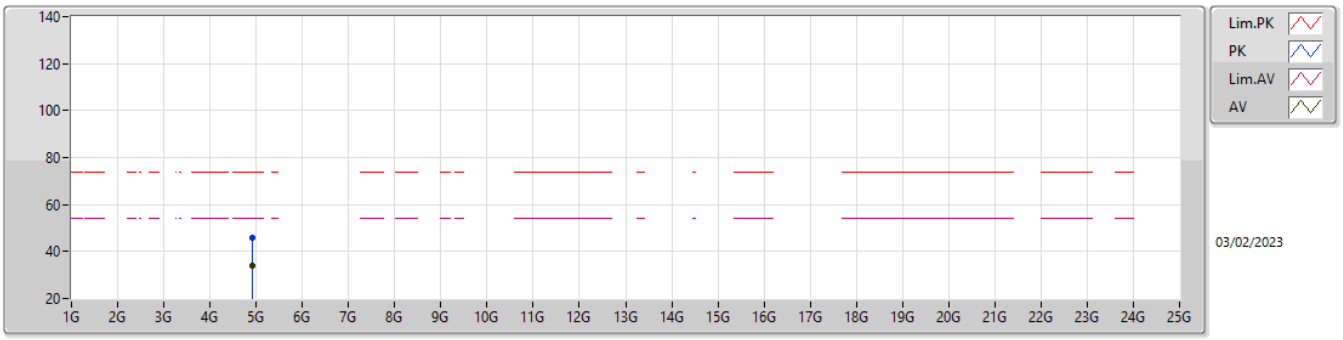
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.464G	104.06	Inf	-Inf	31.84	3	Horizontal	37	2.01	72.22	27.63	4.21	-
AV	2.4836G	53.84	54.00	-0.16	31.89	3	Horizontal	37	2.01	21.95	27.67	4.22	-
PK	2.4638G	112.81	Inf	-Inf	31.84	3	Horizontal	37	2.01	80.97	27.63	4.21	-
PK	2.4856G	64.81	74.00	-9.19	31.89	3	Horizontal	37	2.01	32.92	27.67	4.22	-

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

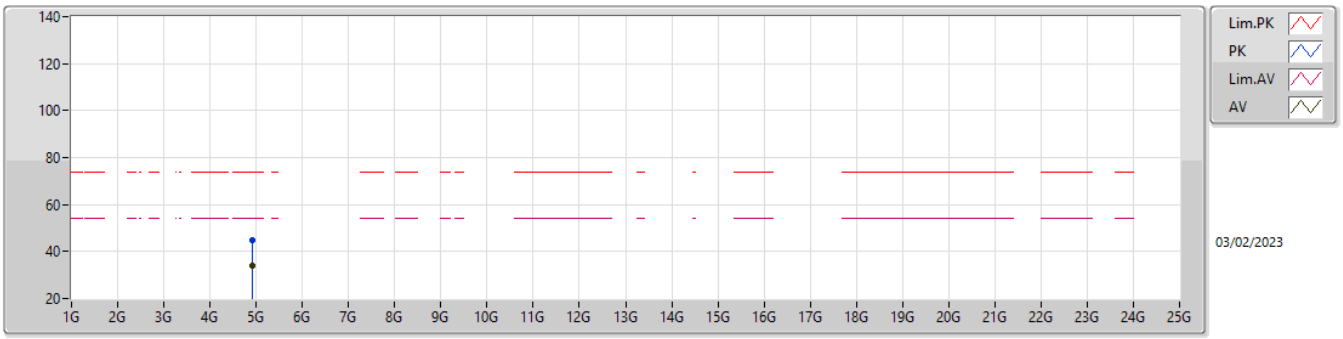
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.92276G	33.95	54.00	-20.05	3.93	3	Vertical	43	1.82	30.02	32.84	5.74	34.65
PK	4.9253G	45.96	74.00	-28.04	3.95	3	Vertical	43	1.82	42.01	32.85	5.75	34.65

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

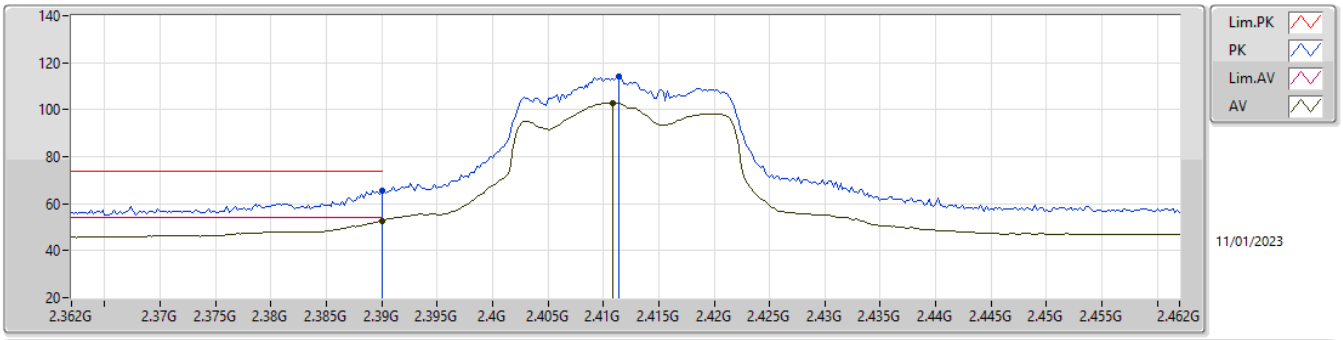
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.92258G	33.94	54.00	-20.06	3.93	3	Horizontal	259	2.52	30.01	32.84	5.74	34.65
PK	4.92292G	45.02	74.00	-28.98	3.93	3	Horizontal	259	2.52	41.09	32.84	5.74	34.65

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

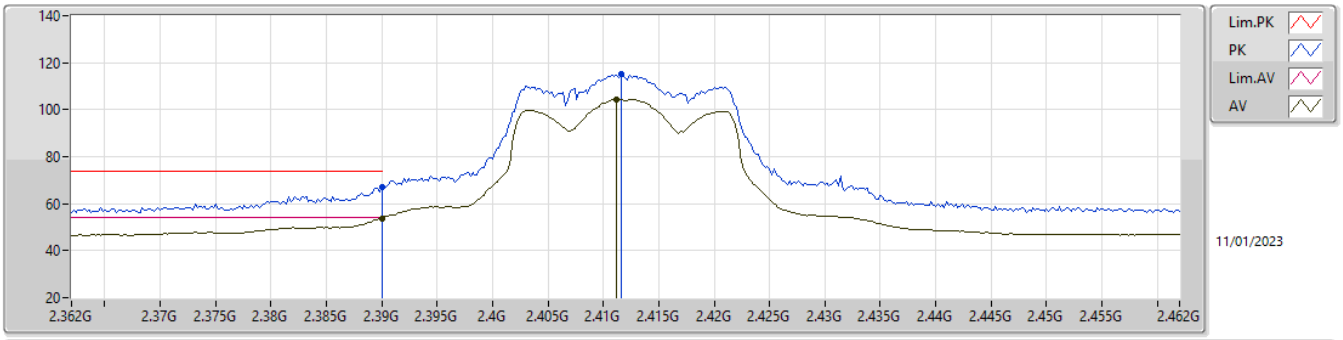
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.83	54.00	-1.17	31.54	3	Vertical	328	1.76	21.29	27.38	4.16	-
AV	2.4108G	102.87	Inf	-Inf	31.62	3	Vertical	328	1.76	71.25	27.44	4.18	-
PK	2.39G	65.64	74.00	-8.36	31.54	3	Vertical	328	1.76	34.10	27.38	4.16	-
PK	2.4114G	114.16	Inf	-Inf	31.63	3	Vertical	328	1.76	82.53	27.45	4.18	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

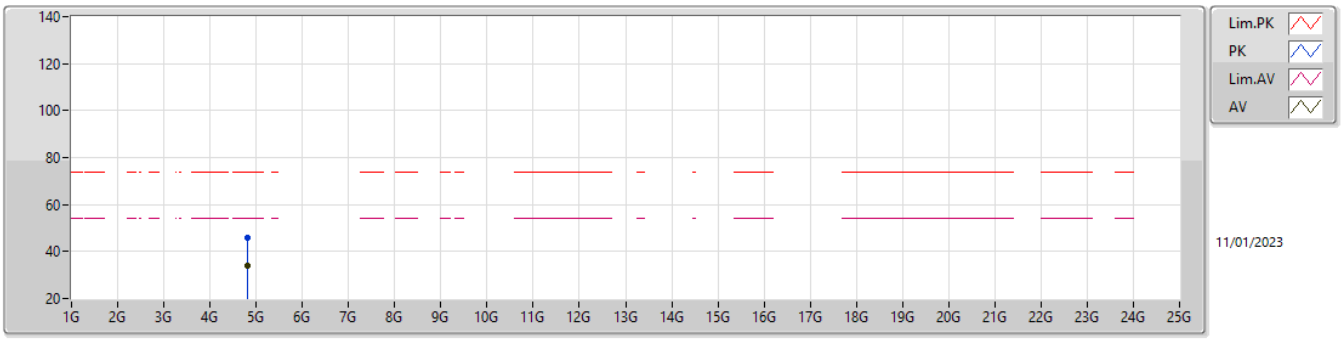
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.87	54.00	-0.13	31.54	3	Horizontal	303	2.53	22.33	27.38	4.16	-
AV	2.4112G	104.46	Inf	-Inf	31.62	3	Horizontal	303	2.53	72.84	27.44	4.18	-
PK	2.39G	66.82	74.00	-7.18	31.54	3	Horizontal	303	2.53	35.28	27.38	4.16	-
PK	2.4116G	115.15	Inf	-Inf	31.63	3	Horizontal	303	2.53	83.52	27.45	4.18	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

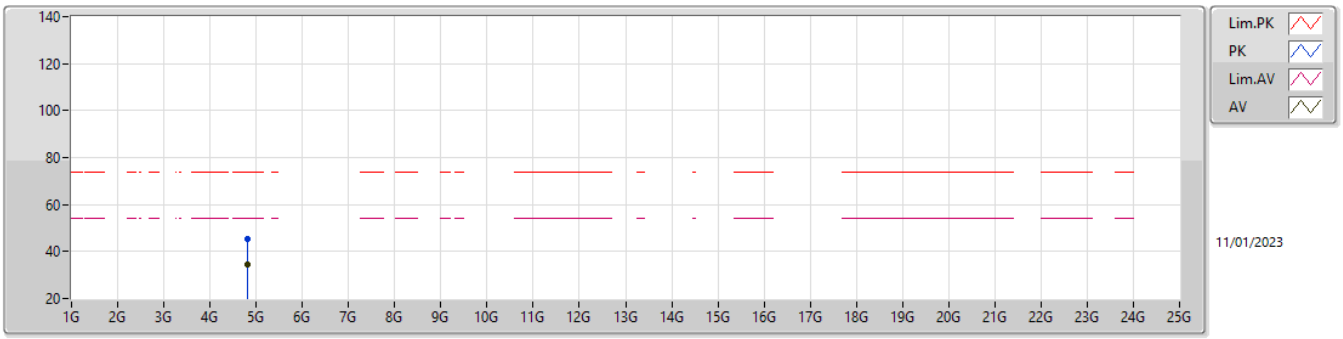
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.8237G	34.15	54.00	-19.85	3.37	3	Vertical	213	1.47	30.78	32.34	5.68	34.65
PK	4.82319G	46.06	74.00	-27.94	3.37	3	Vertical	213	1.47	42.69	32.34	5.68	34.65

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

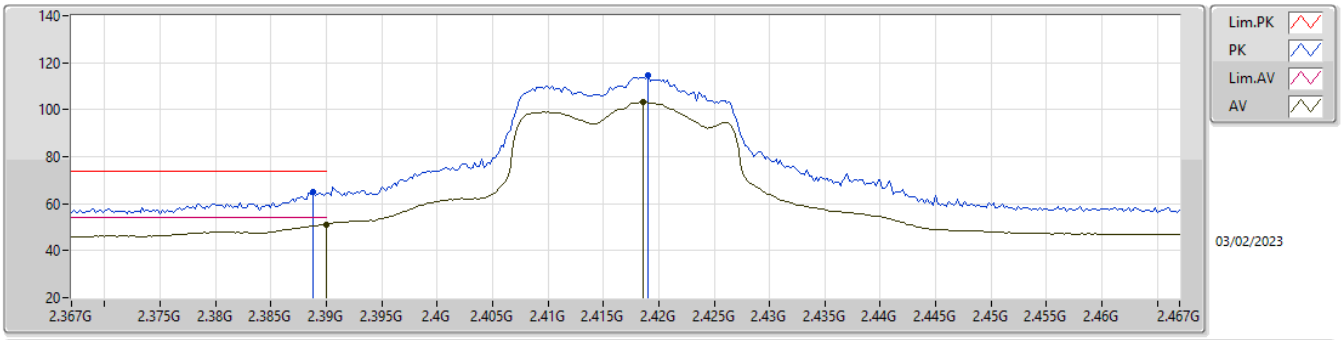
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.82314G	34.23	54.00	-19.77	3.37	3	Horizontal	145	2.48	30.86	32.34	5.68	34.65
PK	4.82359G	45.36	74.00	-28.64	3.37	3	Horizontal	145	2.48	41.99	32.34	5.68	34.65

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

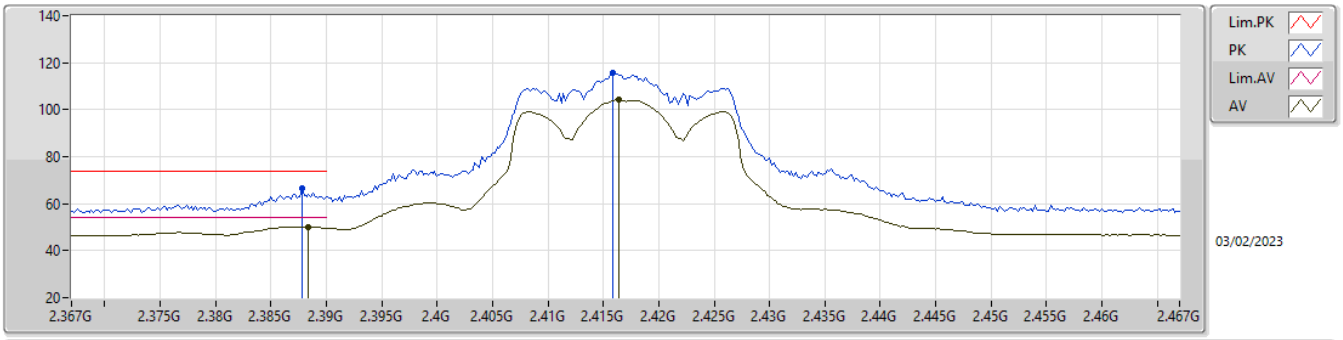
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.18	54.00	-2.82	31.54	3	Vertical	320	2.24	19.64	27.38	4.16	-
AV	2.4186G	103.13	Inf	-Inf	31.65	3	Vertical	320	2.24	71.48	27.47	4.18	-
PK	2.3888G	65.15	74.00	-8.85	31.54	3	Vertical	320	2.24	33.61	27.38	4.16	-
PK	2.419G	114.40	Inf	-Inf	31.66	3	Vertical	320	2.24	82.74	27.48	4.18	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

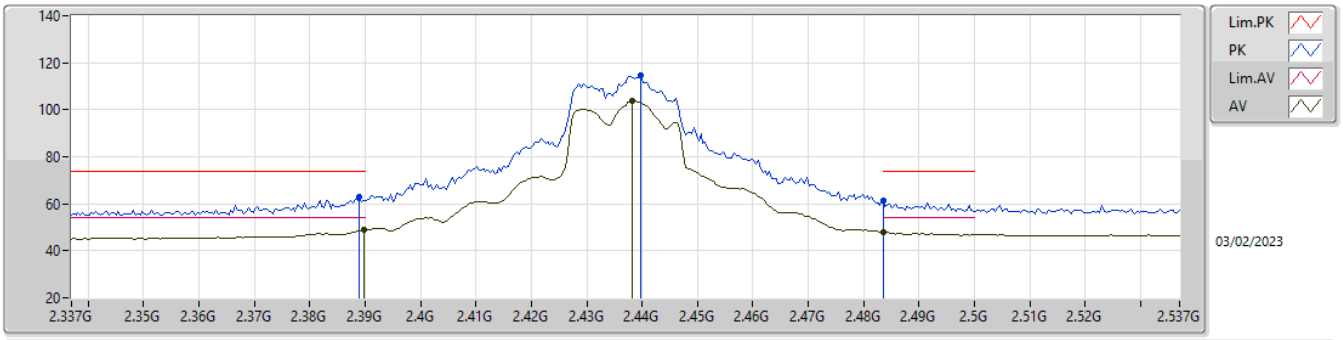
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3884G	50.19	54.00	-3.81	31.54	3	Horizontal	54	2.66	18.65	27.38	4.16	-
AV	2.4164G	104.20	Inf	-Inf	31.65	3	Horizontal	54	2.66	72.55	27.47	4.18	-
PK	2.3878G	66.37	74.00	-7.63	31.54	3	Horizontal	54	2.66	34.83	27.38	4.16	-
PK	2.4158G	115.92	Inf	-Inf	31.64	3	Horizontal	54	2.66	84.28	27.46	4.18	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

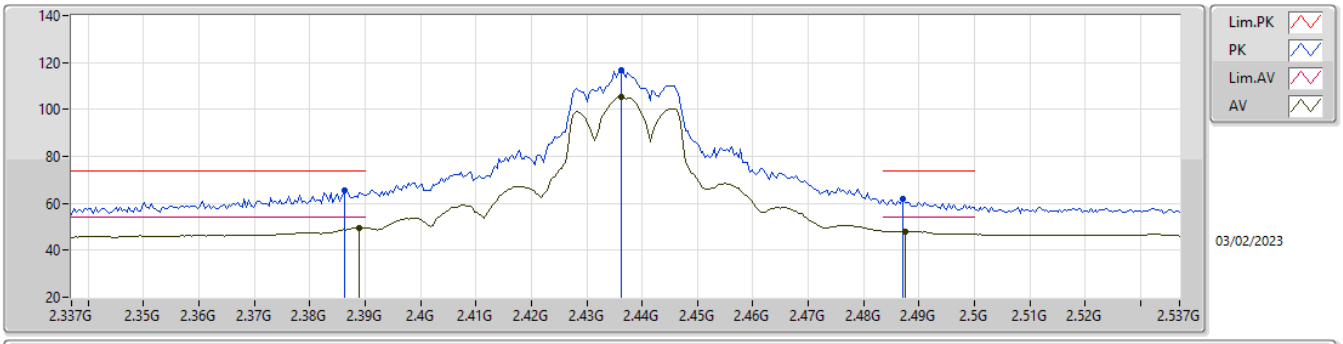
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	48.74	54.00	-5.26	31.54	3	Vertical	328	2.26	17.20	27.38	4.16	-
AV	2.4382G	103.67	Inf	-Inf	31.74	3	Vertical	328	2.26	71.93	27.55	4.19	-
AV	2.4835G	48.00	54.00	-6.00	31.89	3	Vertical	328	2.26	16.11	27.67	4.22	-
PK	2.389G	62.92	74.00	-11.08	31.54	3	Vertical	328	2.26	31.38	27.38	4.16	-
PK	2.4398G	114.58	Inf	-Inf	31.75	3	Vertical	328	2.26	82.83	27.56	4.19	-
PK	2.4835G	61.25	74.00	-12.75	31.89	3	Vertical	328	2.26	29.36	27.67	4.22	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

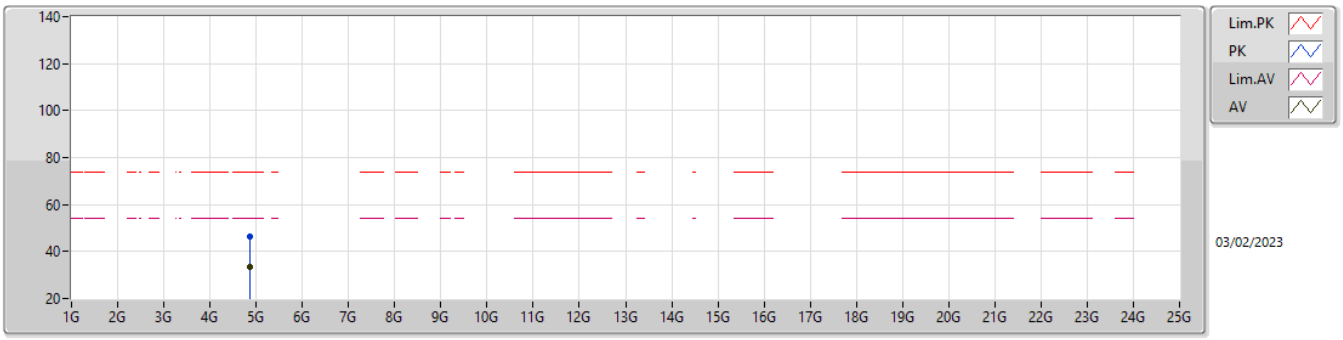
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	49.59	54.00	-4.41	31.54	3	Horizontal	40	2.34	18.05	27.38	4.16	-
AV	2.4362G	105.41	Inf	-Inf	31.73	3	Horizontal	40	2.34	73.68	27.54	4.19	-
AV	2.4874G	48.11	54.00	-5.89	31.89	3	Horizontal	40	2.34	16.22	27.67	4.22	-
PK	2.3862G	65.73	74.00	-8.27	31.53	3	Horizontal	40	2.34	34.20	27.37	4.16	-
PK	2.4362G	116.92	Inf	-Inf	31.73	3	Horizontal	40	2.34	85.19	27.54	4.19	-
PK	2.487G	61.69	74.00	-12.31	31.89	3	Horizontal	40	2.34	29.80	27.67	4.22	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

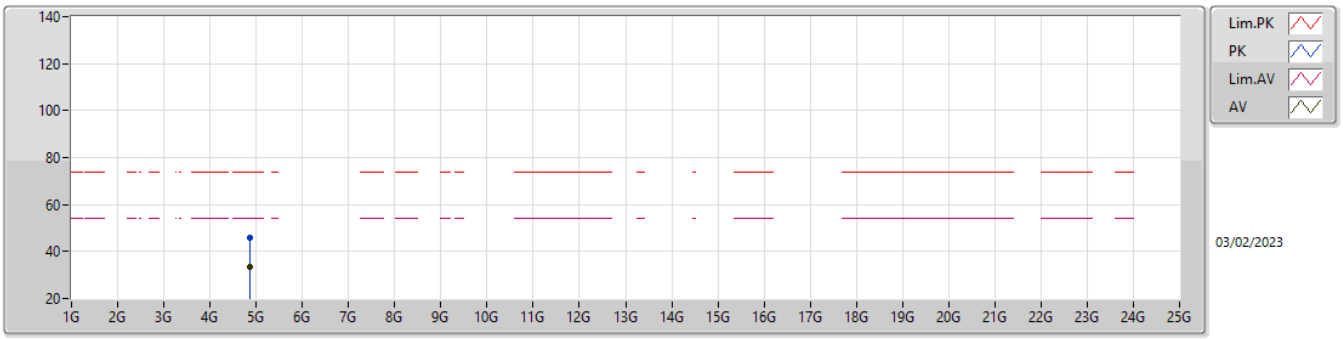
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.87351G	33.68	54.00	-20.32	3.65	3	Vertical	192	2.06	30.03	32.59	5.71	34.65
PK	4.87293G	46.33	74.00	-27.67	3.65	3	Vertical	192	2.06	42.68	32.59	5.71	34.65

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

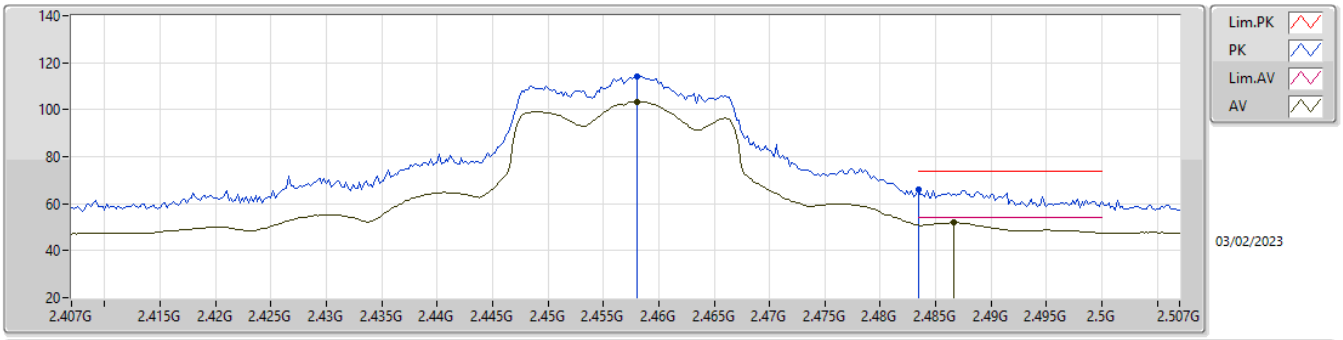
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.87392G	33.67	54.00	-20.33	3.66	3	Horizontal	5	2.36	30.01	32.60	5.71	34.65
PK	4.87506G	46.04	74.00	-27.96	3.67	3	Horizontal	5	2.36	42.37	32.60	5.72	34.65

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

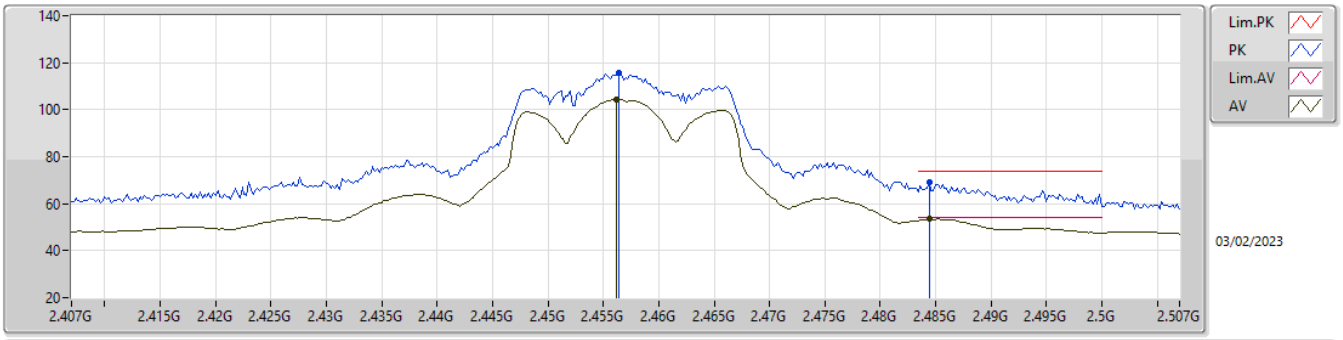
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.458G	103.51	Inf	-Inf	31.82	3	Vertical	320	1.95	71.69	27.62	4.20	-
AV	2.4866G	51.99	54.00	-2.01	31.89	3	Vertical	320	1.95	20.10	27.67	4.22	-
PK	2.458G	114.32	Inf	-Inf	31.82	3	Vertical	320	1.95	82.50	27.62	4.20	-
PK	2.4835G	65.85	74.00	-8.15	31.89	3	Vertical	320	1.95	33.96	27.67	4.22	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

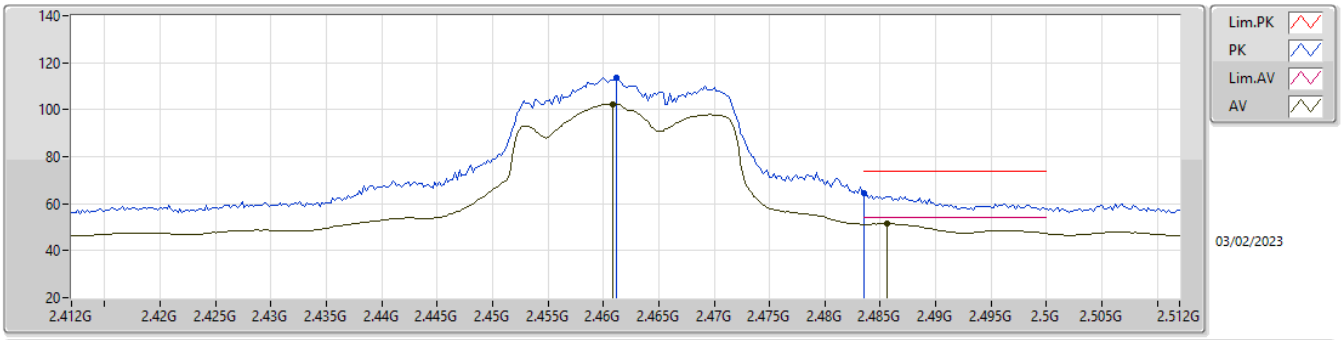
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4562G	104.47	Inf	-Inf	31.81	3	Horizontal	40	2.04	72.66	27.61	4.20	-
AV	2.4844G	53.44	54.00	-0.56	31.89	3	Horizontal	40	2.04	21.55	27.67	4.22	-
PK	2.4564G	115.58	Inf	-Inf	31.81	3	Horizontal	40	2.04	83.77	27.61	4.20	-
PK	2.4844G	69.05	74.00	-4.95	31.89	3	Horizontal	40	2.04	37.16	27.67	4.22	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

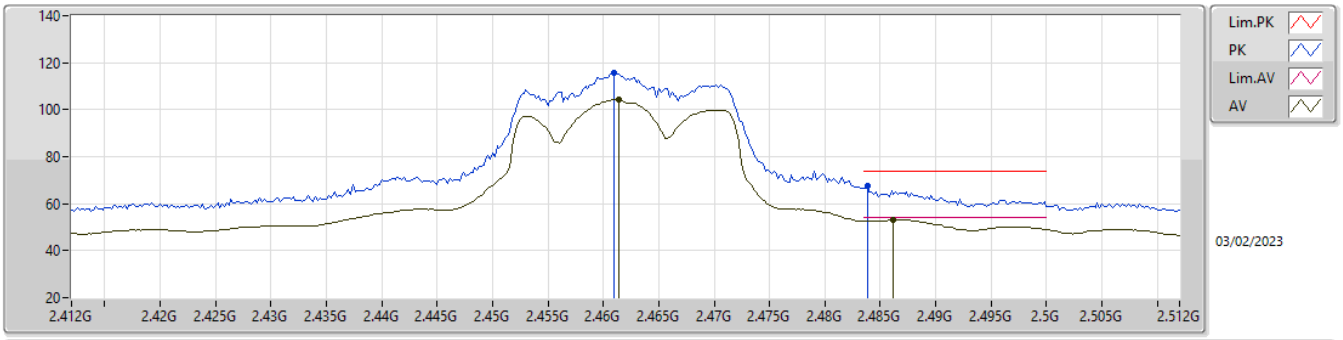
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4608G	102.30	Inf	-Inf	31.83	3	Vertical	357	2.22	70.47	27.62	4.21	-
AV	2.4856G	51.52	54.00	-2.48	31.89	3	Vertical	357	2.22	19.63	27.67	4.22	-
PK	2.4612G	113.83	Inf	-Inf	31.83	3	Vertical	357	2.22	82.00	27.62	4.21	-
PK	2.4835G	64.51	74.00	-9.49	31.89	3	Vertical	357	2.22	32.62	27.67	4.22	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

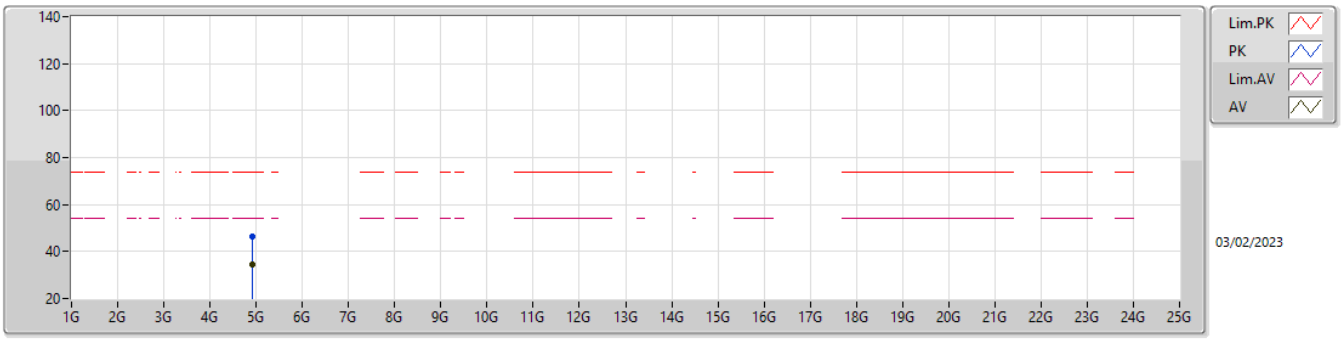
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4614G	104.27	Inf	-Inf	31.83	3	Horizontal	303	2.38	72.44	27.62	4.21	-
AV	2.4862G	53.09	54.00	-0.91	31.89	3	Horizontal	303	2.38	21.20	27.67	4.22	-
PK	2.461G	115.51	Inf	-Inf	31.83	3	Horizontal	303	2.38	83.68	27.62	4.21	-
PK	2.4838G	67.63	74.00	-6.37	31.89	3	Horizontal	303	2.38	35.74	27.67	4.22	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

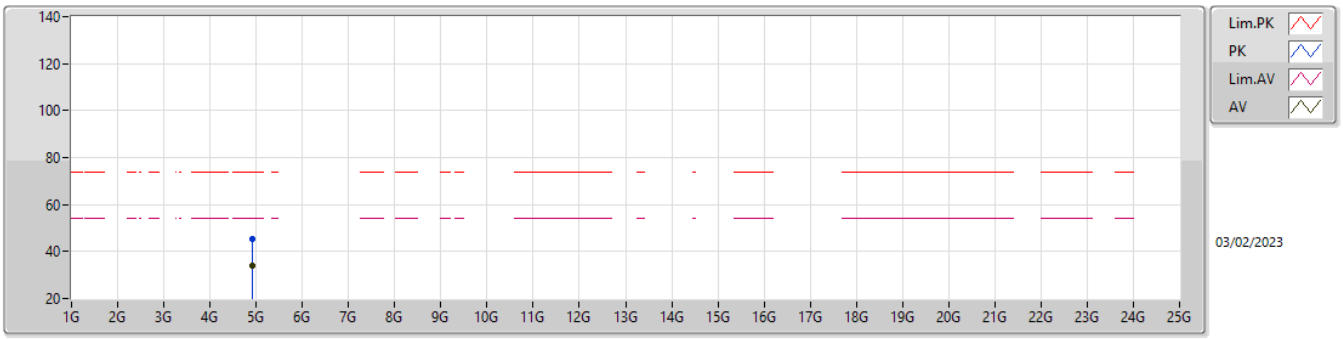
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.92315G	34.28	54.00	-19.72	3.93	3	Vertical	352	1.34	30.35	32.84	5.74	34.65
PK	4.92263G	46.46	74.00	-27.54	3.93	3	Vertical	352	1.34	42.53	32.84	5.74	34.65

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

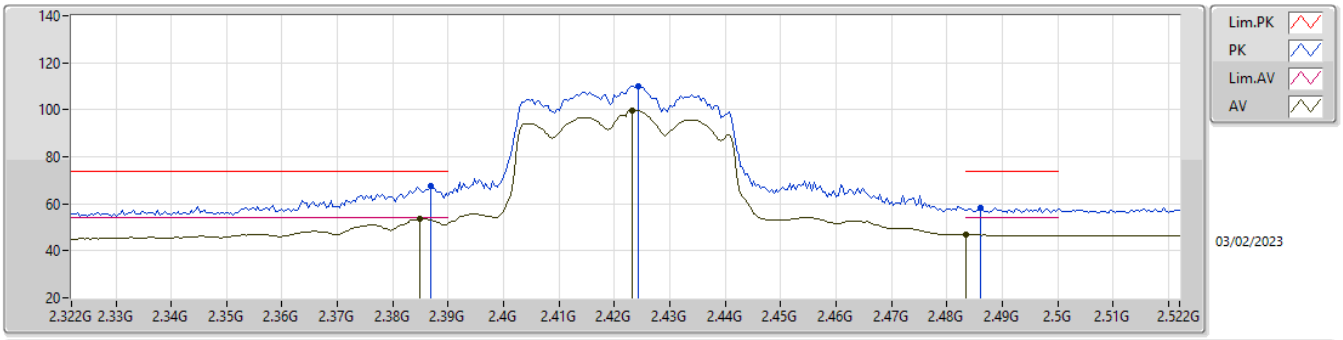
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.92321G	34.18	54.00	-19.82	3.93	3	Horizontal	154	1.69	30.25	32.84	5.74	34.65
PK	4.92404G	45.49	74.00	-28.51	3.93	3	Horizontal	154	1.69	41.56	32.84	5.74	34.65

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

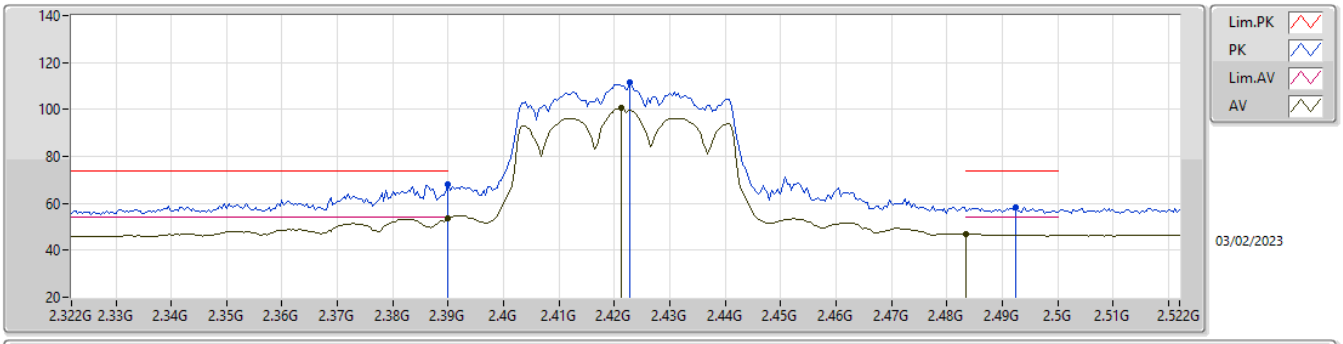
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3848G	53.83	54.00	-0.17	31.53	3	Vertical	323	2.26	22.30	27.37	4.16	-
AV	2.4232G	99.82	Inf	-Inf	31.67	3	Vertical	323	2.26	68.15	27.49	4.18	-
AV	2.4835G	47.05	54.00	-6.95	31.89	3	Vertical	323	2.26	15.16	27.67	4.22	-
PK	2.3868G	67.61	74.00	-6.39	31.53	3	Vertical	323	2.26	36.08	27.37	4.16	-
PK	2.4244G	110.19	Inf	-Inf	31.68	3	Vertical	323	2.26	78.51	27.50	4.18	-
PK	2.486G	58.05	74.00	-15.95	31.89	3	Vertical	323	2.26	26.16	27.67	4.22	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

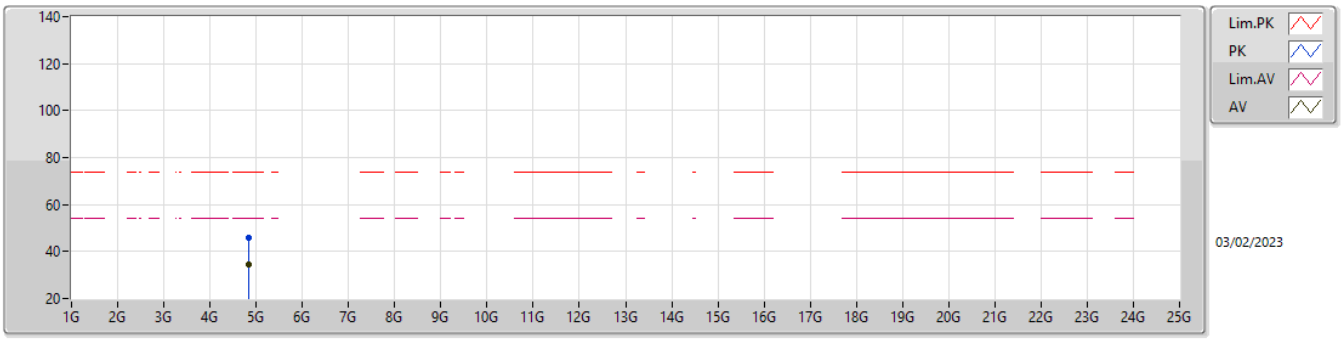
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.78	54.00	-0.22	31.54	3	Horizontal	32	1.80	22.24	27.38	4.16	-
AV	2.4212G	100.45	Inf	-Inf	31.66	3	Horizontal	32	1.80	68.79	27.48	4.18	-
AV	2.4835G	47.04	54.00	-6.96	31.89	3	Horizontal	32	1.80	15.15	27.67	4.22	-
PK	2.39G	67.85	74.00	-6.15	31.54	3	Horizontal	32	1.80	36.31	27.38	4.16	-
PK	2.4228G	111.60	Inf	-Inf	31.67	3	Horizontal	32	1.80	79.93	27.49	4.18	-
PK	2.4924G	58.16	74.00	-15.84	31.91	3	Horizontal	32	1.80	26.25	27.68	4.23	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

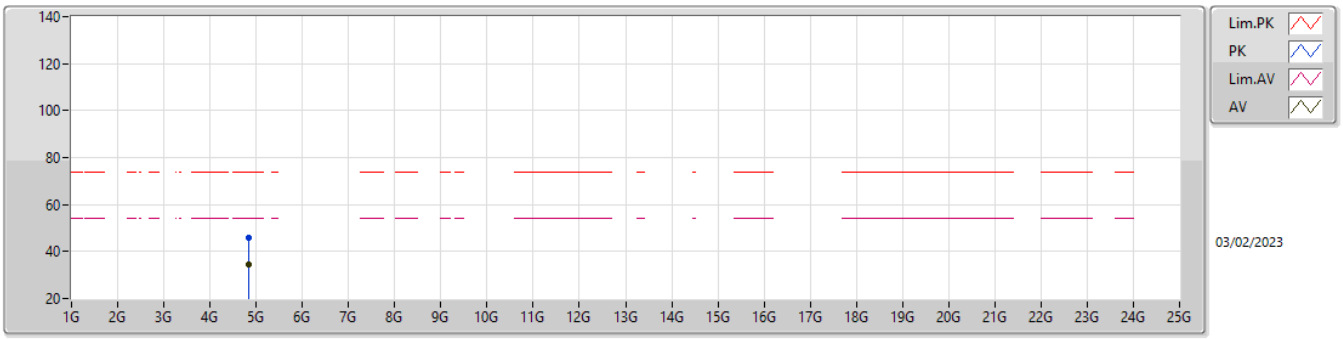
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.84424G	34.42	54.00	-19.58	3.52	3	Vertical	90	2.60	30.90	32.47	5.70	34.65
PK	4.84329G	46.03	74.00	-27.97	3.51	3	Vertical	90	2.60	42.52	32.46	5.70	34.65

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

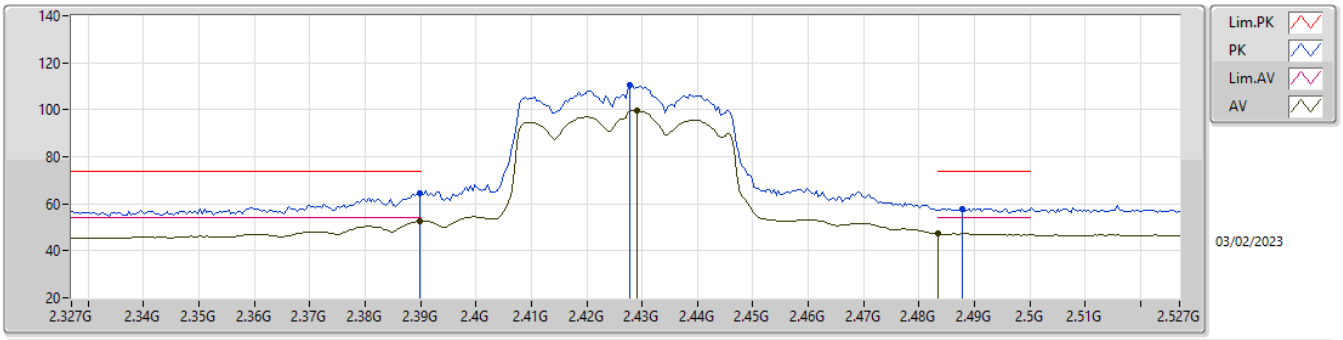
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.84269G	34.45	54.00	-19.55	3.51	3	Horizontal	183	2.71	30.94	32.46	5.70	34.65
PK	4.84521G	46.05	74.00	-27.95	3.52	3	Horizontal	183	2.71	42.53	32.47	5.70	34.65

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

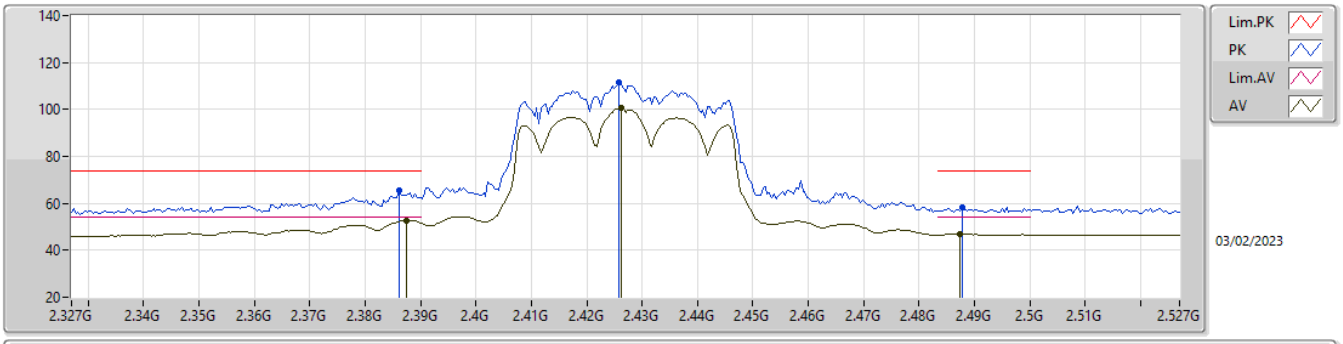
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	52.52	54.00	-1.48	31.54	3	Vertical	327	1.98	20.98	27.38	4.16	-
AV	2.429G	99.66	Inf	-Inf	31.71	3	Vertical	327	1.98	67.95	27.52	4.19	-
AV	2.4835G	47.43	54.00	-6.57	31.89	3	Vertical	327	1.98	15.54	27.67	4.22	-
PK	2.3898G	64.62	74.00	-9.38	31.54	3	Vertical	327	1.98	33.08	27.38	4.16	-
PK	2.4278G	110.47	Inf	-Inf	31.70	3	Vertical	327	1.98	78.77	27.51	4.19	-
PK	2.4878G	58.00	74.00	-16.00	31.90	3	Vertical	327	1.98	26.10	27.68	4.22	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

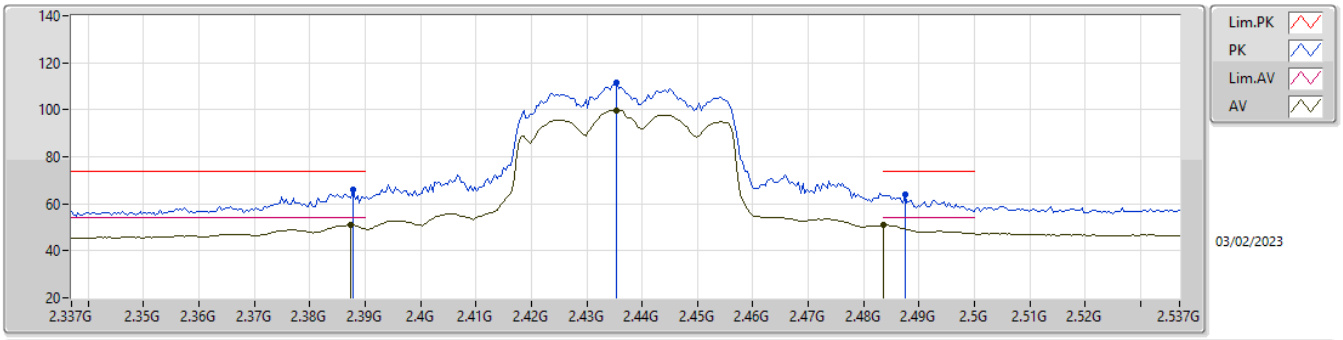
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3874G	52.76	54.00	-1.24	31.53	3	Horizontal	34	1.83	21.23	27.37	4.16	-
AV	2.4262G	100.47	Inf	-Inf	31.69	3	Horizontal	34	1.83	68.78	27.50	4.19	-
AV	2.4874G	47.04	54.00	-6.96	31.89	3	Horizontal	34	1.83	15.15	27.67	4.22	-
PK	2.3862G	65.48	74.00	-8.52	31.53	3	Horizontal	34	1.83	33.95	27.37	4.16	-
PK	2.4258G	111.45	Inf	-Inf	31.69	3	Horizontal	34	1.83	79.76	27.50	4.19	-
PK	2.4878G	58.21	74.00	-15.79	31.90	3	Horizontal	34	1.83	26.31	27.68	4.22	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

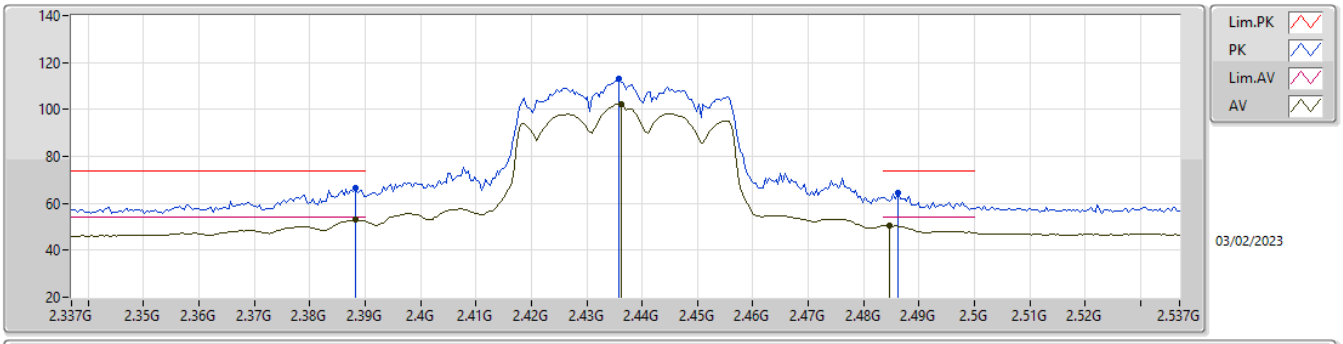
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3874G	50.93	54.00	-3.07	31.53	3	Vertical	341	1.97	19.40	27.37	4.16	-
AV	2.4354G	99.89	Inf	-Inf	31.73	3	Vertical	341	1.97	68.16	27.54	4.19	-
AV	2.4835G	50.79	54.00	-3.21	31.89	3	Vertical	341	1.97	18.90	27.67	4.22	-
PK	2.3878G	65.80	74.00	-8.20	31.54	3	Vertical	341	1.97	34.26	27.38	4.16	-
PK	2.4354G	111.34	Inf	-Inf	31.73	3	Vertical	341	1.97	79.61	27.54	4.19	-
PK	2.4874G	63.72	74.00	-10.28	31.89	3	Vertical	341	1.97	31.83	27.67	4.22	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

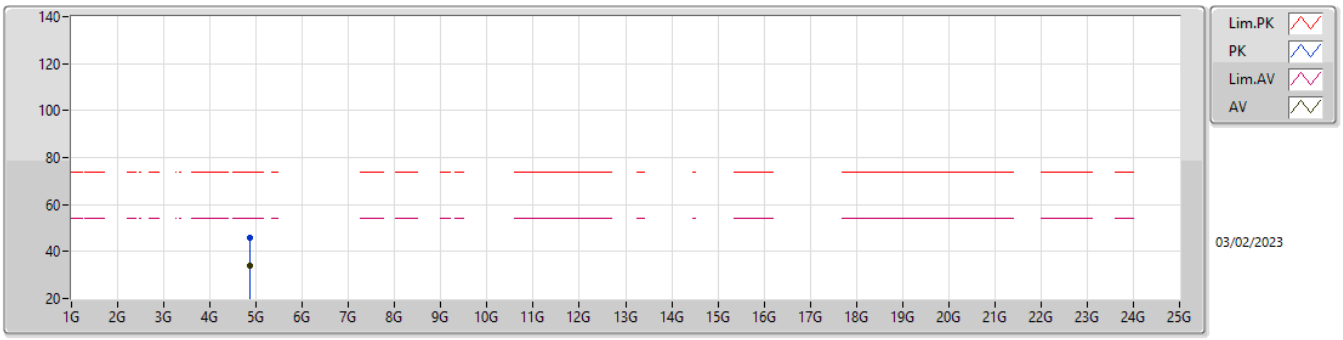
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3882G	52.88	54.00	-1.12	31.54	3	Horizontal	304	2.78	21.34	27.38	4.16	-
AV	2.4362G	102.10	Inf	-Inf	31.73	3	Horizontal	304	2.78	70.37	27.54	4.19	-
AV	2.4846G	50.46	54.00	-3.54	31.89	3	Horizontal	304	2.78	18.57	27.67	4.22	-
PK	2.3882G	66.30	74.00	-7.70	31.54	3	Horizontal	304	2.78	34.76	27.38	4.16	-
PK	2.4358G	113.27	Inf	-Inf	31.73	3	Horizontal	304	2.78	81.54	27.54	4.19	-
PK	2.4862G	64.44	74.00	-9.56	31.89	3	Horizontal	304	2.78	32.55	27.67	4.22	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

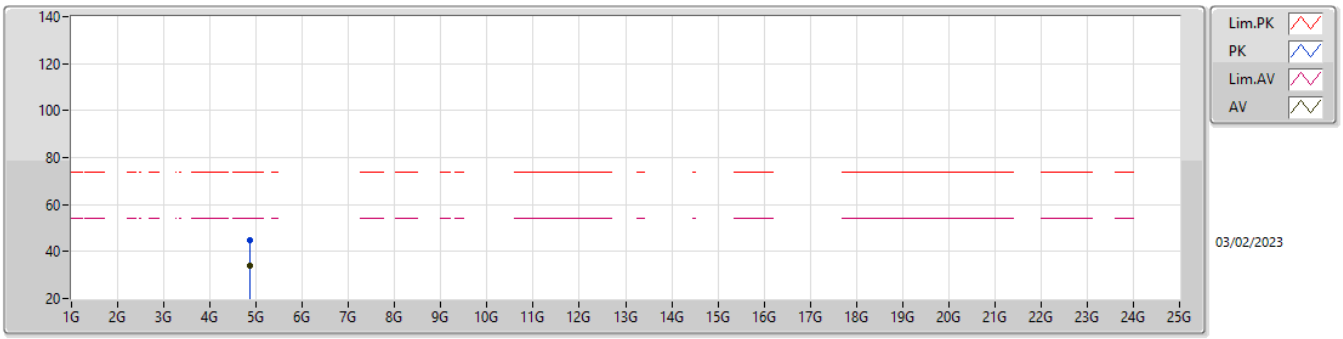
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.87294G	33.75	54.00	-20.25	3.65	3	Vertical	288	2.42	30.10	32.59	5.71	34.65
PK	4.87304G	45.74	74.00	-28.26	3.65	3	Vertical	288	2.42	42.09	32.59	5.71	34.65

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

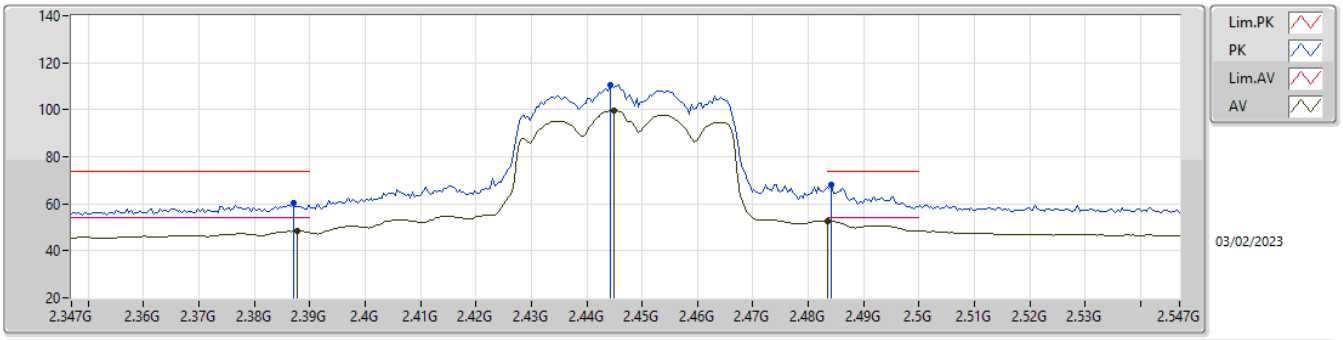
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.87349G	33.87	54.00	-20.13	3.65	3	Horizontal	303	1.15	30.22	32.59	5.71	34.65
PK	4.87494G	45.02	74.00	-28.98	3.66	3	Horizontal	303	1.15	41.36	32.60	5.71	34.65

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

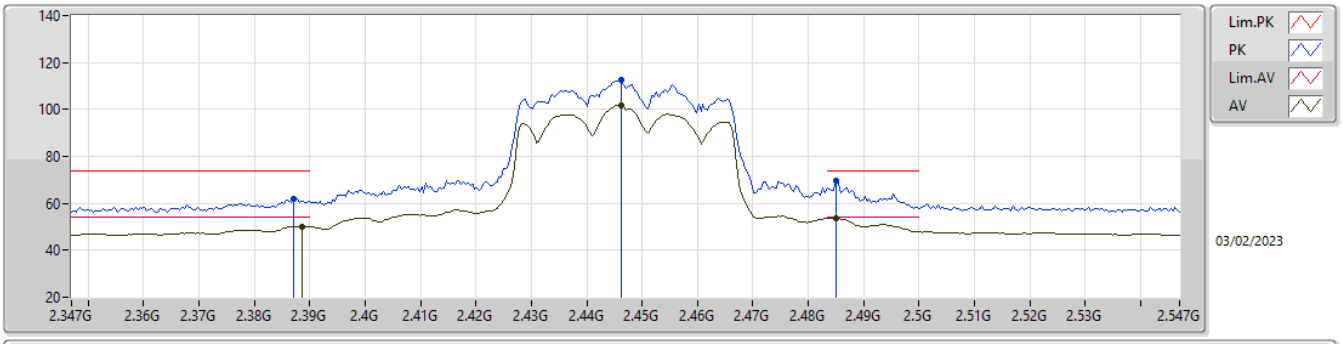
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3878G	48.37	54.00	-5.63	31.54	3	Vertical	338	1.92	16.83	27.38	4.16	-
AV	2.445G	99.70	Inf	-Inf	31.78	3	Vertical	338	1.92	67.92	27.58	4.20	-
AV	2.4835G	52.72	54.00	-1.28	31.89	3	Vertical	338	1.92	20.83	27.67	4.22	-
PK	2.387G	60.12	74.00	-13.88	31.53	3	Vertical	338	1.92	28.59	27.37	4.16	-
PK	2.4442G	110.41	Inf	-Inf	31.78	3	Vertical	338	1.92	78.63	27.58	4.20	-
PK	2.4842G	68.01	74.00	-5.99	31.89	3	Vertical	338	1.92	36.12	27.67	4.22	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

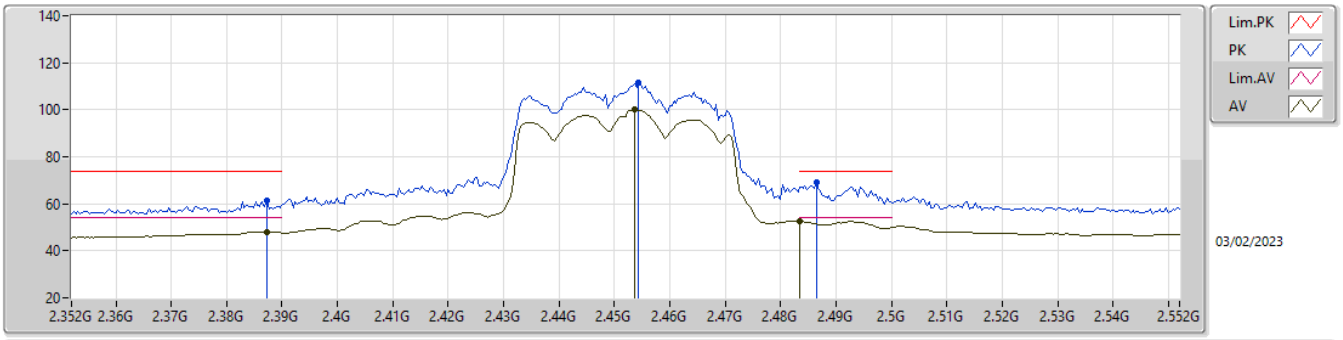
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3886G	50.16	54.00	-3.84	31.54	3	Horizontal	304	2.71	18.62	27.38	4.16	-
AV	2.4462G	101.77	Inf	-Inf	31.78	3	Horizontal	304	2.71	69.99	27.58	4.20	-
AV	2.485G	53.77	54.00	-0.23	31.89	3	Horizontal	304	2.71	21.88	27.67	4.22	-
PK	2.387G	61.97	74.00	-12.03	31.53	3	Horizontal	304	2.71	30.44	27.37	4.16	-
PK	2.4462G	112.71	Inf	-Inf	31.78	3	Horizontal	304	2.71	80.93	27.58	4.20	-
PK	2.485G	69.70	74.00	-4.30	31.89	3	Horizontal	304	2.71	37.81	27.67	4.22	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

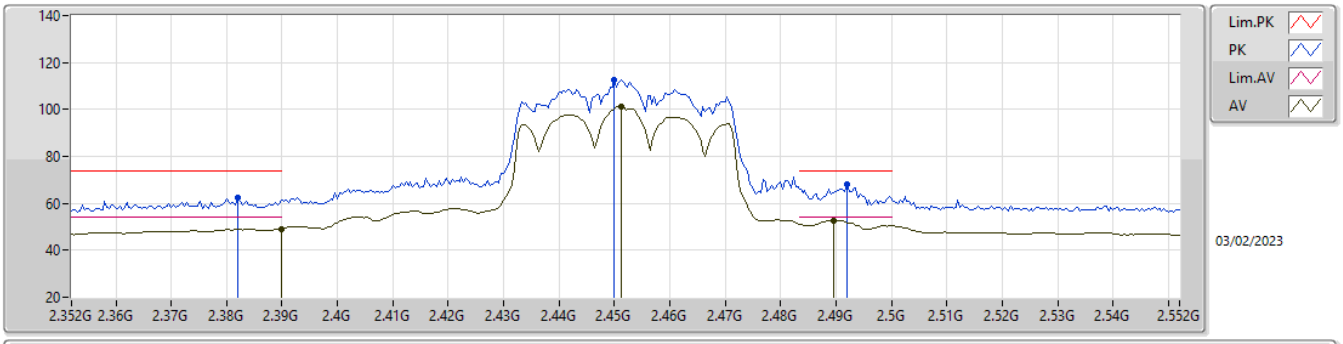
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3872G	48.10	54.00	-5.90	31.53	3	Vertical	333	1.94	16.57	27.37	4.16	-
AV	2.4536G	99.95	Inf	-Inf	31.81	3	Vertical	333	1.94	68.14	27.61	4.20	-
AV	2.4835G	52.58	54.00	-1.42	31.89	3	Vertical	333	1.94	20.69	27.67	4.22	-
PK	2.3872G	61.25	74.00	-12.75	31.53	3	Vertical	333	1.94	29.72	27.37	4.16	-
PK	2.4544G	111.36	Inf	-Inf	31.81	3	Vertical	333	1.94	79.55	27.61	4.20	-
PK	2.4864G	69.07	74.00	-4.93	31.89	3	Vertical	333	1.94	37.18	27.67	4.22	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

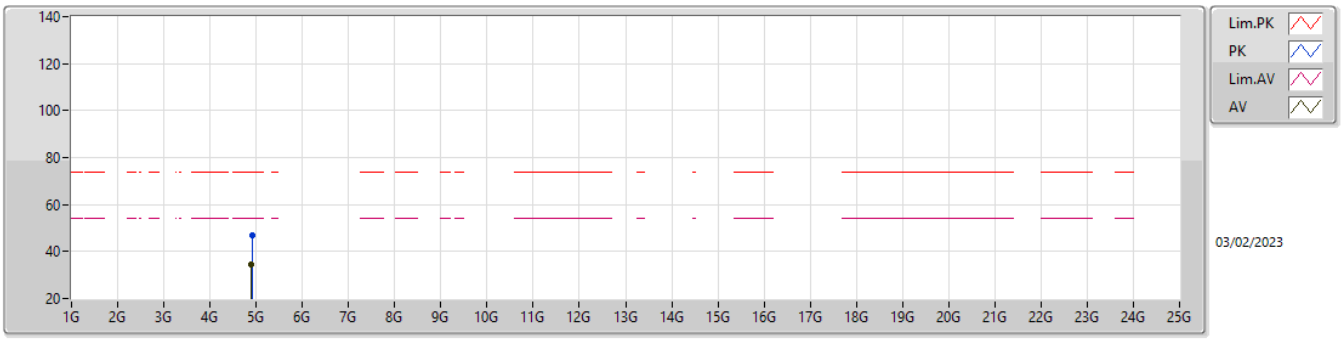
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.12	54.00	-4.88	31.54	3	Horizontal	40	2.09	17.58	27.38	4.16	-
AV	2.4512G	101.46	Inf	-Inf	31.80	3	Horizontal	40	2.09	69.66	27.60	4.20	-
AV	2.4896G	52.63	54.00	-1.37	31.90	3	Horizontal	40	2.09	20.73	27.68	4.22	-
PK	2.382G	62.25	74.00	-11.75	31.51	3	Horizontal	40	2.09	30.74	27.36	4.15	-
PK	2.45G	112.42	Inf	-Inf	31.80	3	Horizontal	40	2.09	80.62	27.60	4.20	-
PK	2.492G	68.04	74.00	-5.96	31.91	3	Horizontal	40	2.09	36.13	27.68	4.23	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

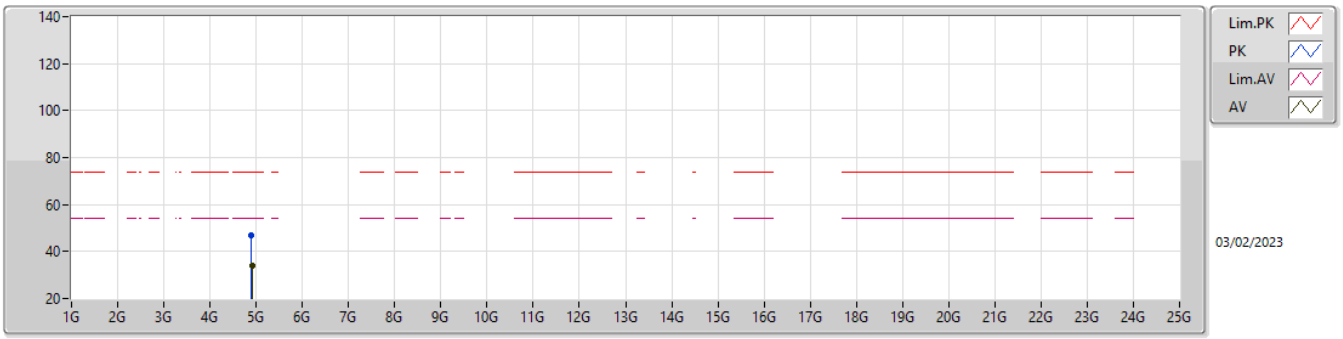
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.90278G	34.30	54.00	-19.70	3.80	3	Vertical	196	1.93	30.50	32.72	5.73	34.65
PK	4.90467G	46.88	74.00	-27.12	3.81	3	Vertical	196	1.93	43.07	32.73	5.73	34.65

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.9047G	34.21	54.00	-19.79	3.81	3	Horizontal	59	2.19	30.40	32.73	5.73	34.65
PK	4.9027G	46.73	74.00	-27.27	3.80	3	Horizontal	59	2.19	42.93	32.72	5.73	34.65

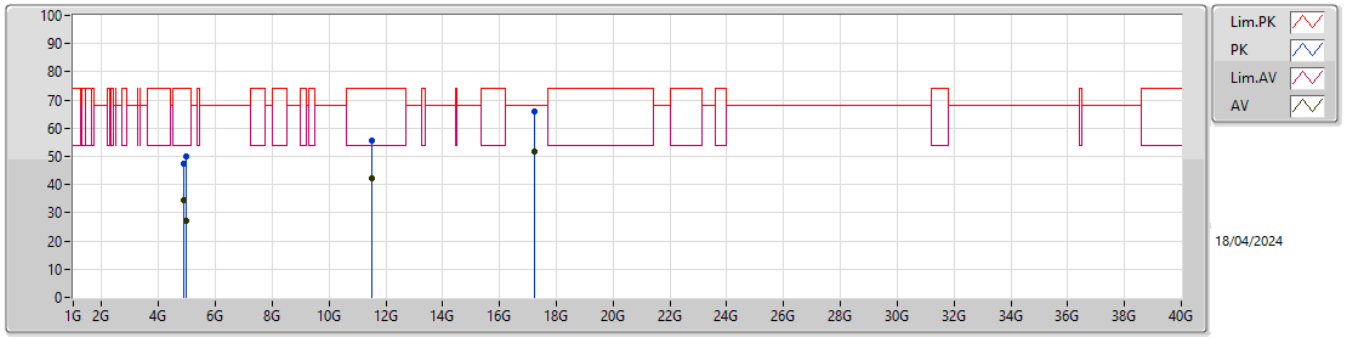
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	17.23524G	68.05	68.20	-0.15	Horizontal

Result

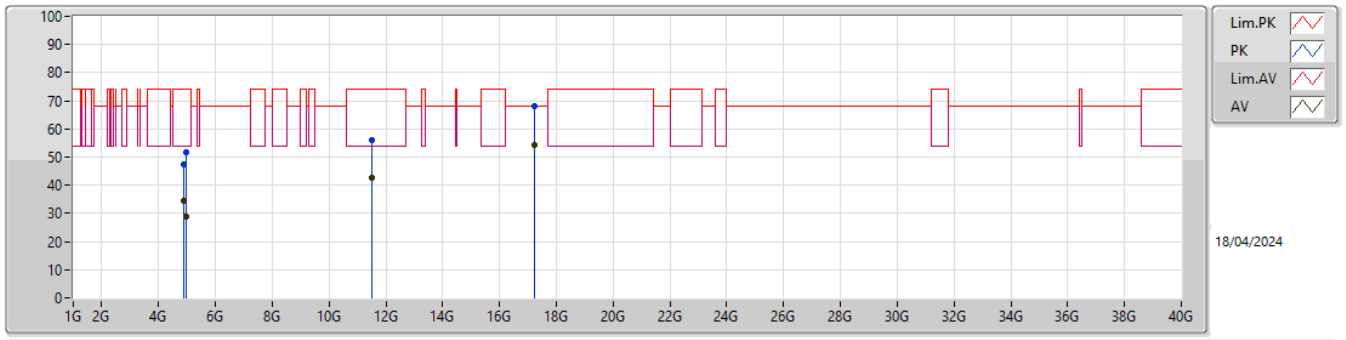
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.874G	34.28	54.00	-19.72	3	Vertical	3	1.02
Mode 1	Pass	AV	4.9602G	27.31	54.00	-26.69	3	Vertical	341	2.91
Mode 1	Pass	AV	11.49186G	42.40	54.00	-11.60	3	Vertical	341	1.50
Mode 1	Pass	AV	17.2353G	51.84	68.20	-16.36	3	Vertical	35	1.50
Mode 1	Pass	PK	4.883G	47.37	74.00	-26.63	3	Vertical	3	1.02
Mode 1	Pass	PK	4.9602G	49.81	74.00	-24.19	3	Vertical	341	2.91
Mode 1	Pass	PK	11.50026G	55.81	74.00	-18.19	3	Vertical	341	1.50
Mode 1	Pass	PK	17.22996G	65.74	68.20	-2.46	3	Vertical	35	1.50
Mode 1	Pass	AV	4.87046G	34.65	54.00	-19.35	3	Horizontal	290	2.43
Mode 1	Pass	AV	4.95964G	29.01	54.00	-24.99	3	Horizontal	300	2.03
Mode 1	Pass	AV	11.49252G	42.72	54.00	-11.28	3	Horizontal	46	2.62
Mode 1	Pass	AV	17.23566G	54.38	68.20	-13.82	3	Horizontal	346	2.25
Mode 1	Pass	PK	4.8854G	47.61	74.00	-26.39	3	Horizontal	290	2.43
Mode 1	Pass	PK	4.95964G	51.51	74.00	-22.49	3	Horizontal	300	2.03
Mode 1	Pass	PK	11.49198G	55.98	74.00	-18.02	3	Horizontal	46	2.62
Mode 1	Pass	PK	17.23524G	68.05	68.20	-0.15	3	Horizontal	346	2.25

Radiated Emissions above 1GHz_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.874G	34.28	54.00	-19.72	6.40	3	Vertical	3	1.02	27.88	32.44	7.97	34.01
AV	4.9602G	27.31	54.00	-26.69	6.85	3	Vertical	341	2.91	20.46	32.86	7.98	33.99
AV	11.49186G	42.40	54.00	-11.60	16.61	3	Vertical	341	1.50	25.79	38.80	11.83	34.02
AV	17.2353G	51.84	68.20	-16.36	19.66	3	Vertical	35	1.50	32.18	38.33	14.84	33.51
PK	4.883G	47.37	74.00	-26.63	6.47	3	Vertical	3	1.02	40.90	32.50	7.97	34.00
PK	4.9602G	49.81	74.00	-24.19	6.85	3	Vertical	341	2.91	42.96	32.86	7.98	33.99
PK	11.50026G	55.81	74.00	-18.19	16.61	3	Vertical	341	1.50	39.20	38.80	11.83	34.02
PK	17.22996G	65.74	68.20	-2.46	19.67	3	Vertical	35	1.50	46.07	38.34	14.84	33.51

Radiated Emissions above 1GHz_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.87046G	34.65	54.00	-19.35	6.38	3	Horizontal	290	2.43	28.27	32.42	7.97	34.01
AV	4.95964G	29.01	54.00	-24.99	6.85	3	Horizontal	300	2.03	22.16	32.86	7.98	33.99
AV	11.49252G	42.72	54.00	-11.28	16.61	3	Horizontal	46	2.62	26.11	38.80	11.83	34.02
AV	17.23566G	54.38	68.20	-13.82	19.66	3	Horizontal	346	2.25	34.72	38.33	14.84	33.51
PK	4.8854G	47.61	74.00	-26.39	6.48	3	Horizontal	290	2.43	41.13	32.51	7.97	34.00
PK	4.95964G	51.51	74.00	-22.49	6.85	3	Horizontal	300	2.03	44.66	32.86	7.98	33.99
PK	11.49198G	55.98	74.00	-18.02	16.61	3	Horizontal	46	2.62	39.37	38.80	11.83	34.02
PK	17.23524G	68.05	68.20	-0.15	19.66	3	Horizontal	346	2.25	48.39	38.33	14.84	33.51