FCC Radio Test Report

FCC ID	:	**TVE-51018E01231**
Equipment	:	**Secured Wireless Access Point**
Brand Name	:	**FORTINET**
Model Name	:	**FortiAP 234Gxxxxxx, FAP-234Gxxxxxx, FORTIAP-234Gxxxxxx (Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)**
Applicant	:	**Fortinet, Inc. 899 Kifer Road, Sunnyvale, CA 94086, USA**
Manufacturer	:	**Fortinet, Inc. 899 Kifer Road, Sunnyvale, CA 94086, USA**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Aug. 07, 2023, and testing was started from Aug. 25, 2023 and completed on Oct. 04, 2023. 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 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.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR380143AC	01	Initial issue of report	Nov. 02, 2023
FR380143AC	02	Revised typo (This report is the latest version replacing for the report issued on Nov. 02, 2023)	Nov. 03, 2023

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: Barry Hsiao

Report Producer: Amber Chiu

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	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	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.	Port	Brand	Model Name	Antenna Type	Connector	Support
1	1	AWAN	7102A0613000	Cross Dipole	I-Pex	2.4G
2	2	AWAN	7102A0613000	Cross Dipole	I-Pex	2.4G
3	1	AWAN	7102A0651000	Cross Dipole	I-Pex	5G
4	2	AWAN	7102A0651000	Cross Dipole	I-Pex	5G
5	1	AWAN	7102A0651000	Cross Dipole	I-Pex	5G+6G
6	2	AWAN	7102A0651000	Cross Dipole	I-Pex	5G+6G
7	3	AWAN	7102A0650000	Cross Dipole	I-Pex	2.4G
8	4	AWAN	7102A0650000	Cross Dipole	I-Pex	2.4G
9	1	AWAN	7102A0614000	Dipole	I-Pex	BT&Zigbee
10	1	Quectel	7102A0652000	Patch	I-Pex	GPS

Gain (dBi)							Remark	
Ant.	Port	2.4G	5G	6G	BT& Zigbee	GPS		
1	1	6.8	-	-	-	-	Radio 1	
2	2	6.8	-	-	-	-	Radio 1	
3	1	-	8.4	-	-	-	Radio 2	Radio 2 (Low Band)
4	2	-	8.2	-	-	-	Radio 2	
5	1	-	8.4	8.3	-	-	Radio 3	Radio 3 (High Band)
6	2	-	8.4	8.3	-	-	Radio 3	
7	3	6.6	-	-	-	-	Radio 3	
8	4	6.7	-	-	-	-	Radio 3	
9	1	-	-	-	6.2	-	-	
10	1	-	-	-	-	2	-	

Note 1: The EUT has ten antennas.

For 2.4GHz function:

< Radio 1 >

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

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

< Radio 3 >

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

Ant.7 (port 3), Ant.8 (port 4) could transmit/receive simultaneously.

For 5GHz function:

< Radio 2 >

For IEEE 802.11a/n/ac/ax mode (2TX/2RX)

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

< Radio 3 >

For IEEE 802.11a/n/ac/ax mode (2TX/2RX)

Ant.5 (port 1), Ant.6 (port 2) could transmit/receive simultaneously.

For Bluetooth function:

For Bluetooth mode (1TX/1RX)

Only Ant.9 can be used as transmitting/receiving.

For GPS function:

For GPS mode (1RX)

Only Ant.10 can be used as receiving.

Note 2: Directional gain information

	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

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_Radio 1

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.708	1.5	665.625u	3k
802.11g_Nss1,(6Mbps)_2TX	0.941	0.26	1.978m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.813	0.9	5.447m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.812	0.9	5.447m	300

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

Non-Beamforming_Radio 3

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1D)	0.665	1.77	665.625u	3k
802.11g_Nss 1,(6D)	0.944	0.25	1.977m	1k
802.11ax HEW20_Nss 1,(M0)	0.729	1.37	5.452m	300
802.11ax HEW40_Nss 1,(M0)	0.81	0.92	5.447m	300

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

Beamforming_Radio 1

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.813	0.9	5.447m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.812	0.9	5.447m	300

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

Beamforming_Radio 3

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.729	1.37	5.452m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.81	0.92	5.447m	300

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

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Brand Name	Model Name	Description
FORTINET	FortiAP 234Gxxxxxx, FAP-234Gxxxxxx, FORTIAP-234Gxxxxxx (Where "x" can be used as "A-Z", or "0-9", or “-", or blank for software changes or marketing purposes only)	All the models are identical, the difference model served as marketing strategy.

From the above models, model: FAP-234G was selected as representative model for the test and its data was recorded in this report.

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 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785)	**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	Ivan Chung	22.1~23.6°C / 53~58%	18/Sep/2023~19/Sep/2023
RF Conducted	TH07-HY	Xie Xun	23.5~24.7°C / 52~55%	07/Sep/2023~04/Oct/2023
Radiated_Radio 1 (Below 1GHz)	03CH03-HY	Coco ShangKung	22.8~23.1°C / 52~55%	06/Sep/2023
Radiated_Radio 1 (Above 1GHz)	03CH02-HY	Coco ShangKung	22.2~24.1°C / 51~59%	25/Aug/2023~04/Oct/2023
Radiated_Radio 3	03CH03-HY	Coco ShangKung	23.1~23.4°C / 51~56%	31/Aug/2023~06/Sep/2023
Radiated (Co-location)	03CH02-HY	Darren Cho	22.9~23.2°C / 52~55%	06/Sep/2023
☐ Wen 33rd.St.	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
(TAF: 3785)	**TEL:** 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

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-Connectivity1.0-00081

Non-Beamforming_Radio 1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	24
2437MHz	24
2462MHz	24
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	22
2417MHz	22
2437MHz	24
2457MHz	21.5
2462MHz	21.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	20.5
2417MHz	24
2437MHz	24
2457MHz	22
2462MHz	22
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	21.5
2437MHz	20.5
2447MHz	18
2452MHz	17.5

Non-Beamforming_Radio 3

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	22.5
2437MHz	22.5
2462MHz	22.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	22
2417MHz	22.5
2437MHz	22.5
2457MHz	21.5
2462MHz	21
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	19
2417MHz	22.5
2437MHz	22.5
2457MHz	21
2462MHz	20
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	20
2427MHz	20.5
2437MHz	20
2447MHz	17.5
2452MHz	17.5

Beamforming_Radio 1

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	20.5
2417MHz	23.5
2437MHz	23.5
2457MHz	22
2462MHz	22
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	21.5
2437MHz	20.5
2447MHz	18
2452MHz	17.5

Beamforming_Radio 3

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	19
2417MHz	22.5
2437MHz	22.5
2457MHz	21
2462MHz	20
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	20
2427MHz	20.5
2437MHz	20
2447MHz	17.5
2452MHz	17.5

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	**Y Plane**
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Radio1:2.4G+ Radio2:5G+ Radio3:2.4G+ BT
2	Radio1:2.4G+ Radio2:5G+ Radio3:5G+ Bluetooth
3	Radio1:2.4G+ Radio2:5G+ Radio3:2.4G+ Zigbee
4	Radio1:2.4G+ Radio2:5G+ Radio3:5G+ Zigbee
5	Radio1:2.4G+ (Radio2:5G Low Band+ Radio3:5G High Band)+ BT
6	Radio1:2.4G+ (Radio2:5G Low Band+ Radio3:5G High Band)+ Zigbee
Refer to Sporton Test Report No.: FA380143 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
AC Cord	Brand Name	I-SHENG	Model Name	AC CORD 600mm
	Signal Line	0.5 meter, shielded cable, w/o ferrite core		
PoE Adapter	Brand Name	Senao Inc.	Model Name	EPA5006GPR-SN(4P)
	Power Rating	I/P: 100-240 Vdc, 0.8A, 50-60 Hz O/P: 54 Vdc, 0.6 A		
BRACKET POLE MOUNT	Brand Name	CUN SHENG	Model Name	BRACKET POLE MOUNT LFP
BRACKET WALL MOUNT	Brand Name	XIERTEK	Model Name	BRACKET WALL MOUNT
Pole Mount Bracket	Brand Name	CUN SHENG	Model Name	6301A2873010
Ground Wire	Brand Name	BO YAO	Model Name	WIRE GEN AWG10 180cm
	Signal Line	1.8 meter, shielded cable, w/o ferrite core		

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

2.4 Support Equipment

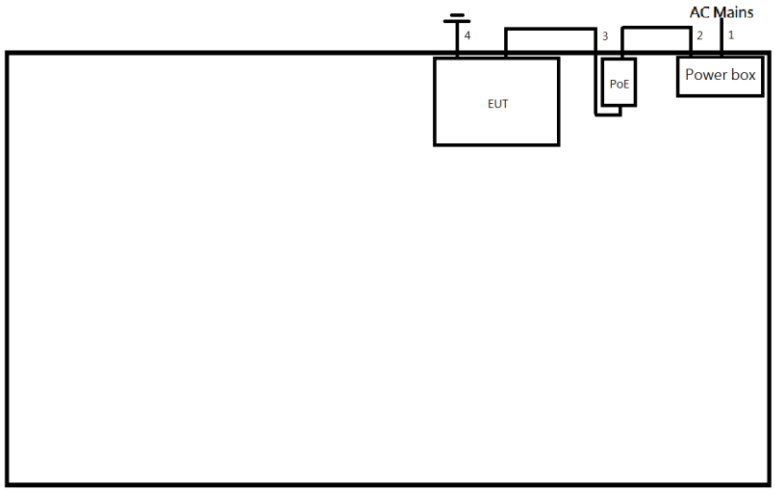
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	RJ45 cable	Power Sync	CAT-6E-01	-	-

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	RJ45 cable	Power Sync	CAT-6E-01	-	-

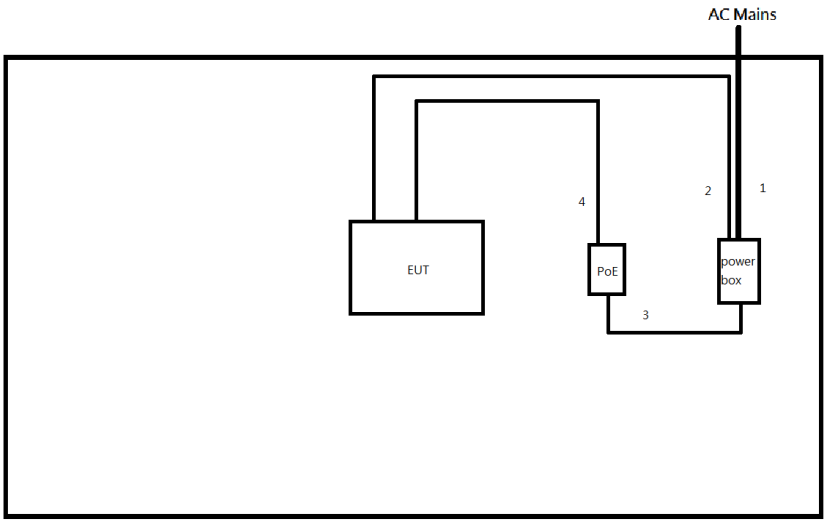
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.0	-
2	AC Cord	Yes	0.5	-
3	RJ45 Cable	No	1.0	-
4	Ground Wire	Yes	1.8	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	Ground Wire	Yes	1.8	-
3	AC Cord	Yes	0.5	-
4	RJ45 Cable	No	1.0	-

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

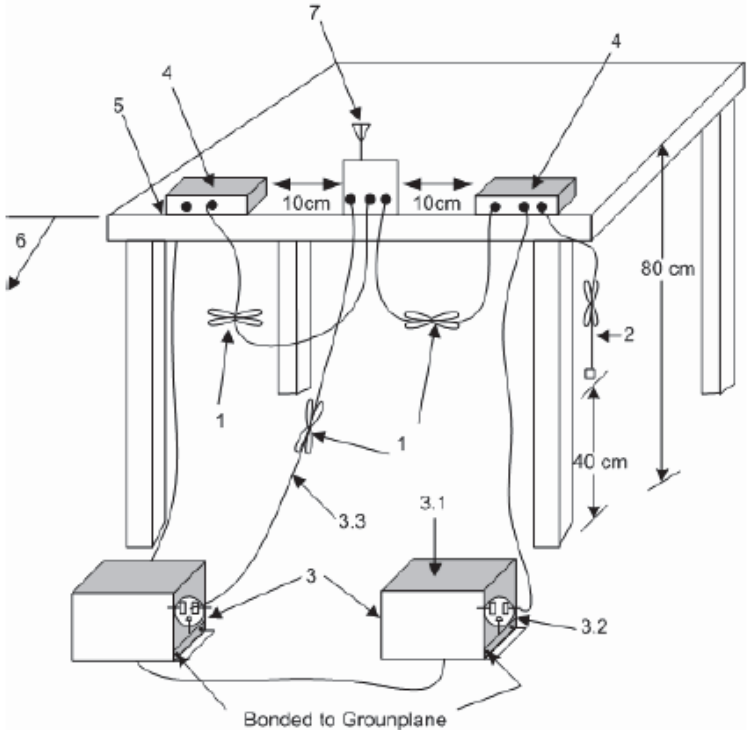
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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 50 Ω 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.

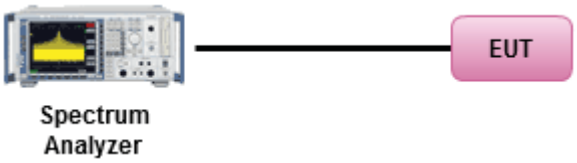
3.2.2 Measuring Instruments

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} ≤ 6 dBi, then P_{Out} ≤ 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 + 8dB dBm	
e.i.r.p. Power Limit:			
▪ 2400-2483.5 MHz Band			
	▪ Point-to-multipoint systems (P2M): P_{eirp} ≤ 36 dBm (4 W)		
	▪ Point-to-point systems (P2P): P_{eirp} ≤ MAX(36, [P_{Out} + G_{TX}]) dBm		
	▪ Smart antenna system (SAS)		
		- Single beam: P_{eirp} ≤ MAX(36, P_{Out} + G_{TX}) dBm	
		- Overlap beam: P_{eirp} ≤ MAX(36, P_{Out} + G_{TX}) dBm	
		- Aggregate power on all beams: P_{eirp} ≤ 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

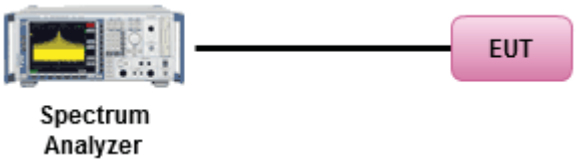
3.4.2 Measuring Instruments

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.	

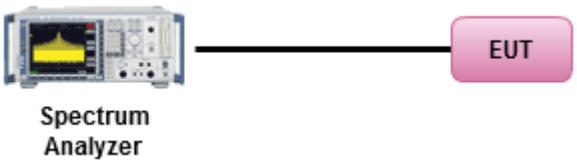
3.5.2 Measuring Instruments

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

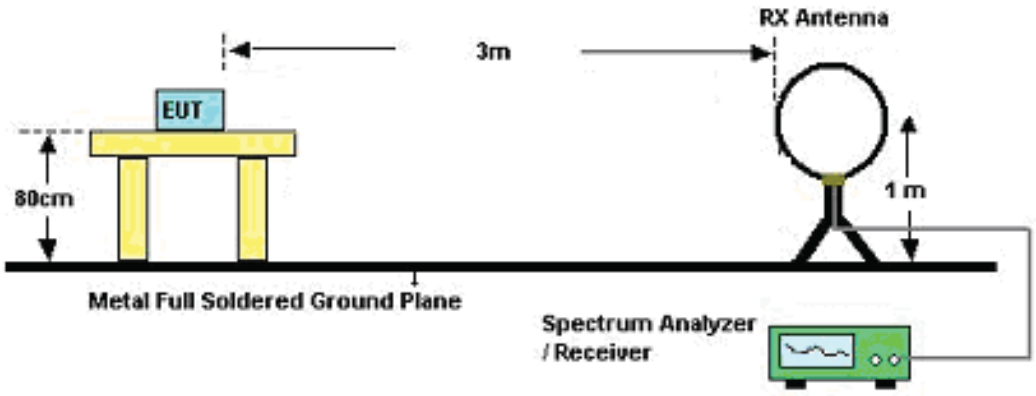
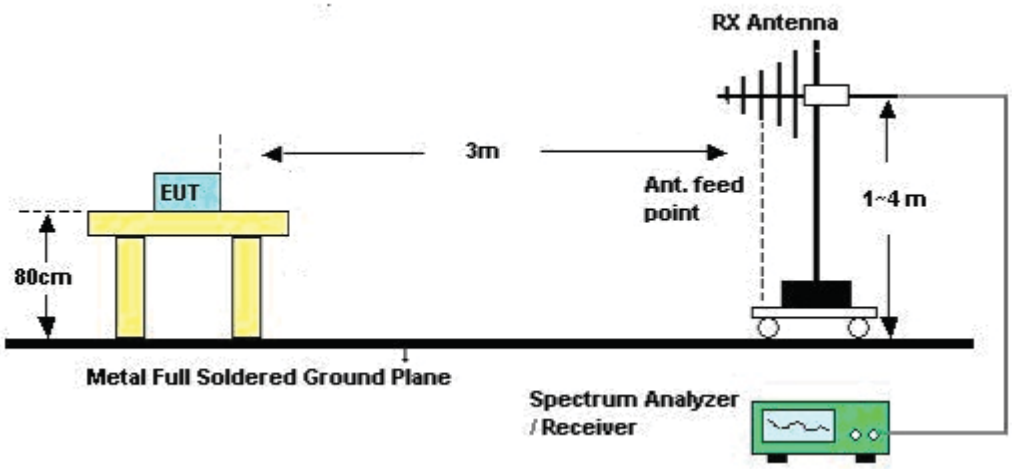
Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted 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

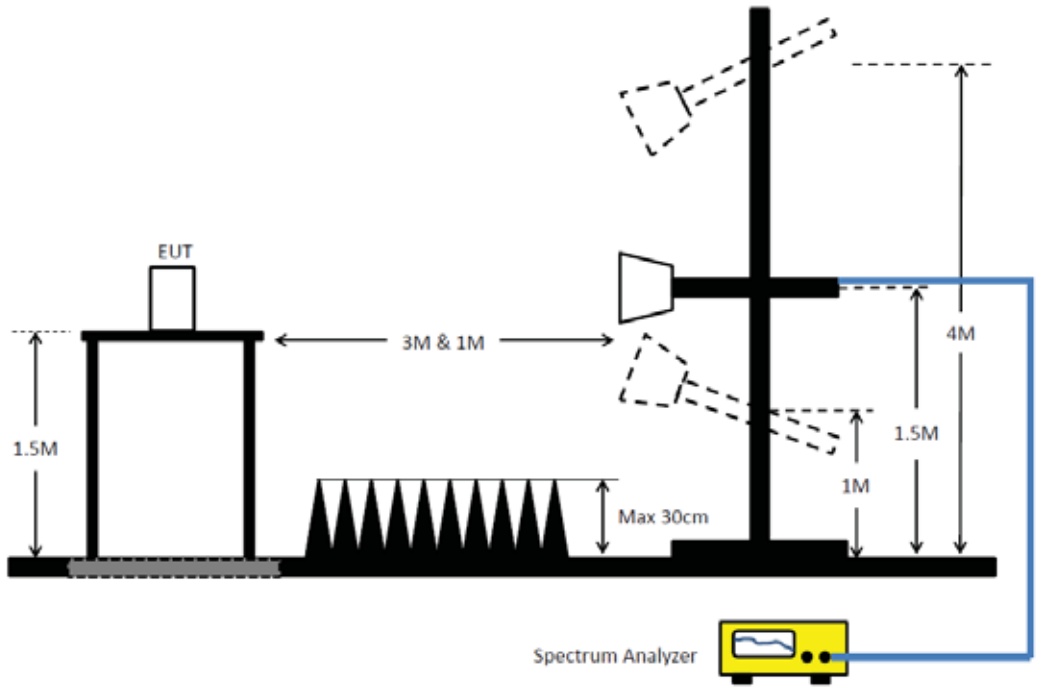
The measured Level is calculated using:

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	16/May/2023	15/May/2024
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	07/Sep/2023	06/Sep/2024
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	28/Feb/2023	27/Feb/2024
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	25/Oct/2022	24/Oct/2023
Software	Sporton	SENSE-EMI	V5.11.3	-	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	101515	9kHz~40GHz	14/Feb/2023	13/Feb/2024
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	V5.11.10	N/A	N/A	N/A	N/A

Instrument for Radiated Test - Radio 1 (03CH03-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	30/Jul/2023	29/Jul/2024
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2022	25/Oct/2023
Amplifier	Aglient	8447D	2944A08033	10kHz~1.3GHz	07/Apr/2023	06/Apr/2024
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	16/Oct/2022	15/Oct/2023
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	13/Jun/2023	12/Jun/2024
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	13/Jun/2023	12/Jun/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
EMI Test Receiver	R&S	ESR3	ESR3102052	9kHz~3.6GHz	26/Mar/2023	25/Mar/2024
SENSE-15247_DTS	Sporton	V5.11.7	N/A	N/A	N/A	N/A

Instrument for Radiated Test - Radio 1 (03CH02-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	25/Mar/2023	24/Mar/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	1534	1GHz~18GHz	23/Mar/2023	22/Mar/2024
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	10/Feb/2023	09/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	25/Mar/2023	24/Mar/2024
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
SENSE-15247_DTS	Sporton	V5.11.7	N/A	N/A	N/A	N/A

Instrument for Radiated Test - Radio 3 (03CH03-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	30/Jul/2023	29/Jul/2024
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/2022	25/Oct/2023
Amplifier	Aglient	8447D	2944A11149	100kHz~1.3GHz	27/Jun/2023	26/Jun/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	27/Sep/2022	26/Sep/2023
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	16/Oct/2022	15/Oct/2023
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	13/Jun/2023	12/Jun/2024
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	13/Jun/2023	12/Jun/2024
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-01	1GHz~40GHz	29/Jun/2023	28/Jun/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	25/Mar/2023	24/Mar/2024
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	26/Jul/2023	25/Jul/2024
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
EMI Test Receiver	R&S	ESR3	ESR3102052	9kHz~3.6GHz	26/Mar/2023	25/Mar/2024
SENSE-DTS-15247	Sporton	V5.11.6	NA	NA	NA	NA

Instrument for Radiated Test Co-location (03CH02-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	25/Mar/2023	24/Mar/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2023	22/Sep/2024
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	10/Feb/2023	09/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	25/Mar/2023	24/Mar/2024
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	60604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
SENSE-EMI	V5.11.5	NA	NA	NA	NA	NA

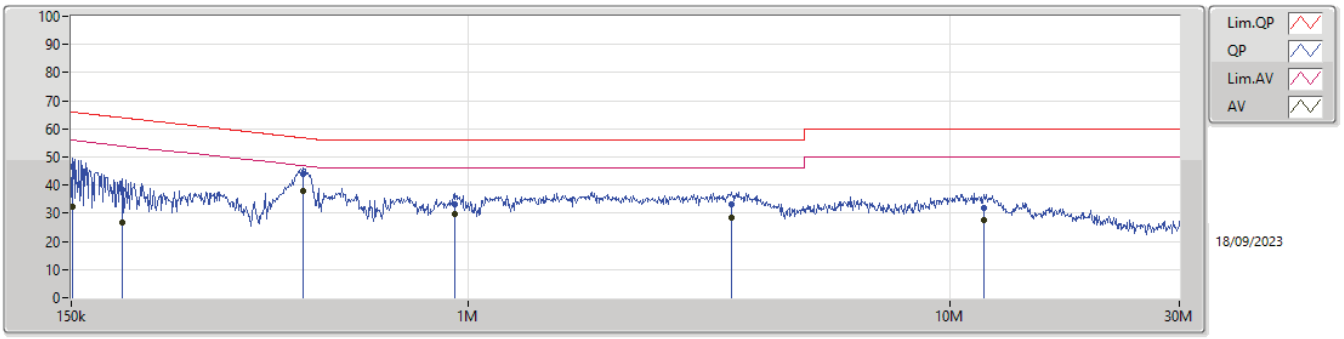
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	455.055k	37.72	46.78	-9.06	Line

Result

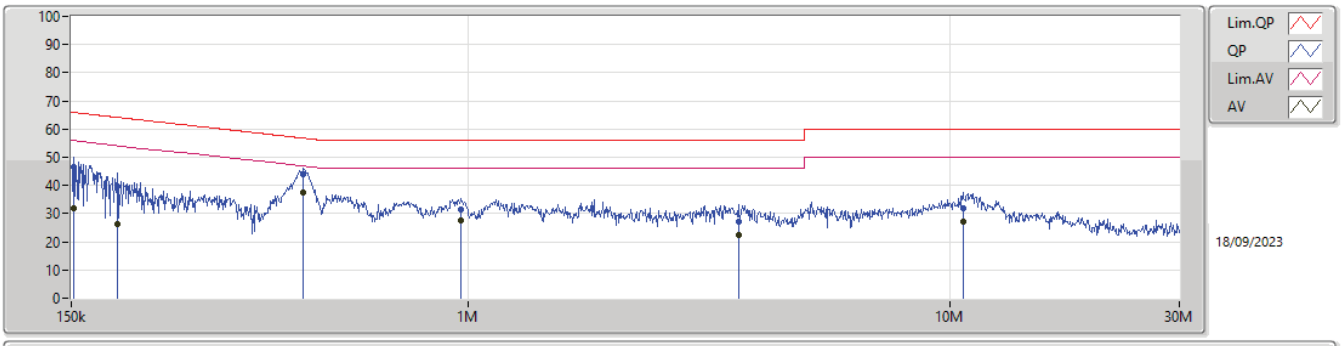
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	46.49	65.96	-19.47	Line
Mode 1	Pass	AV	150.6k	32.15	55.96	-23.81	Line
Mode 1	Pass	QP	191.358k	38.35	63.97	-25.62	Line
Mode 1	Pass	AV	191.358k	26.74	53.97	-27.23	Line
Mode 1	Pass	QP	455.055k	44.14	56.78	-12.64	Line
Mode 1	Pass	AV	455.055k	37.72	46.78	-9.06	Line
Mode 1	Pass	QP	937.272k	33.23	56.00	-22.77	Line
Mode 1	Pass	AV	937.272k	29.86	46.00	-16.14	Line
Mode 1	Pass	QP	3.527M	33.07	56.00	-22.93	Line
Mode 1	Pass	AV	3.527M	28.39	46.00	-17.61	Line
Mode 1	Pass	QP	11.777M	31.92	60.00	-28.08	Line
Mode 1	Pass	AV	11.777M	27.52	50.00	-22.48	Line
Mode 1	Pass	QP	151.807k	46.51	65.90	-19.39	Neutral
Mode 1	Pass	AV	151.807k	31.79	55.90	-24.11	Neutral
Mode 1	Pass	QP	186.83k	39.84	64.18	-24.34	Neutral
Mode 1	Pass	AV	186.83k	26.44	54.18	-27.74	Neutral
Mode 1	Pass	QP	455.055k	43.97	56.78	-12.81	Neutral
Mode 1	Pass	AV	455.055k	37.59	46.78	-9.19	Neutral
Mode 1	Pass	QP	967.688k	31.49	56.00	-24.51	Neutral
Mode 1	Pass	AV	967.688k	27.63	46.00	-18.37	Neutral
Mode 1	Pass	QP	3.642M	27.36	56.00	-28.64	Neutral
Mode 1	Pass	AV	3.642M	22.41	46.00	-23.59	Neutral
Mode 1	Pass	QP	10.659M	31.74	60.00	-28.26	Neutral
Mode 1	Pass	AV	10.659M	27.19	50.00	-22.81	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	150.6k	46.49	65.96	-19.47	19.53	Line	-	26.96	9.57	0.03	9.93
AV	150.6k	32.15	55.96	-23.81	19.53	Line	-	12.62	9.57	0.03	9.93
QP	191.358k	38.35	63.97	-25.62	19.52	Line	-	18.83	9.56	0.03	9.93
AV	191.358k	26.74	53.97	-27.23	19.52	Line	-	7.22	9.56	0.03	9.93
QP	455.055k	44.14	56.78	-12.64	19.57	Line	-	24.57	9.57	0.04	9.96
AV	455.055k	37.72	46.78	-9.06	19.57	Line	-	18.15	9.57	0.04	9.96
QP	937.272k	33.23	56.00	-22.77	19.56	Line	-	13.67	9.57	0.05	9.94
AV	937.272k	29.86	46.00	-16.14	19.56	Line	-	10.30	9.57	0.05	9.94
QP	3.527M	33.07	56.00	-22.93	19.65	Line	-	13.42	9.60	0.12	9.93
AV	3.527M	28.39	46.00	-17.61	19.65	Line	-	8.74	9.60	0.12	9.93
QP	11.777M	31.92	60.00	-28.08	19.87	Line	-	12.05	9.71	0.20	9.96
AV	11.777M	27.52	50.00	-22.48	19.87	Line	-	7.65	9.71	0.20	9.96

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	151.807k	46.51	65.90	-19.39	19.58	Neutral	-	26.93	9.62	0.03	9.93
AV	151.807k	31.79	55.90	-24.11	19.58	Neutral	-	12.21	9.62	0.03	9.93
QP	186.83k	39.84	64.18	-24.34	19.58	Neutral	-	20.26	9.62	0.03	9.93
AV	186.83k	26.44	54.18	-27.74	19.58	Neutral	-	6.86	9.62	0.03	9.93
QP	455.055k	43.97	56.78	-12.81	19.62	Neutral	-	24.35	9.62	0.04	9.96
AV	455.055k	37.59	46.78	-9.19	19.62	Neutral	-	17.97	9.62	0.04	9.96
QP	967.688k	31.49	56.00	-24.51	19.61	Neutral	-	11.88	9.62	0.05	9.94
AV	967.688k	27.63	46.00	-18.37	19.61	Neutral	-	8.02	9.62	0.05	9.94
QP	3.642M	27.36	56.00	-28.64	19.71	Neutral	-	7.65	9.66	0.12	9.93
AV	3.642M	22.41	46.00	-23.59	19.71	Neutral	-	2.70	9.66	0.12	9.93
QP	10.659M	31.74	60.00	-28.26	19.97	Neutral	-	11.77	9.82	0.19	9.96
AV	10.659M	27.19	50.00	-22.81	19.97	Neutral	-	7.22	9.82	0.19	9.96

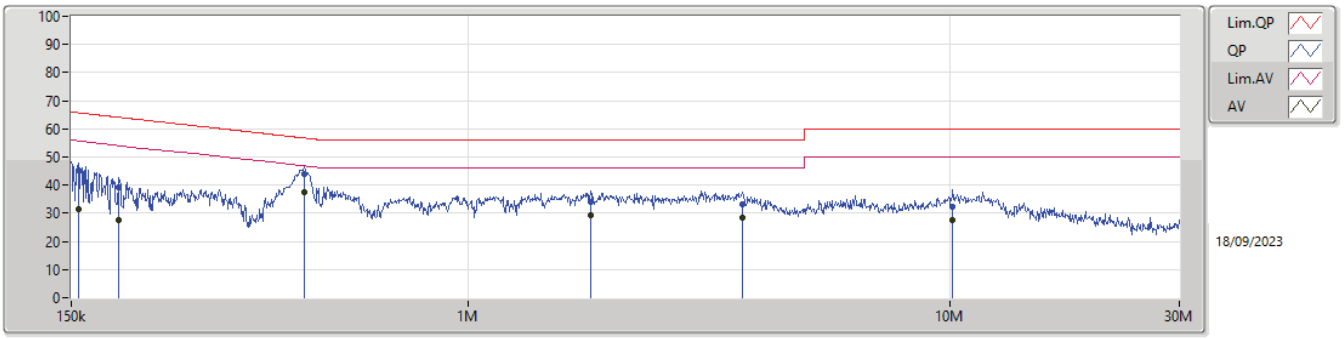
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	447.846k	38.82	46.92	-8.10	Neutral

Result

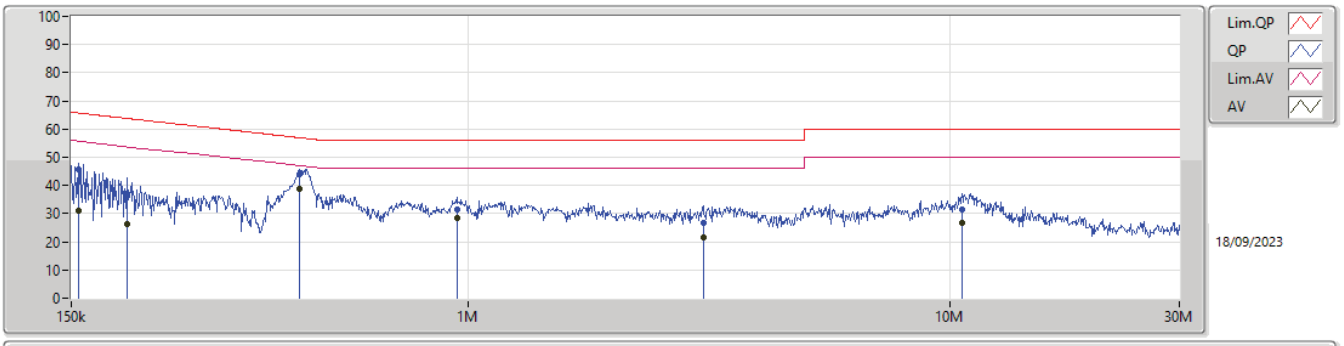
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.868k	45.16	65.73	-20.57	Line
Mode 1	Pass	AV	154.868k	31.36	55.73	-24.37	Line
Mode 1	Pass	QP	188.327k	39.05	64.11	-25.06	Line
Mode 1	Pass	AV	188.327k	27.58	54.11	-26.53	Line
Mode 1	Pass	QP	456.875k	43.95	56.75	-12.80	Line
Mode 1	Pass	AV	456.875k	37.58	46.75	-9.17	Line
Mode 1	Pass	QP	1.797M	33.88	56.00	-22.12	Line
Mode 1	Pass	AV	1.797M	29.31	46.00	-16.69	Line
Mode 1	Pass	QP	3.715M	32.98	56.00	-23.02	Line
Mode 1	Pass	AV	3.715M	28.39	46.00	-17.61	Line
Mode 1	Pass	QP	10.16M	32.33	60.00	-27.67	Line
Mode 1	Pass	AV	10.16M	27.77	50.00	-22.23	Line
Mode 1	Pass	QP	154.868k	45.54	65.73	-20.19	Neutral
Mode 1	Pass	AV	154.868k	30.99	55.73	-24.74	Neutral
Mode 1	Pass	QP	195.997k	37.21	63.78	-26.57	Neutral
Mode 1	Pass	AV	195.997k	26.31	53.78	-27.47	Neutral
Mode 1	Pass	QP	447.846k	43.79	56.92	-13.13	Neutral
Mode 1	Pass	AV	447.846k	38.82	46.92	-8.10	Neutral
Mode 1	Pass	QP	948.564k	31.58	56.00	-24.42	Neutral
Mode 1	Pass	AV	948.564k	28.54	46.00	-17.46	Neutral
Mode 1	Pass	QP	3.08M	26.78	56.00	-29.22	Neutral
Mode 1	Pass	AV	3.08M	21.67	46.00	-24.33	Neutral
Mode 1	Pass	QP	10.616M	31.54	60.00	-28.46	Neutral
Mode 1	Pass	AV	10.616M	26.86	50.00	-23.14	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	154.868k	45.16	65.73	-20.57	19.53	Line	-	25.63	9.57	0.03	9.93
AV	154.868k	31.36	55.73	-24.37	19.53	Line	-	11.83	9.57	0.03	9.93
QP	188.327k	39.05	64.11	-25.06	19.52	Line	-	19.53	9.56	0.03	9.93
AV	188.327k	27.58	54.11	-26.53	19.52	Line	-	8.06	9.56	0.03	9.93
QP	456.875k	43.95	56.75	-12.80	19.57	Line	-	24.38	9.57	0.04	9.96
AV	456.875k	37.58	46.75	-9.17	19.57	Line	-	18.01	9.57	0.04	9.96
QP	1.797M	33.88	56.00	-22.12	19.60	Line	-	14.28	9.58	0.08	9.94
AV	1.797M	29.31	46.00	-16.69	19.60	Line	-	9.71	9.58	0.08	9.94
QP	3.715M	32.98	56.00	-23.02	19.65	Line	-	13.33	9.60	0.12	9.93
AV	3.715M	28.39	46.00	-17.61	19.65	Line	-	8.74	9.60	0.12	9.93
QP	10.16M	32.33	60.00	-27.67	19.85	Line	-	12.48	9.71	0.18	9.96
AV	10.16M	27.77	50.00	-22.23	19.85	Line	-	7.92	9.71	0.18	9.96

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	154.868k	45.54	65.73	-20.19	19.58	Neutral	-	25.96	9.62	0.03	9.93
AV	154.868k	30.99	55.73	-24.74	19.58	Neutral	-	11.41	9.62	0.03	9.93
QP	195.997k	37.21	63.78	-26.57	19.58	Neutral	-	17.63	9.62	0.03	9.93
AV	195.997k	26.31	53.78	-27.47	19.58	Neutral	-	6.73	9.62	0.03	9.93
QP	447.846k	43.79	56.92	-13.13	19.62	Neutral	-	24.17	9.62	0.04	9.96
AV	447.846k	38.82	46.92	-8.10	19.62	Neutral	-	19.20	9.62	0.04	9.96
QP	948.564k	31.58	56.00	-24.42	19.61	Neutral	-	11.97	9.62	0.05	9.94
AV	948.564k	28.54	46.00	-17.46	19.61	Neutral	-	8.93	9.62	0.05	9.94
QP	3.08M	26.78	56.00	-29.22	19.69	Neutral	-	7.09	9.65	0.11	9.93
AV	3.08M	21.67	46.00	-24.33	19.69	Neutral	-	1.98	9.65	0.11	9.93
QP	10.616M	31.54	60.00	-28.46	19.97	Neutral	-	11.57	9.82	0.19	9.96
AV	10.616M	26.86	50.00	-23.14	19.97	Neutral	-	6.89	9.82	0.19	9.96

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	7.825M	12.939M	12M9G1D	7.075M	12.804M
802.11g_Nss1,(6Mbps)_2TX	16.375M	16.426M	16M4D1D	15.05M	16.338M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.1M	18.966M	19M0D1D	18.55M	18.816M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.2M	37.881M	37M9D1D	37.15M	37.631M

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

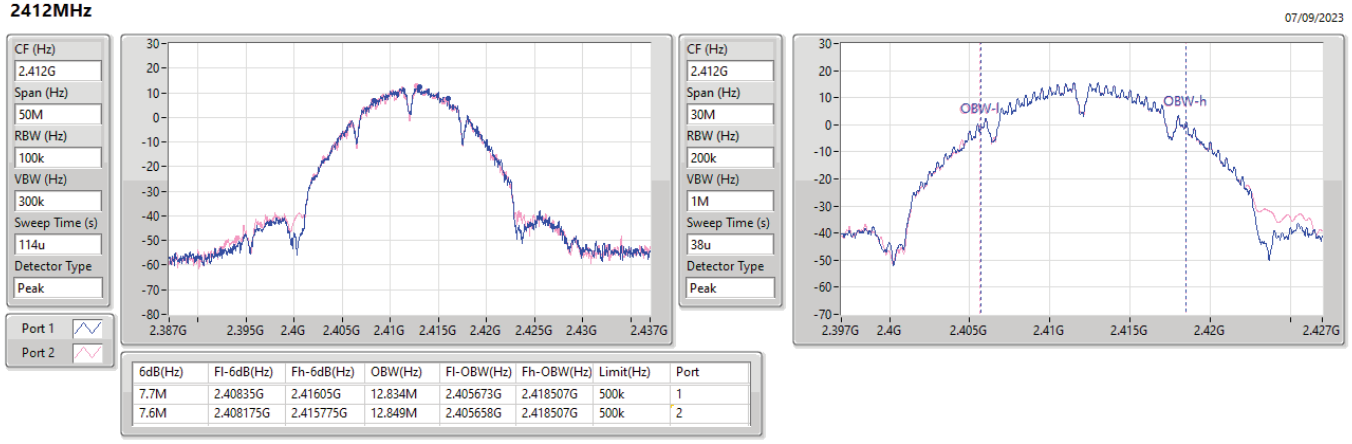
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.7M	12.834M	7.6M	12.849M
2437MHz	Pass	500k	7.825M	12.864M	7.075M	12.939M
2462MHz	Pass	500k	7.625M	12.804M	7.3M	12.834M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.404M	15.05M	16.426M
2437MHz	Pass	500k	16.375M	16.404M	16.35M	16.36M
2462MHz	Pass	500k	16.35M	16.338M	15.675M	16.382M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.85M	18.816M	19.05M	18.866M
2437MHz	Pass	500k	18.925M	18.891M	19.025M	18.891M
2462MHz	Pass	500k	19.1M	18.966M	18.55M	18.966M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.4M	37.631M	38.05M	37.681M
2437MHz	Pass	500k	38.2M	37.681M	38.1M	37.881M
2452MHz	Pass	500k	38.15M	37.681M	37.15M	37.631M

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**

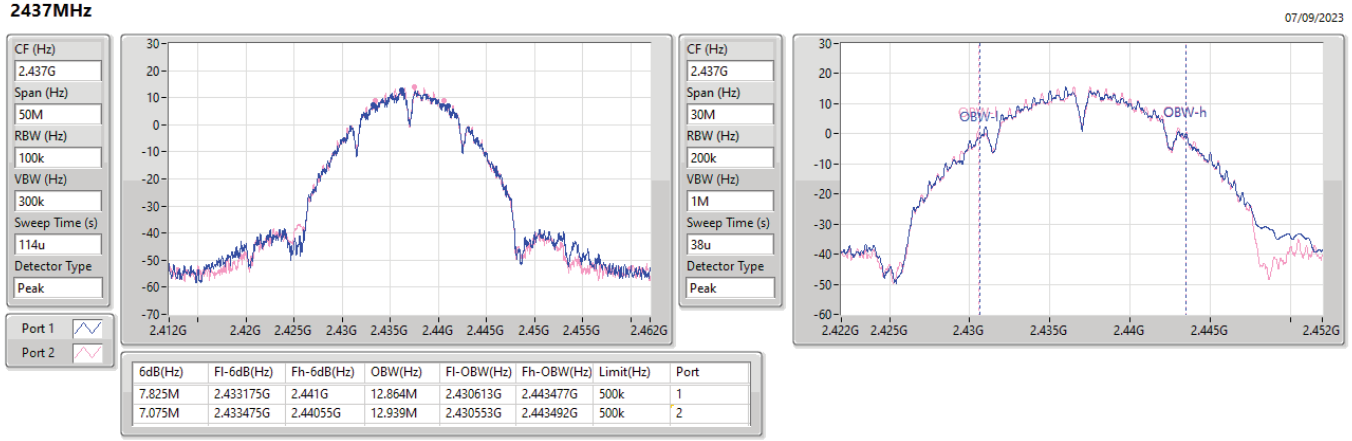
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.7M	2.40835G	2.41605G	12.834M	2.405673G	2.418507G	500k	1
7.6M	2.408175G	2.415775G	12.849M	2.405658G	2.418507G	500k	2

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

2437MHz

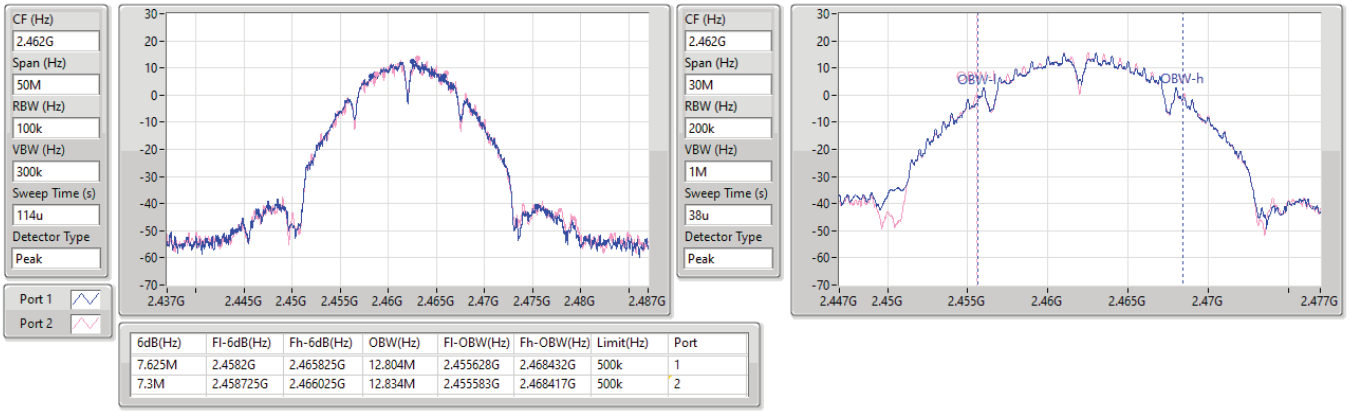


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.825M	2.433175G	2.441G	12.864M	2.430613G	2.443477G	500k	1
7.075M	2.433475G	2.44055G	12.939M	2.430553G	2.443492G	500k	2

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

2462MHz

07/09/2023

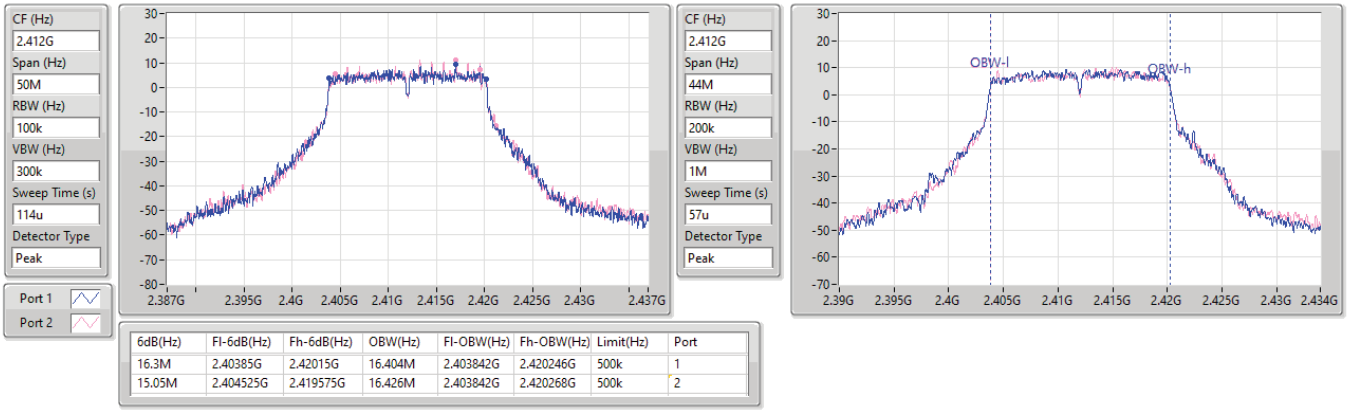


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.625M	2.4582G	2.465825G	12.804M	2.455628G	2.468432G	500k	1
7.3M	2.458725G	2.466025G	12.834M	2.455583G	2.468417G	500k	2

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

2412MHz

07/09/2023

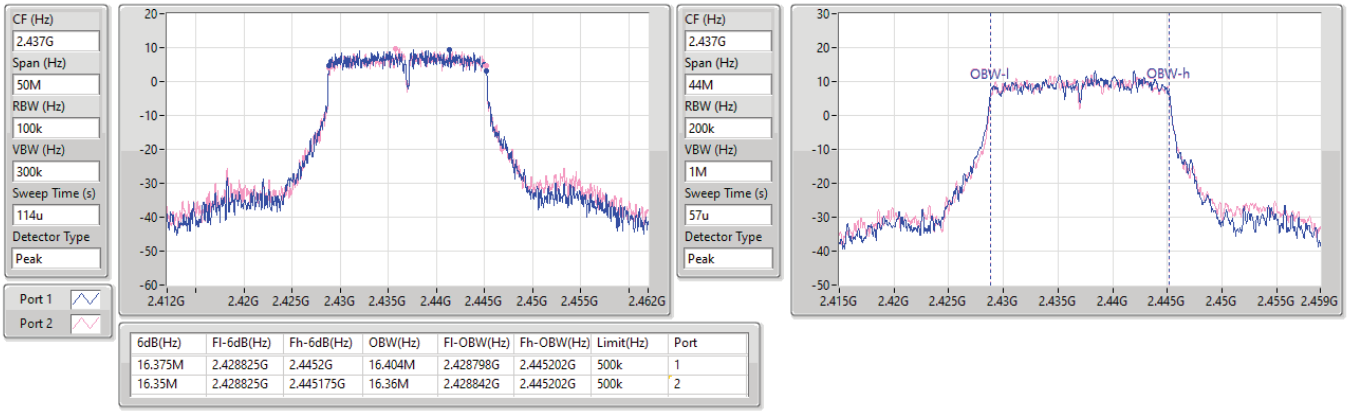


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	16.404M	2.403842G	2.420246G	500k	1
15.05M	2.404525G	2.419575G	16.426M	2.403842G	2.420268G	500k	2

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

2437MHz

07/09/2023

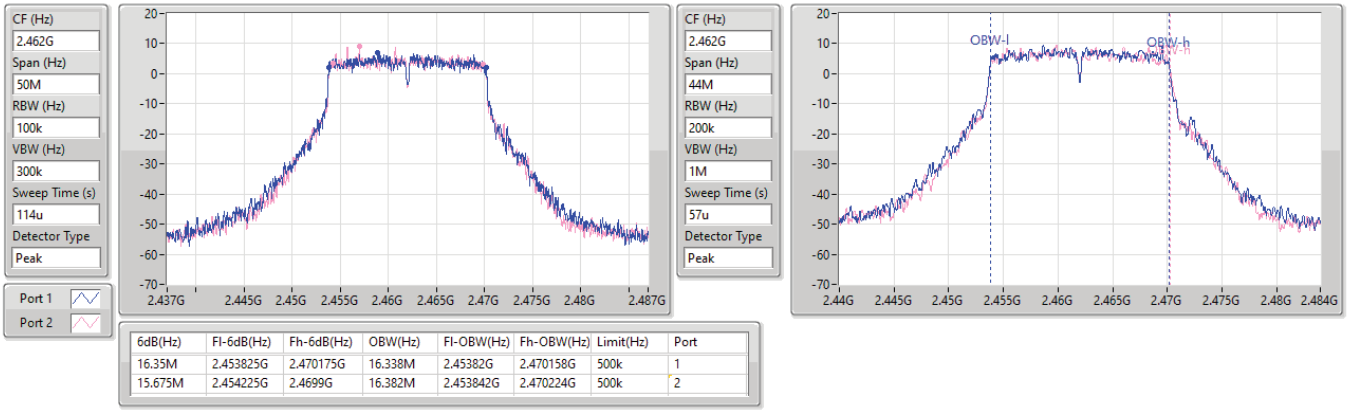


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.375M	2.428825G	2.4452G	16.404M	2.428798G	2.445202G	500k	1
16.35M	2.428825G	2.445175G	16.36M	2.428842G	2.445202G	500k	2

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

2462MHz

07/09/2023

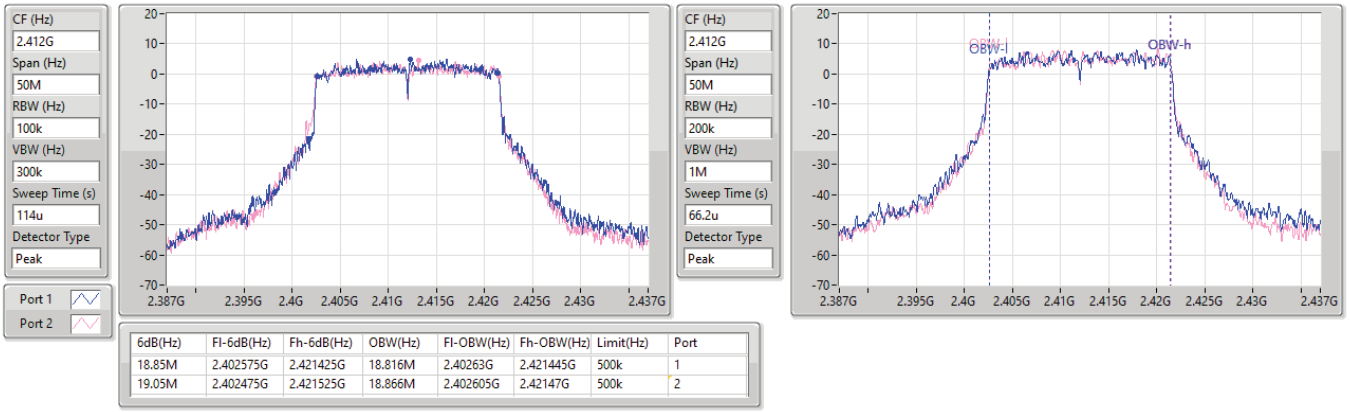


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.453825G	2.470175G	16.338M	2.45382G	2.470158G	500k	1
15.675M	2.454225G	2.4699G	16.382M	2.453842G	2.470224G	500k	2

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

2412MHz

07/09/2023

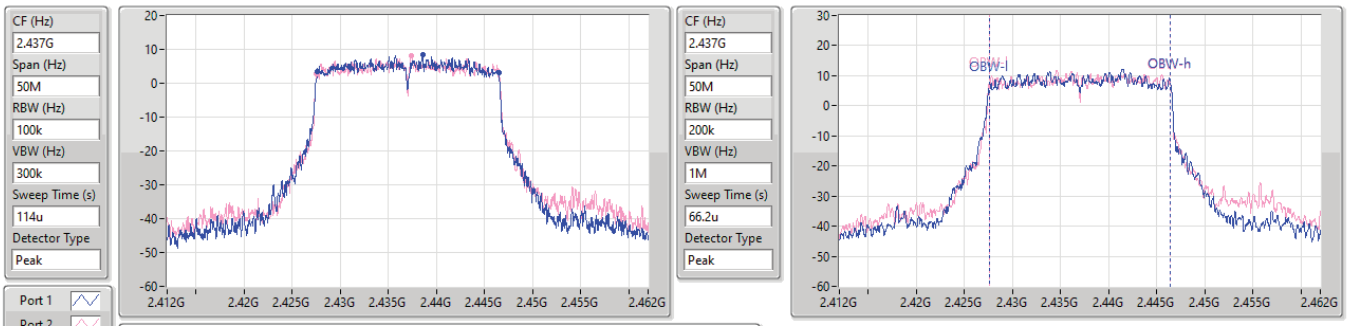


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.85M	2.402575G	2.421425G	18.816M	2.40263G	2.421445G	500k	1
19.05M	2.402475G	2.421525G	18.866M	2.402605G	2.42147G	500k	2

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

2437MHz

07/09/2023

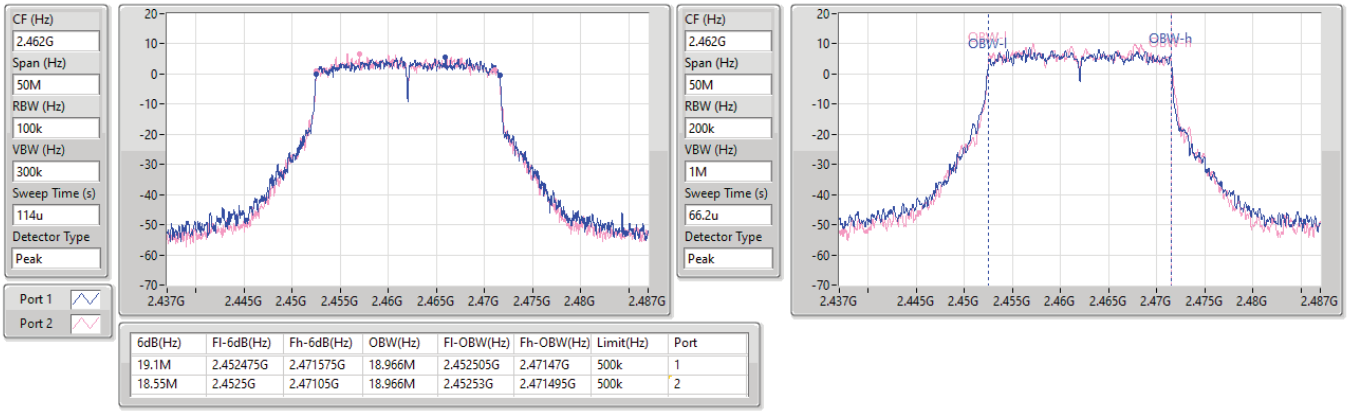


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.427575G	2.4465G	18.891M	2.427555G	2.446445G	500k	1
19.025M	2.4275G	2.446525G	18.891M	2.427555G	2.446445G	500k	2

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

2462MHz

07/09/2023

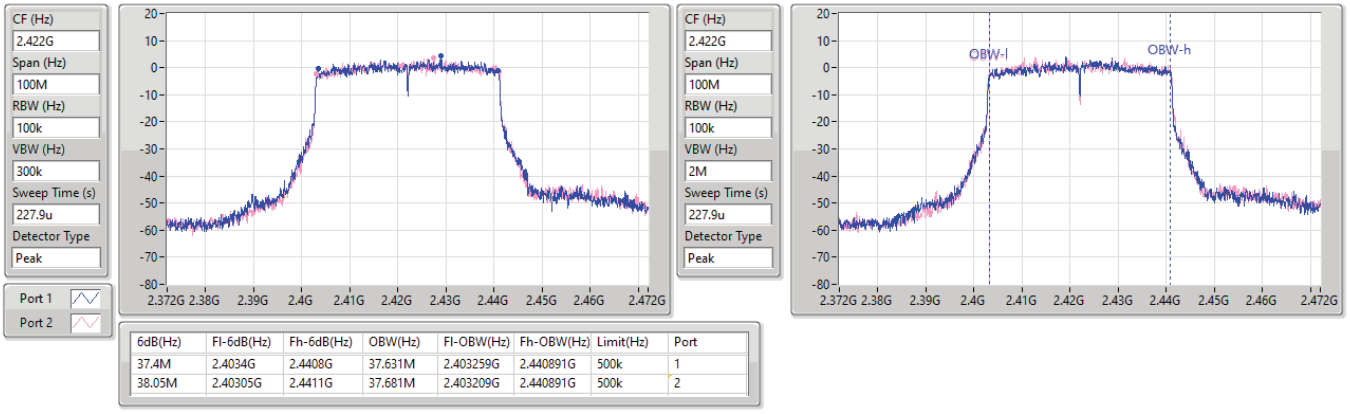


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.1M	2.452475G	2.471575G	18.966M	2.452505G	2.47147G	500k	1
18.55M	2.4525G	2.47105G	18.966M	2.45253G	2.471495G	500k	2

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

2422MHz

07/09/2023

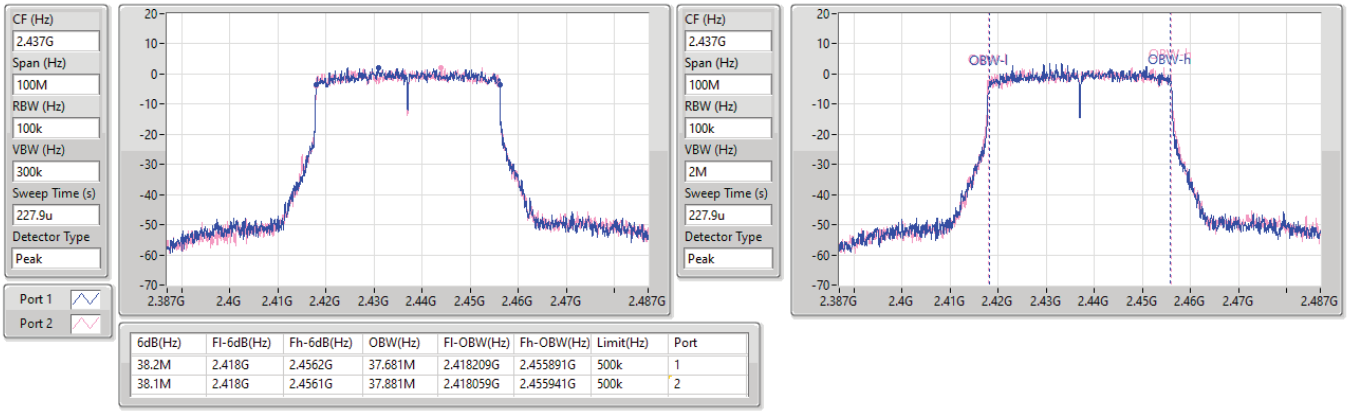


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.4M	2.4034G	2.4408G	37.631M	2.403259G	2.440891G	500k	1
38.05M	2.40305G	2.4411G	37.681M	2.403209G	2.440891G	500k	2

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

2437MHz

07/09/2023

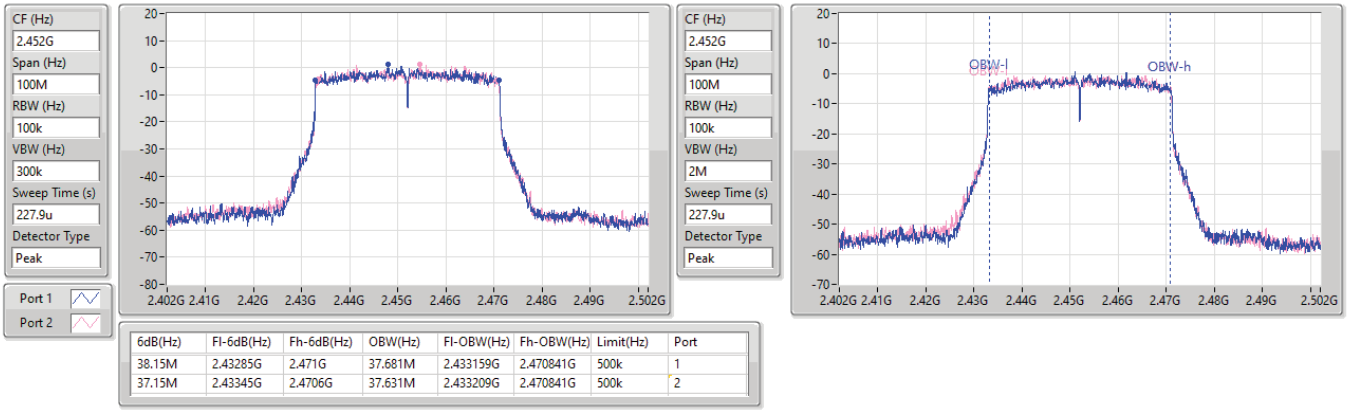


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.2M	2.418G	2.4562G	37.681M	2.418209G	2.455891G	500k	1
38.1M	2.418G	2.4561G	37.881M	2.418059G	2.455941G	500k	2

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

2452MHz

04/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.15M	2.43285G	2.471G	37.681M	2.433159G	2.470841G	500k	1
37.15M	2.43345G	2.4706G	37.631M	2.433209G	2.470841G	500k	2

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	8.025M	12.969M	13M0G1D	7.225M	12.849M
802.11g_Nss1,(6Mbps)_2TX	16.375M	16.382M	16M4D1D	16.325M	16.338M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.025M	18.891M	18M9D1D	14.375M	18.766M
802.11ax HEW40_Nss1,(MCS0)_2TX	38M	37.731M	37M7D1D	33.3M	37.481M

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

Result

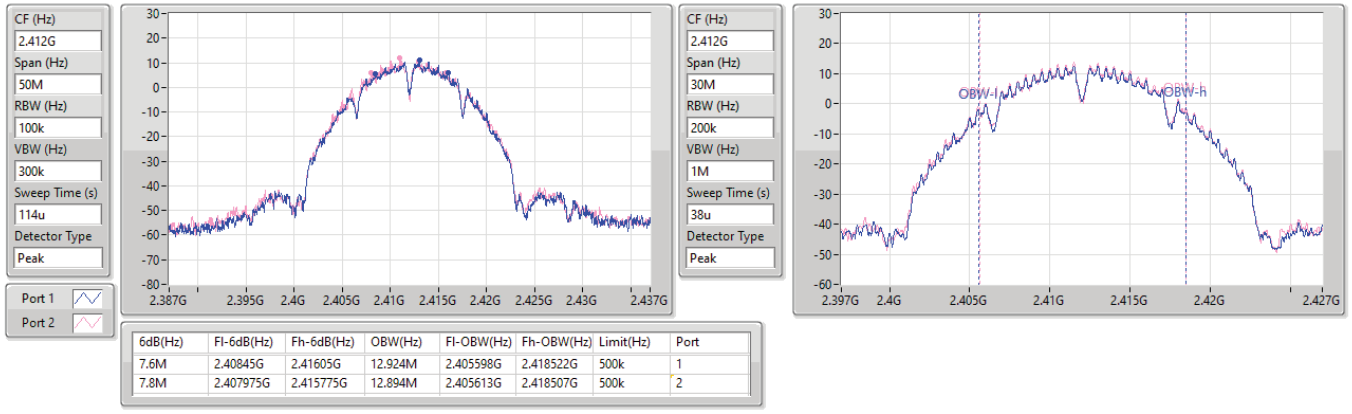
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.6M	12.924M	7.8M	12.894M
2437MHz	Pass	500k	7.325M	12.969M	7.725M	12.954M
2462MHz	Pass	500k	7.225M	12.909M	8.025M	12.849M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	16.338M	16.375M	16.338M
2437MHz	Pass	500k	16.375M	16.382M	16.375M	16.338M
2462MHz	Pass	500k	16.325M	16.36M	16.35M	16.338M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.7M	18.766M	19M	18.816M
2437MHz	Pass	500k	19.025M	18.891M	14.375M	18.866M
2462MHz	Pass	500k	18.775M	18.841M	18.7M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.4M	37.481M	38M	37.731M
2437MHz	Pass	500k	37.9M	37.681M	37.9M	37.731M
2452MHz	Pass	500k	38M	37.581M	33.3M	37.531M

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

07/09/2023

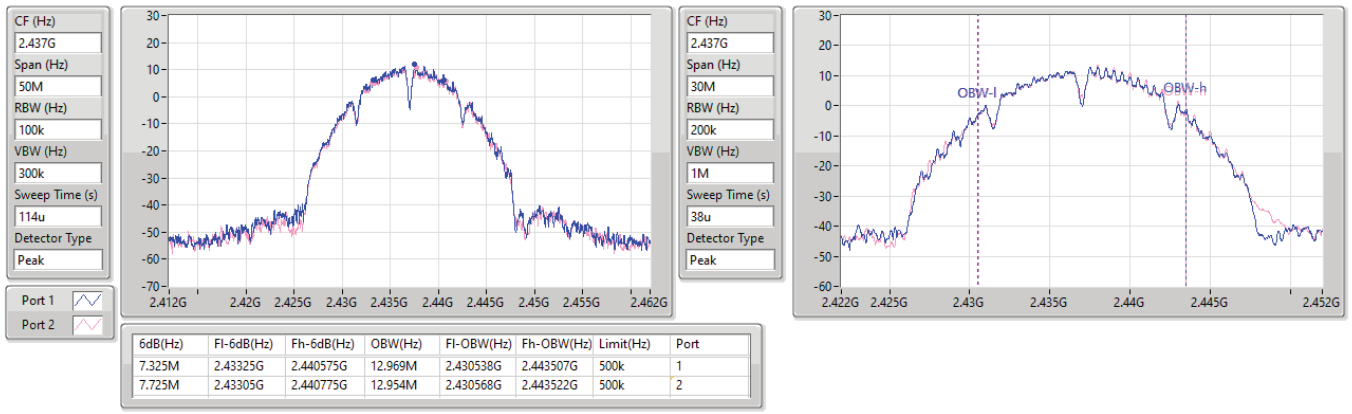


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.6M	2.40845G	2.41605G	12.924M	2.405598G	2.418522G	500k	1
7.8M	2.407975G	2.415775G	12.894M	2.405613G	2.418507G	500k	2

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

2437MHz

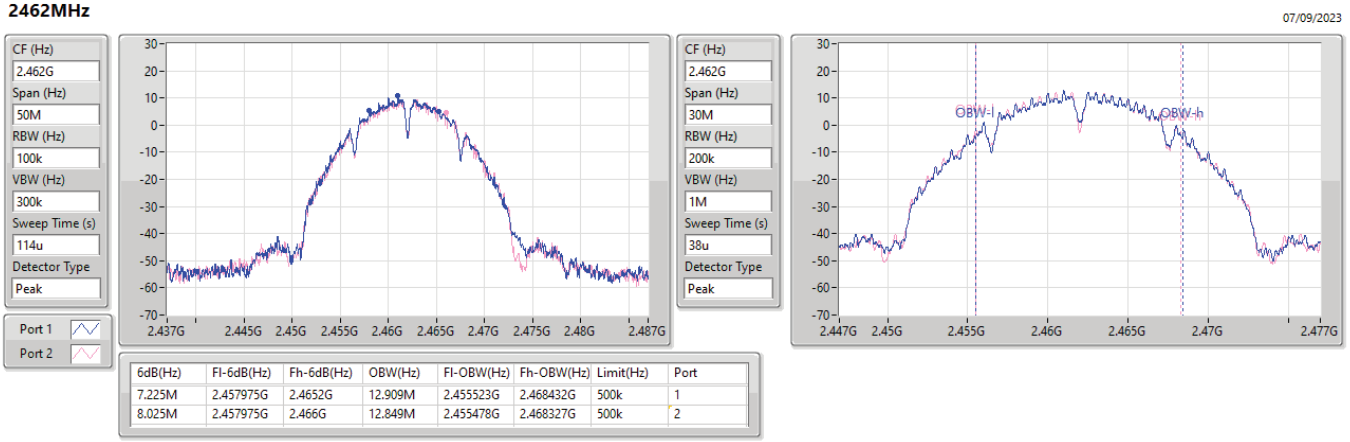
07/09/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.325M	2.43325G	2.440575G	12.969M	2.430538G	2.443507G	500k	1
7.725M	2.43305G	2.440775G	12.954M	2.430568G	2.443522G	500k	2

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

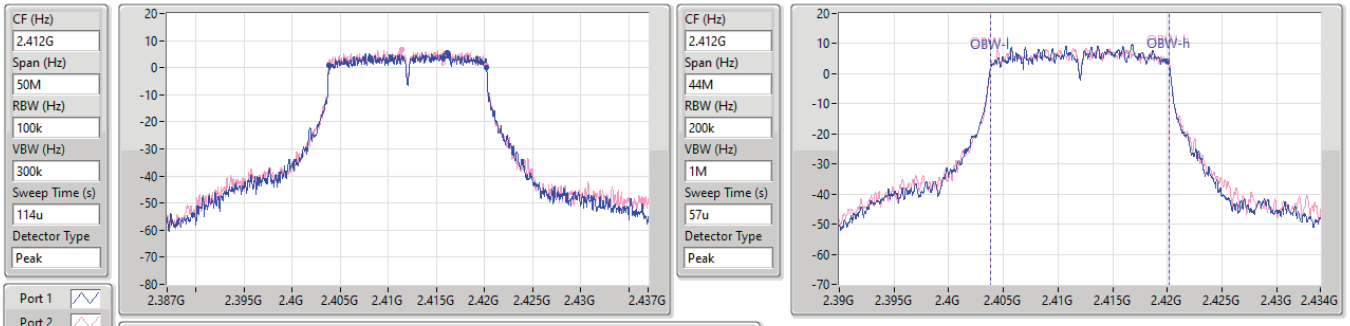
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.225M	2.457975G	2.4652G	12.909M	2.455523G	2.468432G	500k	1
8.025M	2.457975G	2.466G	12.849M	2.455478G	2.468327G	500k	2

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

2412MHz

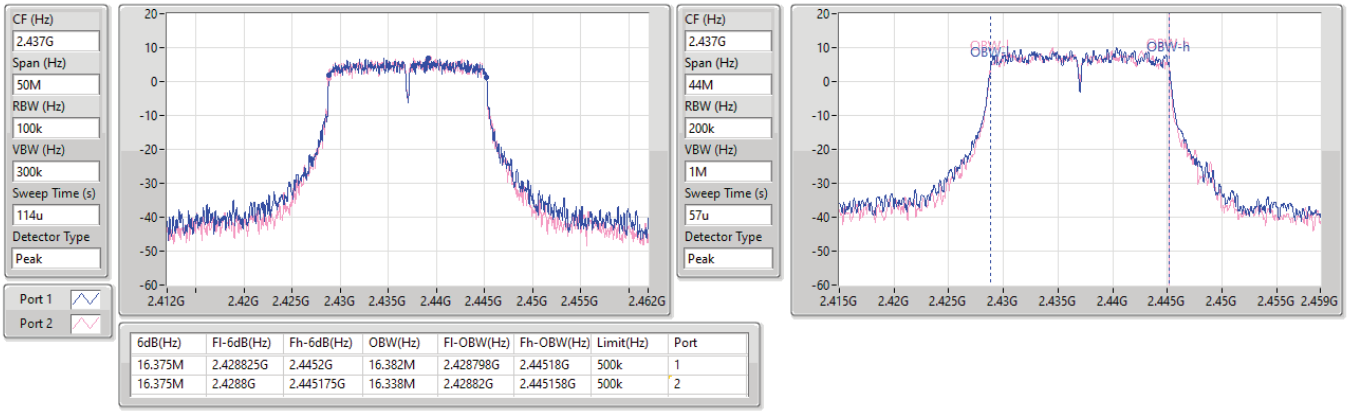


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.40385G	2.4202G	16.338M	2.403842G	2.42018G	500k	1
16.375M	2.403825G	2.4202G	16.338M	2.403842G	2.42018G	500k	2

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

2437MHz

07/09/2023

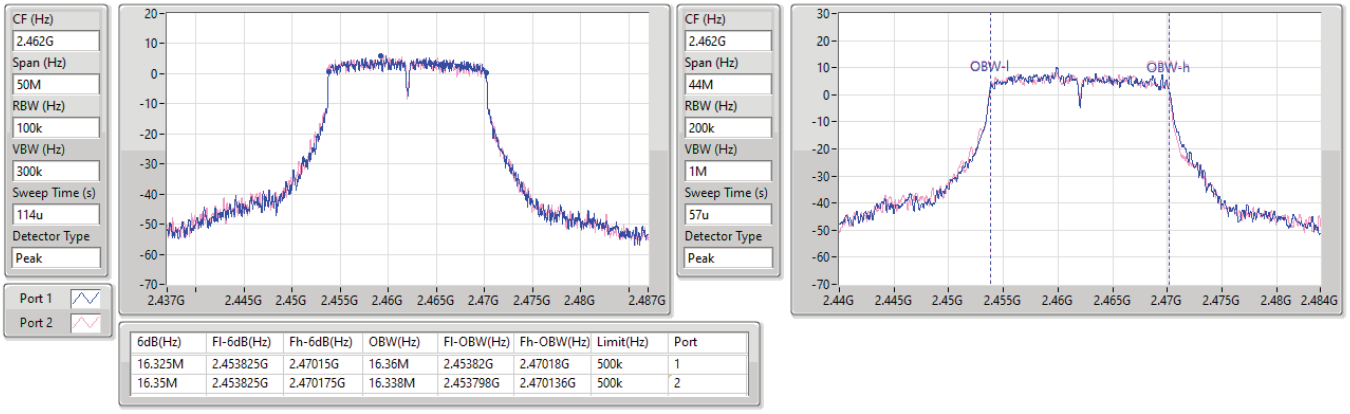


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.375M	2.428825G	2.4452G	16.382M	2.428798G	2.44518G	500k	1
16.375M	2.4288G	2.445175G	16.338M	2.42882G	2.445158G	500k	2

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

2462MHz

07/09/2023

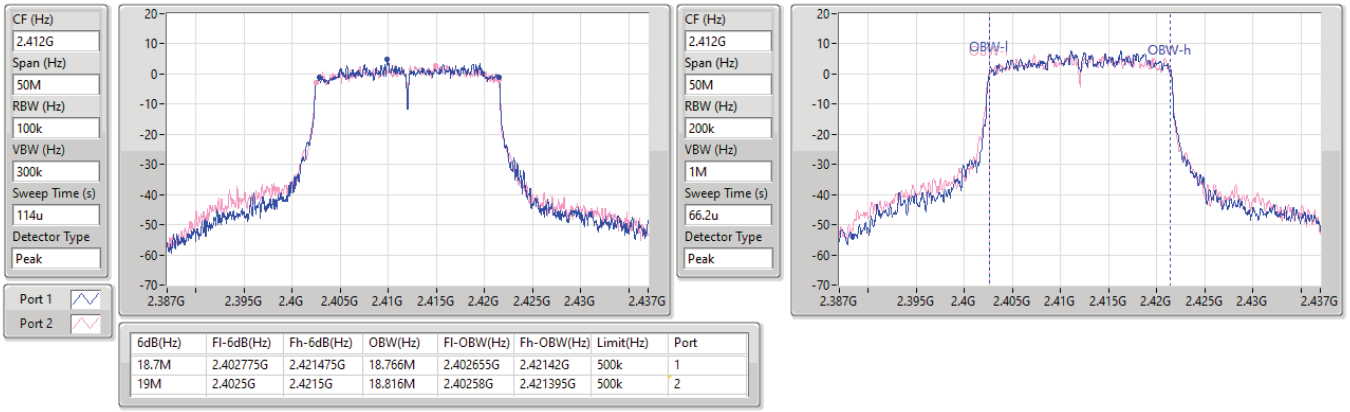


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.36M	2.45382G	2.47018G	500k	1
16.35M	2.453825G	2.470175G	16.338M	2.453798G	2.470136G	500k	2

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

2412MHz

07/09/2023

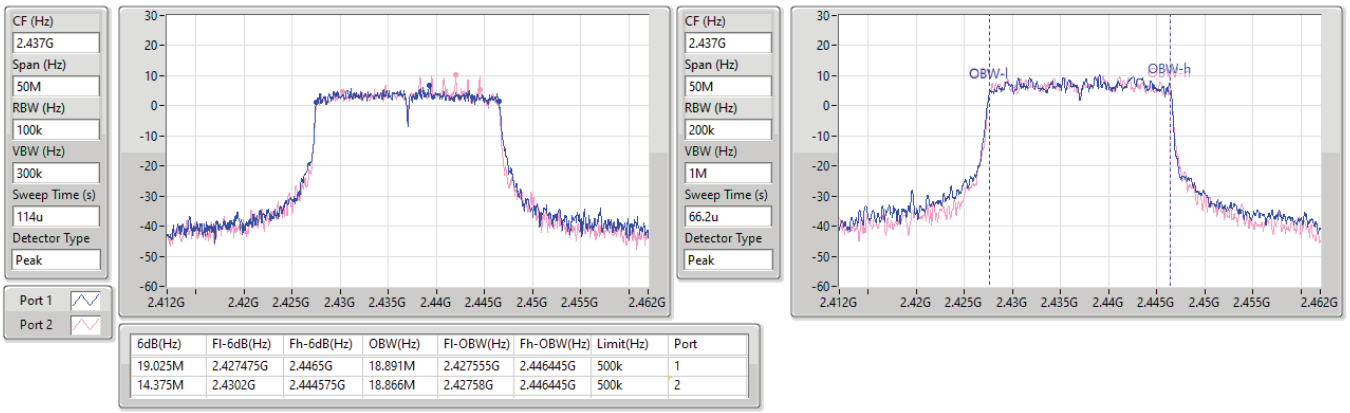


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.7M	2.402775G	2.421475G	18.766M	2.402655G	2.42142G	500k	1
19M	2.4025G	2.4215G	18.816M	2.40258G	2.421395G	500k	2

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

2437MHz

07/09/2023

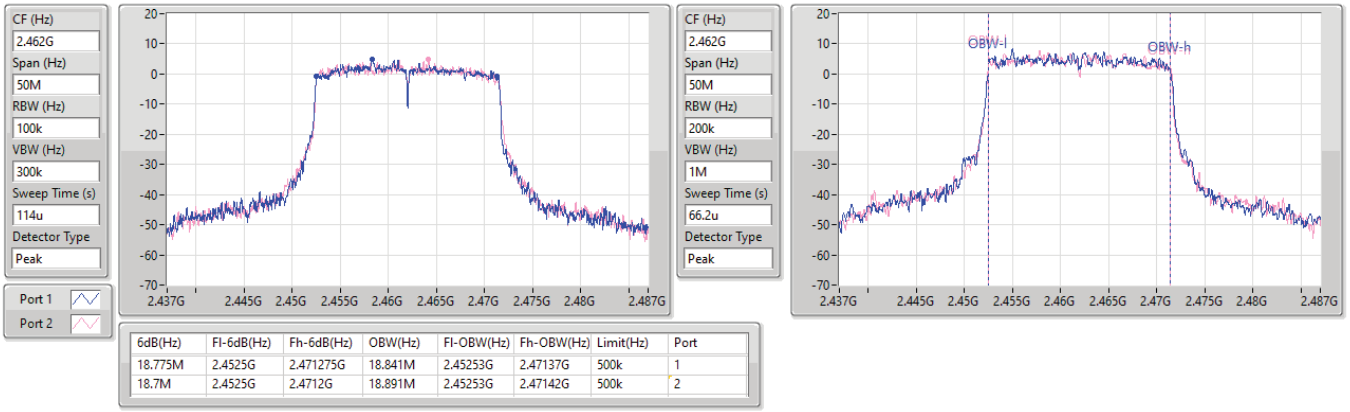


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.025M	2.427475G	2.4465G	18.891M	2.427555G	2.446445G	500k	1
14.375M	2.4302G	2.444575G	18.866M	2.42758G	2.446445G	500k	2

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

2462MHz

07/09/2023

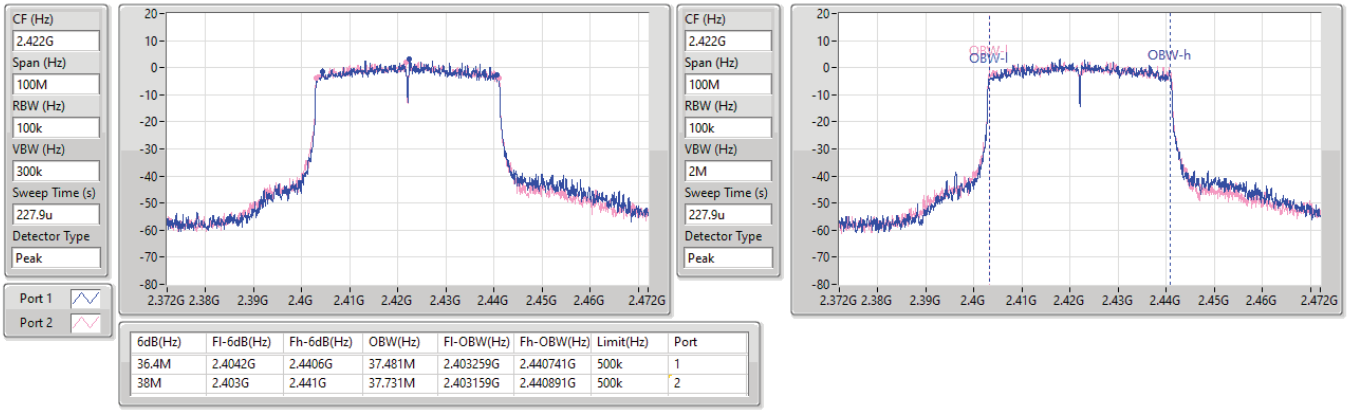


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.775M	2.4525G	2.471275G	18.841M	2.45253G	2.47137G	500k	1
18.7M	2.4525G	2.4712G	18.891M	2.45253G	2.47142G	500k	2

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

2422MHz

07/09/2023

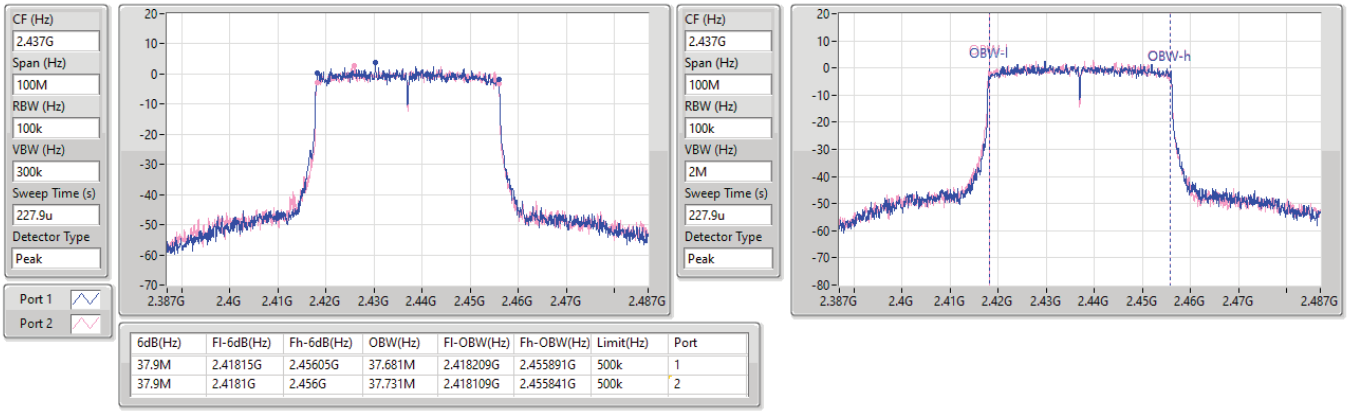


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.4M	2.4042G	2.4406G	37.481M	2.403259G	2.440741G	500k	1
38M	2.403G	2.441G	37.731M	2.403159G	2.440891G	500k	2

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

2437MHz

07/09/2023

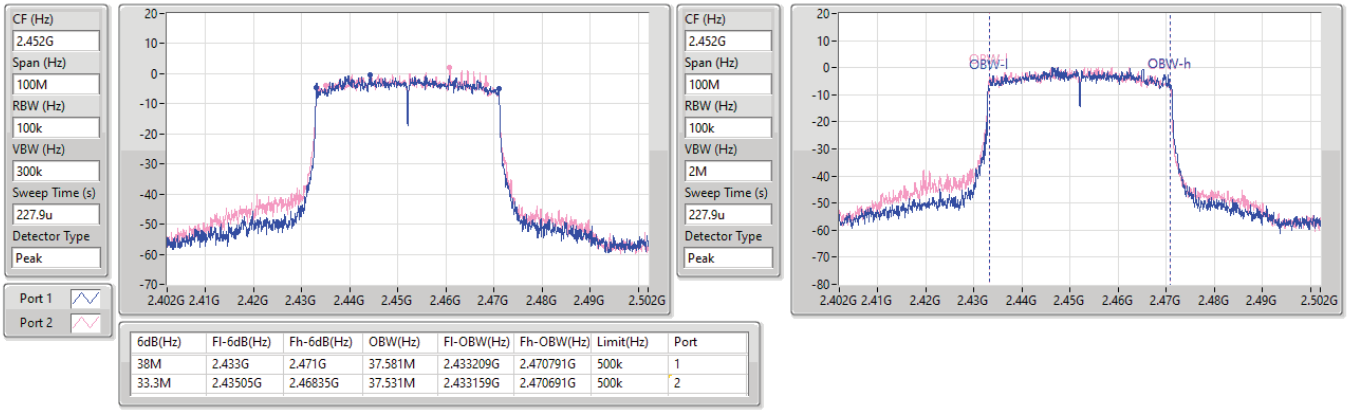


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.9M	2.41815G	2.45605G	37.681M	2.418209G	2.455891G	500k	1
37.9M	2.4181G	2.456G	37.731M	2.418109G	2.455841G	500k	2

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

2452MHz

07/09/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38M	2.433G	2.471G	37.581M	2.433209G	2.470791G	500k	1
33.3M	2.43505G	2.46835G	37.531M	2.433159G	2.470691G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	26.81	0.47973
802.11g_Nss1,(6Mbps)_2TX	26.73	0.47098
802.11ax HEW20_Nss1,(MCS0)_2TX	26.27	0.42364
802.11ax HEW40_Nss1,(MCS0)_2TX	23.95	0.24831

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.80	23.74	23.67	26.72	29.20
2437MHz	Pass	6.80	23.75	23.65	26.71	29.20
2462MHz	Pass	6.80	23.83	23.77	26.81	29.20
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.80	21.67	21.62	24.66	29.20
2417MHz	Pass	6.80	21.73	21.70	24.73	29.20
2437MHz	Pass	6.80	23.77	23.67	26.73	29.20
2457MHz	Pass	6.80	21.27	21.18	24.24	29.20
2462MHz	Pass	6.80	21.18	21.03	24.12	29.20
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.80	19.63	19.79	22.72	29.20
2417MHz	Pass	6.80	23.16	23.27	26.23	29.20
2437MHz	Pass	6.80	23.27	23.24	26.27	29.20
2457MHz	Pass	6.80	21.27	21.14	24.22	29.20
2462MHz	Pass	6.80	21.20	21.05	24.14	29.20
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.80	20.95	20.93	23.95	29.20
2437MHz	Pass	6.80	20.25	20.13	23.20	29.20
2447MHz	Pass	6.80	17.71	17.72	20.73	29.20
2452MHz	Pass	6.80	17.53	17.67	20.61	29.20

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	25.03	0.31842
802.11g_Nss1,(6Mbps)_2TX	24.86	0.30620
802.11ax HEW20_Nss1,(MCS0)_2TX	25.03	0.31842
802.11ax HEW40_Nss1,(MCS0)_2TX	23.79	0.23933

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.70	21.18	21.84	24.53	29.30
2437MHz	Pass	6.70	22.11	21.93	25.03	29.30
2462MHz	Pass	6.70	21.03	21.05	24.05	29.30
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.70	20.53	21.25	23.92	29.30
2417MHz	Pass	6.70	21.07	21.74	24.43	29.30
2437MHz	Pass	6.70	21.92	21.78	24.86	29.30
2457MHz	Pass	6.70	21.22	21.25	24.25	29.30
2462MHz	Pass	6.70	20.46	20.34	23.41	29.30
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.70	19.08	18.77	21.94	29.30
2417MHz	Pass	6.70	21.19	21.82	24.53	29.30
2437MHz	Pass	6.70	22.07	21.96	25.03	29.30
2457MHz	Pass	6.70	20.79	20.92	23.87	29.30
2462MHz	Pass	6.70	19.76	19.74	22.76	29.30
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.70	19.96	20.26	23.12	29.30
2427MHz	Pass	6.70	20.63	20.93	23.79	29.30
2437MHz	Pass	6.70	20.45	20.33	23.40	29.30
2447MHz	Pass	6.70	17.95	17.92	20.95	29.30
2452MHz	Pass	6.70	17.65	17.72	20.70	29.30

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	25.66	0.36813
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.83	0.24155

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	9.81	19.51	19.66	22.60	26.19
2417MHz	Pass	9.81	22.51	22.65	25.59	26.19
2437MHz	Pass	9.81	22.65	22.64	25.66	26.19
2457MHz	Pass	9.81	21.13	21.02	24.09	26.19
2462MHz	Pass	9.81	21.06	20.94	24.01	26.19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	9.81	20.81	20.82	23.83	26.19
2437MHz	Pass	9.81	20.13	20.01	23.08	26.19
2447MHz	Pass	9.81	17.61	17.57	20.60	26.19
2452MHz	Pass	9.81	17.43	17.57	20.51	26.19

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	24.91	0.30974
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.67	0.23281

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	9.66	18.98	18.66	21.83	26.34
2417MHz	Pass	9.66	21.08	21.72	24.42	26.34
2437MHz	Pass	9.66	21.94	21.86	24.91	26.34
2457MHz	Pass	9.66	20.68	20.79	23.75	26.34
2462MHz	Pass	9.66	19.63	19.59	22.62	26.34
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	9.66	19.85	20.12	23.00	26.34
2427MHz	Pass	9.66	20.53	20.79	23.67	26.34
2437MHz	Pass	9.66	20.34	20.23	23.30	26.34
2447MHz	Pass	9.66	17.82	17.79	20.82	26.34
2452MHz	Pass	9.66	17.56	17.59	20.59	26.34

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	3.40
802.11g_Nss1,(6Mbps)_2TX	-2.73
802.11ax HEW20_Nss1,(MCS0)_2TX	-2.98
802.11ax HEW40_Nss1,(MCS0)_2TX	-6.06

RBW = 3kHz;

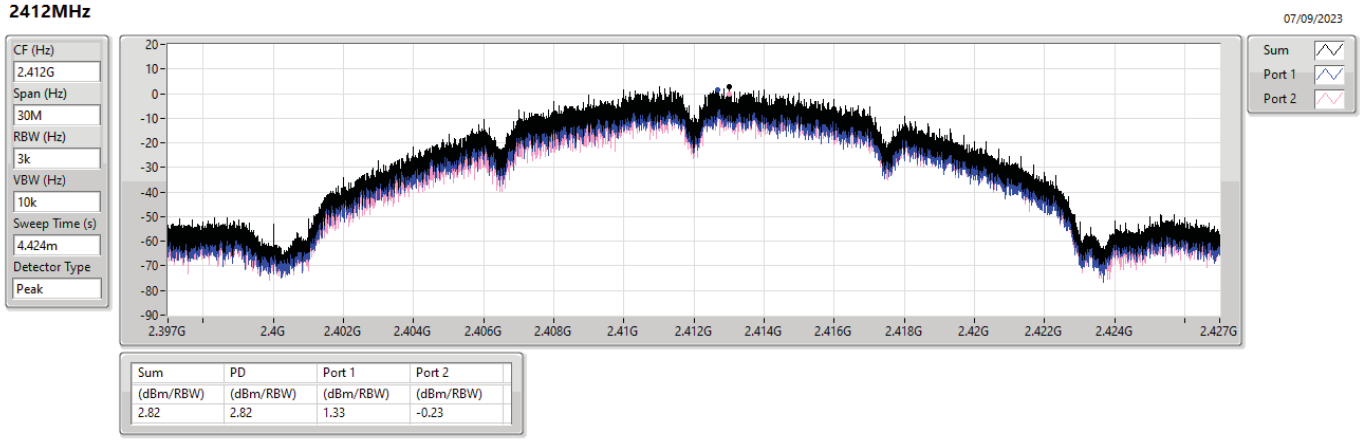
Result

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	9.81	1.33	-0.23	2.82	4.19
2437MHz	Pass	9.81	0.88	-0.18	3.39	4.19
2462MHz	Pass	9.81	0.35	0.42	3.40	4.19
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.81	-5.63	-6.78	-4.28	4.19
2437MHz	Pass	9.81	-5.29	-4.96	-2.73	4.19
2462MHz	Pass	9.81	-7.77	-7.32	-5.47	4.19
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.81	-6.82	-7.88	-5.93	4.19
2437MHz	Pass	9.81	-5.21	-4.43	-2.98	4.19
2462MHz	Pass	9.81	-6.51	-6.10	-4.14	4.19
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	9.81	-8.11	-9.57	-6.06	4.19
2437MHz	Pass	9.81	-9.59	-8.44	-7.72	4.19
2452MHz	Pass	9.81	-10.95	-12.10	-10.15	4.19

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**

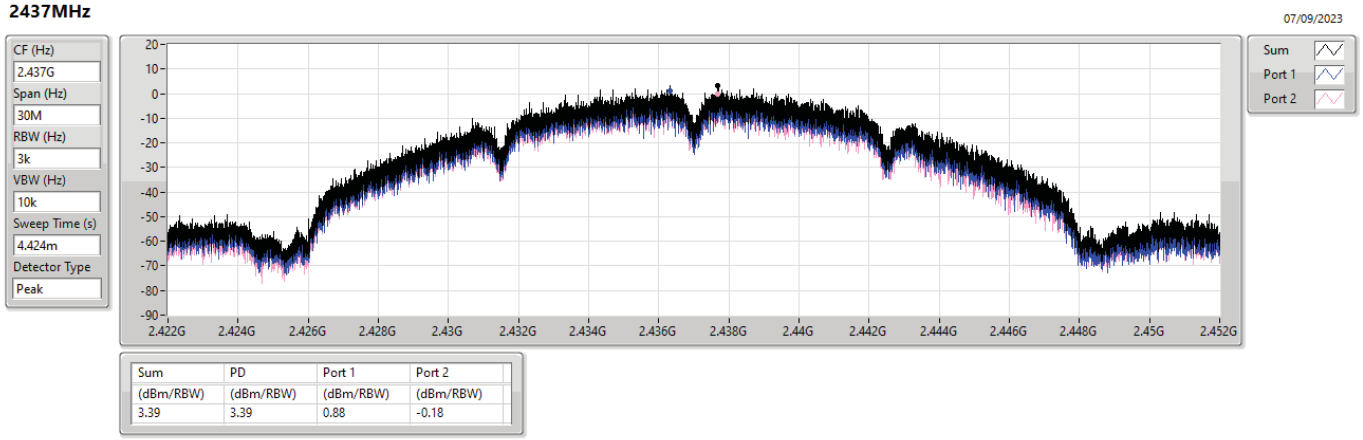
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.82	2.82	1.33	-0.23

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

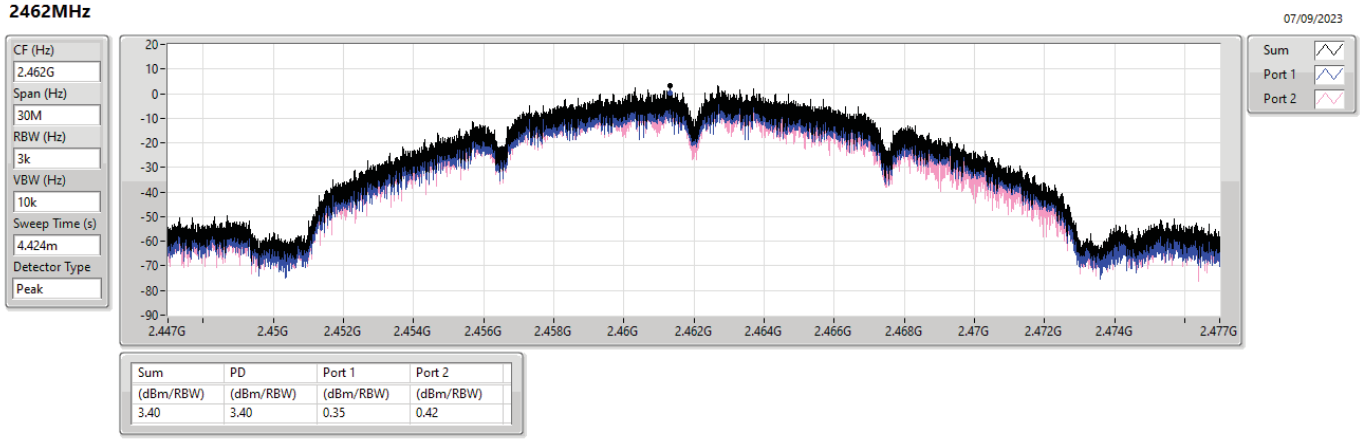
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.39	3.39	0.88	-0.18

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

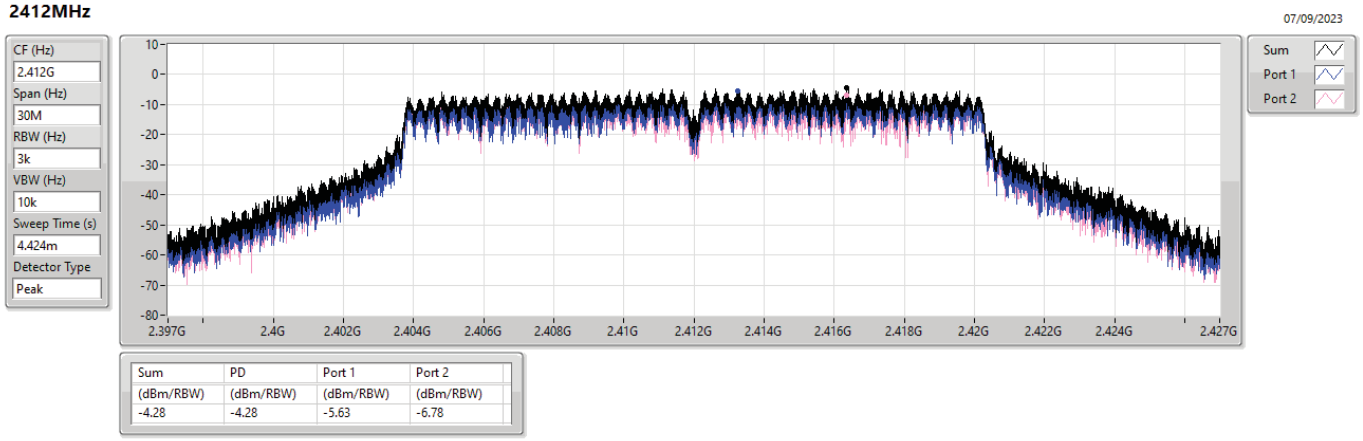
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.40	3.40	0.35	0.42

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

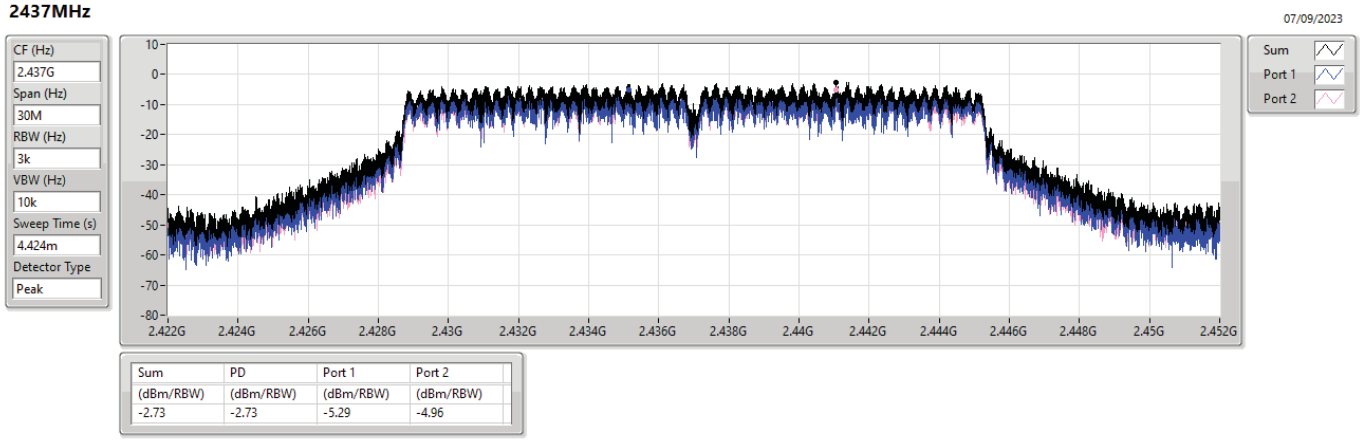
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.28	-4.28	-5.63	-6.78

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

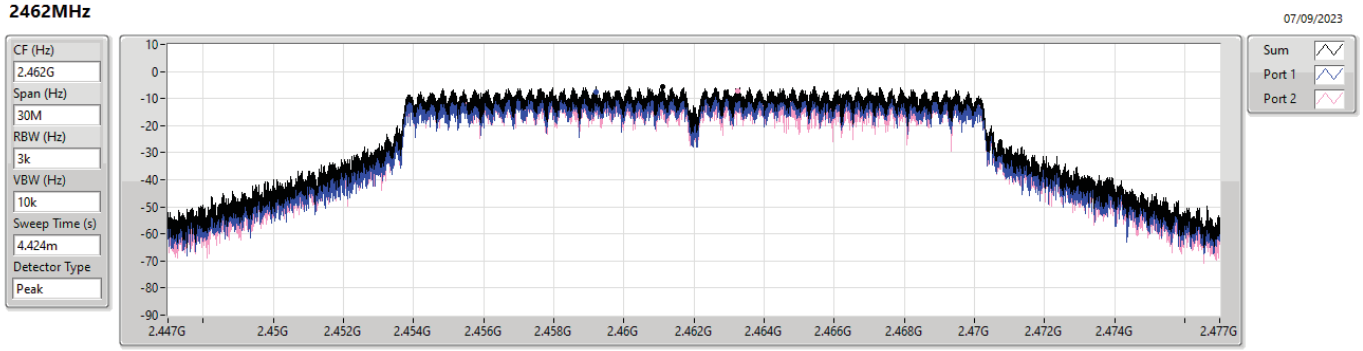
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.73	-2.73	-5.29	-4.96

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

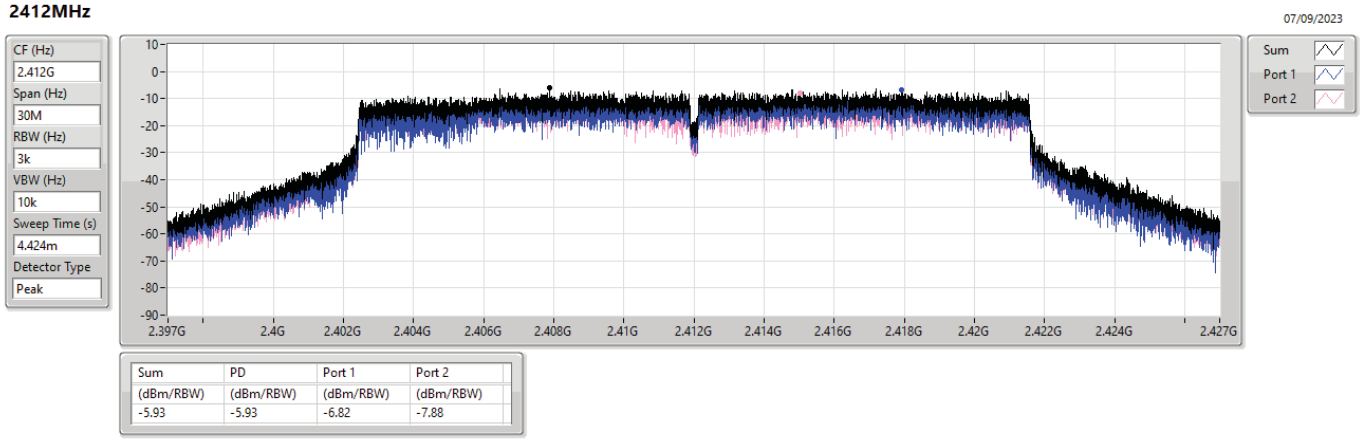
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.47	-5.47	-7.77	-7.32

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

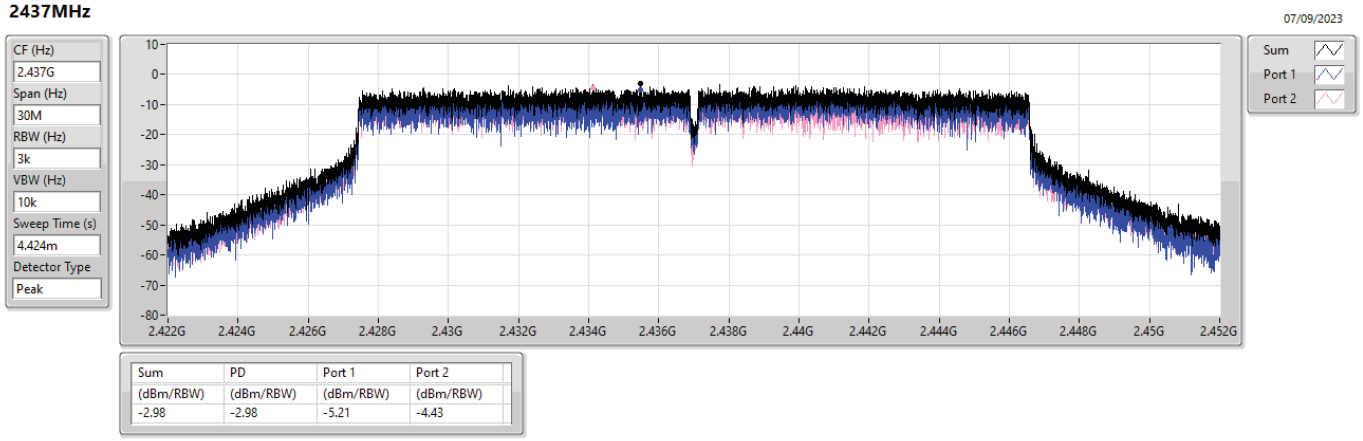
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.93	-5.93	-6.82	-7.88

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

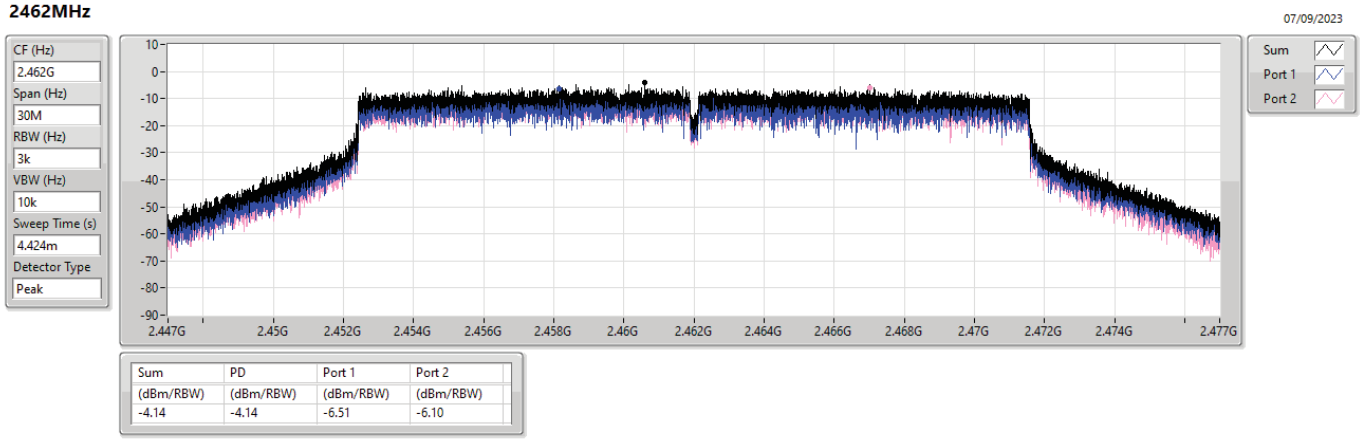
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.98	-2.98	-5.21	-4.43

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

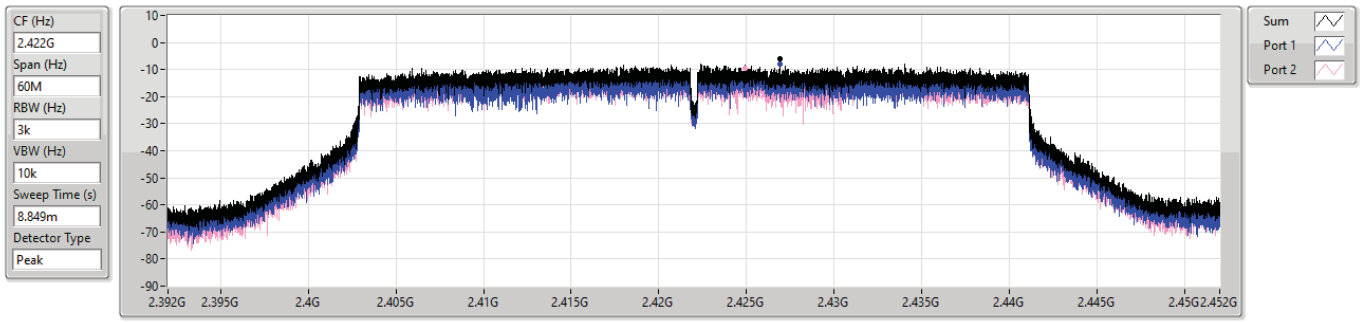
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.14	-4.14	-6.51	-6.10

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

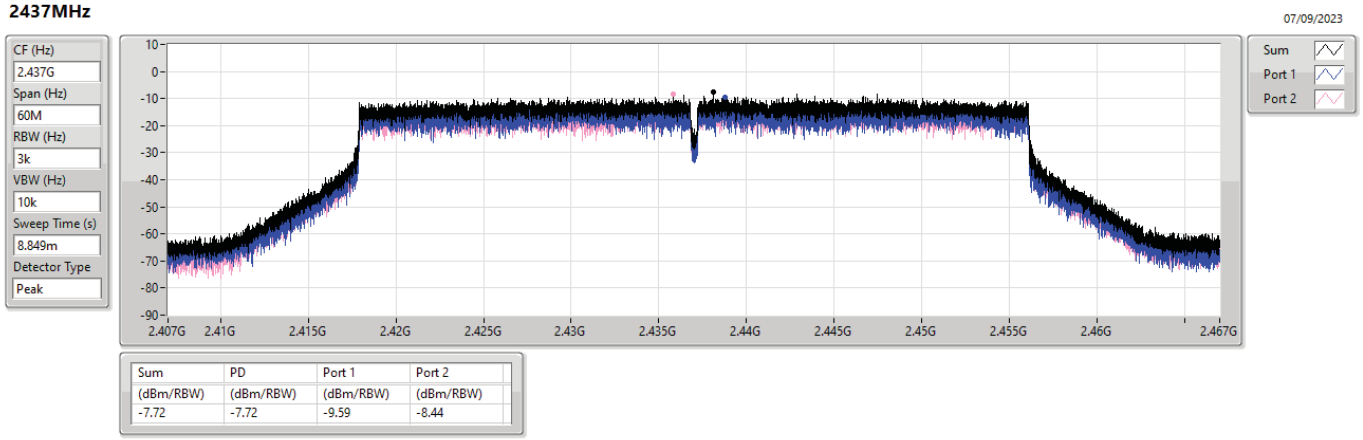
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.06	-6.06	-8.11	-9.57

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

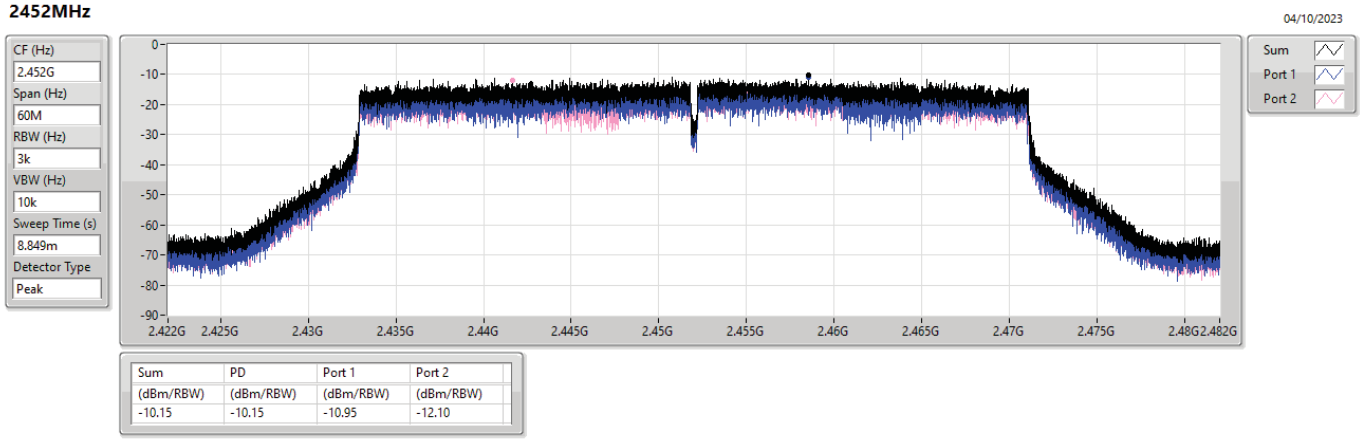
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.72	-7.72	-9.59	-8.44

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)
-10.15	-10.15	-10.95	-12.10

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.70
802.11g_Nss1,(6Mbps)_2TX	-4.58
802.11ax HEW20_Nss1,(MCS0)_2TX	-3.58
802.11ax HEW40_Nss1,(MCS0)_2TX	-7.89

RBW = 3kHz;

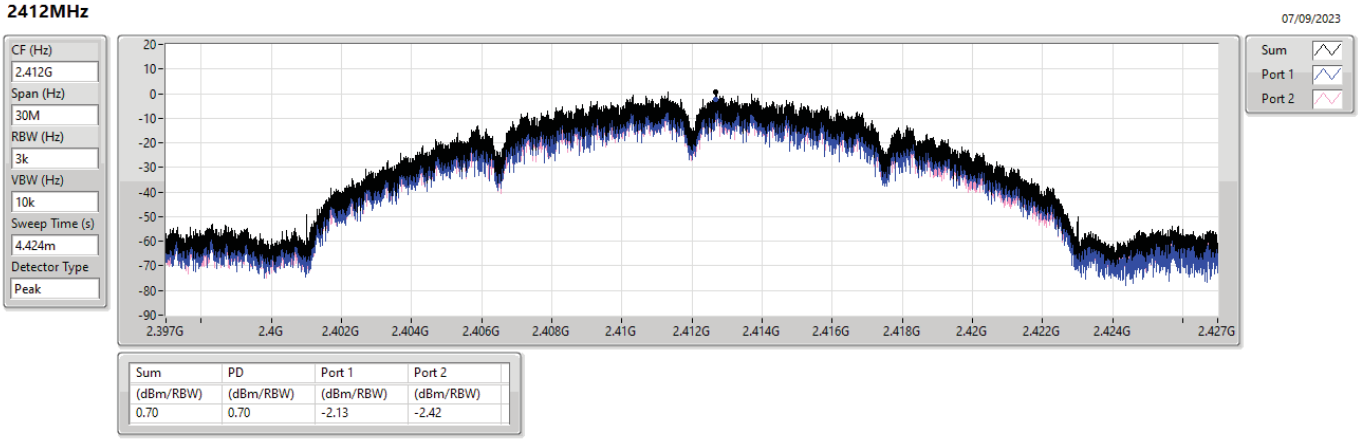
Result

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	9.66	-2.13	-2.42	0.70	4.34
2437MHz	Pass	9.66	-2.22	-1.34	0.70	4.34
2462MHz	Pass	9.66	-2.99	-2.36	0.28	4.34
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.66	-8.89	-6.57	-5.12	4.34
2437MHz	Pass	9.66	-6.03	-7.62	-4.58	4.34
2462MHz	Pass	9.66	-8.20	-8.64	-6.35	4.34
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.66	-8.18	-9.54	-7.34	4.34
2437MHz	Pass	9.66	-5.22	-5.99	-3.58	4.34
2462MHz	Pass	9.66	-6.98	-8.04	-6.01	4.34
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	9.66	-10.45	-8.66	-7.89	4.34
2437MHz	Pass	9.66	-9.15	-9.48	-7.89	4.34
2452MHz	Pass	9.66	-11.68	-12.36	-10.84	4.34

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**

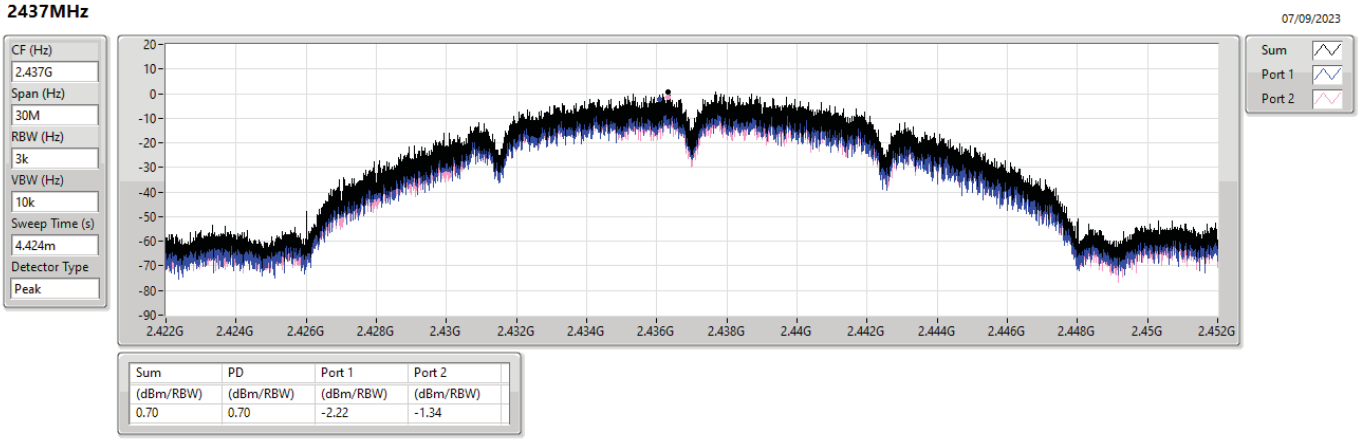
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.70	0.70	-2.13	-2.42

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

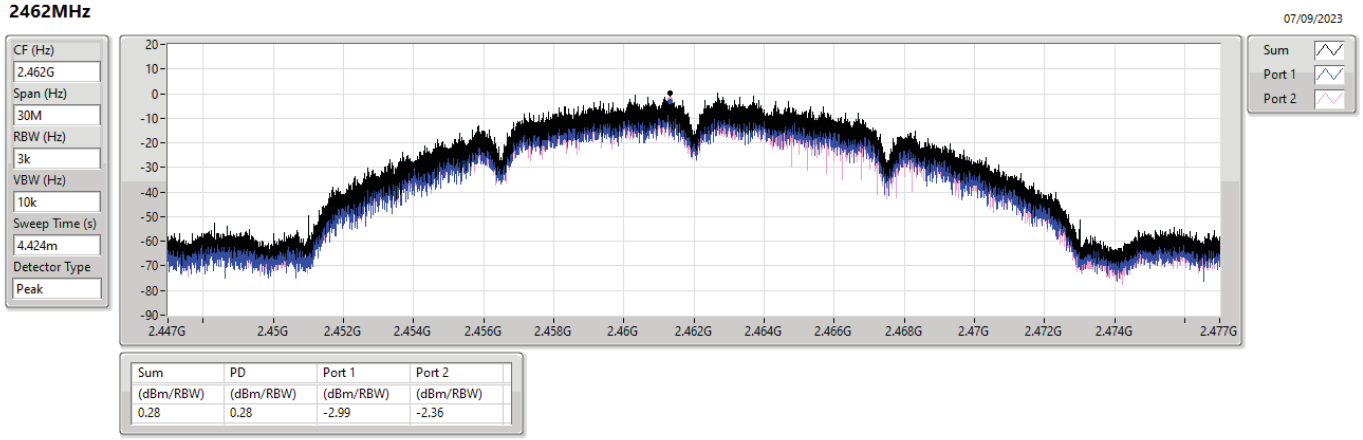
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.70	0.70	-2.22	-1.34

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

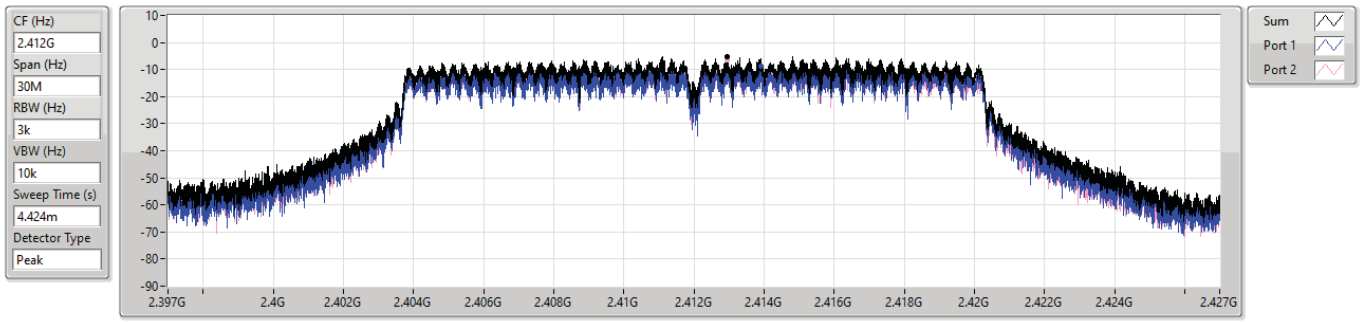
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.28	0.28	-2.99	-2.36

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

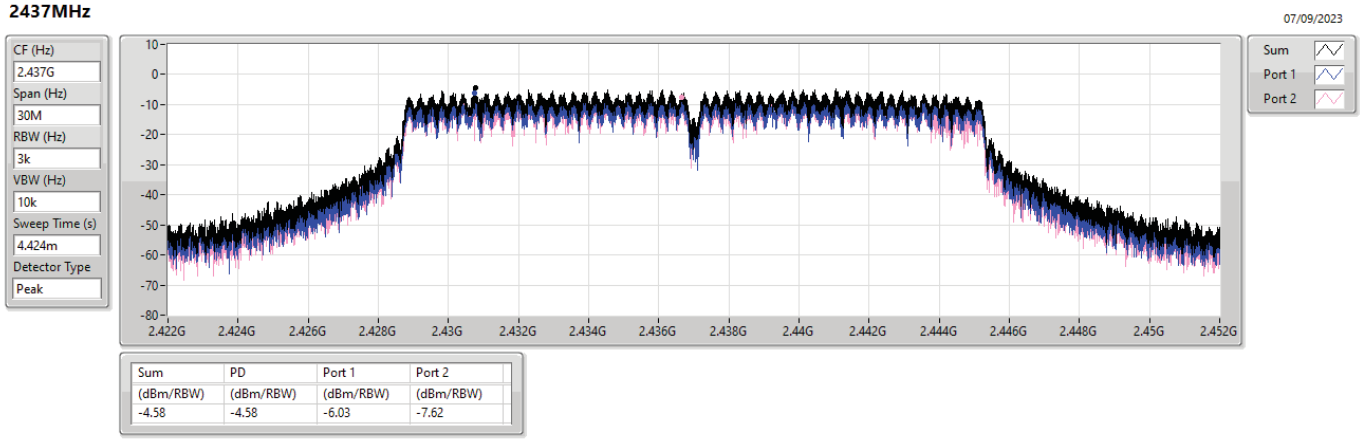
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.12	-5.12	-8.89	-6.57

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

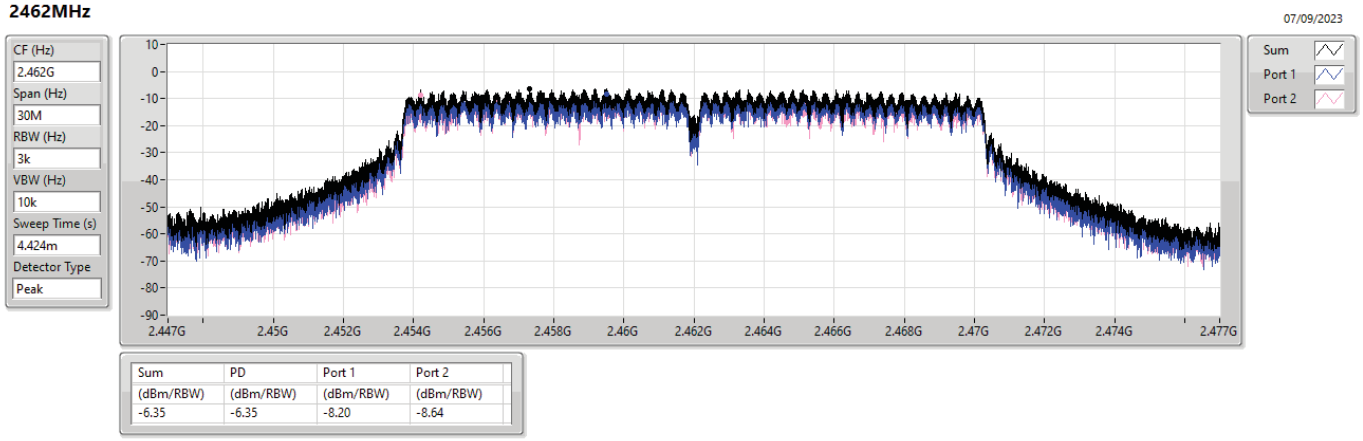
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.58	-4.58	-6.03	-7.62

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

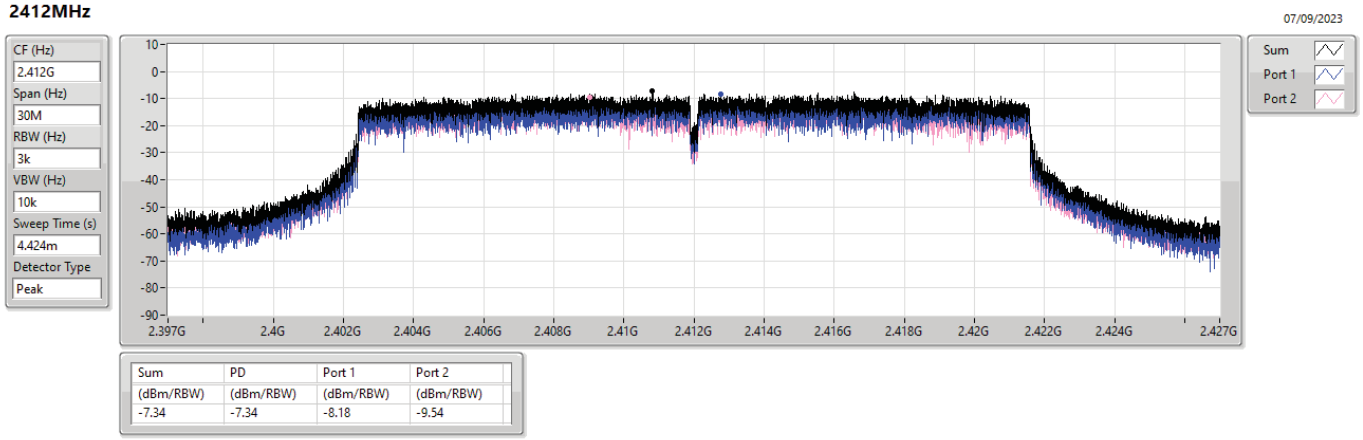
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.35	-6.35	-8.20	-8.64

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

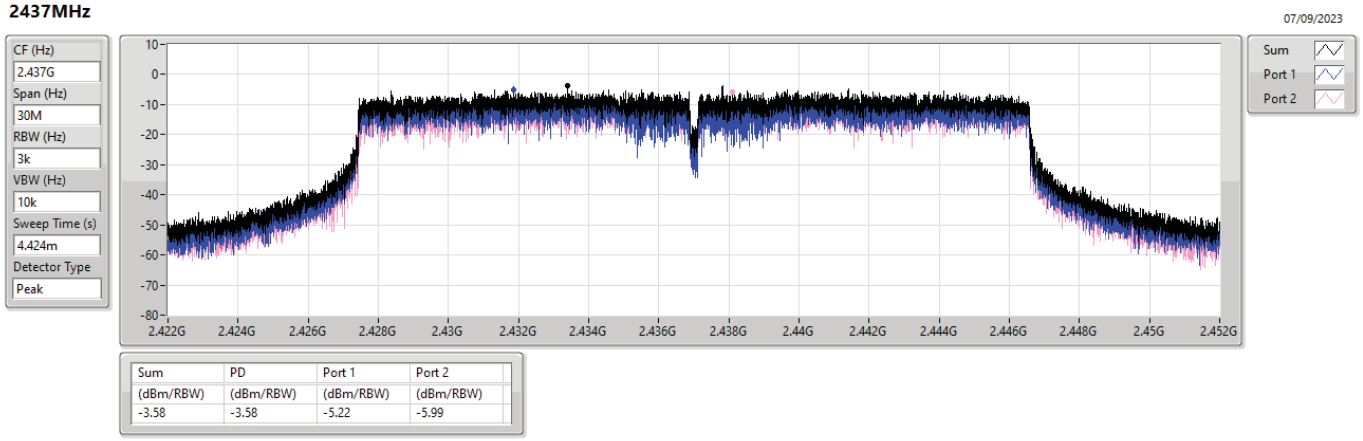
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.34	-7.34	-8.18	-9.54

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

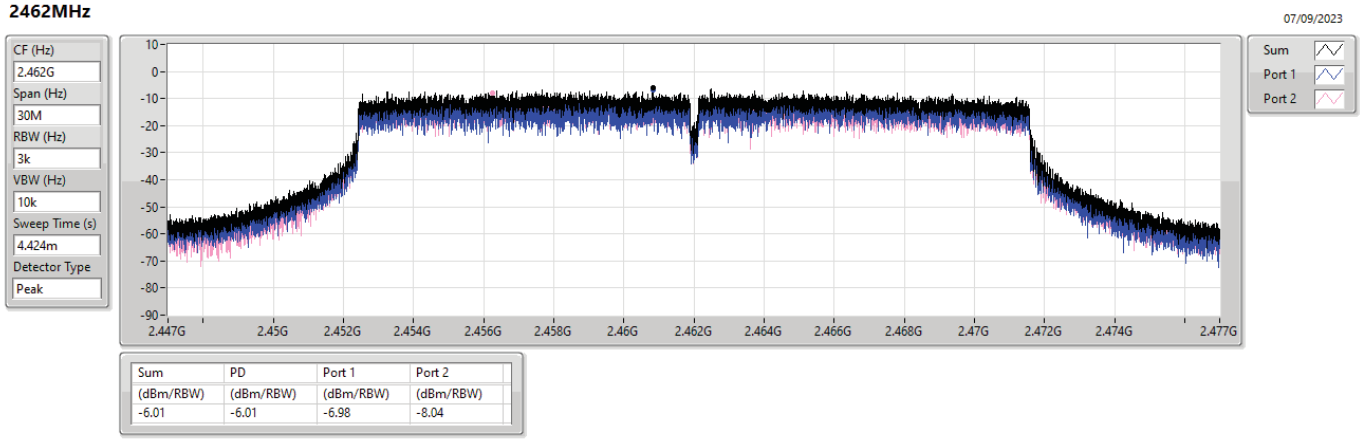
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.58	-3.58	-5.22	-5.99

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

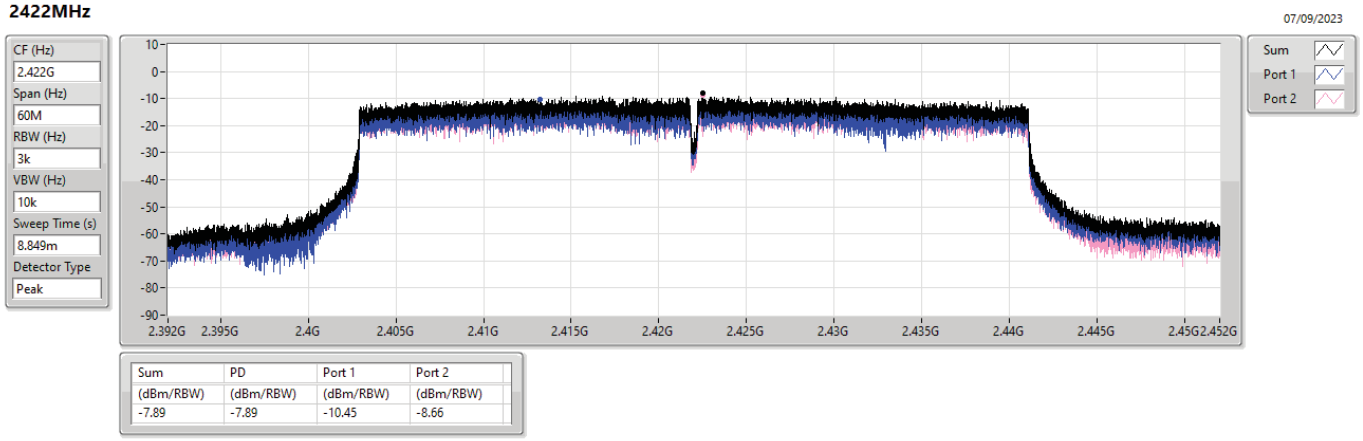
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.01	-6.01	-6.98	-8.04

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

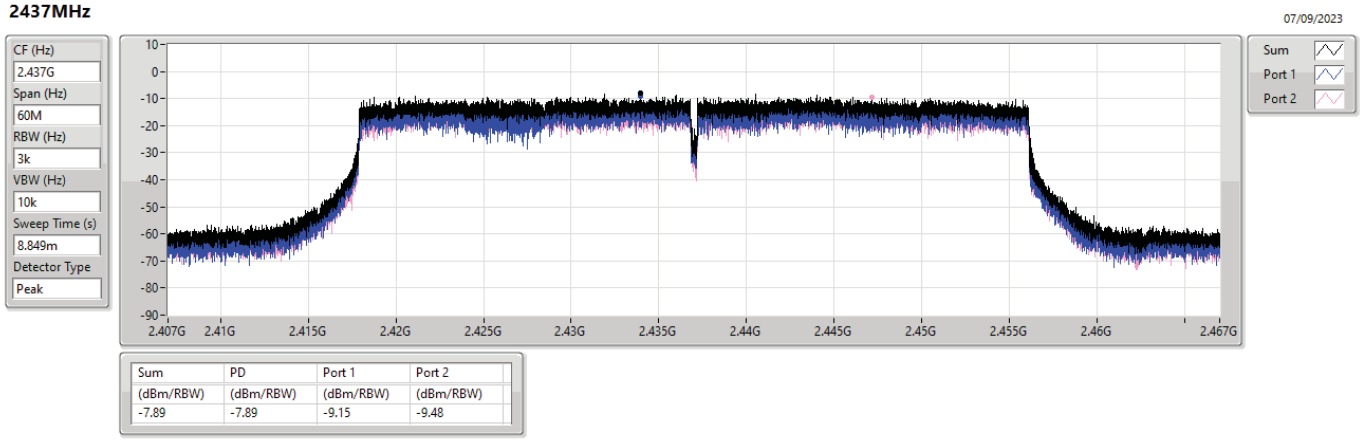
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.89	-7.89	-10.45	-8.66

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

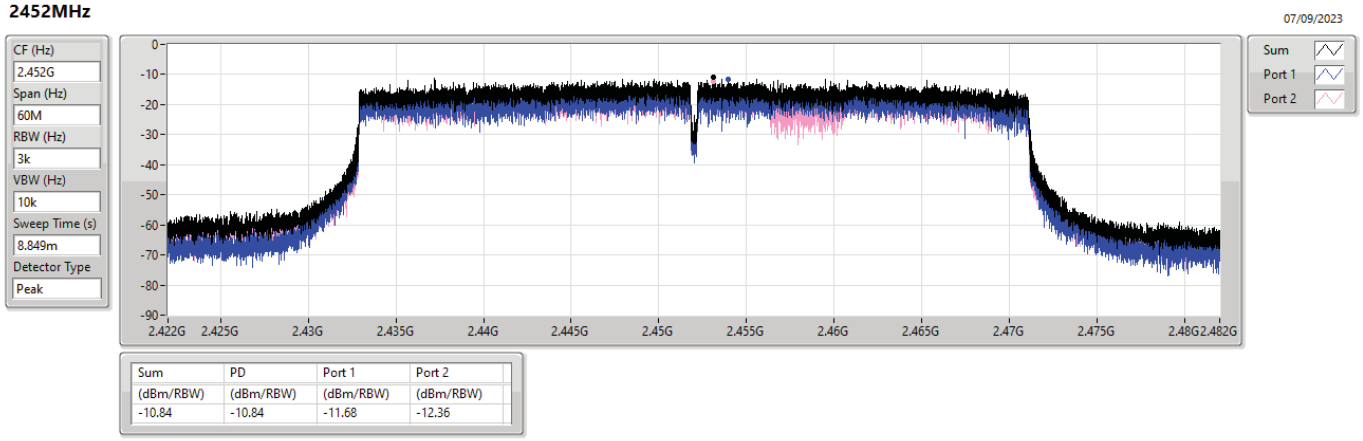
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.89	-7.89	-9.15	-9.48

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)
-10.84	-10.84	-11.68	-12.36

Summary

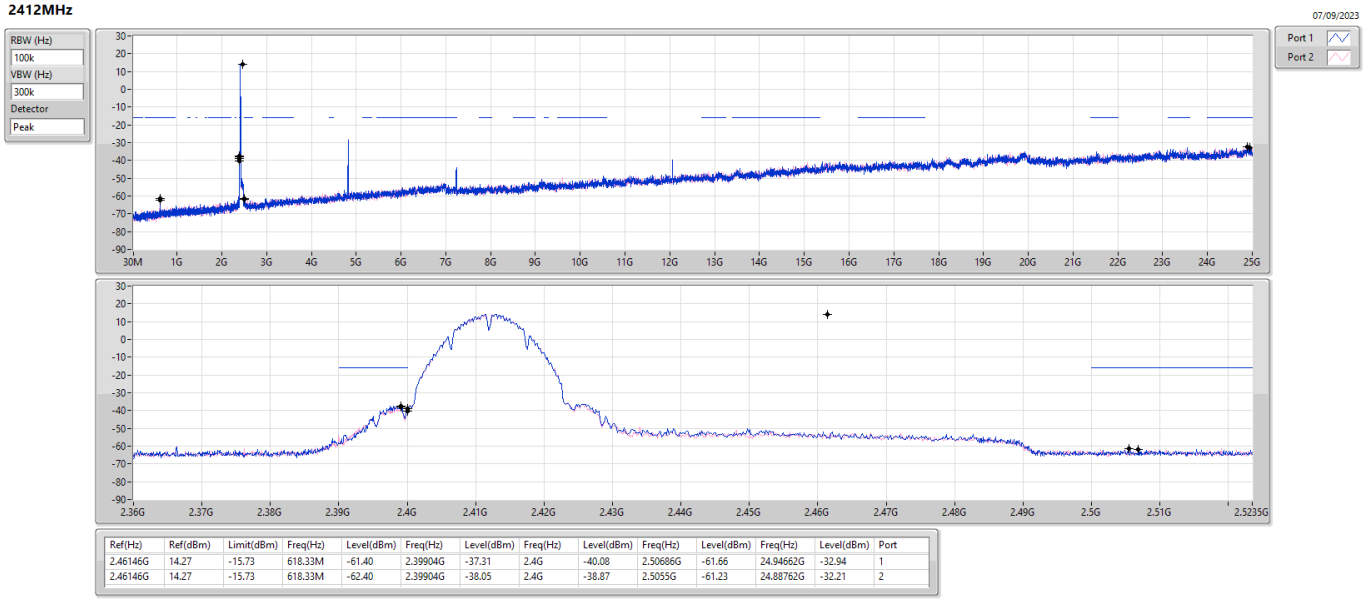
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.46146G	14.27	-15.73	618.33M	-61.40	2.39904G	-37.31	2.4G	-40.08	2.50686G	-61.66	24.94662G	-32.94	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	13.42	-16.58	1.95924G	-63.46	2.39976G	-26.31	2.4G	-24.22	2.51254G	-61.73	24.59261G	-32.47	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.44208G	13.20	-16.80	2.30641G	-63.70	2.39968G	-25.39	2.4G	-25.69	2.50726G	-61.16	24.88762G	-31.90	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.43323G	7.25	-22.75	2.08299G	-64.23	2.39984G	-28.08	2.4G	-29.28	2.51118G	-61.69	24.90184G	-32.86	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	2.46146G	14.27	-15.73	618.33M	-61.40	2.39904G	-37.31	2.4G	-40.08	2.50686G	-61.66	24.94662G	-32.94	1
2412MHz	Pass	2.46146G	14.27	-15.73	618.33M	-62.40	2.39904G	-38.05	2.4G	-38.87	2.5055G	-61.23	24.88762G	-32.21	2
2437MHz	Pass	2.46146G	14.27	-15.73	668.42M	-61.65	2.4G	-52.85	2.4G	-53.19	2.5079G	-61.57	24.30885G	-33.03	1
2437MHz	Pass	2.46146G	14.27	-15.73	2.19807G	-63.28	2.39704G	-54.44	2.4G	-55.31	2.5007G	-61.41	24.882G	-32.12	2
2462MHz	Pass	2.46146G	14.27	-15.73	718.52M	-63.66	2.4G	-53.58	2.4G	-53.76	2.50846G	-61.08	24.96629G	-32.30	1
2462MHz	Pass	2.46146G	14.27	-15.73	718.52M	-62.04	2.39608G	-54.51	2.4G	-55.15	2.50038G	-61.00	24.90167G	-32.25	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	13.42	-16.58	1.95924G	-63.46	2.39976G	-26.31	2.4G	-24.22	2.51254G	-61.73	24.59261G	-32.47	1
2412MHz	Pass	2.43824G	13.42	-16.58	2.14331G	-63.92	2.4G	-27.99	2.4G	-26.10	2.50262G	-61.70	24.91852G	-33.22	2
2437MHz	Pass	2.43824G	13.42	-16.58	2.12817G	-63.86	2.39952G	-43.58	2.4G	-42.12	2.50502G	-60.60	24.39875G	-32.81	1
2437MHz	Pass	2.43824G	13.42	-16.58	2.09438G	-63.56	2.39952G	-42.88	2.4G	-43.64	2.50294G	-61.94	24.95505G	-32.15	2
2462MHz	Pass	2.43824G	13.42	-16.58	2.14098G	-64.56	2.4G	-54.33	2.4G	-55.23	2.5099G	-62.01	24.90447G	-32.53	1
2462MHz	Pass	2.43824G	13.42	-16.58	2.12817G	-63.87	2.4G	-56.77	2.4G	-56.43	2.51118G	-61.98	24.47461G	-32.73	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	13.20	-16.80	2.30641G	-63.70	2.39968G	-25.39	2.4G	-25.69	2.50726G	-61.16	24.88762G	-31.90	1
2412MHz	Pass	2.44208G	13.20	-16.80	2.16894G	-63.29	2.4G	-25.41	2.4G	-25.80	2.5079G	-61.84	24.61509G	-32.05	2
2437MHz	Pass	2.44208G	13.20	-16.80	2.12001G	-63.70	2.39976G	-44.22	2.4G	-45.16	2.51158G	-60.60	24.90167G	-32.56	1
2437MHz	Pass	2.44208G	13.20	-16.80	2.11768G	-64.25	2.39928G	-45.45	2.4G	-46.66	2.51222G	-61.03	24.96909G	-32.60	2
2462MHz	Pass	2.44208G	13.20	-16.80	2.13982G	-64.06	2.4G	-54.12	2.4G	-54.89	2.50206G	-61.36	24.93538G	-32.94	1
2462MHz	Pass	2.44208G	13.20	-16.80	2.30059G	-63.50	2.4G	-55.59	2.4G	-56.93	2.5155G	-61.34	24.87638G	-31.89	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43323G	7.25	-22.75	2.08299G	-64.23	2.39984G	-28.08	2.4G	-29.28	2.51118G	-61.69	24.90184G	-32.86	1
2422MHz	Pass	2.43323G	7.25	-22.75	2.12535G	-63.15	2.39968G	-30.71	2.4G	-29.31	2.53486G	-61.63	24.91025G	-31.73	2
2437MHz	Pass	2.43323G	7.25	-22.75	2.30741G	-63.74	2.39968G	-46.39	2.4G	-49.41	2.52318G	-61.32	24.31569G	-32.48	1
2437MHz	Pass	2.43323G	7.25	-22.75	2.09787G	-63.86	2.396G	-48.76	2.4G	-49.31	2.51806G	-61.72	24.89904G	-32.35	2
2452MHz	Pass	2.43323G	7.25	-22.75	2.17688G	-63.46	2.39952G	-56.73	2.4G	-56.53	2.50046G	-61.38	24.88501G	-31.40	1
2452MHz	Pass	2.43323G	7.25	-22.75	2.1265G	-62.89	2.4G	-56.52	2.4G	-56.09	2.50238G	-60.97	24.96915G	-31.68	2

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

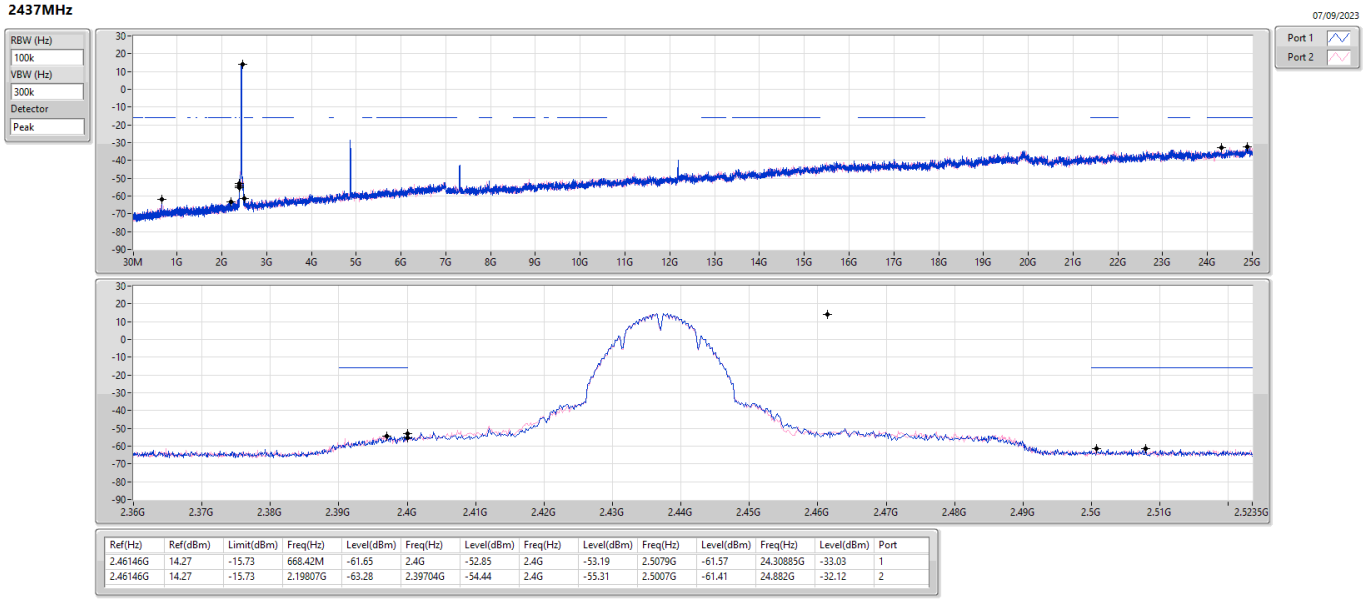
2412MHz



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
2.46146G	14.27	-15.73	618.33M	-61.40	2.39904G	-37.31	2.4G	-40.08	2.50686G	-61.66	24.94662G	-32.94	1
2.46146G	14.27	-15.73	618.33M	-62.40	2.39904G	-38.05	2.4G	-38.87	2.5055G	-61.23	24.88762G	-32.21	2

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

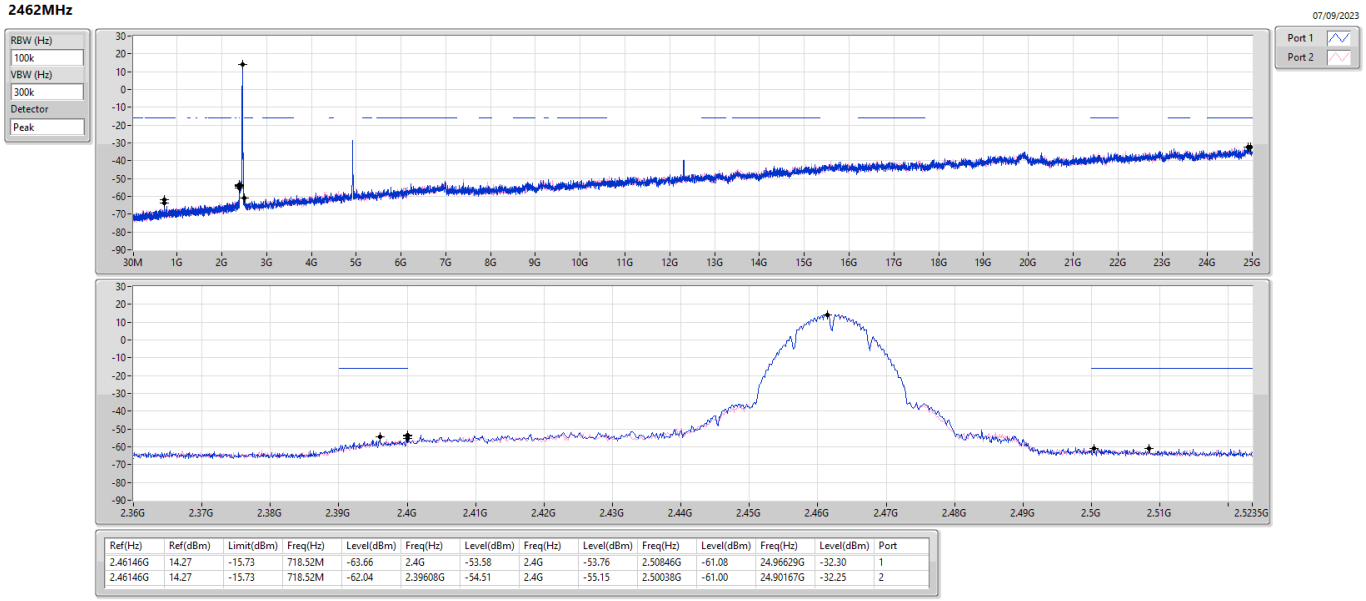
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46146G	14.27	-15.73	668.42M	-61.65	2.4G	-52.85	2.4G	-53.19	2.5079G	-61.57	24.30885G	-33.03	1
2.46146G	14.27	-15.73	2.19807G	-63.28	2.39704G	-54.44	2.4G	-55.31	2.5007G	-61.41	24.882G	-32.12	2

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

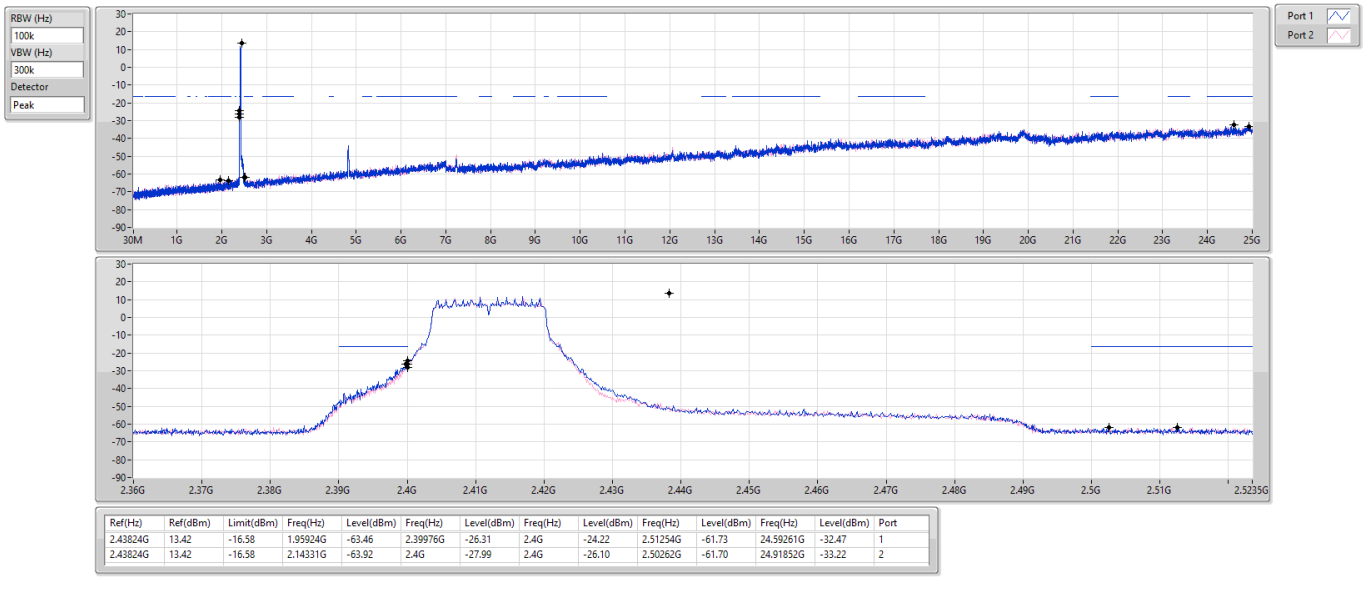
2462MHz



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
2.46146G	14.27	-15.73	718.52M	-63.66	2.4G	-53.58	2.4G	-53.76	2.50846G	-61.08	24.96629G	-32.30	1
2.46146G	14.27	-15.73	718.52M	-62.04	2.39608G	-54.51	2.4G	-55.15	2.50038G	-61.00	24.90167G	-32.25	2

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

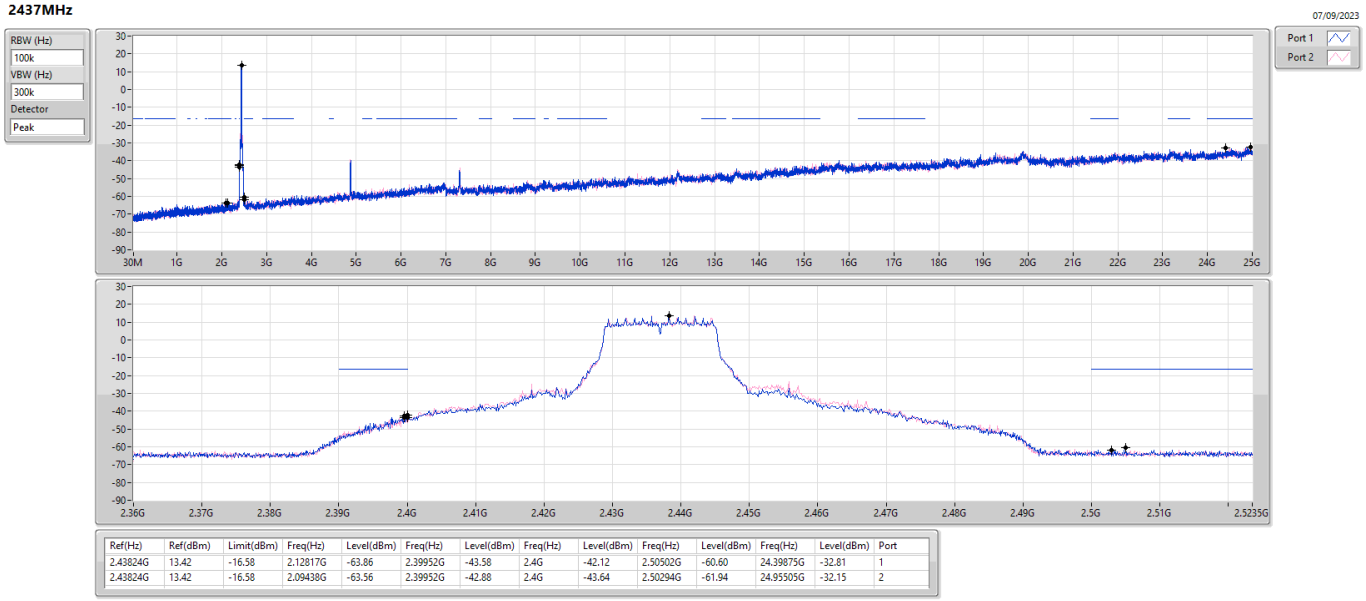
2412MHz



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
2.43824G	13.42	-16.58	1.95924G	-63.46	2.39976G	-26.31	2.4G	-24.22	2.51254G	-61.73	24.59261G	-32.47	1
2.43824G	13.42	-16.58	2.14331G	-63.92	2.4G	-27.99	2.4G	-26.10	2.50262G	-61.70	24.91852G	-33.22	2

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

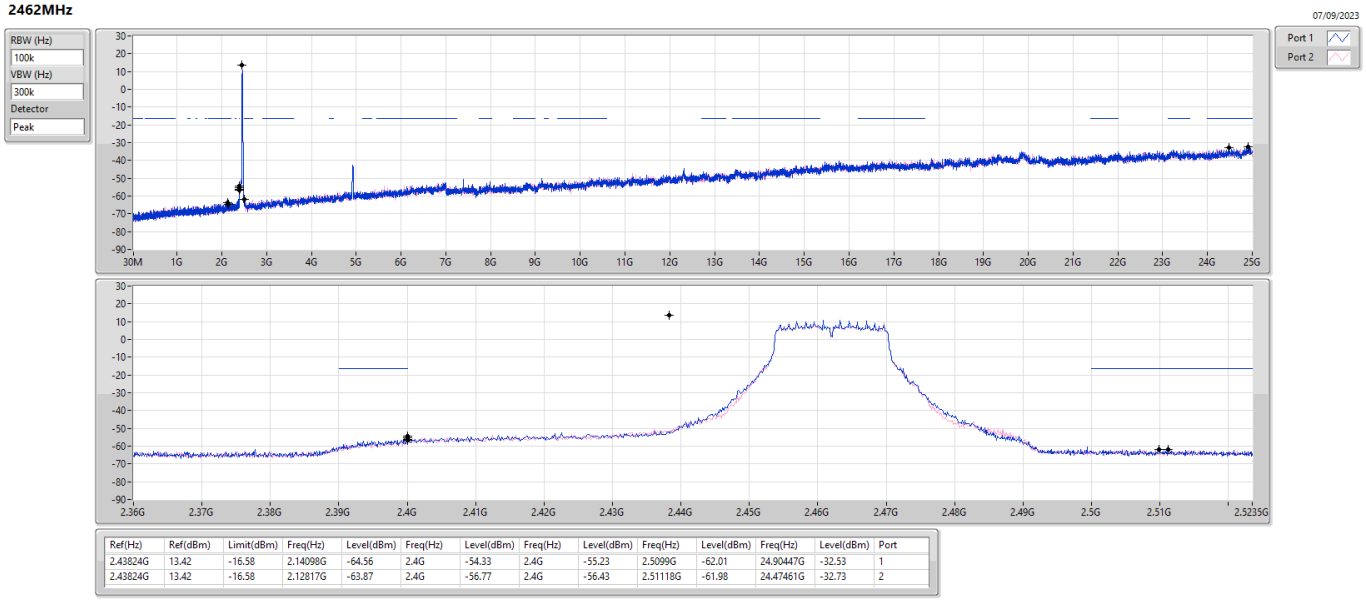
2437MHz



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
2.43824G	13.42	-16.58	2.12817G	-63.86	2.39952G	-43.58	2.4G	-42.12	2.50502G	-60.60	24.39875G	-32.81	1
2.43824G	13.42	-16.58	2.09438G	-63.56	2.39952G	-42.88	2.4G	-43.64	2.50294G	-61.94	24.95505G	-32.15	2

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

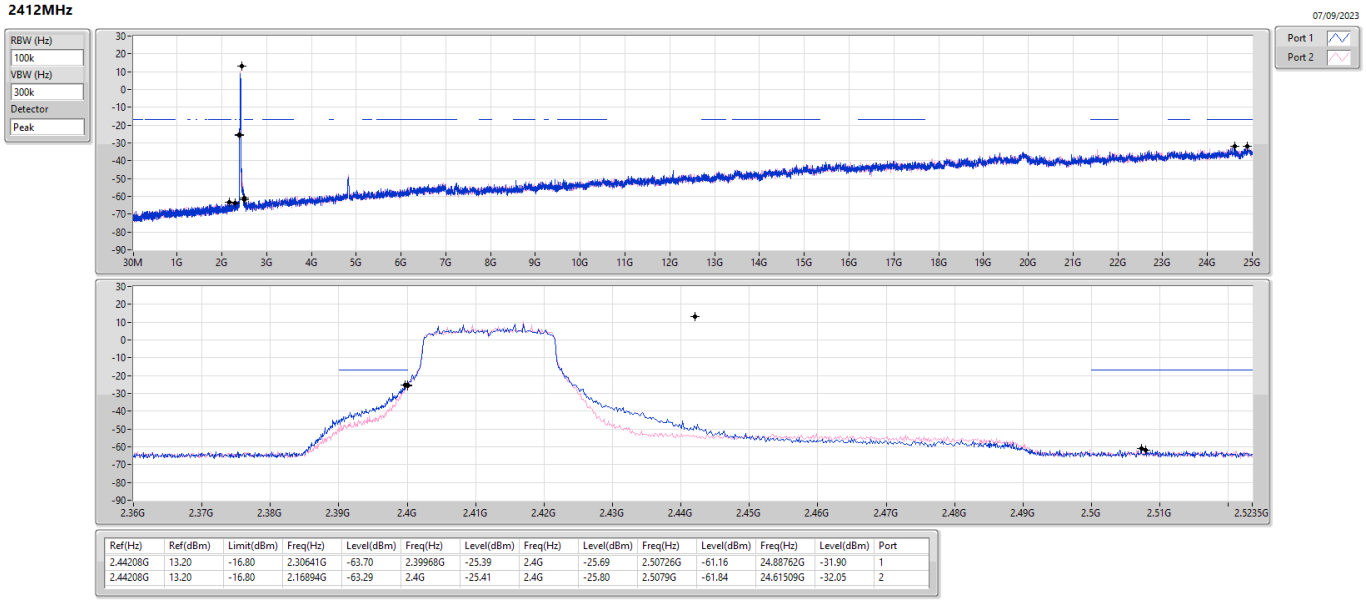
2462MHz



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
2.43824G	13.42	-16.58	2.14098G	-64.56	2.4G	-54.33	2.4G	-55.23	2.5099G	-62.01	24.90447G	-32.53	1
2.43824G	13.42	-16.58	2.12817G	-63.87	2.4G	-56.77	2.4G	-56.43	2.51118G	-61.98	24.47461G	-32.73	2

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

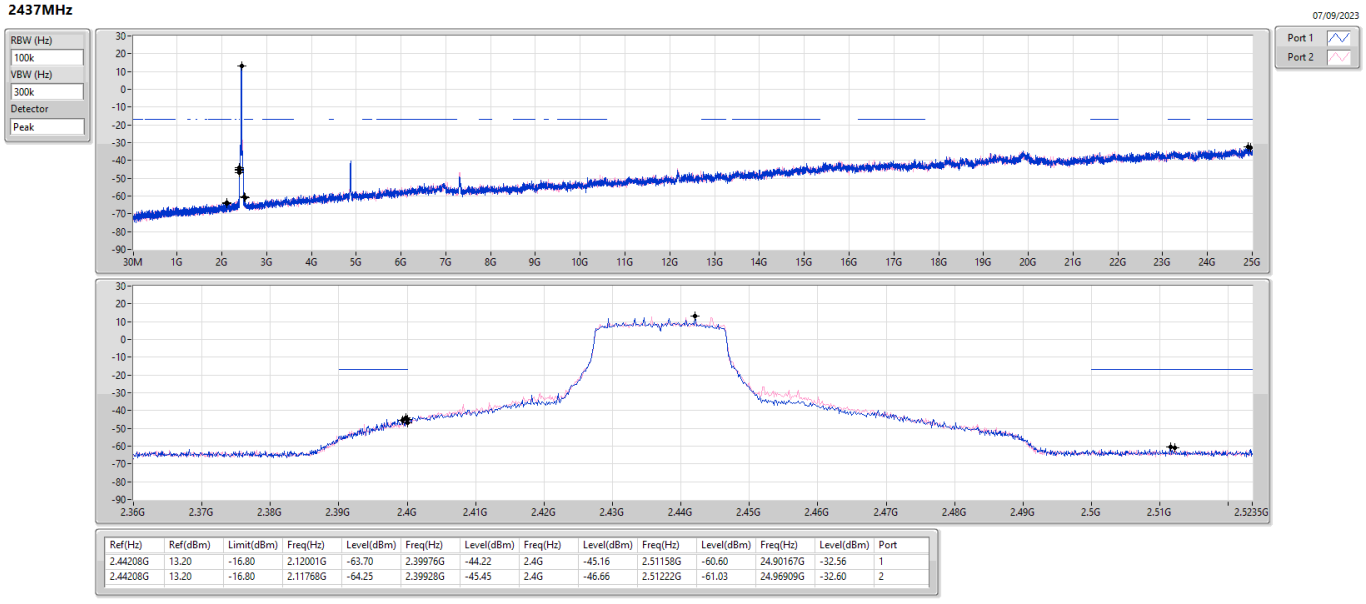
2412MHz



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
2.44208G	13.20	-16.80	2.30641G	-63.70	2.39968G	-25.39	2.4G	-25.69	2.50726G	-61.16	24.88762G	-31.90	1
2.44208G	13.20	-16.80	2.16894G	-63.29	2.4G	-25.41	2.4G	-25.80	2.5079G	-61.84	24.61509G	-32.05	2

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

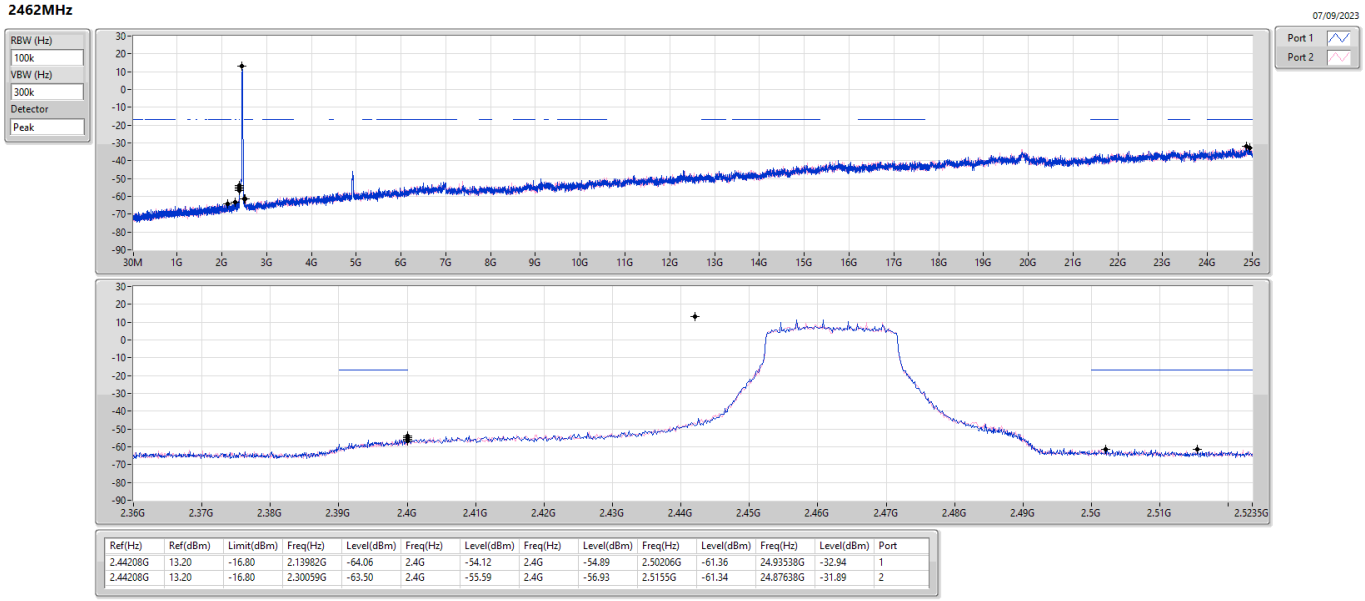
2437MHz



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
2.44208G	13.20	-16.80	2.12001G	-63.70	2.39976G	-44.22	2.4G	-45.16	2.51158G	-60.60	24.90167G	-32.56	1
2.44208G	13.20	-16.80	2.11768G	-64.25	2.39928G	-45.45	2.4G	-46.66	2.51222G	-61.03	24.96909G	-32.60	2

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

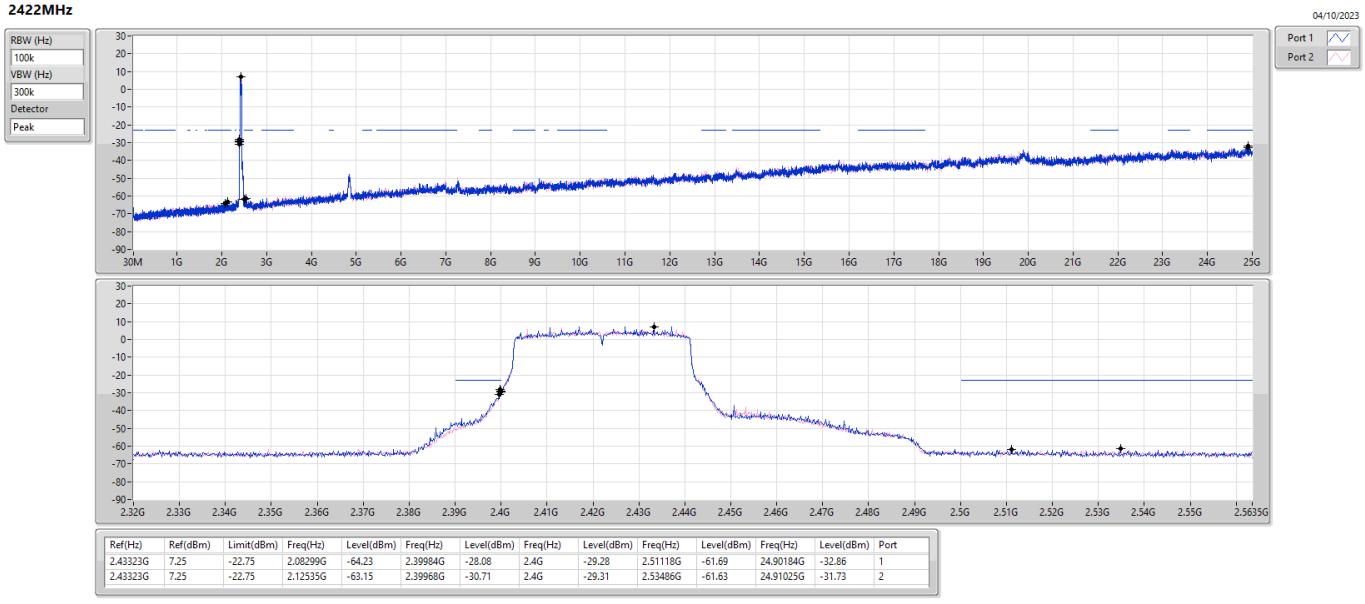
2462MHz



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
2.44208G	13.20	-16.80	2.13982G	-64.06	2.4G	-54.12	2.4G	-54.89	2.50206G	-61.36	24.93538G	-32.94	1
2.44208G	13.20	-16.80	2.30059G	-63.50	2.4G	-55.59	2.4G	-56.93	2.5155G	-61.34	24.87638G	-31.89	2

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

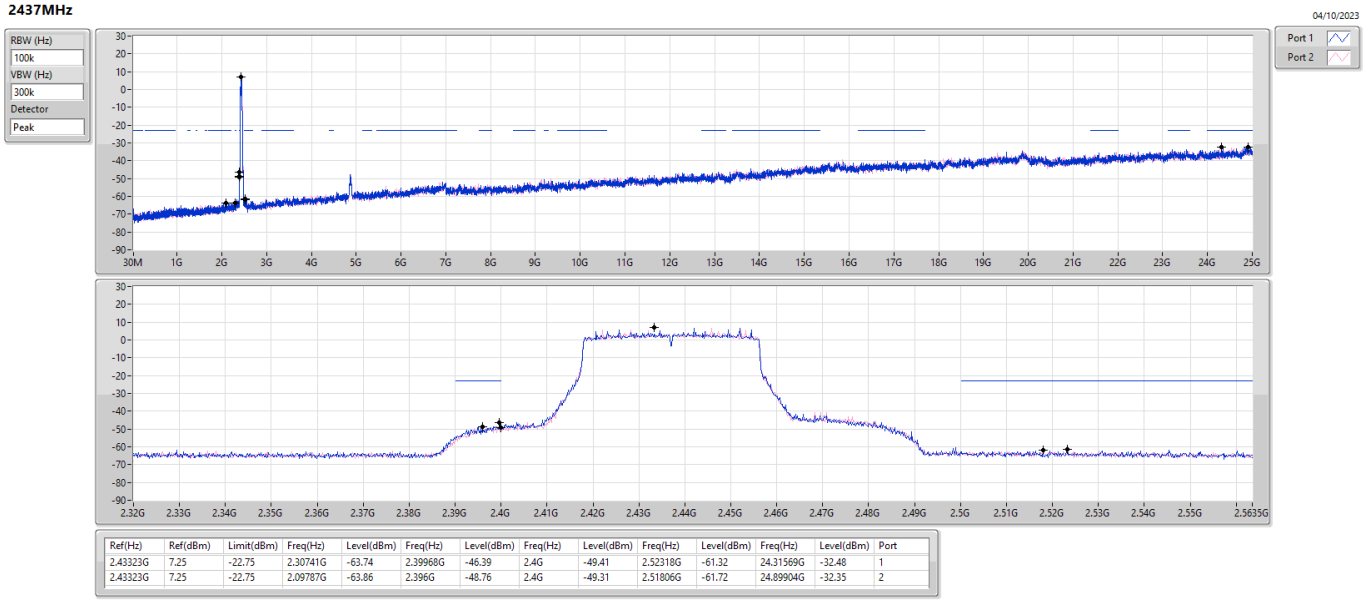
2422MHz



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
2.43323G	7.25	-22.75	2.08299G	-64.23	2.39984G	-28.08	2.4G	-29.28	2.51118G	-61.69	24.90184G	-32.86	1
2.43323G	7.25	-22.75	2.12535G	-63.15	2.39968G	-30.71	2.4G	-29.31	2.53486G	-61.63	24.91025G	-31.73	2

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

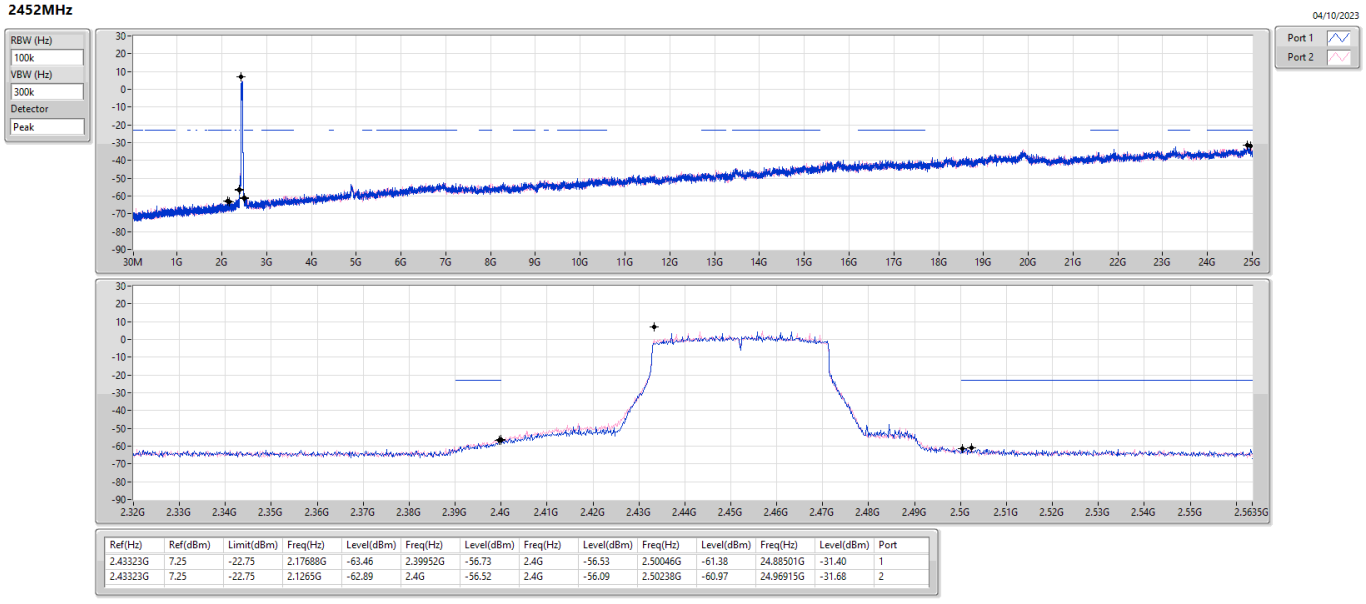
2437MHz



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
2.43323G	7.25	-22.75	2.30741G	-63.74	2.39968G	-46.39	2.4G	-49.41	2.52318G	-61.32	24.31569G	-32.48	1
2.43323G	7.25	-22.75	2.09787G	-63.86	2.396G	-48.76	2.4G	-49.31	2.51806G	-61.72	24.89904G	-32.35	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
2.43323G	7.25	-22.75	2.17688G	-63.46	2.39952G	-56.73	2.4G	-56.53	2.50046G	-61.38	24.88501G	-31.40	1
2.43323G	7.25	-22.75	2.1265G	-62.89	2.4G	-56.52	2.4G	-56.09	2.50238G	-60.97	24.96915G	-31.68	2

Summary

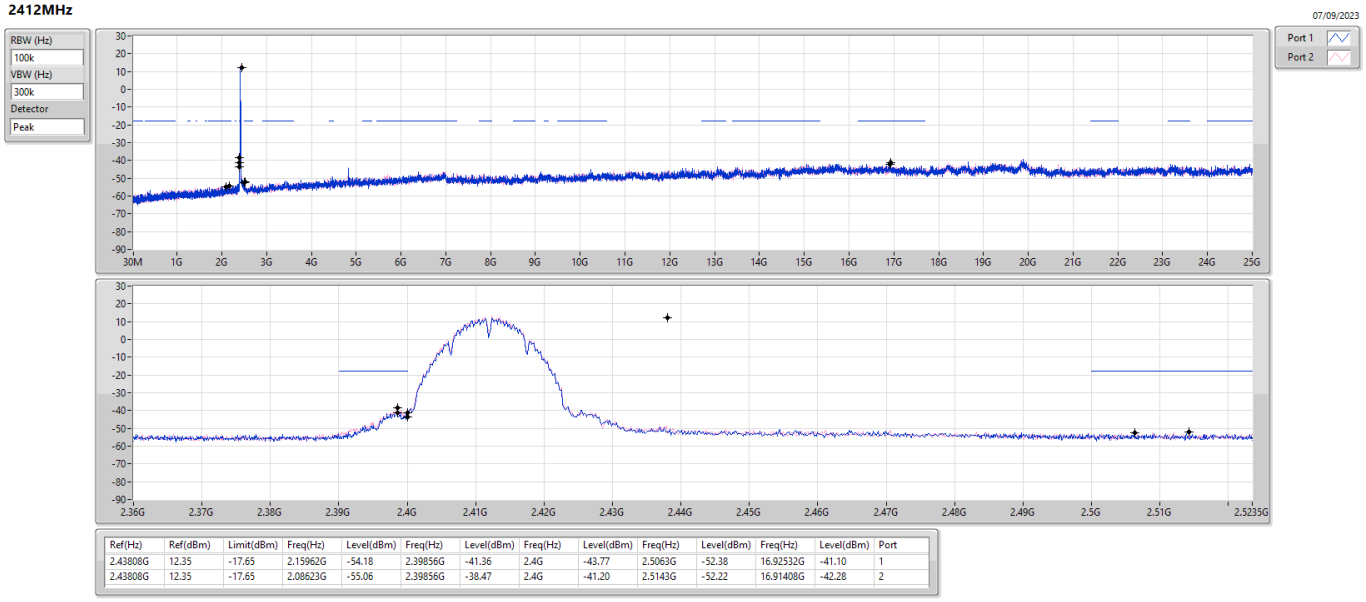
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43808G	12.35	-17.65	2.08623G	-55.06	2.39856G	-38.47	2.4G	-41.20	2.5143G	-52.22	16.91408G	-42.28	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44192G	10.50	-19.50	2.1305G	-53.77	2.39992G	-31.53	2.4G	-31.42	2.52046G	-52.07	16.53479G	-41.57	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.44208G	10.55	-19.45	2.00118G	-54.17	2.4G	-33.88	2.4G	-32.87	2.50606G	-51.68	15.0682G	-41.81	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.44075G	5.46	-24.54	1.80017G	-54.27	2.39984G	-37.62	2.4G	-36.58	2.52174G	-52.54	24.91025G	-41.51	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	2.43808G	12.35	-17.65	2.15962G	-54.18	2.39856G	-41.36	2.4G	-43.77	2.5063G	-52.38	16.92532G	-41.10	1
2412MHz	Pass	2.43808G	12.35	-17.65	2.08623G	-55.06	2.39856G	-38.47	2.4G	-41.20	2.5143G	-52.22	16.91408G	-42.28	2
2437MHz	Pass	2.43808G	12.35	-17.65	2.1305G	-54.09	2.4G	-49.16	2.4G	-52.00	2.50814G	-51.84	15.06258G	-42.18	1
2437MHz	Pass	2.43808G	12.35	-17.65	1.97206G	-54.38	2.39888G	-51.71	2.4G	-52.25	2.51182G	-52.81	16.71741G	-41.56	2
2462MHz	Pass	2.43808G	12.35	-17.65	2.30525G	-54.17	2.39104G	-52.65	2.4G	-53.64	2.51974G	-51.64	16.79046G	-41.37	1
2462MHz	Pass	2.43808G	12.35	-17.65	2.14797G	-54.30	2.39928G	-50.95	2.4G	-54.47	2.50142G	-52.61	16.89722G	-41.40	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	10.50	-19.50	2.16661G	-54.91	2.39992G	-33.83	2.4G	-31.98	2.50102G	-52.22	16.98151G	-42.26	1
2412MHz	Pass	2.44192G	10.50	-19.50	2.1305G	-53.77	2.39992G	-31.53	2.4G	-31.42	2.52046G	-52.07	16.53479G	-41.57	2
2437MHz	Pass	2.44192G	10.50	-19.50	2.18409G	-53.62	2.39768G	-49.05	2.4G	-49.25	2.5003G	-52.50	15.00358G	-41.71	1
2437MHz	Pass	2.44192G	10.50	-19.50	1.98487G	-54.26	2.39864G	-49.43	2.4G	-50.67	2.5079G	-52.69	17.08827G	-40.75	2
2462MHz	Pass	2.44192G	10.50	-19.50	2.18758G	-54.93	2.39944G	-53.32	2.4G	-54.23	2.50494G	-51.24	17.21189G	-42.98	1
2462MHz	Pass	2.44192G	10.50	-19.50	2.15147G	-53.94	2.39784G	-52.62	2.4G	-54.56	2.52038G	-52.61	16.40836G	-42.03	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	10.55	-19.45	2.30525G	-54.34	2.4G	-33.86	2.4G	-32.88	2.51542G	-52.08	16.69493G	-42.16	1
2412MHz	Pass	2.44208G	10.55	-19.45	2.00118G	-54.17	2.4G	-33.88	2.4G	-32.87	2.50606G	-51.68	15.0682G	-41.81	2
2437MHz	Pass	2.44208G	10.55	-19.45	2.12933G	-54.73	2.39944G	-48.26	2.4G	-49.01	2.50726G	-52.46	16.37464G	-41.35	1
2437MHz	Pass	2.44208G	10.55	-19.45	2.14098G	-54.56	2.3996G	-46.97	2.4G	-49.12	2.51782G	-52.27	24.54485G	-41.36	2
2462MHz	Pass	2.44208G	10.55	-19.45	2.15729G	-53.77	2.39608G	-53.48	2.4G	-53.17	2.51758G	-52.32	23.25245G	-41.69	1
2462MHz	Pass	2.44208G	10.55	-19.45	1.89517G	-54.61	2.39984G	-52.86	2.4G	-54.07	2.5075G	-52.78	13.49203G	-42.53	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	5.46	-24.54	1.80017G	-54.27	2.39984G	-37.62	2.4G	-36.58	2.52174G	-52.54	24.91025G	-41.51	1
2422MHz	Pass	2.44075G	5.46	-24.54	2.30283G	-54.49	2.39968G	-38.83	2.4G	-36.77	2.5451G	-52.07	14.53898G	-41.63	2
2437MHz	Pass	2.44075G	5.46	-24.54	2.30054G	-54.21	2.39952G	-44.56	2.4G	-46.57	2.50334G	-52.36	24.89343G	-41.40	1
2437MHz	Pass	2.44075G	5.46	-24.54	2.1826G	-54.77	2.39904G	-42.92	2.4G	-46.97	2.5019G	-51.93	16.77422G	-41.74	2
2452MHz	Pass	2.44075G	5.46	-24.54	2.08642G	-54.36	2.39312G	-53.67	2.4G	-52.54	2.5003G	-52.51	23.32848G	-41.62	1
2452MHz	Pass	2.44075G	5.46	-24.54	2.14024G	-54.10	2.4G	-52.09	2.4G	-54.10	2.53934G	-52.67	17.03224G	-42.81	2

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

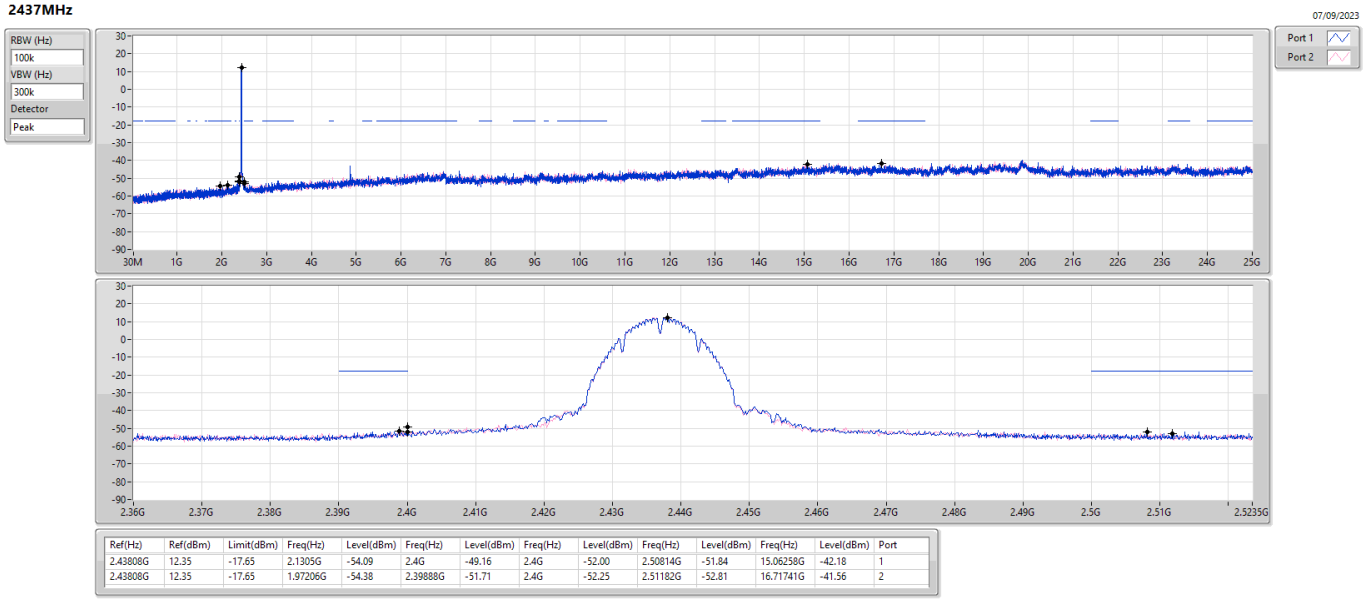
2412MHz



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
2.43808G	12.35	-17.65	2.15962G	-54.18	2.39856G	-41.36	2.4G	-43.77	2.5063G	-52.38	16.92532G	-41.10	1
2.43808G	12.35	-17.65	2.08623G	-55.06	2.39856G	-38.47	2.4G	-41.20	2.5143G	-52.22	16.91408G	-42.28	2

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

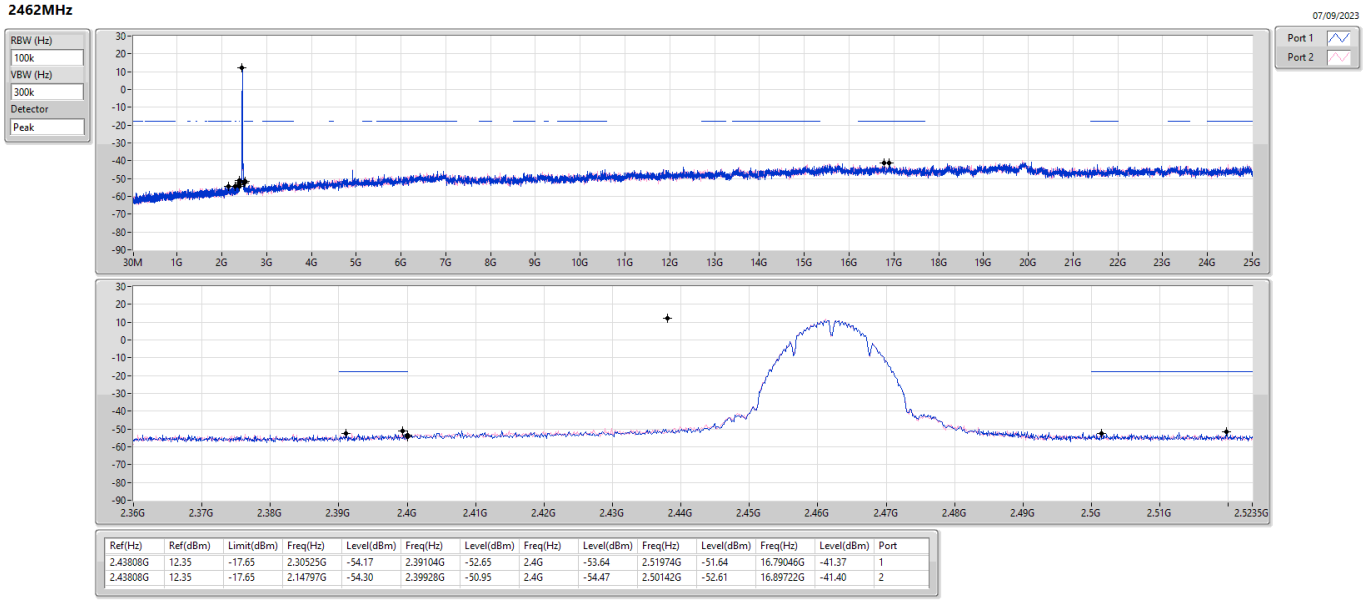
2437MHz



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
2.43808G	12.35	-17.65	2.1305G	-54.09	2.4G	-49.16	2.4G	-52.00	2.50814G	-51.84	15.06258G	-42.18	1
2.43808G	12.35	-17.65	1.97206G	-54.38	2.39888G	-51.71	2.4G	-52.25	2.51182G	-52.81	16.71741G	-41.56	2

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

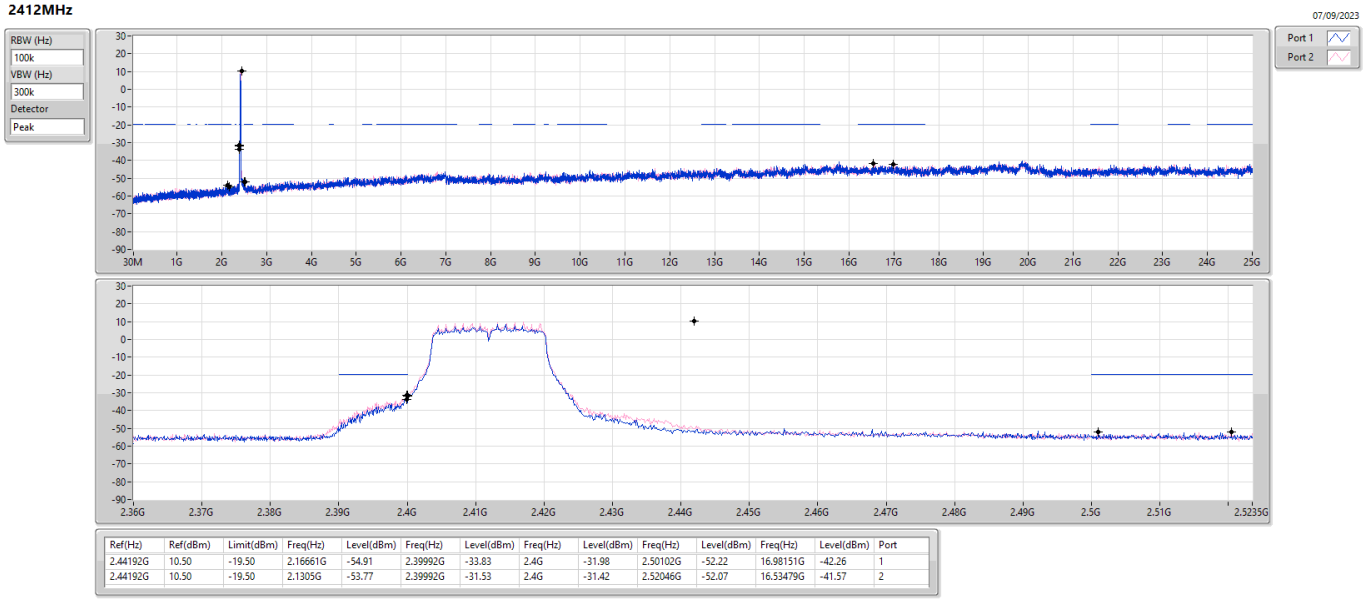
2462MHz



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
2.43808G	12.35	-17.65	2.30525G	-54.17	2.39104G	-52.65	2.4G	-53.64	2.51974G	-51.64	16.79046G	-41.37	1
2.43808G	12.35	-17.65	2.14797G	-54.30	2.39928G	-50.95	2.4G	-54.47	2.50142G	-52.61	16.89722G	-41.40	2

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

2412MHz

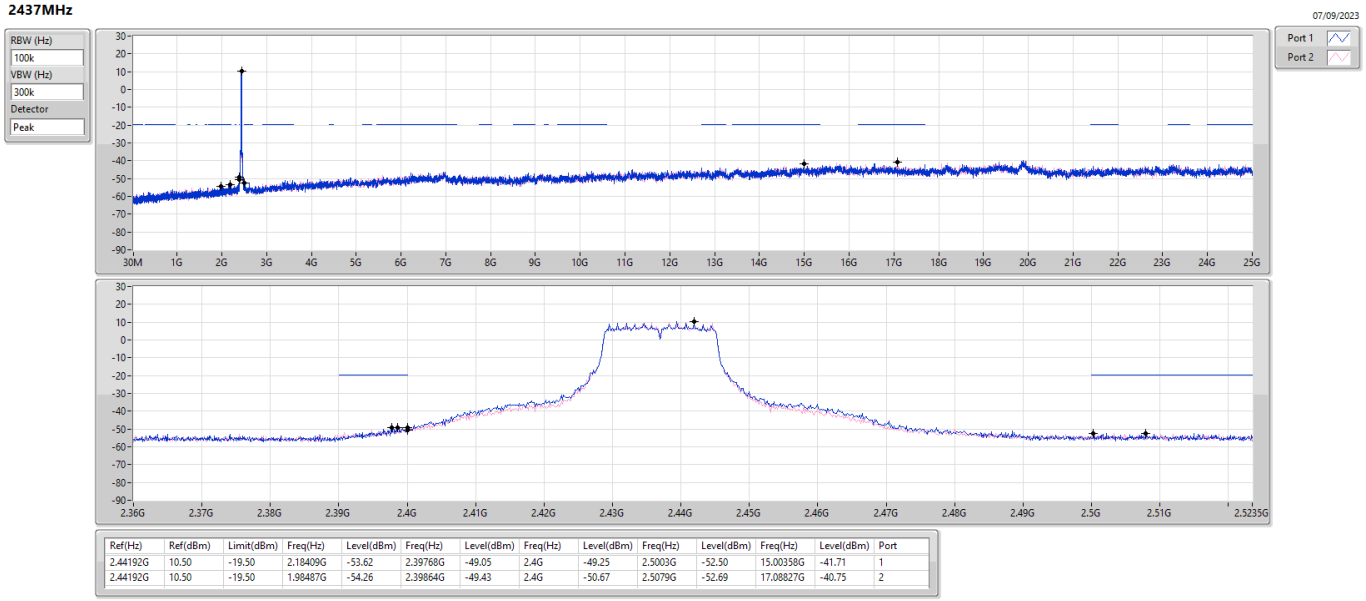


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	10.50	-19.50	2.16661G	-54.91	2.39992G	-33.83	2.4G	-31.98	2.50102G	-52.22	16.98151G	-42.26	1
2.44192G	10.50	-19.50	2.1305G	-53.77	2.39992G	-31.53	2.4G	-31.42	2.52046G	-52.07	16.53479G	-41.57	2

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

CSENdB

2437MHz

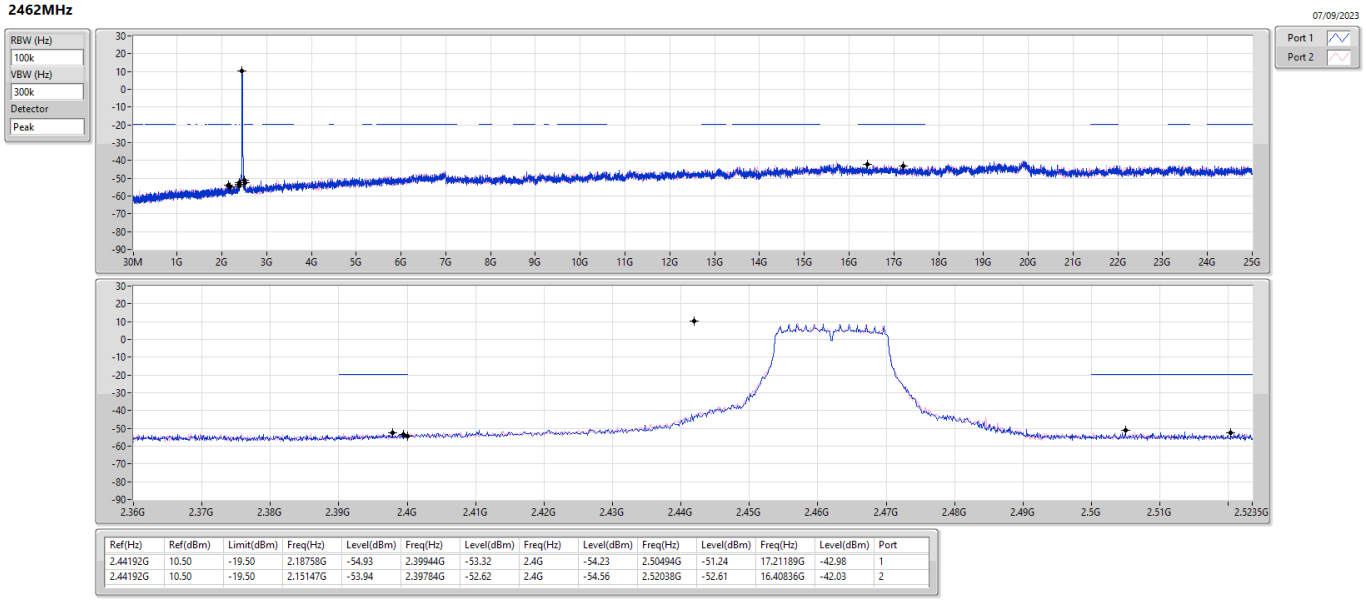


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	10.50	-19.50	2.18409G	-53.62	2.39768G	-49.05	2.4G	-49.25	2.5003G	-52.50	15.00358G	-41.71	1
2.44192G	10.50	-19.50	1.98487G	-54.26	2.39864G	-49.43	2.4G	-50.67	2.5079G	-52.69	17.08827G	-40.75	2

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

CSENdB

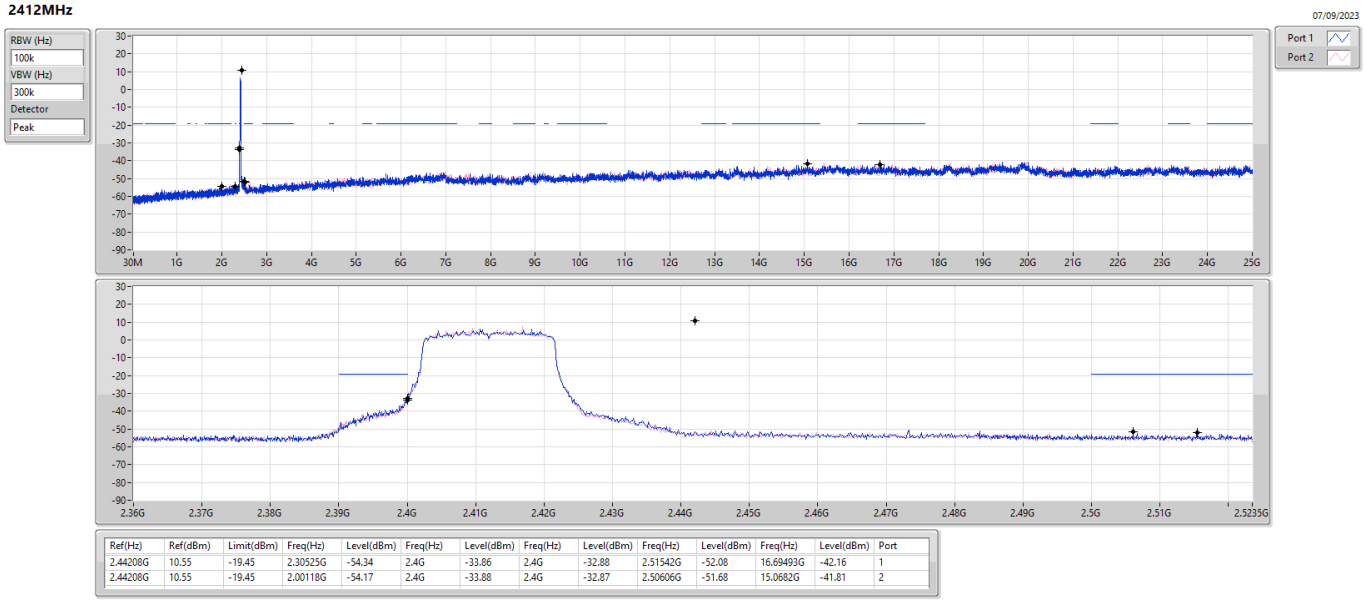
2462MHz



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
2.44192G	10.50	-19.50	2.18758G	-54.93	2.39944G	-53.32	2.4G	-54.23	2.50494G	-51.24	17.21189G	-42.98	1
2.44192G	10.50	-19.50	2.15147G	-53.94	2.39784G	-52.62	2.4G	-54.56	2.52038G	-52.61	16.40836G	-42.03	2

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

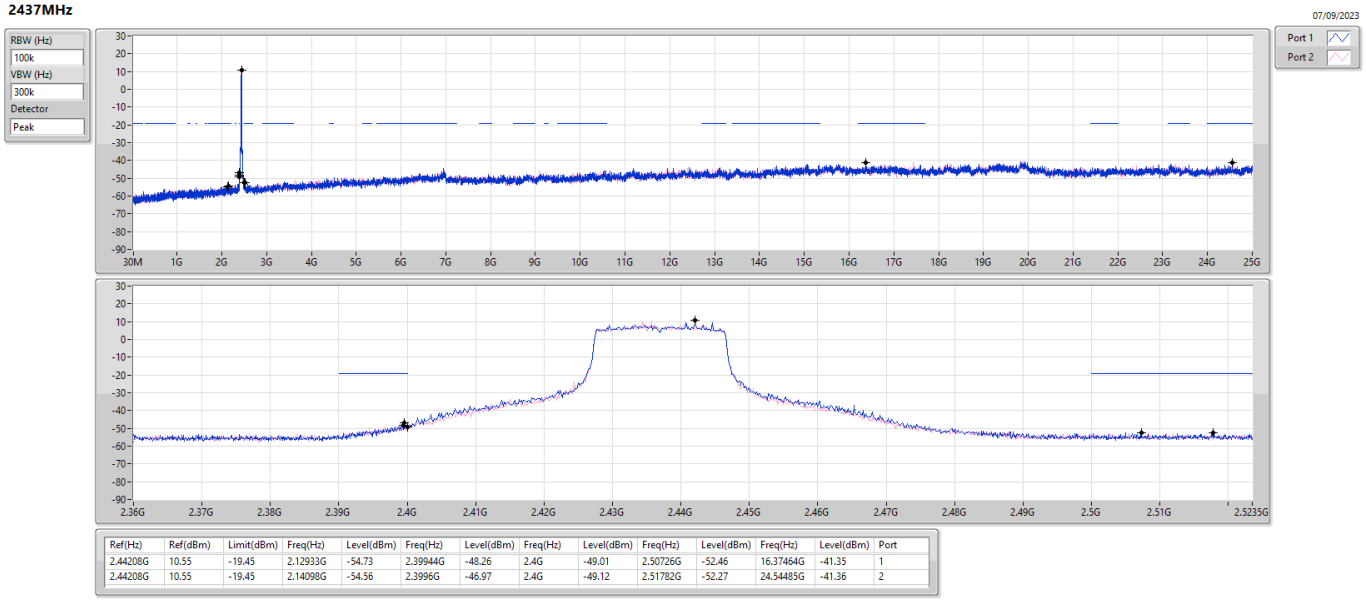
2412MHz



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
2.44208G	10.55	-19.45	2.30525G	-54.34	2.4G	-33.86	2.4G	-32.88	2.51542G	-52.08	16.69493G	-42.16	1
2.44208G	10.55	-19.45	2.00118G	-54.17	2.4G	-33.88	2.4G	-32.87	2.50606G	-51.68	15.0682G	-41.81	2

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

2437MHz

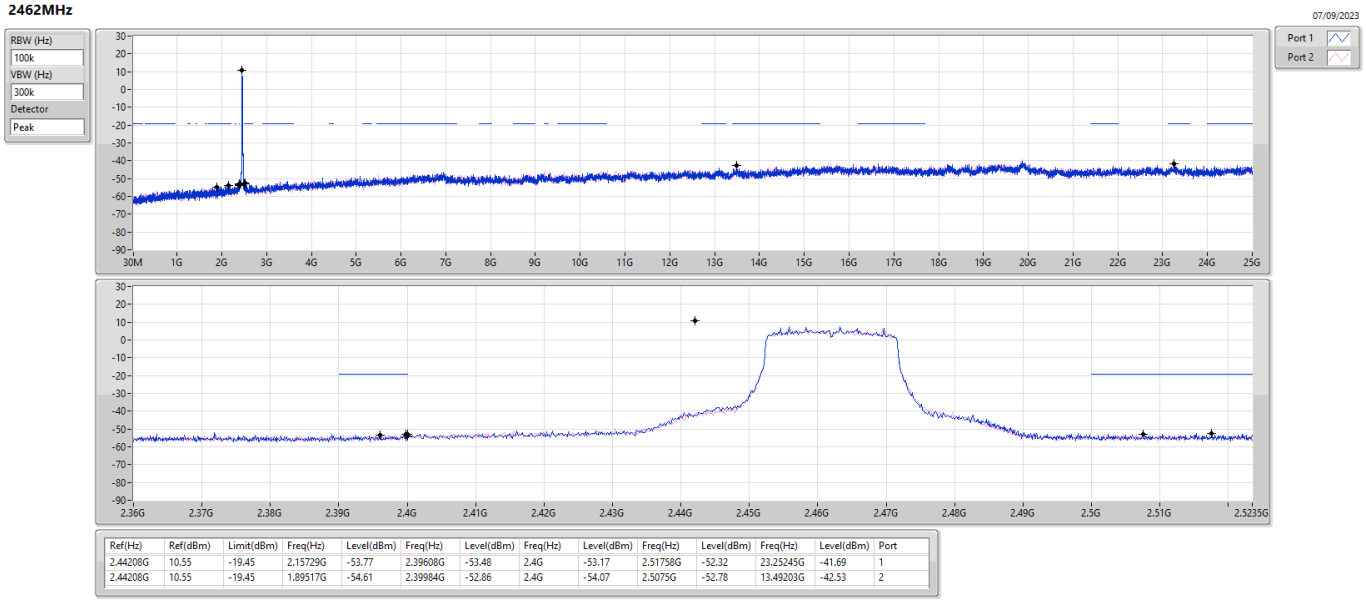


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	10.55	-19.45	2.12933G	-54.73	2.39944G	-48.26	2.4G	-49.01	2.50726G	-52.46	16.37464G	-41.35	1
2.44208G	10.55	-19.45	2.14098G	-54.56	2.3996G	-46.97	2.4G	-49.12	2.51782G	-52.27	24.54485G	-41.36	2

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

CSENdB

2462MHz

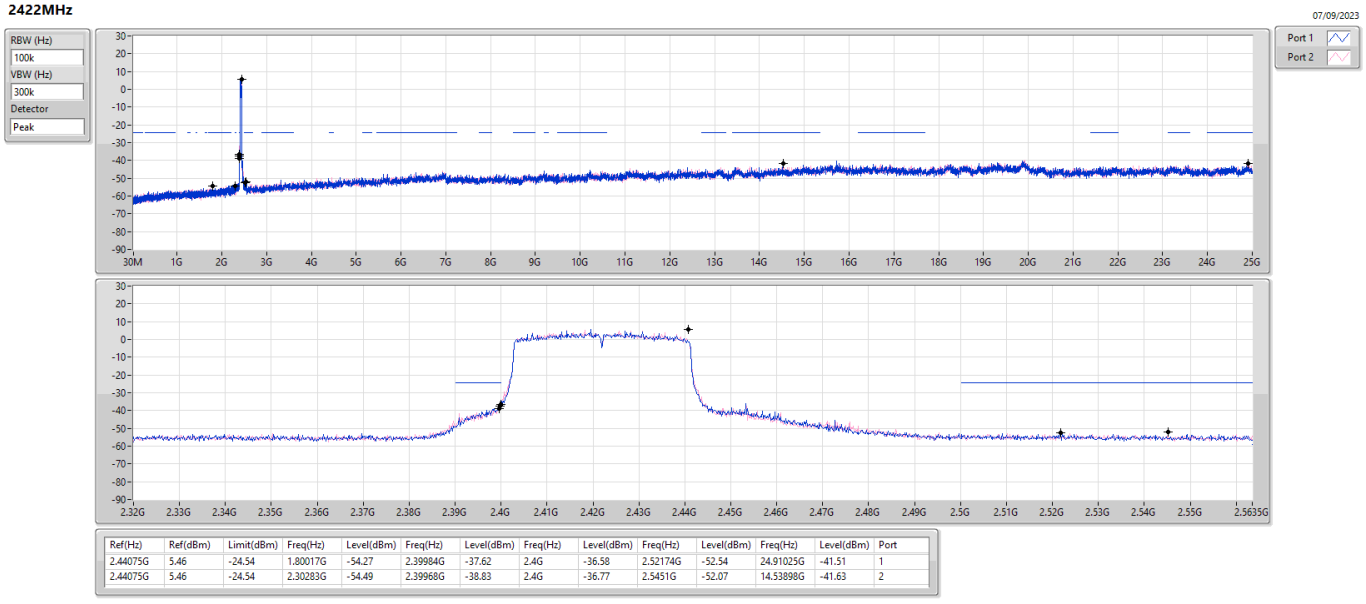


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	10.55	-19.45	2.15729G	-53.77	2.39608G	-53.48	2.4G	-53.17	2.51758G	-52.32	23.25245G	-41.69	1
2.44208G	10.55	-19.45	1.89517G	-54.61	2.39984G	-52.86	2.4G	-54.07	2.5075G	-52.78	13.49203G	-42.53	2

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

CSENdB

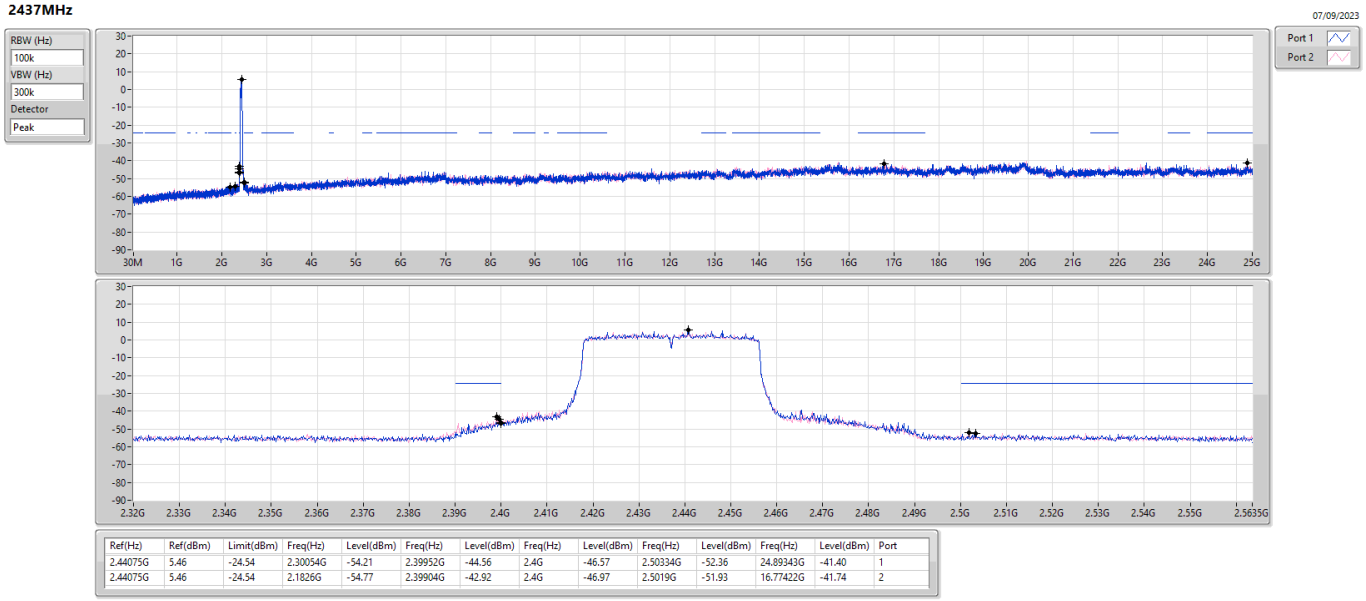
2422MHz



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
2.44075G	5.46	-24.54	1.80017G	-54.27	2.39984G	-37.62	2.4G	-36.58	2.52174G	-52.54	24.91025G	-41.51	1
2.44075G	5.46	-24.54	2.30283G	-54.49	2.39968G	-38.83	2.4G	-36.77	2.5451G	-52.07	14.53898G	-41.63	2

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

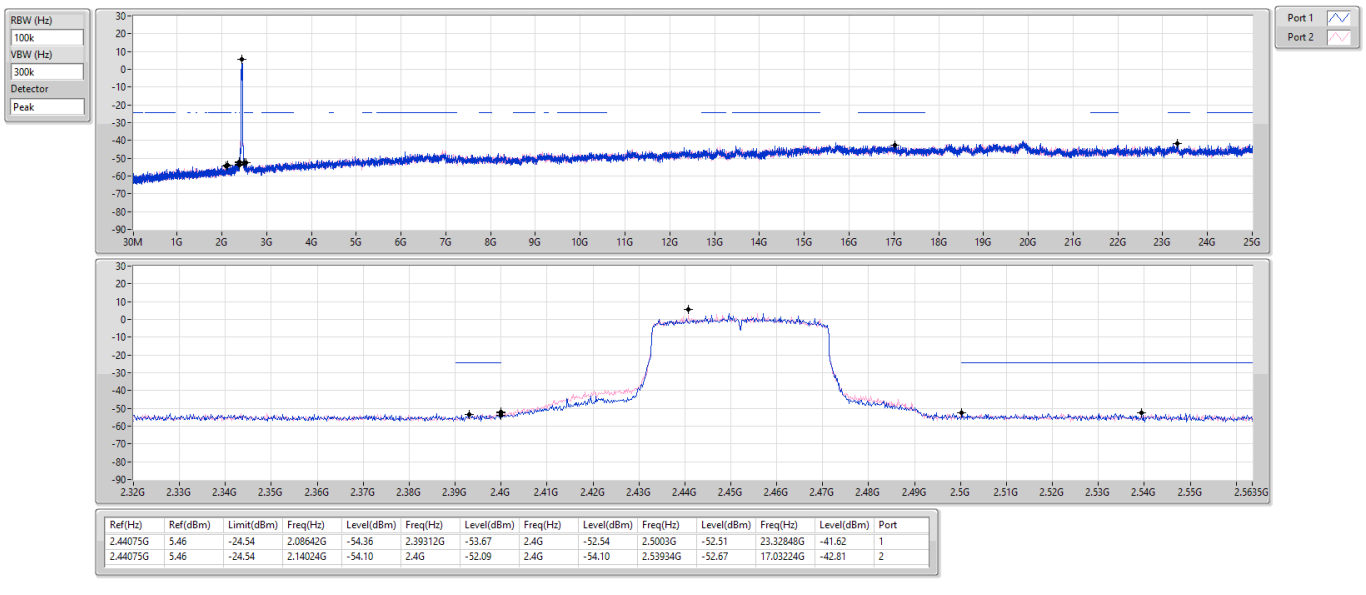
2437MHz



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
2.44075G	5.46	-24.54	2.30054G	-54.21	2.39952G	-44.56	2.4G	-46.57	2.50334G	-52.36	24.89343G	-41.40	1
2.44075G	5.46	-24.54	2.1826G	-54.77	2.39904G	-42.92	2.4G	-46.97	2.5019G	-51.93	16.77422G	-41.74	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
2.44075G	5.46	-24.54	2.08642G	-54.36	2.39312G	-53.67	2.4G	-52.54	2.5003G	-52.51	23.32848G	-41.62	1
2.44075G	5.46	-24.54	2.14024G	-54.10	2.4G	-52.09	2.4G	-54.10	2.53934G	-52.67	17.03224G	-42.81	2

Summary

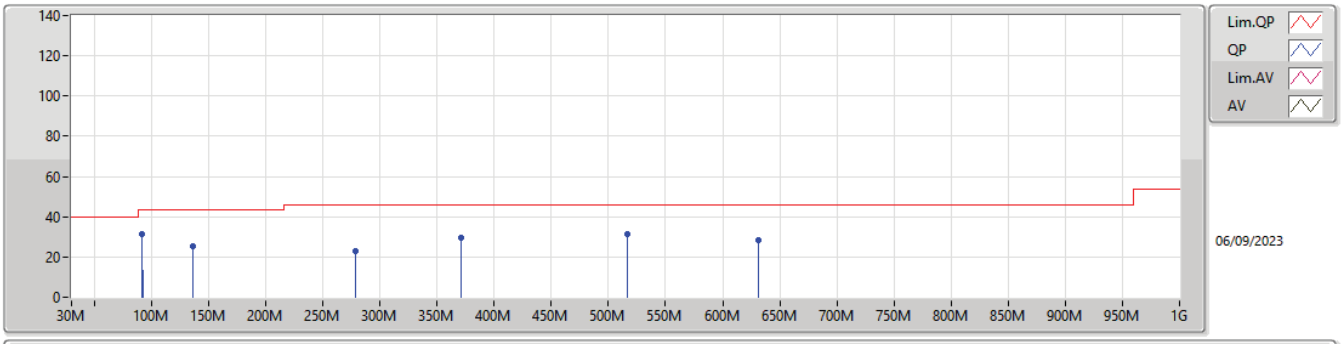
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	714.82M	34.00	46.00	-12.00	3	Horizontal	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2452MHz	Pass	PK	92.08M	31.19	43.50	-12.31	3	Vertical	360	1.00	-
2452MHz	Pass	PK	136.7M	25.32	43.50	-18.18	3	Vertical	360	1.00	-
2452MHz	Pass	PK	278.32M	22.93	46.00	-23.07	3	Vertical	360	1.00	-
2452MHz	Pass	PK	371.44M	29.55	46.00	-16.45	3	Vertical	360	1.00	-
2452MHz	Pass	PK	516.94M	31.43	46.00	-14.57	3	Vertical	360	1.00	-
2452MHz	Pass	PK	631.4M	28.43	46.00	-17.57	3	Vertical	360	1.00	-
2452MHz	Pass	PK	92.08M	30.71	43.50	-12.79	3	Horizontal	0	1.00	-
2452MHz	Pass	PK	134.76M	26.16	43.50	-17.34	3	Horizontal	0	1.00	-
2452MHz	Pass	PK	276.38M	28.43	46.00	-17.57	3	Horizontal	0	1.00	-
2452MHz	Pass	PK	371.44M	27.79	46.00	-18.21	3	Horizontal	0	1.00	-
2452MHz	Pass	PK	536.34M	27.63	46.00	-18.37	3	Horizontal	0	1.00	-
2452MHz	Pass	PK	714.82M	34.00	46.00	-12.00	3	Horizontal	0	1.00	-

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

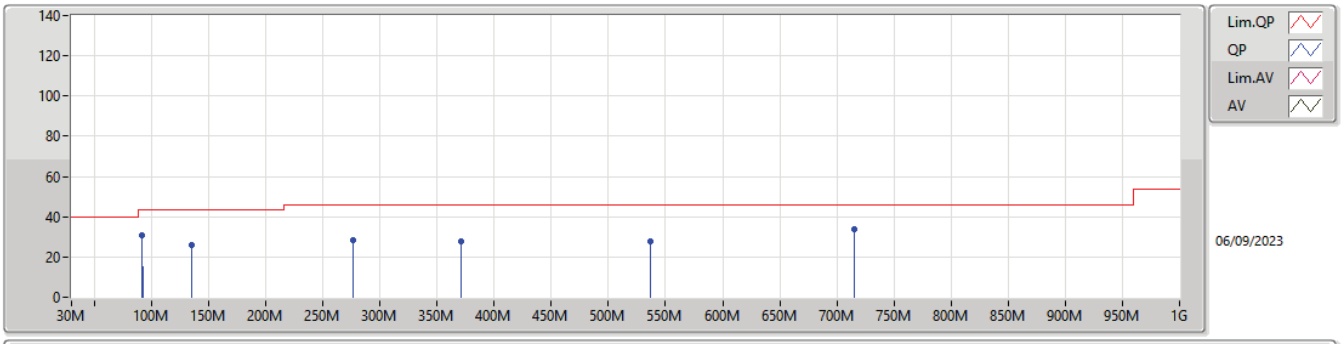
2452MHz_PoE



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	92.08M	31.19	43.50	-12.31	-11.47	3	Vertical	360	1.00	42.66	14.79	1.57	27.83
PK	136.7M	25.32	43.50	-18.18	-9.13	3	Vertical	360	1.00	34.45	16.72	1.93	27.78
PK	278.32M	22.93	46.00	-23.07	-6.52	3	Vertical	360	1.00	29.45	17.94	2.79	27.25
PK	371.44M	29.55	46.00	-16.45	-4.48	3	Vertical	360	1.00	34.03	19.99	3.26	27.73
PK	516.94M	31.43	46.00	-14.57	-1.64	3	Vertical	360	1.00	33.07	22.97	3.90	28.51
PK	631.4M	28.43	46.00	-17.57	0.10	3	Vertical	360	1.00	28.33	24.23	4.42	28.55

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

2452MHz_PoE



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	92.08M	30.71	43.50	-12.79	-11.47	3	Horizontal	0	1.00	42.18	14.79	1.57	27.83
PK	134.76M	26.16	43.50	-17.34	-8.92	3	Horizontal	0	1.00	35.08	16.94	1.92	27.78
PK	276.38M	28.43	46.00	-17.57	-6.55	3	Horizontal	0	1.00	34.98	17.92	2.78	27.25
PK	371.44M	27.79	46.00	-18.21	-4.48	3	Horizontal	0	1.00	32.27	19.99	3.26	27.73
PK	536.34M	27.63	46.00	-18.37	-0.68	3	Horizontal	0	1.00	28.31	23.99	3.95	28.62
PK	714.82M	34.00	46.00	-12.00	0.82	3	Horizontal	0	1.00	33.18	24.54	4.65	28.37

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	2.4842G	48.24	54.00	-5.76	3	Horizontal	345	2.17
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	53.91	54.00	-0.09	3	Vertical	12	2.32
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.72	54.00	-0.28	3	Horizontal	20	1.77
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.72	54.00	-0.28	3	Horizontal	20	1.77

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	2.39G	44.30	54.00	-9.70	3	Vertical	346	2.55
2412MHz	Pass	AV	2.4112G	113.45	Inf	-Inf	3	Vertical	346	2.55
2412MHz	Pass	PK	2.3684G	57.48	74.00	-16.52	3	Vertical	346	2.55
2412MHz	Pass	PK	2.4112G	116.11	Inf	-Inf	3	Vertical	346	2.55
2412MHz	Pass	AV	2.3898G	45.03	54.00	-8.97	3	Horizontal	21	1.62
2412MHz	Pass	AV	2.4112G	119.42	Inf	-Inf	3	Horizontal	21	1.62
2412MHz	Pass	PK	2.3888G	57.46	74.00	-16.54	3	Horizontal	21	1.62
2412MHz	Pass	PK	2.4112G	122.09	Inf	-Inf	3	Horizontal	21	1.62
2412MHz	Pass	AV	4.824G	42.65	54.00	-11.35	3	Vertical	332	1.77
2412MHz	Pass	PK	4.82388G	47.81	74.00	-26.19	3	Vertical	332	1.77
2412MHz	Pass	AV	4.824G	38.99	54.00	-15.01	3	Horizontal	360	2.64
2412MHz	Pass	PK	4.82388G	45.20	74.00	-28.80	3	Horizontal	360	2.64
2437MHz	Pass	AV	2.3894G	44.52	54.00	-9.48	3	Vertical	15	2.10
2437MHz	Pass	AV	2.4362G	115.57	Inf	-Inf	3	Vertical	15	2.10
2437MHz	Pass	AV	2.4846G	45.09	54.00	-8.91	3	Vertical	15	2.10
2437MHz	Pass	PK	2.3882G	57.40	74.00	-16.60	3	Vertical	15	2.10
2437MHz	Pass	PK	2.4378G	118.29	Inf	-Inf	3	Vertical	15	2.10
2437MHz	Pass	PK	2.489G	58.10	74.00	-15.90	3	Vertical	15	2.10
2437MHz	Pass	AV	2.3898G	44.56	54.00	-9.44	3	Horizontal	344	1.79
2437MHz	Pass	AV	2.4378G	118.22	Inf	-Inf	3	Horizontal	344	1.79
2437MHz	Pass	AV	2.4842G	47.21	54.00	-6.79	3	Horizontal	344	1.79
2437MHz	Pass	PK	2.383G	57.43	74.00	-16.57	3	Horizontal	344	1.79
2437MHz	Pass	PK	2.4378G	121.04	Inf	-Inf	3	Horizontal	344	1.79
2437MHz	Pass	PK	2.4854G	59.41	74.00	-14.59	3	Horizontal	344	1.79
2437MHz	Pass	AV	4.874G	44.47	54.00	-9.53	3	Vertical	329	2.02
2437MHz	Pass	AV	7.30926G	33.73	54.00	-20.27	3	Vertical	338	1.50
2437MHz	Pass	PK	4.87388G	48.39	74.00	-25.61	3	Vertical	329	2.02
2437MHz	Pass	PK	7.31088G	47.81	74.00	-26.19	3	Vertical	338	1.50
2437MHz	Pass	AV	4.874G	42.60	54.00	-11.40	3	Horizontal	345	1.96
2437MHz	Pass	AV	7.3098G	37.35	54.00	-16.65	3	Horizontal	317	2.04
2437MHz	Pass	PK	4.874G	47.54	74.00	-26.46	3	Horizontal	345	1.96
2437MHz	Pass	PK	7.31022G	48.73	74.00	-25.27	3	Horizontal	317	2.04
2462MHz	Pass	AV	2.4612G	114.03	Inf	-Inf	3	Vertical	17	2.46
2462MHz	Pass	AV	2.4838G	45.18	54.00	-8.82	3	Vertical	17	2.46
2462MHz	Pass	PK	2.461G	116.77	Inf	-Inf	3	Vertical	17	2.46
2462MHz	Pass	PK	2.4838G	58.15	74.00	-15.85	3	Vertical	17	2.46
2462MHz	Pass	AV	2.4612G	118.63	Inf	-Inf	3	Horizontal	345	2.17
2462MHz	Pass	AV	2.4842G	48.24	54.00	-5.76	3	Horizontal	345	2.17
2462MHz	Pass	PK	2.4612G	121.26	Inf	-Inf	3	Horizontal	345	2.17
2462MHz	Pass	PK	2.4858G	61.88	74.00	-12.12	3	Horizontal	345	2.17
2462MHz	Pass	AV	4.924G	40.15	54.00	-13.85	3	Vertical	312	1.48
2462MHz	Pass	AV	7.38468G	34.18	54.00	-19.82	3	Vertical	353	1.25
2462MHz	Pass	PK	4.924G	46.43	74.00	-27.57	3	Vertical	312	1.48
2462MHz	Pass	PK	7.38468G	47.15	74.00	-26.85	3	Vertical	353	1.25
2462MHz	Pass	AV	4.924G	36.05	54.00	-17.95	3	Horizontal	339	1.49
2462MHz	Pass	AV	7.38474G	38.99	54.00	-15.01	3	Horizontal	323	1.87
2462MHz	Pass	PK	4.924G	44.32	74.00	-29.68	3	Horizontal	339	1.49
2462MHz	Pass	PK	7.38492G	48.94	74.00	-25.06	3	Horizontal	323	1.87
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.91	54.00	-0.09	3	Vertical	12	2.32
2412MHz	Pass	AV	2.4144G	108.82	Inf	-Inf	3	Vertical	12	2.32
2412MHz	Pass	PK	2.39G	66.36	74.00	-7.64	3	Vertical	12	2.32
2412MHz	Pass	PK	2.4136G	118.96	Inf	-Inf	3	Vertical	12	2.32
2412MHz	Pass	AV	2.39G	52.81	54.00	-1.19	3	Horizontal	0	1.82
2412MHz	Pass	AV	2.411G	111.41	Inf	-Inf	3	Horizontal	0	1.82
2412MHz	Pass	PK	2.39G	65.79	74.00	-8.21	3	Horizontal	0	1.82
2412MHz	Pass	PK	2.416G	121.36	Inf	-Inf	3	Horizontal	0	1.82
2412MHz	Pass	AV	4.82604G	30.48	54.00	-23.52	3	Vertical	44	1.50
2412MHz	Pass	PK	4.82646G	43.89	74.00	-30.11	3	Vertical	44	1.50
2412MHz	Pass	AV	4.82406G	29.86	54.00	-24.14	3	Horizontal	358	2.61

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	PK	4.83012G	42.44	74.00	-31.56	3	Horizontal	358	2.61
2417MHz	Pass	AV	2.39G	52.06	54.00	-1.94	3	Vertical	12	2.12
2417MHz	Pass	AV	2.4138G	109.72	Inf	-Inf	3	Vertical	12	2.12
2417MHz	Pass	PK	2.3888G	65.95	74.00	-8.05	3	Vertical	12	2.12
2417MHz	Pass	PK	2.4188G	120.34	Inf	-Inf	3	Vertical	12	2.12
2417MHz	Pass	AV	2.39G	53.60	54.00	-0.40	3	Horizontal	350	2.22
2417MHz	Pass	AV	2.4204G	112.87	Inf	-Inf	3	Horizontal	350	2.22
2417MHz	Pass	PK	2.39G	65.95	74.00	-8.05	3	Horizontal	350	2.22
2417MHz	Pass	PK	2.42G	122.49	Inf	-Inf	3	Horizontal	350	2.22
2437MHz	Pass	AV	2.3898G	45.53	54.00	-8.47	3	Vertical	46	1.50
2437MHz	Pass	AV	2.4386G	107.78	Inf	-Inf	3	Vertical	46	1.50
2437MHz	Pass	AV	2.4858G	46.71	54.00	-7.29	3	Vertical	46	1.50
2437MHz	Pass	PK	2.3898G	57.76	74.00	-16.24	3	Vertical	46	1.50
2437MHz	Pass	PK	2.439G	118.28	Inf	-Inf	3	Vertical	46	1.50
2437MHz	Pass	PK	2.4842G	60.40	74.00	-13.60	3	Vertical	46	1.50
2437MHz	Pass	AV	2.3898G	46.48	54.00	-7.52	3	Horizontal	22	1.56
2437MHz	Pass	AV	2.4394G	114.78	Inf	-Inf	3	Horizontal	22	1.56
2437MHz	Pass	AV	2.4835G	50.11	54.00	-3.89	3	Horizontal	22	1.56
2437MHz	Pass	PK	2.3898G	59.07	74.00	-14.93	3	Horizontal	22	1.56
2437MHz	Pass	PK	2.4398G	124.66	Inf	-Inf	3	Horizontal	22	1.56
2437MHz	Pass	PK	2.4866G	63.43	74.00	-10.57	3	Horizontal	22	1.56
2437MHz	Pass	AV	4.877G	32.83	54.00	-21.17	3	Vertical	312	2.56
2437MHz	Pass	AV	7.30344G	34.45	54.00	-19.55	3	Vertical	341	1.20
2437MHz	Pass	PK	4.87676G	46.48	74.00	-27.52	3	Vertical	312	2.56
2437MHz	Pass	PK	7.3086G	47.46	74.00	-26.54	3	Vertical	341	1.20
2437MHz	Pass	AV	4.87808G	31.25	54.00	-22.75	3	Horizontal	349	2.13
2437MHz	Pass	AV	7.30824G	36.79	54.00	-17.21	3	Horizontal	320	1.90
2437MHz	Pass	PK	4.87826G	44.67	74.00	-29.33	3	Horizontal	349	2.13
2437MHz	Pass	PK	7.31364G	51.78	74.00	-22.22	3	Horizontal	320	1.90
2457MHz	Pass	AV	2.458G	105.86	Inf	-Inf	3	Vertical	38	1.00
2457MHz	Pass	AV	2.4836G	48.28	54.00	-5.72	3	Vertical	38	1.00
2457MHz	Pass	PK	2.4578G	115.81	Inf	-Inf	3	Vertical	38	1.00
2457MHz	Pass	PK	2.485G	62.25	74.00	-11.75	3	Vertical	38	1.00
2457MHz	Pass	AV	2.4598G	112.37	Inf	-Inf	3	Horizontal	21	1.75
2457MHz	Pass	AV	2.4835G	53.46	54.00	-0.54	3	Horizontal	21	1.75
2457MHz	Pass	PK	2.4598G	122.40	Inf	-Inf	3	Horizontal	21	1.75
2457MHz	Pass	PK	2.4835G	66.59	74.00	-7.41	3	Horizontal	21	1.75
2462MHz	Pass	AV	2.458G	105.41	Inf	-Inf	3	Vertical	38	1.00
2462MHz	Pass	AV	2.4835G	48.48	54.00	-5.52	3	Vertical	38	1.00
2462MHz	Pass	PK	2.4586G	116.16	Inf	-Inf	3	Vertical	38	1.00
2462MHz	Pass	PK	2.4835G	61.41	74.00	-12.59	3	Vertical	38	1.00
2462MHz	Pass	AV	2.4596G	111.89	Inf	-Inf	3	Horizontal	23	1.77
2462MHz	Pass	AV	2.4835G	53.53	54.00	-0.47	3	Horizontal	23	1.77
2462MHz	Pass	PK	2.4596G	122.54	Inf	-Inf	3	Horizontal	23	1.77
2462MHz	Pass	PK	2.4836G	67.86	74.00	-6.14	3	Horizontal	23	1.77
2462MHz	Pass	AV	4.91686G	29.96	54.00	-24.04	3	Vertical	48	1.50
2462MHz	Pass	AV	7.37496G	33.90	54.00	-20.10	3	Vertical	248	2.87
2462MHz	Pass	PK	4.92166G	43.26	74.00	-30.74	3	Vertical	48	1.50
2462MHz	Pass	PK	7.37934G	46.79	74.00	-27.21	3	Vertical	248	2.87
2462MHz	Pass	AV	4.92388G	30.75	54.00	-23.25	3	Horizontal	341	1.08
2462MHz	Pass	AV	7.38354G	33.97	54.00	-20.03	3	Horizontal	49	1.52
2462MHz	Pass	PK	4.92412G	42.91	74.00	-31.09	3	Horizontal	341	1.08
2462MHz	Pass	PK	7.38918G	47.45	74.00	-26.55	3	Horizontal	49	1.52
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	50.61	54.00	-3.39	3	Vertical	12	2.10
2412MHz	Pass	AV	2.4156G	106.17	Inf	-Inf	3	Vertical	12	2.10
2412MHz	Pass	PK	2.3892G	64.15	74.00	-9.85	3	Vertical	12	2.10
2412MHz	Pass	PK	2.4144G	118.54	Inf	-Inf	3	Vertical	12	2.10
2412MHz	Pass	AV	2.39G	53.39	54.00	-0.61	3	Horizontal	0	2.02
2412MHz	Pass	AV	2.4098G	108.63	Inf	-Inf	3	Horizontal	0	2.02
2412MHz	Pass	PK	2.39G	66.43	74.00	-7.57	3	Horizontal	0	2.02
2412MHz	Pass	PK	2.4106G	121.83	Inf	-Inf	3	Horizontal	0	2.02

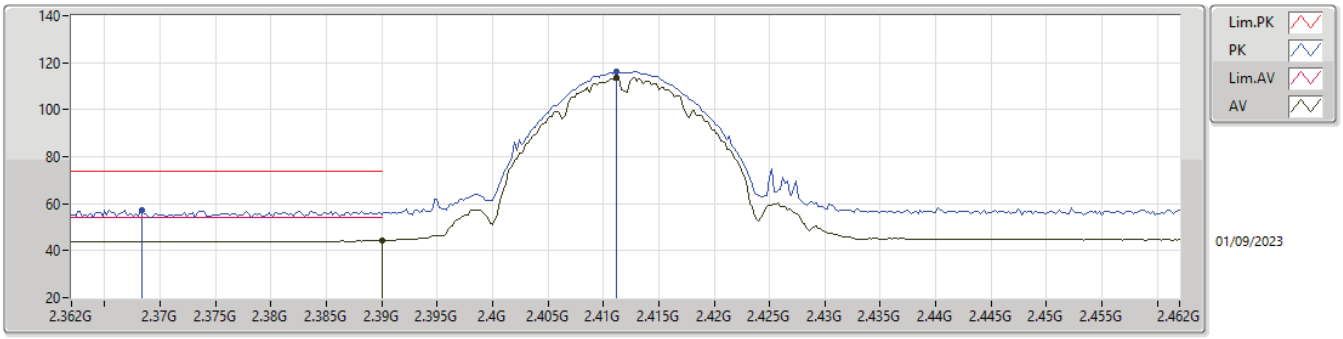
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	AV	4.8162G	28.74	54.00	-25.26	3	Vertical	340	1.50
2412MHz	Pass	PK	4.82514G	43.01	74.00	-30.99	3	Vertical	340	1.50
2412MHz	Pass	AV	4.82394G	28.53	54.00	-25.47	3	Horizontal	329	1.15
2412MHz	Pass	PK	4.83108G	42.00	74.00	-32.00	3	Horizontal	329	1.15
2417MHz	Pass	AV	2.39G	52.87	54.00	-1.13	3	Vertical	6	2.10
2417MHz	Pass	AV	2.42G	108.96	Inf	-Inf	3	Vertical	6	2.10
2417MHz	Pass	PK	2.3892G	66.26	74.00	-7.74	3	Vertical	6	2.10
2417MHz	Pass	PK	2.411G	121.99	Inf	-Inf	3	Vertical	6	2.10
2417MHz	Pass	AV	2.39G	50.55	54.00	-3.45	3	Horizontal	359	2.01
2417MHz	Pass	AV	2.4146G	111.79	Inf	-Inf	3	Horizontal	359	2.01
2417MHz	Pass	PK	2.3896G	65.13	74.00	-8.87	3	Horizontal	359	2.01
2417MHz	Pass	PK	2.4142G	124.59	Inf	-Inf	3	Horizontal	359	2.01
2437MHz	Pass	AV	2.3898G	45.94	54.00	-8.06	3	Vertical	14	2.28
2437MHz	Pass	AV	2.4306G	108.56	Inf	-Inf	3	Vertical	14	2.28
2437MHz	Pass	AV	2.4838G	46.74	54.00	-7.26	3	Vertical	14	2.28
2437MHz	Pass	PK	2.3898G	59.73	74.00	-14.27	3	Vertical	14	2.28
2437MHz	Pass	PK	2.431G	121.56	Inf	-Inf	3	Vertical	14	2.28
2437MHz	Pass	PK	2.4835G	60.02	74.00	-13.98	3	Vertical	14	2.28
2437MHz	Pass	AV	2.3898G	46.11	54.00	-7.89	3	Horizontal	24	1.58
2437MHz	Pass	AV	2.4382G	112.97	Inf	-Inf	3	Horizontal	24	1.58
2437MHz	Pass	AV	2.4835G	49.93	54.00	-4.07	3	Horizontal	24	1.58
2437MHz	Pass	PK	2.3894G	59.73	74.00	-14.27	3	Horizontal	24	1.58
2437MHz	Pass	PK	2.4378G	125.39	Inf	-Inf	3	Horizontal	24	1.58
2437MHz	Pass	PK	2.4838G	63.25	74.00	-10.75	3	Horizontal	24	1.58
2437MHz	Pass	AV	4.88138G	31.06	54.00	-22.94	3	Vertical	315	2.44
2437MHz	Pass	AV	7.30272G	33.54	54.00	-20.46	3	Vertical	355	1.50
2437MHz	Pass	PK	4.88024G	44.39	74.00	-29.61	3	Vertical	315	2.44
2437MHz	Pass	PK	7.30764G	47.23	74.00	-26.77	3	Vertical	355	1.50
2437MHz	Pass	AV	4.87316G	29.95	54.00	-24.05	3	Horizontal	344	1.97
2437MHz	Pass	AV	7.30722G	35.00	54.00	-19.00	3	Horizontal	52	1.00
2437MHz	Pass	PK	4.87478G	43.55	74.00	-30.45	3	Horizontal	344	1.97
2437MHz	Pass	PK	7.30314G	50.18	74.00	-23.82	3	Horizontal	52	1.00
2457MHz	Pass	AV	2.4628G	105.20	Inf	-Inf	3	Vertical	334	1.00
2457MHz	Pass	AV	2.4844G	47.91	54.00	-6.09	3	Vertical	334	1.00
2457MHz	Pass	PK	2.4638G	118.12	Inf	-Inf	3	Vertical	334	1.00
2457MHz	Pass	PK	2.4882G	61.13	74.00	-12.87	3	Vertical	334	1.00
2457MHz	Pass	AV	2.46G	110.91	Inf	-Inf	3	Horizontal	0	2.18
2457MHz	Pass	AV	2.4836G	53.12	54.00	-0.88	3	Horizontal	0	2.18
2457MHz	Pass	PK	2.4592G	123.86	Inf	-Inf	3	Horizontal	0	2.18
2457MHz	Pass	PK	2.4836G	66.55	74.00	-7.45	3	Horizontal	0	2.18
2462MHz	Pass	AV	2.4588G	105.65	Inf	-Inf	3	Vertical	337	1.00
2462MHz	Pass	AV	2.4835G	49.93	54.00	-4.07	3	Vertical	337	1.00
2462MHz	Pass	PK	2.4572G	119.28	Inf	-Inf	3	Vertical	337	1.00
2462MHz	Pass	PK	2.4836G	62.46	74.00	-11.54	3	Vertical	337	1.00
2462MHz	Pass	AV	2.4576G	110.99	Inf	-Inf	3	Horizontal	20	1.77
2462MHz	Pass	AV	2.4835G	53.72	54.00	-0.28	3	Horizontal	20	1.77
2462MHz	Pass	PK	2.4672G	124.70	Inf	-Inf	3	Horizontal	20	1.77
2462MHz	Pass	PK	2.4836G	66.18	74.00	-7.82	3	Horizontal	20	1.77
2462MHz	Pass	AV	4.91998G	29.21	54.00	-24.79	3	Vertical	42	1.50
2462MHz	Pass	AV	7.37888G	33.36	54.00	-20.64	3	Vertical	322	2.78
2462MHz	Pass	PK	4.91872G	42.51	74.00	-31.49	3	Vertical	42	1.50
2462MHz	Pass	PK	7.38164G	46.42	74.00	-27.58	3	Vertical	322	2.78
2462MHz	Pass	AV	4.92394G	30.20	54.00	-23.80	3	Horizontal	339	1.09
2462MHz	Pass	AV	7.38312G	33.67	54.00	-20.33	3	Horizontal	320	1.83
2462MHz	Pass	PK	4.90924G	42.23	74.00	-31.77	3	Horizontal	339	1.09
2462MHz	Pass	PK	7.38342G	47.61	74.00	-26.39	3	Horizontal	320	1.83
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3896G	52.15	54.00	-1.85	3	Vertical	13	2.34
2422MHz	Pass	AV	2.4164G	104.14	Inf	-Inf	3	Vertical	13	2.34
2422MHz	Pass	AV	2.4852G	46.14	54.00	-7.86	3	Vertical	13	2.34
2422MHz	Pass	PK	2.39G	67.14	74.00	-6.86	3	Vertical	13	2.34
2422MHz	Pass	PK	2.4156G	117.15	Inf	-Inf	3	Vertical	13	2.34

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2422MHz	Pass	PK	2.4864G	59.31	74.00	-14.69	3	Vertical	13	2.34
2422MHz	Pass	AV	2.39G	53.52	54.00	-0.48	3	Horizontal	8	2.21
2422MHz	Pass	AV	2.4312G	107.79	Inf	-Inf	3	Horizontal	8	2.21
2422MHz	Pass	AV	2.4835G	50.85	54.00	-3.15	3	Horizontal	8	2.21
2422MHz	Pass	PK	2.3884G	66.62	74.00	-7.38	3	Horizontal	8	2.21
2422MHz	Pass	PK	2.4296G	120.70	Inf	-Inf	3	Horizontal	8	2.21
2422MHz	Pass	PK	2.4844G	64.65	74.00	-9.35	3	Horizontal	8	2.21
2422MHz	Pass	AV	4.83432G	27.86	54.00	-26.14	3	Vertical	201	1.89
2422MHz	Pass	AV	7.25736G	33.69	54.00	-20.31	3	Vertical	243	2.50
2422MHz	Pass	PK	4.84644G	41.92	74.00	-32.08	3	Vertical	201	1.89
2422MHz	Pass	PK	7.26056G	47.12	74.00	-26.88	3	Vertical	243	2.50
2422MHz	Pass	AV	4.84652G	27.91	54.00	-26.09	3	Horizontal	86	1.74
2422MHz	Pass	AV	7.26016G	33.66	54.00	-20.34	3	Horizontal	305	1.08
2422MHz	Pass	PK	4.84088G	41.20	74.00	-32.80	3	Horizontal	86	1.74
2422MHz	Pass	PK	7.25928G	46.86	74.00	-27.14	3	Horizontal	305	1.08
2437MHz	Pass	AV	2.3898G	46.05	54.00	-7.95	3	Vertical	46	1.50
2437MHz	Pass	AV	2.4402G	100.77	Inf	-Inf	3	Vertical	46	1.50
2437MHz	Pass	AV	2.487G	46.42	54.00	-7.58	3	Vertical	46	1.50
2437MHz	Pass	PK	2.3898G	58.85	74.00	-15.15	3	Vertical	46	1.50
2437MHz	Pass	PK	2.4394G	113.61	Inf	-Inf	3	Vertical	46	1.50
2437MHz	Pass	PK	2.487G	59.55	74.00	-14.45	3	Vertical	46	1.50
2437MHz	Pass	AV	2.3898G	47.11	54.00	-6.89	3	Horizontal	24	1.58
2437MHz	Pass	AV	2.4426G	107.29	Inf	-Inf	3	Horizontal	24	1.58
2437MHz	Pass	AV	2.4835G	53.24	54.00	-0.76	3	Horizontal	24	1.58
2437MHz	Pass	PK	2.3898G	59.15	74.00	-14.85	3	Horizontal	24	1.58
2437MHz	Pass	PK	2.4426G	120.47	Inf	-Inf	3	Horizontal	24	1.58
2437MHz	Pass	PK	2.4838G	66.39	74.00	-7.61	3	Horizontal	24	1.58
2437MHz	Pass	AV	4.88188G	28.17	54.00	-25.83	3	Vertical	49	1.82
2437MHz	Pass	AV	7.30192G	33.37	54.00	-20.63	3	Vertical	170	2.70
2437MHz	Pass	PK	4.8782G	42.06	74.00	-31.94	3	Vertical	49	1.82
2437MHz	Pass	PK	7.31628G	47.17	74.00	-26.83	3	Vertical	170	2.70
2437MHz	Pass	AV	4.8784G	28.12	54.00	-25.88	3	Horizontal	263	1.06
2437MHz	Pass	AV	7.301G	33.46	54.00	-20.54	3	Horizontal	33	2.28
2437MHz	Pass	PK	4.87844G	41.80	74.00	-32.20	3	Horizontal	263	1.06
2437MHz	Pass	PK	7.30736G	46.89	74.00	-27.11	3	Horizontal	33	2.28
2447MHz	Pass	AV	2.3866G	44.40	54.00	-9.60	3	Vertical	28	2.44
2447MHz	Pass	AV	2.4482G	99.34	Inf	-Inf	3	Vertical	28	2.44
2447MHz	Pass	AV	2.4835G	47.29	54.00	-6.71	3	Vertical	28	2.44
2447MHz	Pass	PK	2.3866G	57.44	74.00	-16.56	3	Vertical	28	2.44
2447MHz	Pass	PK	2.4482G	111.82	Inf	-Inf	3	Vertical	28	2.44
2447MHz	Pass	PK	2.4835G	60.84	74.00	-13.16	3	Vertical	28	2.44
2447MHz	Pass	AV	2.3898G	44.46	54.00	-9.54	3	Horizontal	360	1.96
2447MHz	Pass	AV	2.4498G	105.39	Inf	-Inf	3	Horizontal	360	1.96
2447MHz	Pass	AV	2.4835G	52.94	54.00	-1.06	3	Horizontal	360	1.96
2447MHz	Pass	PK	2.3866G	58.01	74.00	-15.99	3	Horizontal	360	1.96
2447MHz	Pass	PK	2.4502G	118.12	Inf	-Inf	3	Horizontal	360	1.96
2447MHz	Pass	PK	2.4842G	68.64	74.00	-5.36	3	Horizontal	360	1.96
2452MHz	Pass	AV	2.4588G	105.65	Inf	-Inf	3	Vertical	337	1.00
2452MHz	Pass	AV	2.4835G	49.93	54.00	-4.07	3	Vertical	337	1.00
2452MHz	Pass	PK	2.4572G	119.28	Inf	-Inf	3	Vertical	337	1.00
2452MHz	Pass	PK	2.4836G	62.46	74.00	-11.54	3	Vertical	337	1.00
2452MHz	Pass	AV	2.4576G	110.99	Inf	-Inf	3	Horizontal	20	1.77
2452MHz	Pass	AV	2.4835G	53.72	54.00	-0.28	3	Horizontal	20	1.77
2452MHz	Pass	PK	2.4672G	124.70	Inf	-Inf	3	Horizontal	20	1.77
2452MHz	Pass	PK	2.4836G	66.18	74.00	-7.82	3	Horizontal	20	1.77
2452MHz	Pass	AV	4.91998G	29.21	54.00	-24.79	3	Vertical	42	1.50
2452MHz	Pass	AV	7.34996G	33.46	54.00	-20.54	3	Vertical	124	2.37
2452MHz	Pass	PK	4.91872G	42.51	74.00	-31.49	3	Vertical	42	1.50
2452MHz	Pass	PK	7.35284G	46.43	74.00	-27.57	3	Vertical	124	2.37
2452MHz	Pass	AV	4.92394G	30.20	54.00	-23.80	3	Horizontal	339	1.09
2452MHz	Pass	AV	7.38312G	33.67	54.00	-20.33	3	Horizontal	320	1.83
2452MHz	Pass	PK	4.90924G	42.23	74.00	-31.77	3	Horizontal	339	1.09

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2452MHz	Pass	PK	7.38342G	47.61	74.00	-26.39	3	Horizontal	320	1.83

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

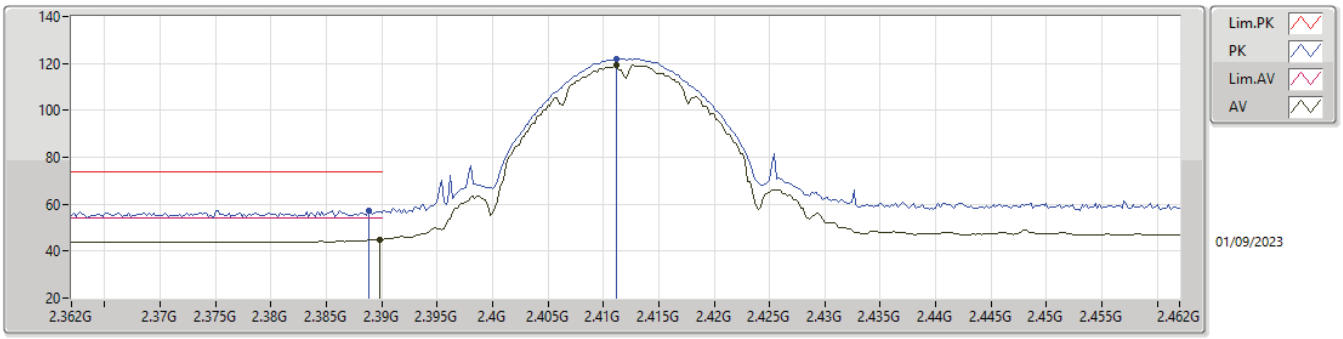
2412MHz_TX



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	2.39G	44.30	54.00	-9.70	31.77	3	Vertical	346	2.55	12.53	27.52	4.25	-
AV	2.4112G	113.45	Inf	-Inf	31.89	3	Vertical	346	2.55	81.56	27.62	4.27	-
PK	2.3684G	57.48	74.00	-16.52	31.58	3	Vertical	346	2.55	25.90	27.35	4.23	-
PK	2.4112G	116.11	Inf	-Inf	31.89	3	Vertical	346	2.55	84.22	27.62	4.27	-

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

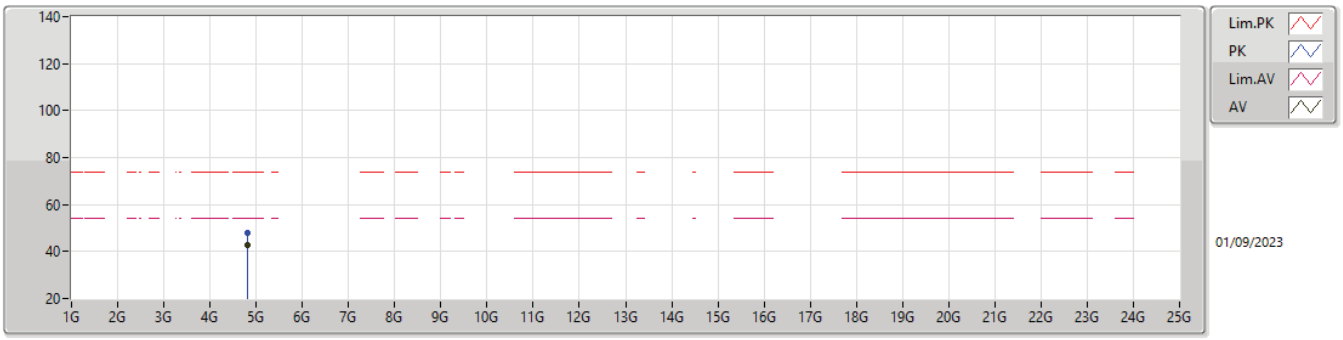
2412MHz_TX



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	2.3898G	45.03	54.00	-8.97	31.77	3	Horizontal	21	1.62	13.26	27.52	4.25	-
AV	2.4112G	119.42	Inf	-Inf	31.89	3	Horizontal	21	1.62	87.53	27.62	4.27	-
PK	2.3888G	57.46	74.00	-16.54	31.76	3	Horizontal	21	1.62	25.70	27.51	4.25	-
PK	2.4112G	122.09	Inf	-Inf	31.89	3	Horizontal	21	1.62	90.20	27.62	4.27	-

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

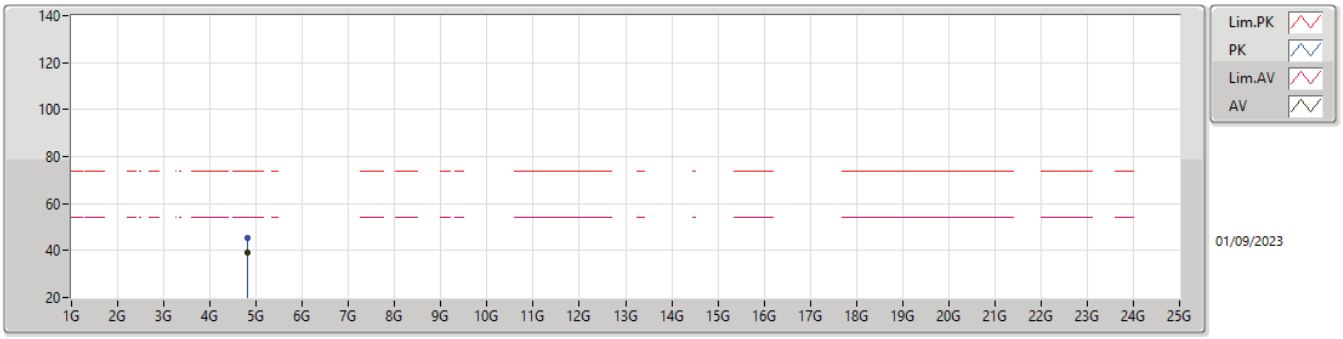
2412MHz_TX



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	4.824G	42.65	54.00	-11.35	4.34	3	Vertical	332	1.77	38.31	32.34	6.18	34.18
PK	4.82388G	47.81	74.00	-26.19	4.34	3	Vertical	332	1.77	43.47	32.34	6.18	34.18

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

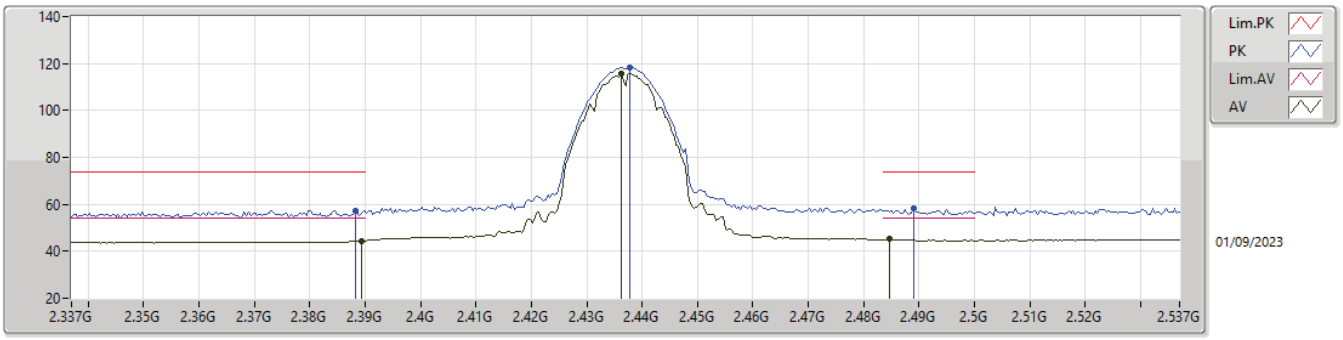
2412MHz_TX



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	4.824G	38.99	54.00	-15.01	4.34	3	Horizontal	360	2.64	34.65	32.34	6.18	34.18
PK	4.82388G	45.20	74.00	-28.80	4.34	3	Horizontal	360	2.64	40.86	32.34	6.18	34.18

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

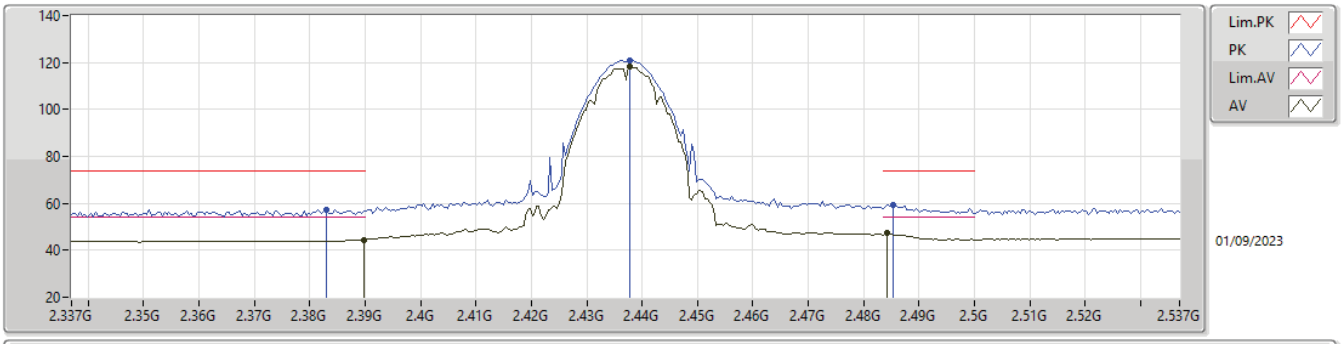
2437MHz_TX



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	2.3894G	44.52	54.00	-9.48	31.77	3	Vertical	15	2.10	12.75	27.52	4.25	-
AV	2.4362G	115.57	Inf	-Inf	31.95	3	Vertical	15	2.10	83.62	27.67	4.28	-
AV	2.4846G	45.09	54.00	-8.91	32.15	3	Vertical	15	2.10	12.94	27.84	4.31	-
PK	2.3882G	57.40	74.00	-16.60	31.76	3	Vertical	15	2.10	25.64	27.51	4.25	-
PK	2.4378G	118.29	Inf	-Inf	31.96	3	Vertical	15	2.10	86.33	27.68	4.28	-
PK	2.489G	58.10	74.00	-15.90	32.17	3	Vertical	15	2.10	25.93	27.86	4.31	-

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

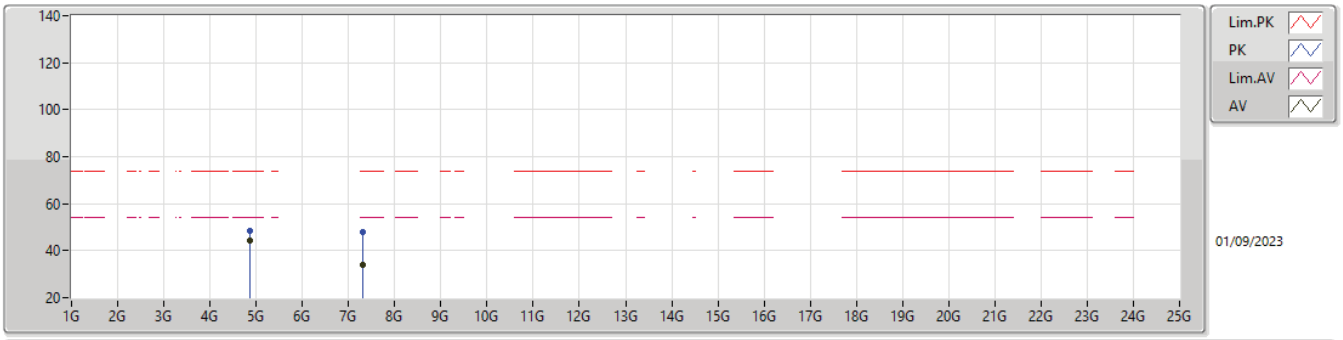
2437MHz_TX



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	44.56	54.00	-9.44	31.77	3	Horizontal	344	1.79	12.79	27.52	4.25	-
AV	2.4378G	118.22	Inf	-Inf	31.96	3	Horizontal	344	1.79	86.26	27.68	4.28	-
AV	2.4842G	47.21	54.00	-6.79	32.15	3	Horizontal	344	1.79	15.06	27.84	4.31	-
PK	2.383G	57.43	74.00	-16.57	31.71	3	Horizontal	344	1.79	25.72	27.46	4.25	-
PK	2.4378G	121.04	Inf	-Inf	31.96	3	Horizontal	344	1.79	89.08	27.68	4.28	-
PK	2.4854G	59.41	74.00	-14.59	32.15	3	Horizontal	344	1.79	27.26	27.84	4.31	-

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

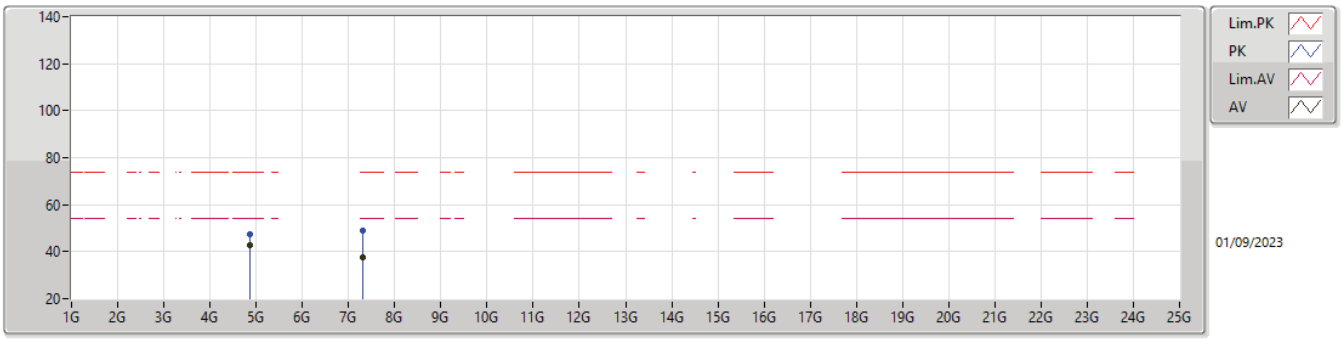
2437MHz_TX



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	44.47	54.00	-9.53	4.64	3	Vertical	329	2.02	39.83	32.60	6.21	34.17
AV	7.30926G	33.73	54.00	-20.27	10.06	3	Vertical	338	1.50	23.67	36.76	7.80	34.50
PK	4.87388G	48.39	74.00	-25.61	4.64	3	Vertical	329	2.02	43.75	32.60	6.21	34.17
PK	7.31088G	47.81	74.00	-26.19	10.06	3	Vertical	338	1.50	37.75	36.76	7.80	34.50

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

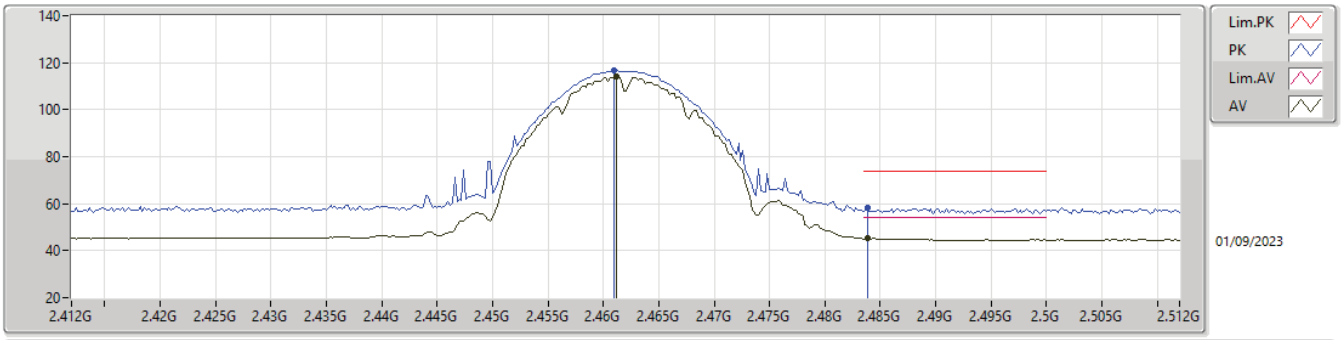
2437MHz_TX



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	42.60	54.00	-11.40	4.64	3	Horizontal	345	1.96	37.96	32.60	6.21	34.17
AV	7.3098G	37.35	54.00	-16.65	10.06	3	Horizontal	317	2.04	27.29	36.76	7.80	34.50
PK	4.874G	47.54	74.00	-26.46	4.64	3	Horizontal	345	1.96	42.90	32.60	6.21	34.17
PK	7.31022G	48.73	74.00	-25.27	10.06	3	Horizontal	317	2.04	38.67	36.76	7.80	34.50

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

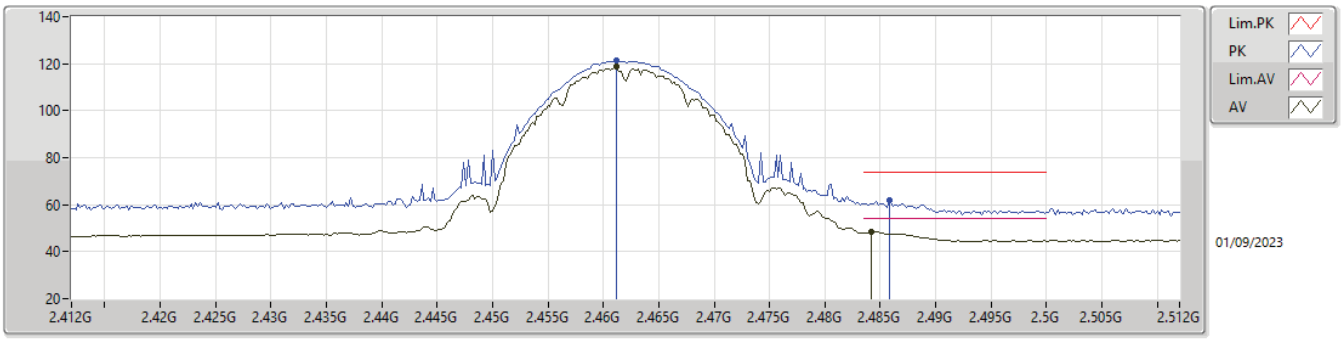
2462MHz_TX



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	2.4612G	114.03	Inf	-Inf	32.04	3	Vertical	17	2.46	81.99	27.74	4.30	-
AV	2.4838G	45.18	54.00	-8.82	32.15	3	Vertical	17	2.46	13.03	27.84	4.31	-
PK	2.461G	116.77	Inf	-Inf	32.04	3	Vertical	17	2.46	84.73	27.74	4.30	-
PK	2.4838G	58.15	74.00	-15.85	32.15	3	Vertical	17	2.46	26.00	27.84	4.31	-

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

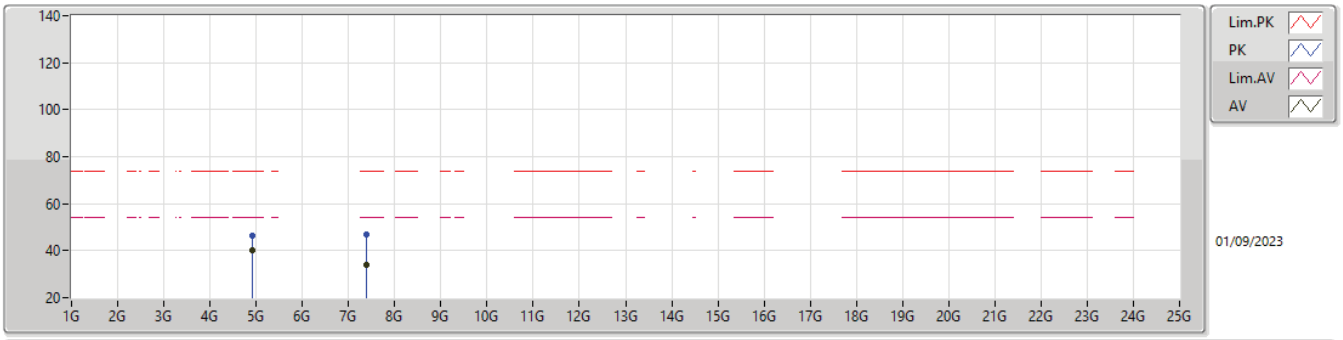
2462MHz_TX



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	2.4612G	118.63	Inf	-Inf	32.04	3	Horizontal	345	2.17	86.59	27.74	4.30	-
AV	2.4842G	48.24	54.00	-5.76	32.15	3	Horizontal	345	2.17	16.09	27.84	4.31	-
PK	2.4612G	121.26	Inf	-Inf	32.04	3	Horizontal	345	2.17	89.22	27.74	4.30	-
PK	2.4858G	61.88	74.00	-12.12	32.15	3	Horizontal	345	2.17	29.73	27.84	4.31	-

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

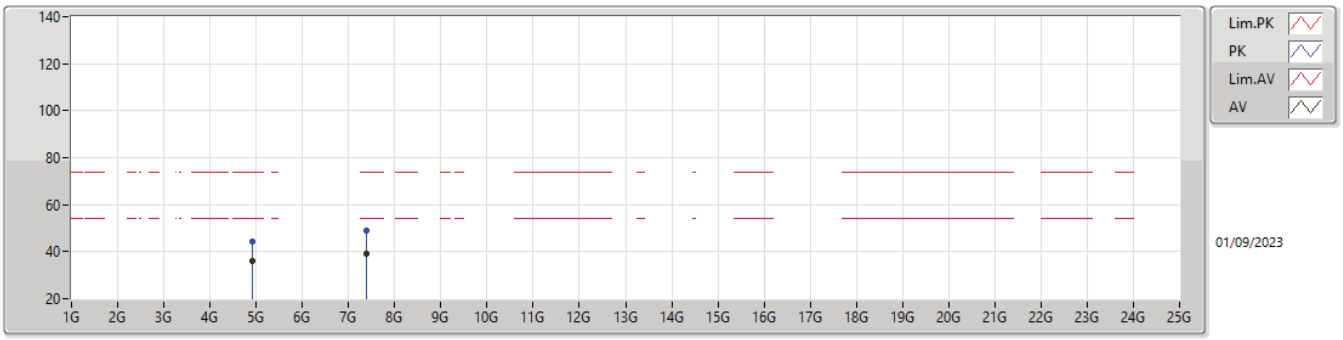
2462MHz_TX



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	4.924G	40.15	54.00	-13.85	4.94	3	Vertical	312	1.48	35.21	32.84	6.25	34.15
AV	7.38468G	34.18	54.00	-19.82	9.79	3	Vertical	353	1.25	24.39	36.46	7.84	34.51
PK	4.924G	46.43	74.00	-27.57	4.94	3	Vertical	312	1.48	41.49	32.84	6.25	34.15
PK	7.38468G	47.15	74.00	-26.85	9.79	3	Vertical	353	1.25	37.36	36.46	7.84	34.51

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

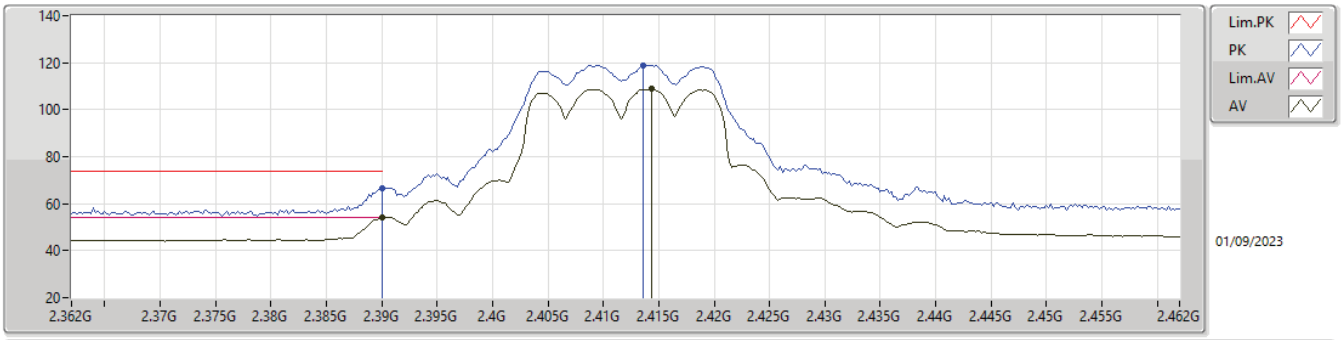
2462MHz_TX



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	4.924G	36.05	54.00	-17.95	4.94	3	Horizontal	339	1.49	31.11	32.84	6.25	34.15
AV	7.38474G	38.99	54.00	-15.01	9.79	3	Horizontal	323	1.87	29.20	36.46	7.84	34.51
PK	4.924G	44.32	74.00	-29.68	4.94	3	Horizontal	339	1.49	39.38	32.84	6.25	34.15
PK	7.38492G	48.94	74.00	-25.06	9.79	3	Horizontal	323	1.87	39.15	36.46	7.84	34.51

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

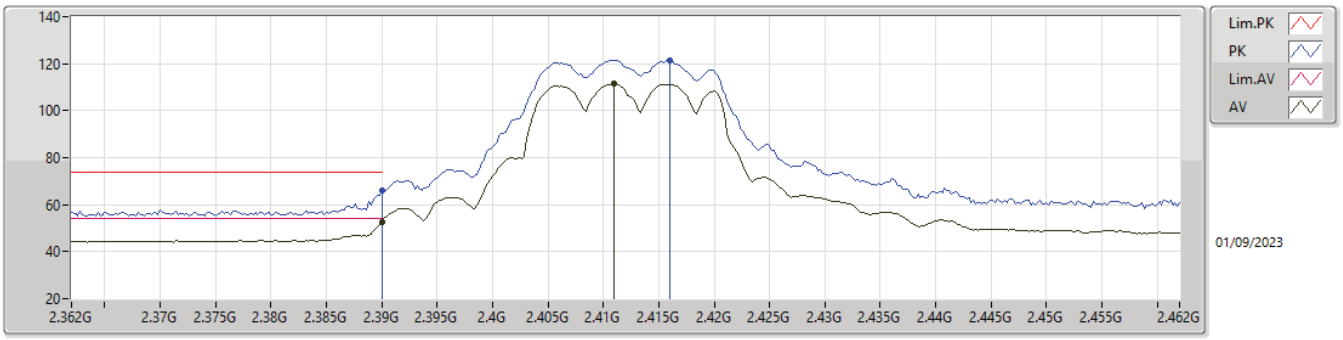
2412MHz_TX



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	53.91	54.00	-0.09	31.77	3	Vertical	12	2.32	22.14	27.52	4.25	-
AV	2.4144G	108.82	Inf	-Inf	31.90	3	Vertical	12	2.32	76.92	27.63	4.27	-
PK	2.39G	66.36	74.00	-7.64	31.77	3	Vertical	12	2.32	34.59	27.52	4.25	-
PK	2.4136G	118.96	Inf	-Inf	31.90	3	Vertical	12	2.32	87.06	27.63	4.27	-

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

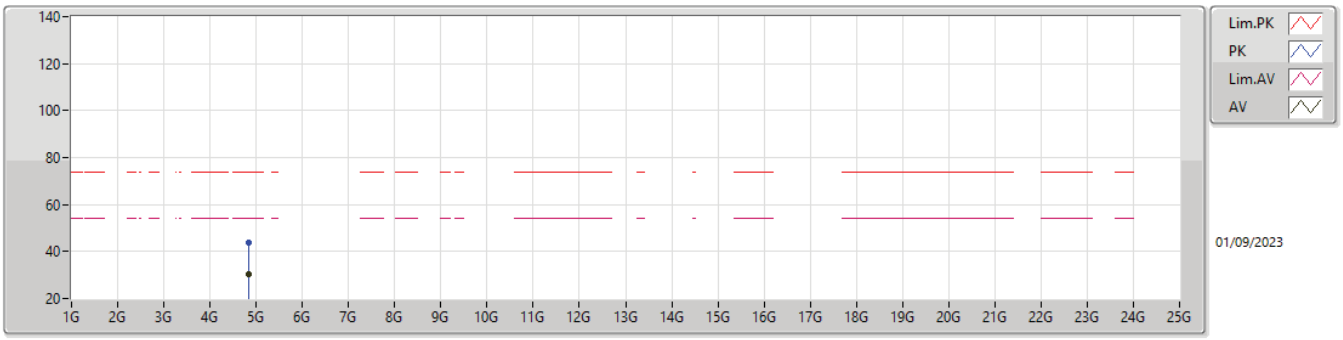
2412MHz_TX



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	52.81	54.00	-1.19	31.77	3	Horizontal	0	1.82	21.04	27.52	4.25	-
AV	2.411G	111.41	Inf	-Inf	31.89	3	Horizontal	0	1.82	79.52	27.62	4.27	-
PK	2.39G	65.79	74.00	-8.21	31.77	3	Horizontal	0	1.82	34.02	27.52	4.25	-
PK	2.416G	121.36	Inf	-Inf	31.90	3	Horizontal	0	1.82	89.46	27.63	4.27	-

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

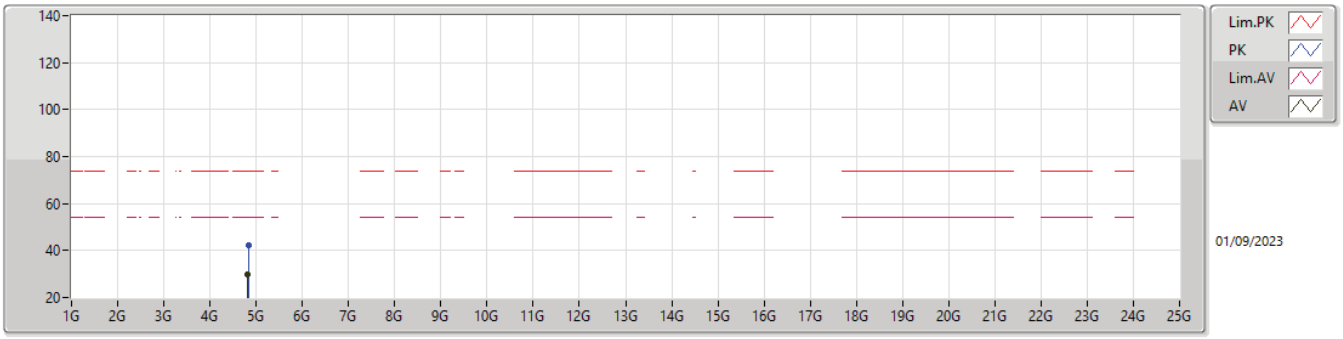
2412MHz_TX



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	4.82604G	30.48	54.00	-23.52	4.36	3	Vertical	44	1.50	26.12	32.36	6.18	34.18
PK	4.82646G	43.89	74.00	-30.11	4.36	3	Vertical	44	1.50	39.53	32.36	6.18	34.18

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

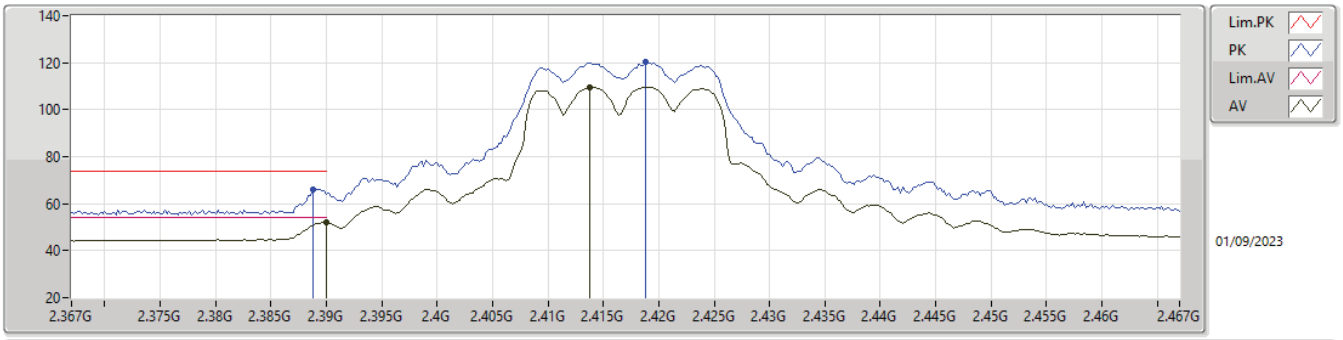
2412MHz_TX



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	4.82406G	29.86	54.00	-24.14	4.34	3	Horizontal	358	2.61	25.52	32.34	6.18	34.18
PK	4.83012G	42.44	74.00	-31.56	4.38	3	Horizontal	358	2.61	38.06	32.38	6.18	34.18

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

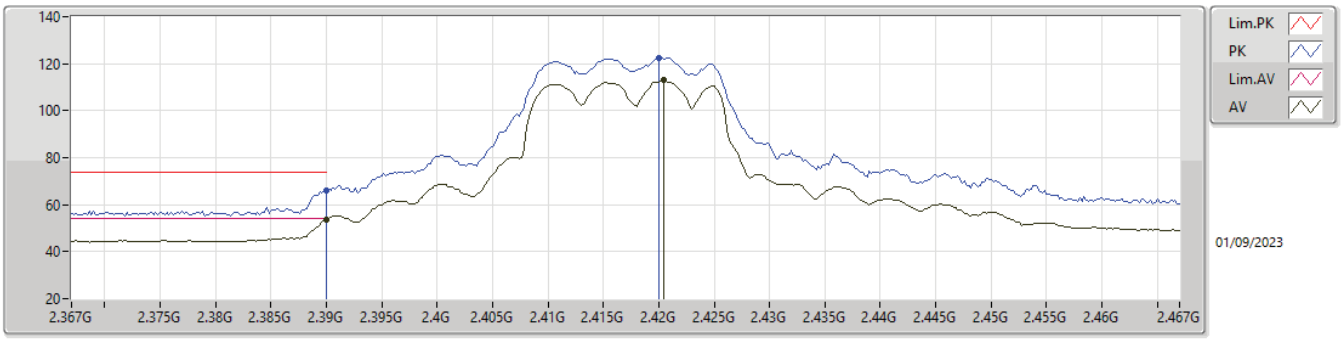
2417MHz_TX



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	2.39G	52.06	54.00	-1.94	31.77	3	Vertical	12	2.12	20.29	27.52	4.25	-
AV	2.4138G	109.72	Inf	-Inf	31.90	3	Vertical	12	2.12	77.82	27.63	4.27	-
PK	2.3888G	65.95	74.00	-8.05	31.76	3	Vertical	12	2.12	34.19	27.51	4.25	-
PK	2.4188G	120.34	Inf	-Inf	31.91	3	Vertical	12	2.12	88.43	27.64	4.27	-

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

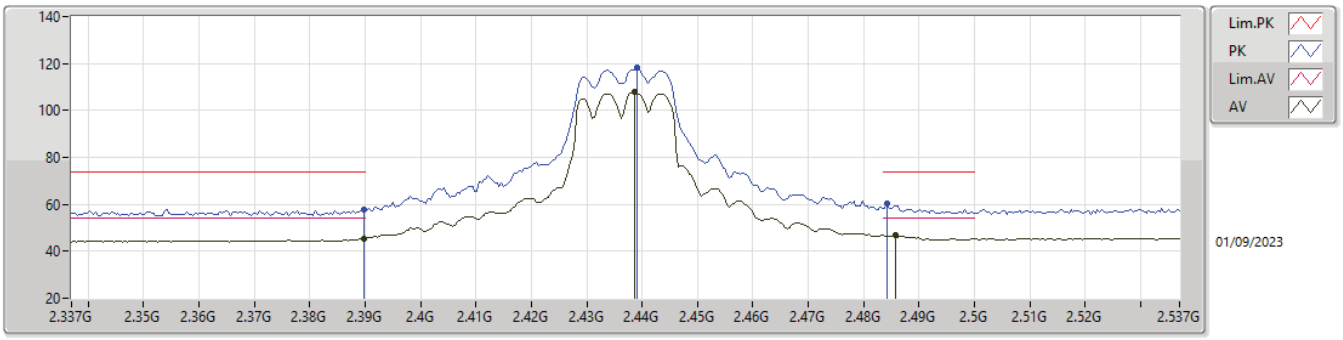
2417MHz_TX



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	53.60	54.00	-0.40	31.77	3	Horizontal	350	2.22	21.83	27.52	4.25	-
AV	2.4204G	112.87	Inf	-Inf	31.91	3	Horizontal	350	2.22	80.96	27.64	4.27	-
PK	2.39G	65.95	74.00	-8.05	31.77	3	Horizontal	350	2.22	34.18	27.52	4.25	-
PK	2.42G	122.49	Inf	-Inf	31.91	3	Horizontal	350	2.22	90.58	27.64	4.27	-

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

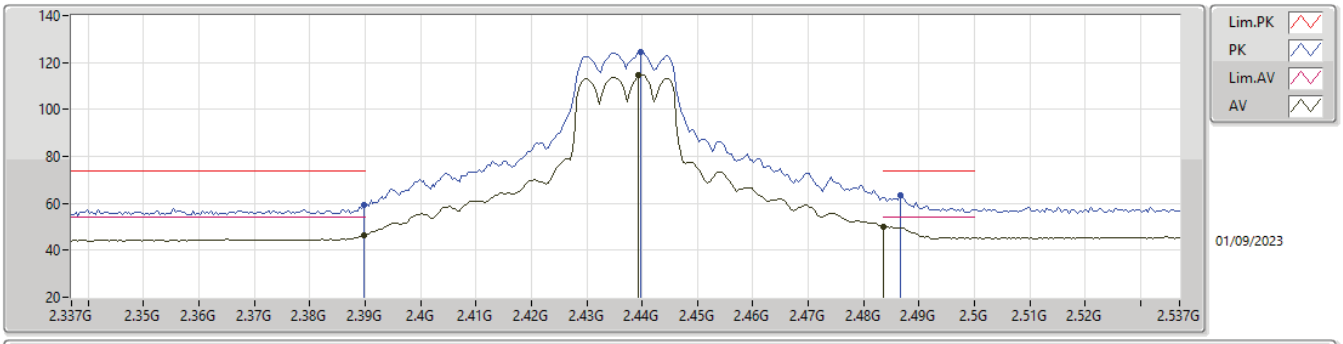
2437MHz_TX



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	2.3898G	45.53	54.00	-8.47	31.77	3	Vertical	46	1.50	13.76	27.52	4.25	-
AV	2.4386G	107.78	Inf	-Inf	31.96	3	Vertical	46	1.50	75.82	27.68	4.28	-
AV	2.4858G	46.71	54.00	-7.29	32.15	3	Vertical	46	1.50	14.56	27.84	4.31	-
PK	2.3898G	57.76	74.00	-16.24	31.77	3	Vertical	46	1.50	25.99	27.52	4.25	-
PK	2.439G	118.28	Inf	-Inf	31.96	3	Vertical	46	1.50	86.32	27.68	4.28	-
PK	2.4842G	60.40	74.00	-13.60	32.15	3	Vertical	46	1.50	28.25	27.84	4.31	-

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

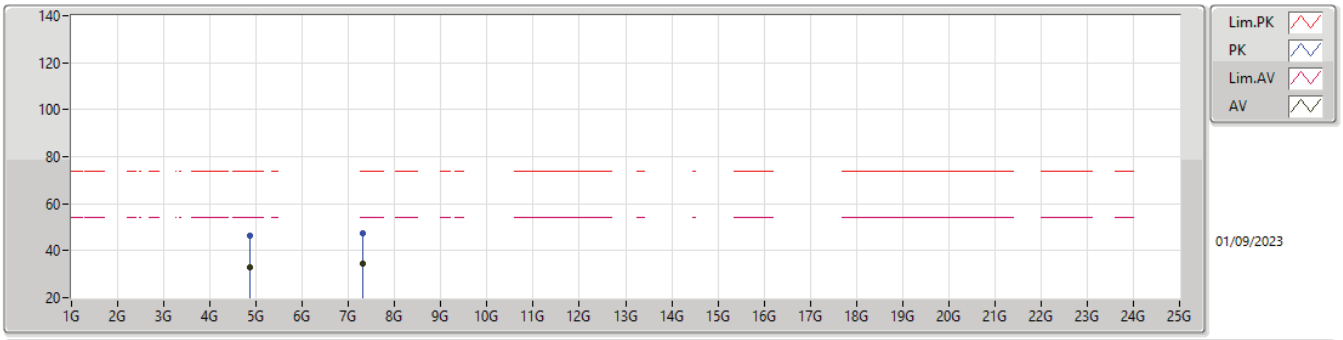
2437MHz_TX



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	2.3898G	46.48	54.00	-7.52	31.77	3	Horizontal	22	1.56	14.71	27.52	4.25	-
AV	2.4394G	114.78	Inf	-Inf	31.96	3	Horizontal	22	1.56	82.82	27.68	4.28	-
AV	2.4835G	50.11	54.00	-3.89	32.14	3	Horizontal	22	1.56	17.97	27.83	4.31	-
PK	2.3898G	59.07	74.00	-14.93	31.77	3	Horizontal	22	1.56	27.30	27.52	4.25	-
PK	2.4398G	124.66	Inf	-Inf	31.96	3	Horizontal	22	1.56	92.70	27.68	4.28	-
PK	2.4866G	63.43	74.00	-10.57	32.16	3	Horizontal	22	1.56	31.27	27.85	4.31	-

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

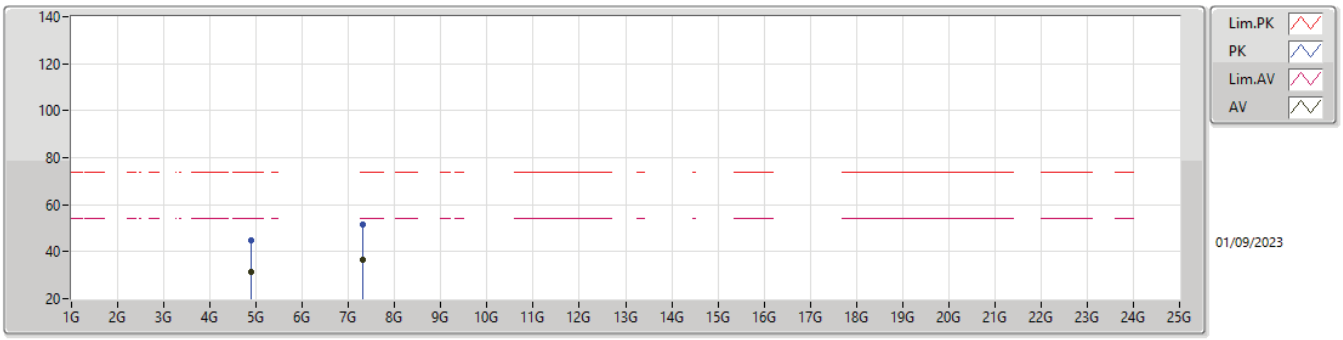
2437MHz_TX



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	4.877G	32.83	54.00	-21.17	4.66	3	Vertical	312	2.56	28.17	32.61	6.21	34.16
AV	7.30344G	34.45	54.00	-19.55	10.08	3	Vertical	341	1.20	24.37	36.79	7.79	34.50
PK	4.87676G	46.48	74.00	-27.52	4.66	3	Vertical	312	2.56	41.82	32.61	6.21	34.16
PK	7.3086G	47.46	74.00	-26.54	10.07	3	Vertical	341	1.20	37.39	36.77	7.80	34.50

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

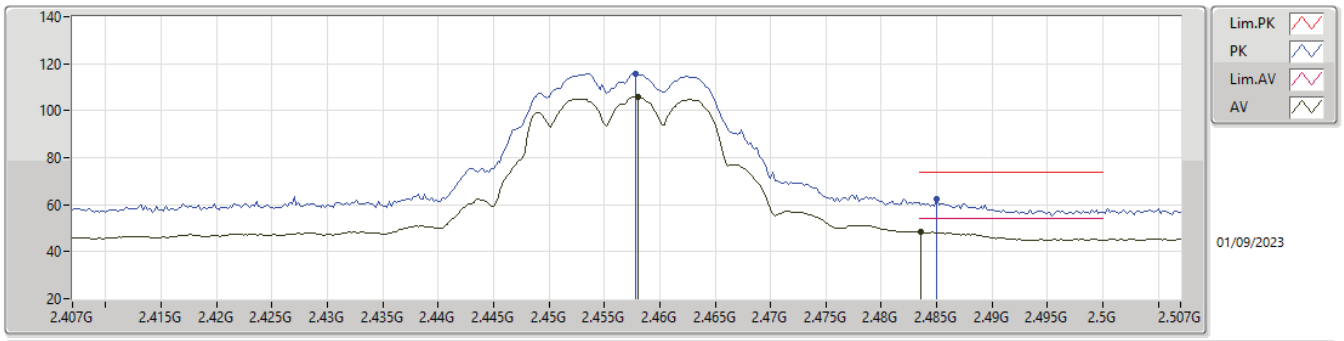
2437MHz_TX



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	4.87808G	31.25	54.00	-22.75	4.66	3	Horizontal	349	2.13	26.59	32.61	6.21	34.16
AV	7.30824G	36.79	54.00	-17.21	10.06	3	Horizontal	320	1.90	26.73	36.77	7.79	34.50
PK	4.87826G	44.67	74.00	-29.33	4.66	3	Horizontal	349	2.13	40.01	32.61	6.21	34.16
PK	7.31364G	51.78	74.00	-22.22	10.05	3	Horizontal	320	1.90	41.73	36.75	7.80	34.50

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

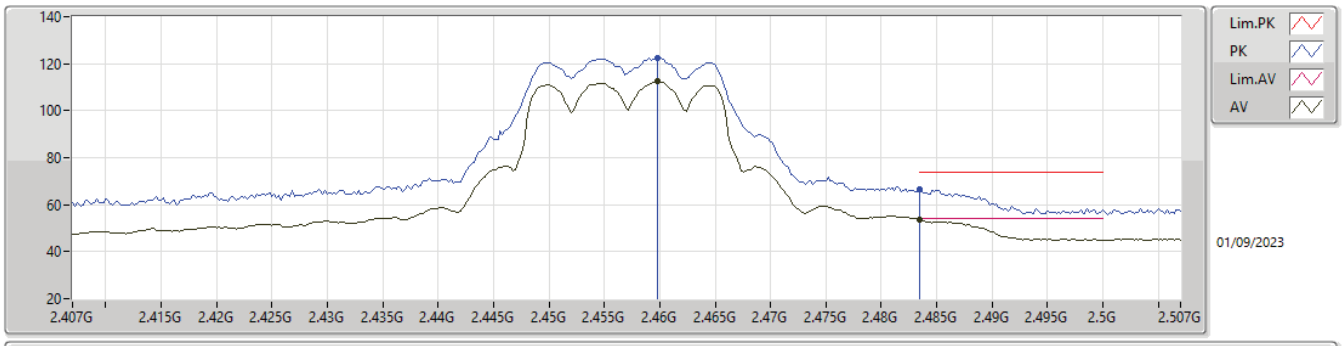
2457MHz_TX



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	2.458G	105.86	Inf	-Inf	32.02	3	Vertical	38	1.00	73.84	27.73	4.29	-
AV	2.4836G	48.28	54.00	-5.72	32.14	3	Vertical	38	1.00	16.14	27.83	4.31	-
PK	2.4578G	115.81	Inf	-Inf	32.02	3	Vertical	38	1.00	83.79	27.73	4.29	-
PK	2.485G	62.25	74.00	-11.75	32.15	3	Vertical	38	1.00	30.10	27.84	4.31	-

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

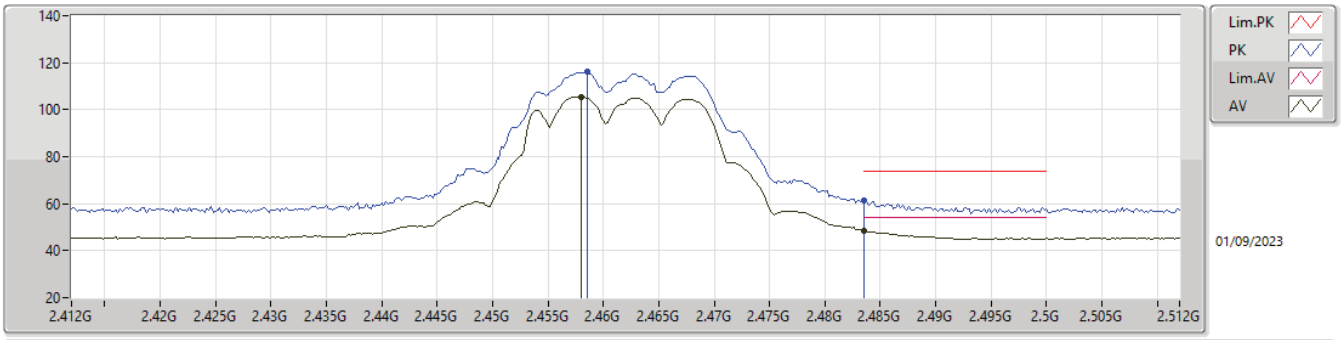
2457MHz_TX



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	2.4598G	112.37	Inf	-Inf	32.04	3	Horizontal	21	1.75	80.33	27.74	4.30	-
AV	2.4835G	53.46	54.00	-0.54	32.14	3	Horizontal	21	1.75	21.32	27.83	4.31	-
PK	2.4598G	122.40	Inf	-Inf	32.04	3	Horizontal	21	1.75	90.36	27.74	4.30	-
PK	2.4835G	66.59	74.00	-7.41	32.14	3	Horizontal	21	1.75	34.45	27.83	4.31	-

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

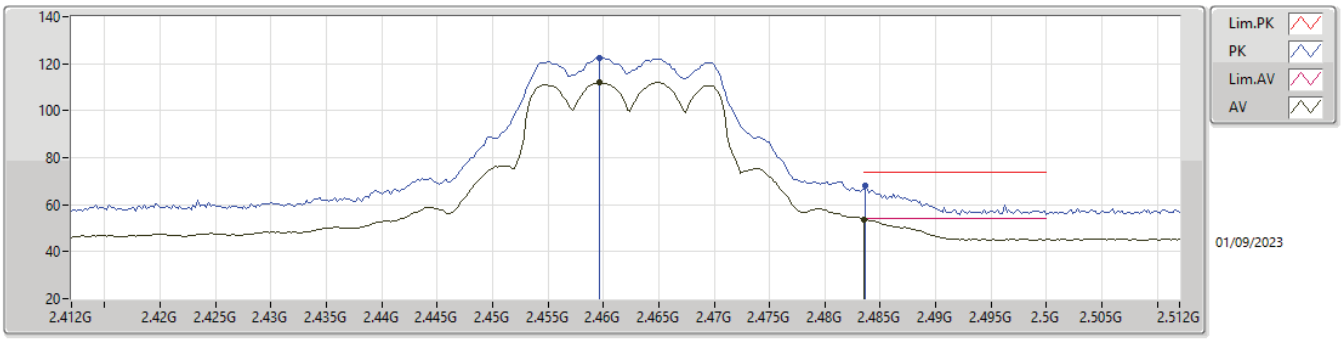
2462MHz_TX



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	2.458G	105.41	Inf	-Inf	32.02	3	Vertical	38	1.00	73.39	27.73	4.29	-
AV	2.4835G	48.48	54.00	-5.52	32.14	3	Vertical	38	1.00	16.34	27.83	4.31	-
PK	2.4586G	116.16	Inf	-Inf	32.03	3	Vertical	38	1.00	84.13	27.73	4.30	-
PK	2.4835G	61.41	74.00	-12.59	32.14	3	Vertical	38	1.00	29.27	27.83	4.31	-

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

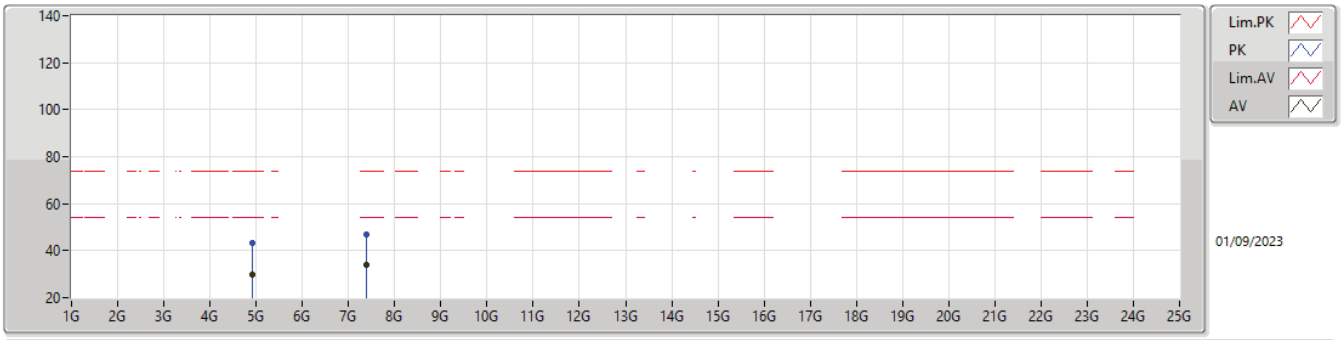
2462MHz_TX



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	2.4596G	111.89	Inf	-Inf	32.04	3	Horizontal	23	1.77	79.85	27.74	4.30	-
AV	2.4835G	53.53	54.00	-0.47	32.14	3	Horizontal	23	1.77	21.39	27.83	4.31	-
PK	2.4596G	122.54	Inf	-Inf	32.04	3	Horizontal	23	1.77	90.50	27.74	4.30	-
PK	2.4836G	67.86	74.00	-6.14	32.14	3	Horizontal	23	1.77	35.72	27.83	4.31	-

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

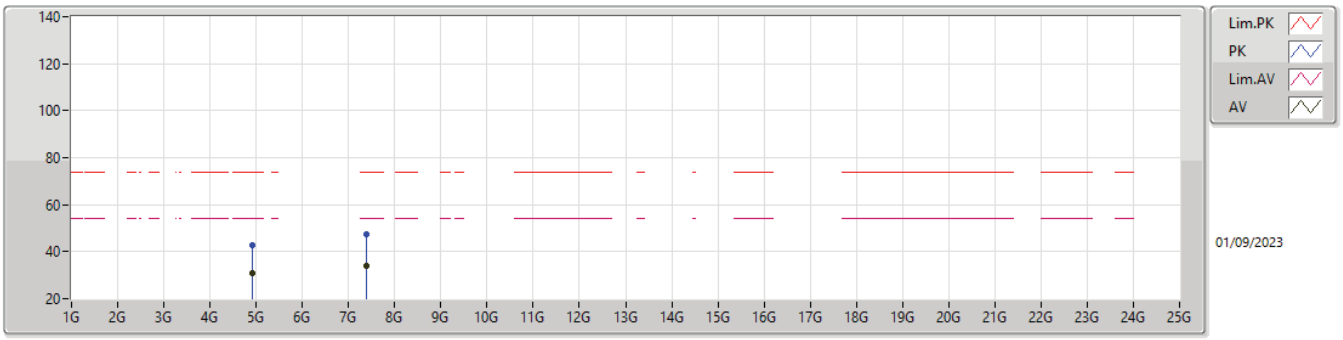
2462MHz_TX



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	4.91686G	29.96	54.00	-24.04	4.89	3	Vertical	48	1.50	25.07	32.80	6.24	34.15
AV	7.37496G	33.90	54.00	-20.10	9.83	3	Vertical	248	2.87	24.07	36.50	7.83	34.50
PK	4.92166G	43.26	74.00	-30.74	4.93	3	Vertical	48	1.50	38.33	32.83	6.25	34.15
PK	7.37934G	46.79	74.00	-27.21	9.81	3	Vertical	248	2.87	36.98	36.48	7.84	34.51

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

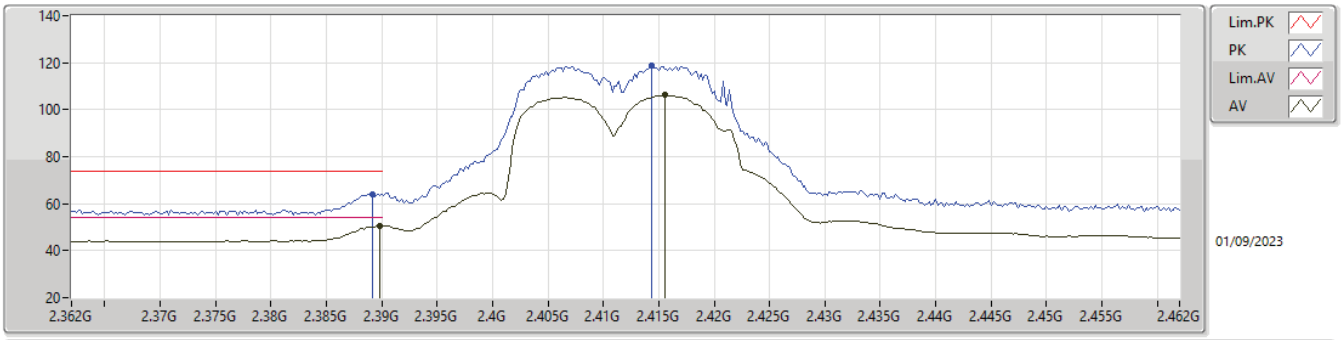
2462MHz_TX



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	4.92388G	30.75	54.00	-23.25	4.94	3	Horizontal	341	1.08	25.81	32.84	6.25	34.15
AV	7.38354G	33.97	54.00	-20.03	9.80	3	Horizontal	49	1.52	24.17	36.47	7.84	34.51
PK	4.92412G	42.91	74.00	-31.09	4.94	3	Horizontal	341	1.08	37.97	32.84	6.25	34.15
PK	7.38918G	47.45	74.00	-26.55	9.77	3	Horizontal	49	1.52	37.68	36.44	7.84	34.51

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

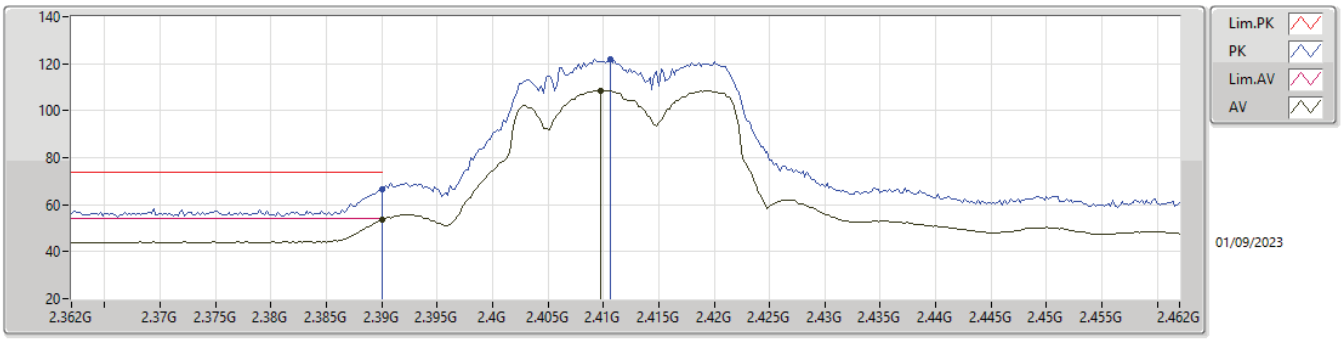
2412MHz_TX



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	2.3898G	50.61	54.00	-3.39	31.77	3	Vertical	12	2.10	18.84	27.52	4.25	-
AV	2.4156G	106.17	Inf	-Inf	31.90	3	Vertical	12	2.10	74.27	27.63	4.27	-
PK	2.3892G	64.15	74.00	-9.85	31.76	3	Vertical	12	2.10	32.39	27.51	4.25	-
PK	2.4144G	118.54	Inf	-Inf	31.90	3	Vertical	12	2.10	86.64	27.63	4.27	-

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

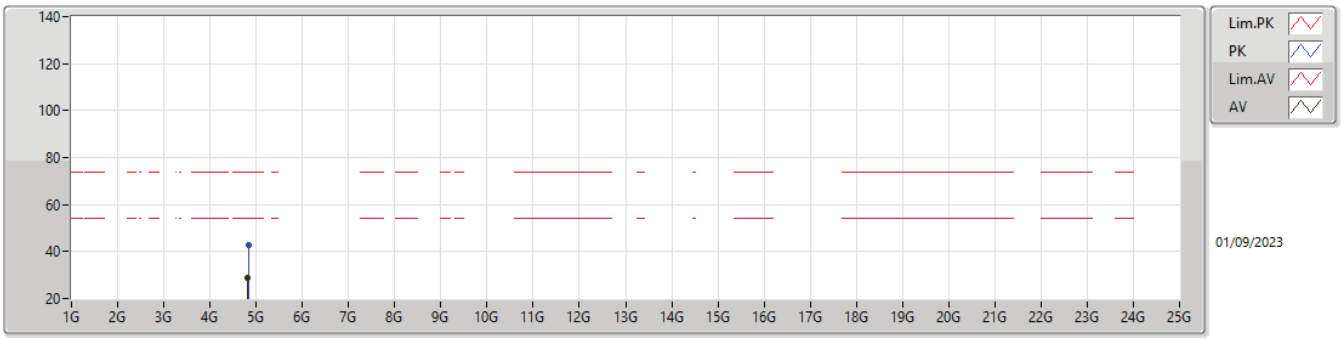
2412MHz_TX



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	53.39	54.00	-0.61	31.77	3	Horizontal	0	2.02	21.62	27.52	4.25	-
AV	2.4098G	108.63	Inf	-Inf	31.89	3	Horizontal	0	2.02	76.74	27.62	4.27	-
PK	2.39G	66.43	74.00	-7.57	31.77	3	Horizontal	0	2.02	34.66	27.52	4.25	-
PK	2.4106G	121.83	Inf	-Inf	31.89	3	Horizontal	0	2.02	89.94	27.62	4.27	-

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

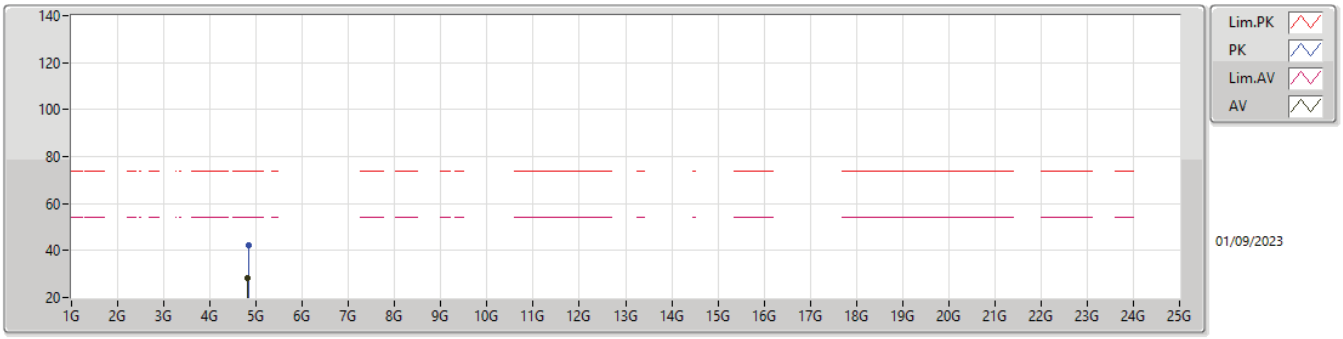
2412MHz_TX



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	4.8162G	28.74	54.00	-25.26	4.28	3	Vertical	340	1.50	24.46	32.30	6.17	34.19
PK	4.82514G	43.01	74.00	-30.99	4.35	3	Vertical	340	1.50	38.66	32.35	6.18	34.18

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

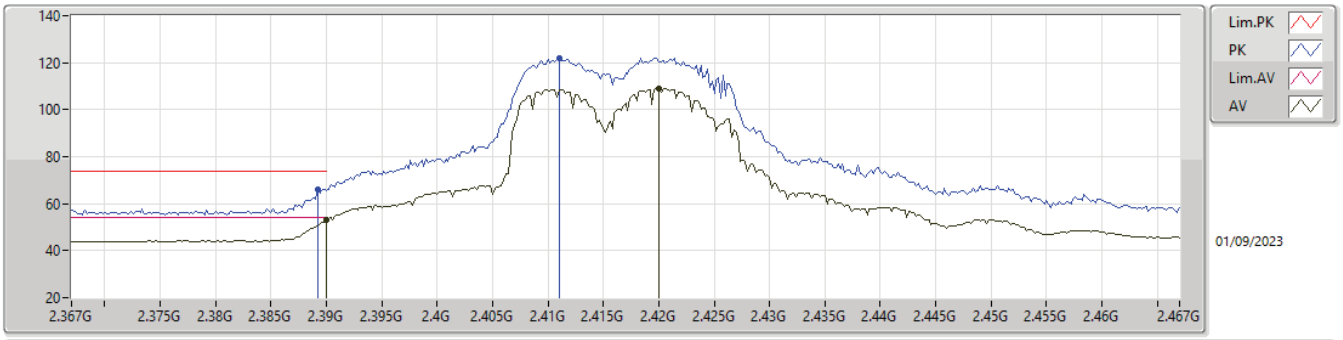
2412MHz_TX



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	4.82394G	28.53	54.00	-25.47	4.34	3	Horizontal	329	1.15	24.19	32.34	6.18	34.18
PK	4.83108G	42.00	74.00	-32.00	4.39	3	Horizontal	329	1.15	37.61	32.39	6.18	34.18

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

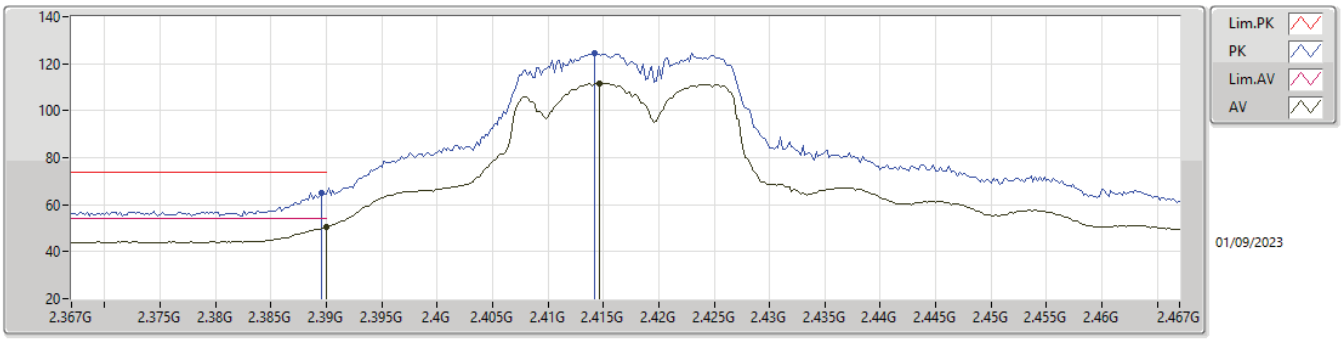
2417MHz_TX



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	2.39G	52.87	54.00	-1.13	31.77	3	Vertical	6	2.10	21.10	27.52	4.25	-
AV	2.42G	108.96	Inf	-Inf	31.91	3	Vertical	6	2.10	77.05	27.64	4.27	-
PK	2.3892G	66.26	74.00	-7.74	31.76	3	Vertical	6	2.10	34.50	27.51	4.25	-
PK	2.411G	121.99	Inf	-Inf	31.89	3	Vertical	6	2.10	90.10	27.62	4.27	-

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

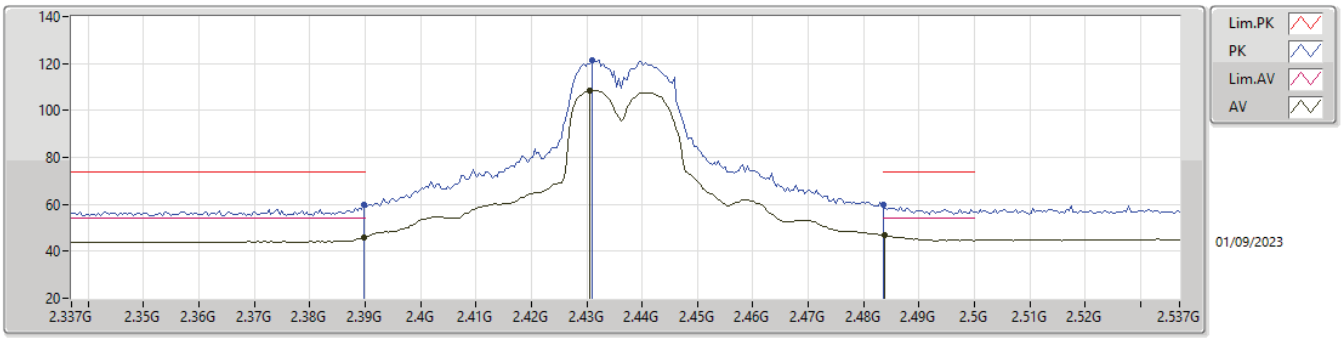
2417MHz_TX



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	50.55	54.00	-3.45	31.77	3	Horizontal	359	2.01	18.78	27.52	4.25	-
AV	2.4146G	111.79	Inf	-Inf	31.90	3	Horizontal	359	2.01	79.89	27.63	4.27	-
PK	2.3896G	65.13	74.00	-8.87	31.77	3	Horizontal	359	2.01	33.36	27.52	4.25	-
PK	2.4142G	124.59	Inf	-Inf	31.90	3	Horizontal	359	2.01	92.69	27.63	4.27	-

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

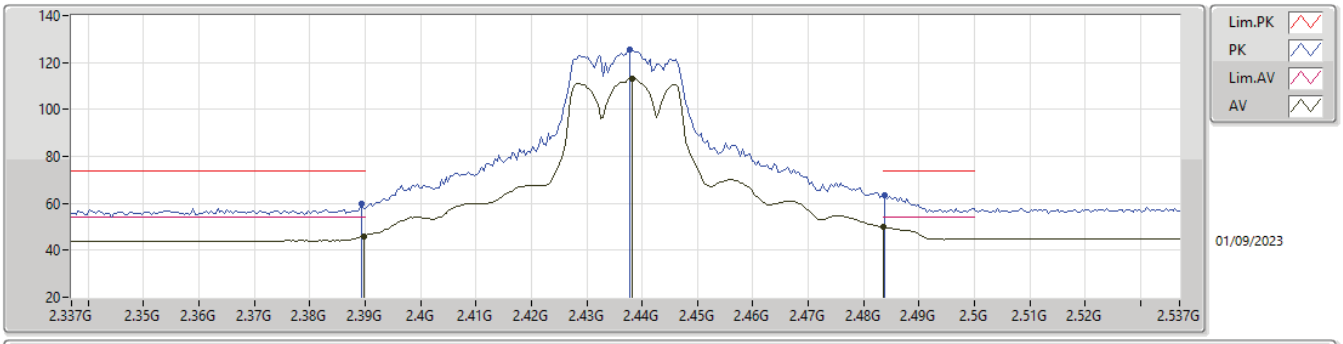
2437MHz_TX



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	45.94	54.00	-8.06	31.77	3	Vertical	14	2.28	14.17	27.52	4.25	-
AV	2.4306G	108.56	Inf	-Inf	31.94	3	Vertical	14	2.28	76.62	27.66	4.28	-
AV	2.4838G	46.74	54.00	-7.26	32.15	3	Vertical	14	2.28	14.59	27.84	4.31	-
PK	2.3898G	59.73	74.00	-14.27	31.77	3	Vertical	14	2.28	27.96	27.52	4.25	-
PK	2.431G	121.56	Inf	-Inf	31.94	3	Vertical	14	2.28	89.62	27.66	4.28	-
PK	2.4835G	60.02	74.00	-13.98	32.14	3	Vertical	14	2.28	27.88	27.83	4.31	-

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

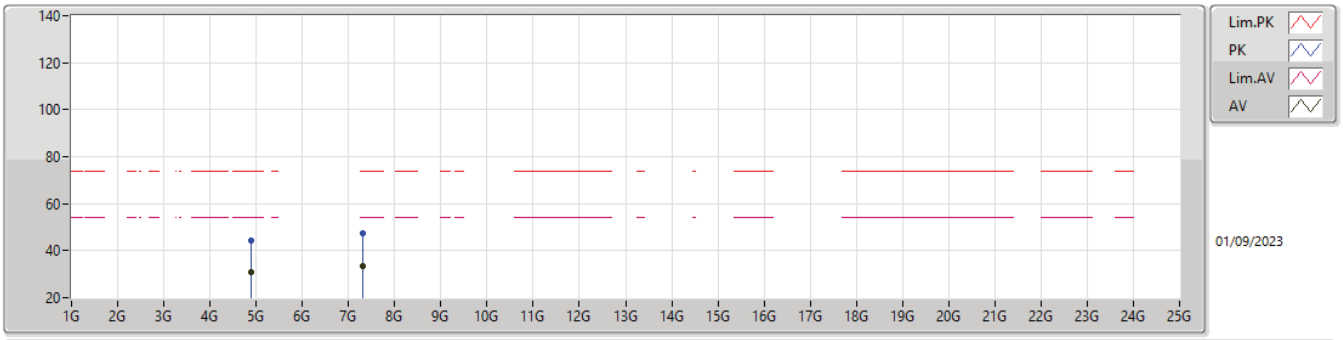
2437MHz_TX



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	46.11	54.00	-7.89	31.77	3	Horizontal	24	1.58	14.34	27.52	4.25	-
AV	2.4382G	112.97	Inf	-Inf	31.96	3	Horizontal	24	1.58	81.01	27.68	4.28	-
AV	2.4835G	49.93	54.00	-4.07	32.14	3	Horizontal	24	1.58	17.79	27.83	4.31	-
PK	2.3894G	59.73	74.00	-14.27	31.77	3	Horizontal	24	1.58	27.96	27.52	4.25	-
PK	2.4378G	125.39	Inf	-Inf	31.96	3	Horizontal	24	1.58	93.43	27.68	4.28	-
PK	2.4838G	63.25	74.00	-10.75	32.15	3	Horizontal	24	1.58	31.10	27.84	4.31	-

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

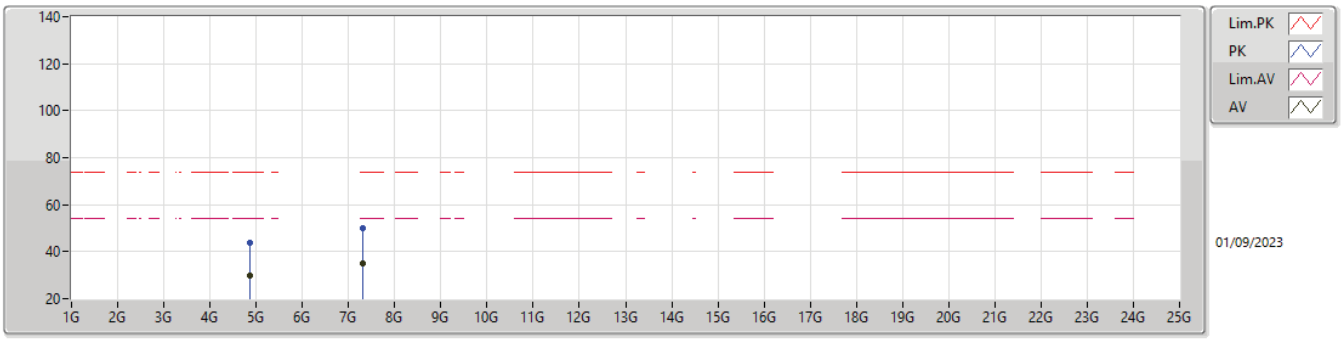
2437MHz_TX



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	4.88138G	31.06	54.00	-22.94	4.69	3	Vertical	315	2.44	26.37	32.63	6.22	34.16
AV	7.30272G	33.54	54.00	-20.46	10.08	3	Vertical	355	1.50	23.46	36.79	7.79	34.50
PK	4.88024G	44.39	74.00	-29.61	4.68	3	Vertical	315	2.44	39.71	32.62	6.22	34.16
PK	7.30764G	47.23	74.00	-26.77	10.06	3	Vertical	355	1.50	37.17	36.77	7.79	34.50

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

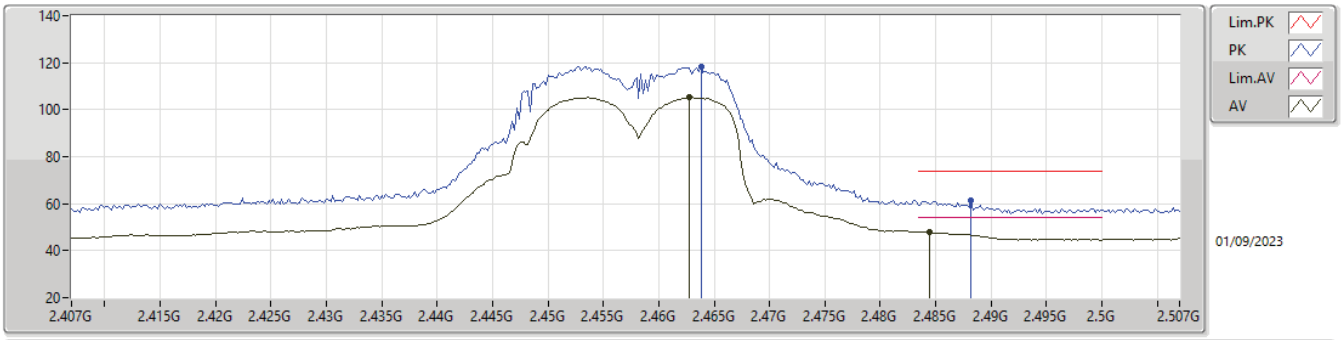
2437MHz_TX



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	4.87316G	29.95	54.00	-24.05	4.63	3	Horizontal	344	1.97	25.32	32.59	6.21	34.17
AV	7.30722G	35.00	54.00	-19.00	10.06	3	Horizontal	52	1.00	24.94	36.77	7.79	34.50
PK	4.87478G	43.55	74.00	-30.45	4.64	3	Horizontal	344	1.97	38.91	32.60	6.21	34.17
PK	7.30314G	50.18	74.00	-23.82	10.08	3	Horizontal	52	1.00	40.10	36.79	7.79	34.50

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

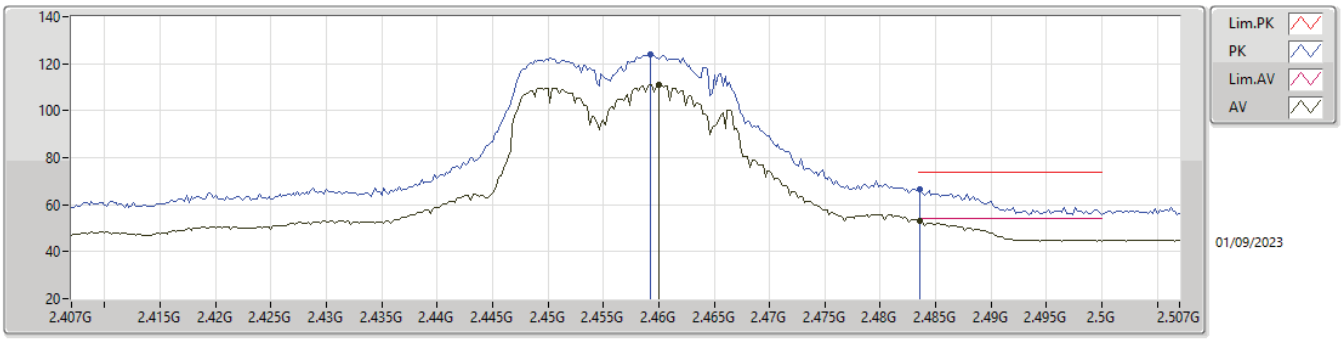
2457MHz_TX



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	2.4628G	105.20	Inf	-Inf	32.05	3	Vertical	334	1.00	73.15	27.75	4.30	-
AV	2.4844G	47.91	54.00	-6.09	32.15	3	Vertical	334	1.00	15.76	27.84	4.31	-
PK	2.4638G	118.12	Inf	-Inf	32.06	3	Vertical	334	1.00	86.06	27.76	4.30	-
PK	2.4882G	61.13	74.00	-12.87	32.16	3	Vertical	334	1.00	28.97	27.85	4.31	-

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

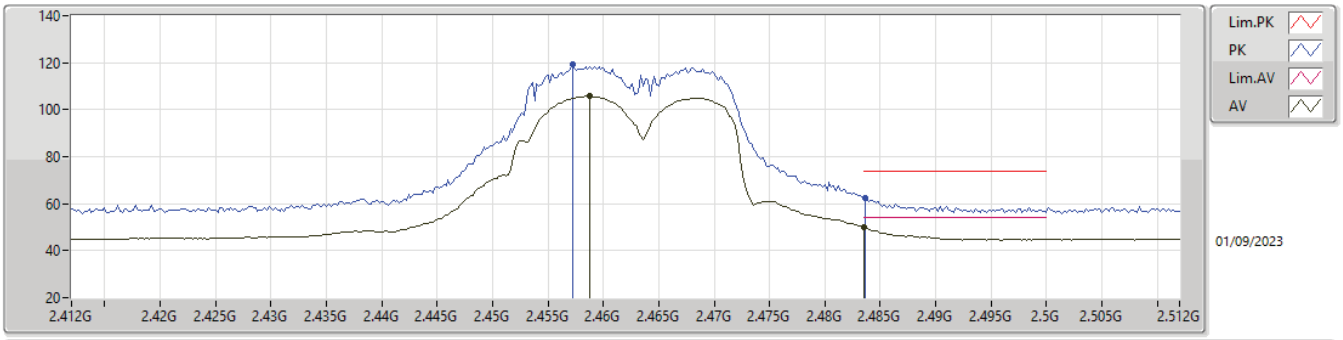
2457MHz_TX



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	2.46G	110.91	Inf	-Inf	32.04	3	Horizontal	0	2.18	78.87	27.74	4.30	-
AV	2.4836G	53.12	54.00	-0.88	32.14	3	Horizontal	0	2.18	20.98	27.83	4.31	-
PK	2.4592G	123.86	Inf	-Inf	32.04	3	Horizontal	0	2.18	91.82	27.74	4.30	-
PK	2.4836G	66.55	74.00	-7.45	32.14	3	Horizontal	0	2.18	34.41	27.83	4.31	-

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

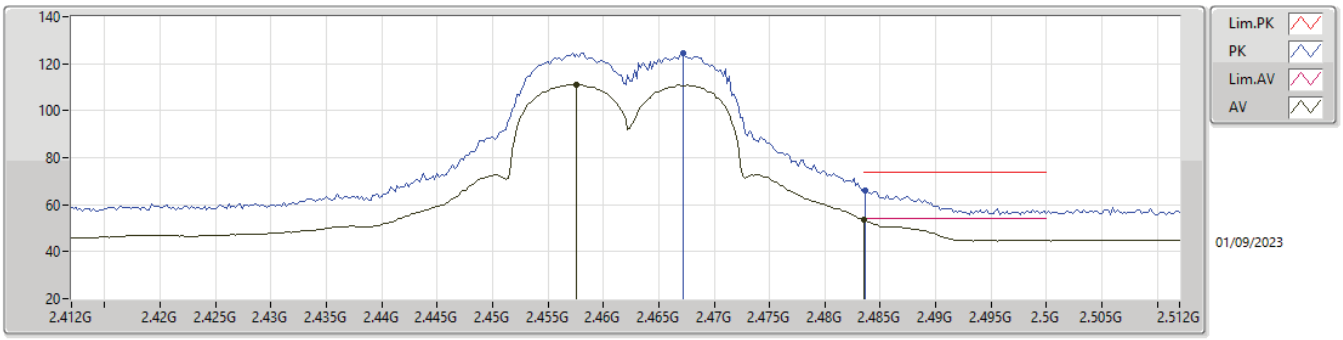
2462MHz_TX



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	2.4588G	105.65	Inf	-Inf	32.04	3	Vertical	337	1.00	73.61	27.74	4.30	-
AV	2.4835G	49.93	54.00	-4.07	32.14	3	Vertical	337	1.00	17.79	27.83	4.31	-
PK	2.4572G	119.28	Inf	-Inf	32.02	3	Vertical	337	1.00	87.26	27.73	4.29	-
PK	2.4836G	62.46	74.00	-11.54	32.14	3	Vertical	337	1.00	30.32	27.83	4.31	-

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

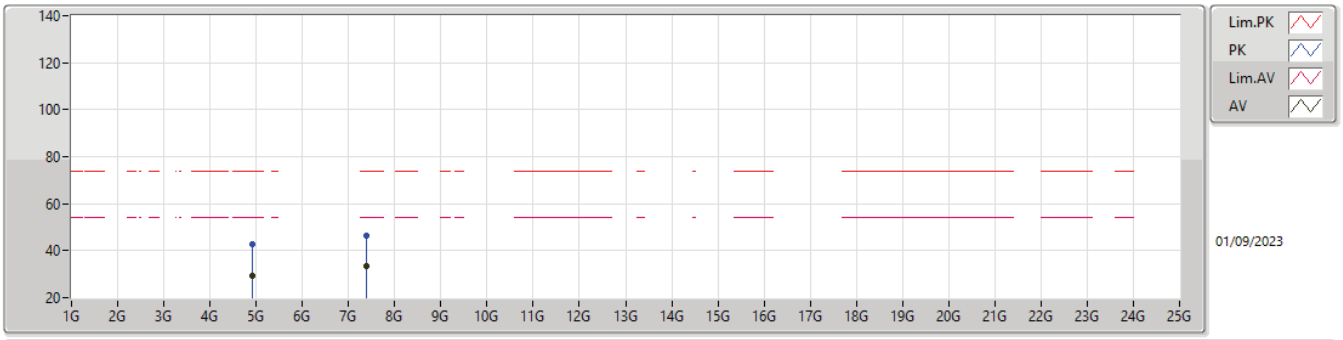
2462MHz_TX



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	2.4576G	110.99	Inf	-Inf	32.02	3	Horizontal	20	1.77	78.97	27.73	4.29	-
AV	2.4835G	53.72	54.00	-0.28	32.14	3	Horizontal	20	1.77	21.58	27.83	4.31	-
PK	2.4672G	124.70	Inf	-Inf	32.07	3	Horizontal	20	1.77	92.63	27.77	4.30	-
PK	2.4836G	66.18	74.00	-7.82	32.14	3	Horizontal	20	1.77	34.04	27.83	4.31	-

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

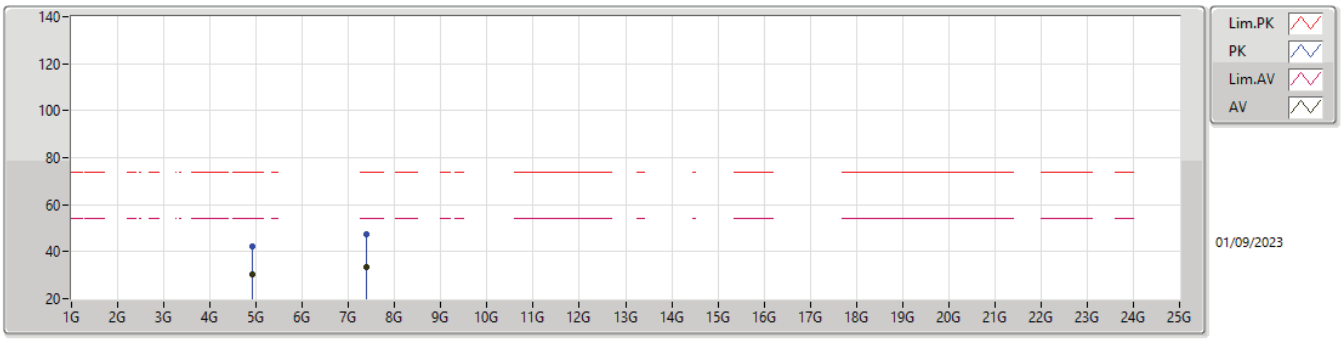
2462MHz_TX



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	4.91998G	29.21	54.00	-24.79	4.91	3	Vertical	42	1.50	24.30	32.82	6.24	34.15
AV	7.37888G	33.36	54.00	-20.64	9.81	3	Vertical	322	2.78	23.55	36.48	7.84	34.51
PK	4.91872G	42.51	74.00	-31.49	4.90	3	Vertical	42	1.50	37.61	32.81	6.24	34.15
PK	7.38164G	46.42	74.00	-27.58	9.80	3	Vertical	322	2.78	36.62	36.47	7.84	34.51

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

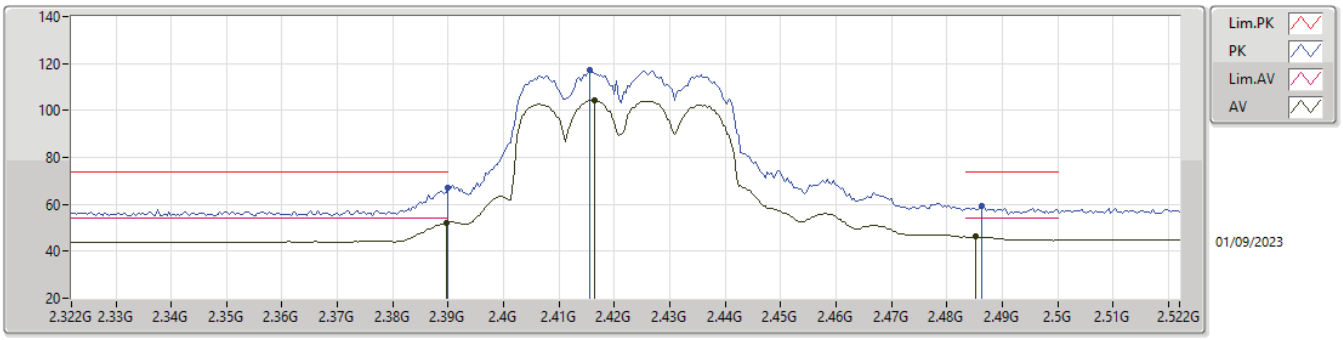
2462MHz_TX



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	4.92394G	30.20	54.00	-23.80	4.94	3	Horizontal	339	1.09	25.26	32.84	6.25	34.15
AV	7.38312G	33.67	54.00	-20.33	9.80	3	Horizontal	320	1.83	23.87	36.47	7.84	34.51
PK	4.90924G	42.23	74.00	-31.77	4.85	3	Horizontal	339	1.09	37.38	32.76	6.24	34.15
PK	7.38342G	47.61	74.00	-26.39	9.80	3	Horizontal	320	1.83	37.81	36.47	7.84	34.51

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

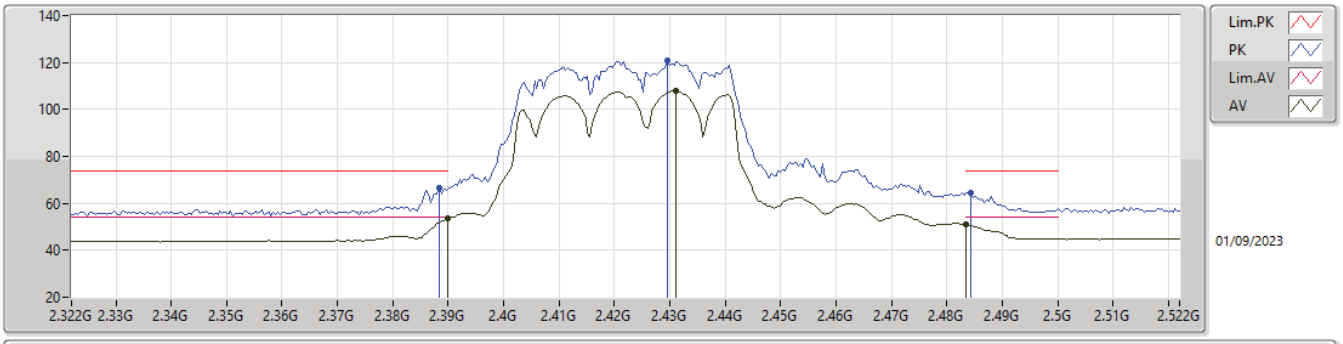
2422MHz_TX



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	2.3896G	52.15	54.00	-1.85	31.77	3	Vertical	13	2.34	20.38	27.52	4.25	-
AV	2.4164G	104.14	Inf	-Inf	31.90	3	Vertical	13	2.34	72.24	27.63	4.27	-
AV	2.4852G	46.14	54.00	-7.86	32.15	3	Vertical	13	2.34	13.99	27.84	4.31	-
PK	2.39G	67.14	74.00	-6.86	31.77	3	Vertical	13	2.34	35.37	27.52	4.25	-
PK	2.4156G	117.15	Inf	-Inf	31.90	3	Vertical	13	2.34	85.25	27.63	4.27	-
PK	2.4864G	59.31	74.00	-14.69	32.16	3	Vertical	13	2.34	27.15	27.85	4.31	-

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

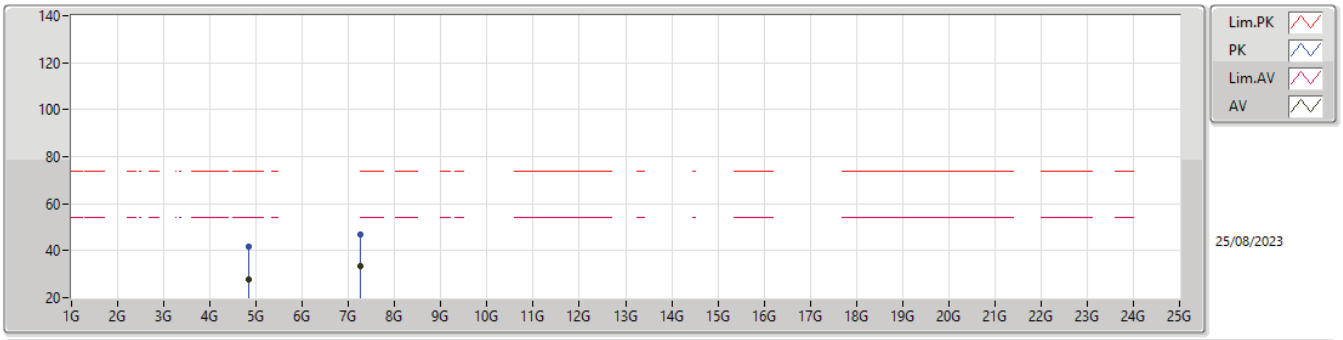
2422MHz_TX



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	53.52	54.00	-0.48	31.77	3	Horizontal	8	2.21	21.75	27.52	4.25	-
AV	2.4312G	107.79	Inf	-Inf	31.94	3	Horizontal	8	2.21	75.85	27.66	4.28	-
AV	2.4835G	50.85	54.00	-3.15	32.14	3	Horizontal	8	2.21	18.71	27.83	4.31	-
PK	2.3884G	66.62	74.00	-7.38	31.76	3	Horizontal	8	2.21	34.86	27.51	4.25	-
PK	2.4296G	120.70	Inf	-Inf	31.94	3	Horizontal	8	2.21	88.76	27.66	4.28	-
PK	2.4844G	64.65	74.00	-9.35	32.15	3	Horizontal	8	2.21	32.50	27.84	4.31	-

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

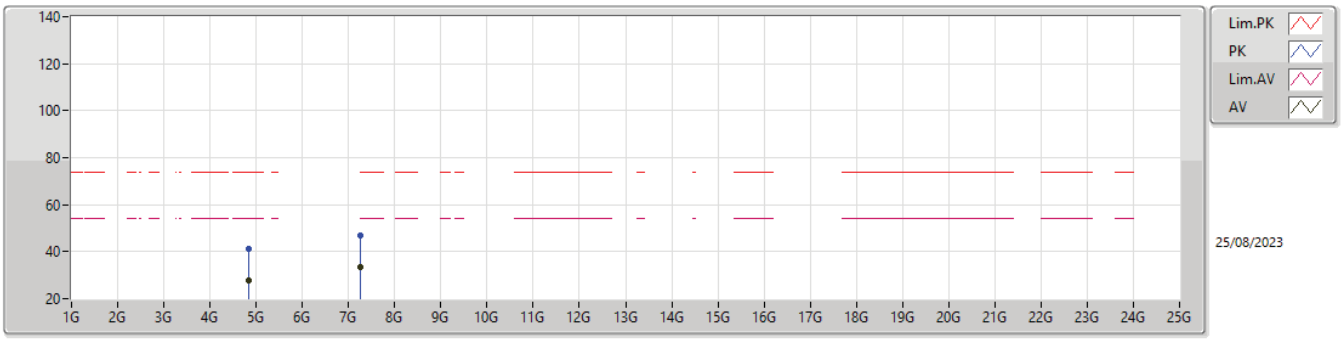
2422MHz_TX



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	4.83432G	27.86	54.00	-26.14	4.41	3	Vertical	201	1.89	23.45	32.41	6.18	34.18
AV	7.25736G	33.69	54.00	-20.31	10.24	3	Vertical	243	2.50	23.45	36.97	7.76	34.49
PK	4.84644G	41.92	74.00	-32.08	4.49	3	Vertical	201	1.89	37.43	32.48	6.19	34.18
PK	7.26056G	47.12	74.00	-26.88	10.24	3	Vertical	243	2.50	36.88	36.96	7.77	34.49

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

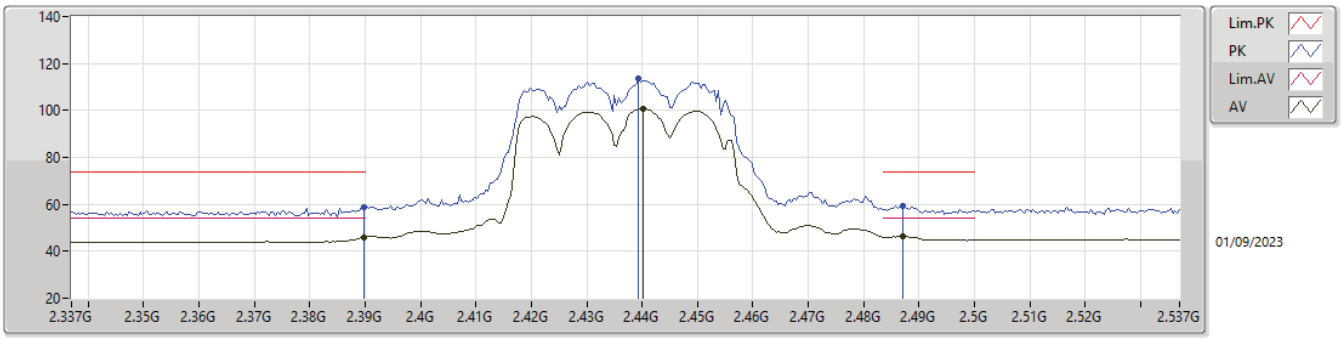
2422MHz_TX



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	4.84652G	27.91	54.00	-26.09	4.49	3	Horizontal	86	1.74	23.42	32.48	6.19	34.18
AV	7.26016G	33.66	54.00	-20.34	10.24	3	Horizontal	305	1.08	23.42	36.96	7.77	34.49
PK	4.84088G	41.20	74.00	-32.80	4.46	3	Horizontal	86	1.74	36.74	32.45	6.19	34.18
PK	7.25928G	46.86	74.00	-27.14	10.24	3	Horizontal	305	1.08	36.62	36.96	7.77	34.49

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

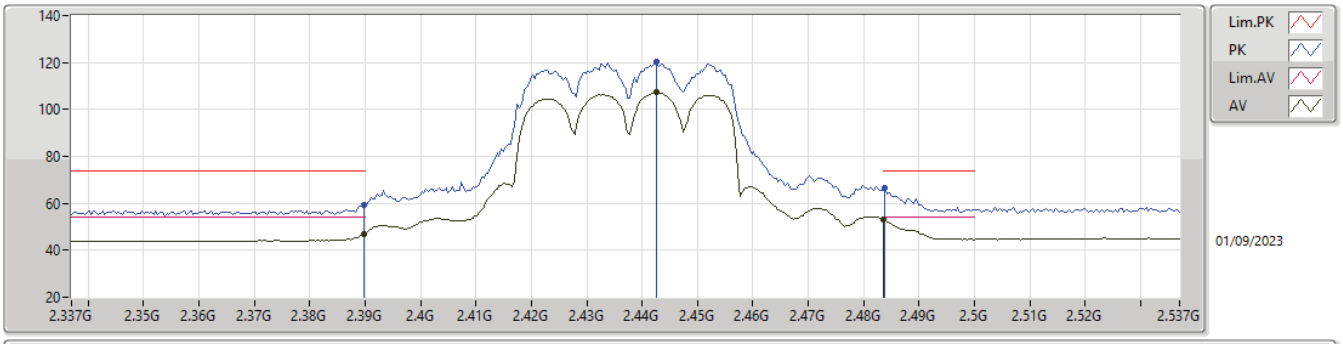
2437MHz_TX



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	2.3898G	46.05	54.00	-7.95	31.77	3	Vertical	46	1.50	14.28	27.52	4.25	-
AV	2.4402G	100.77	Inf	-Inf	31.96	3	Vertical	46	1.50	68.81	27.68	4.28	-
AV	2.487G	46.42	54.00	-7.58	32.16	3	Vertical	46	1.50	14.26	27.85	4.31	-
PK	2.3898G	58.85	74.00	-15.15	31.77	3	Vertical	46	1.50	27.08	27.52	4.25	-
PK	2.4394G	113.61	Inf	-Inf	31.96	3	Vertical	46	1.50	81.65	27.68	4.28	-
PK	2.487G	59.55	74.00	-14.45	32.16	3	Vertical	46	1.50	27.39	27.85	4.31	-

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

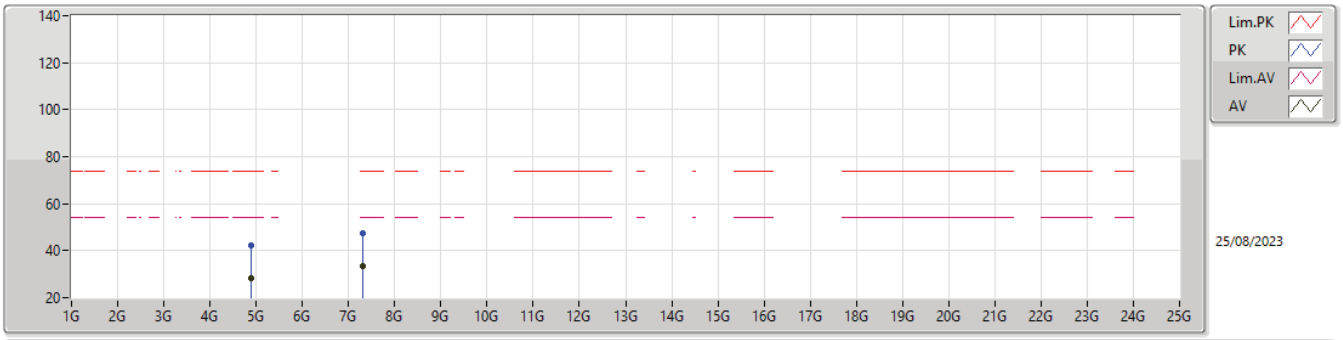
2437MHz_TX



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	2.3898G	47.11	54.00	-6.89	31.77	3	Horizontal	24	1.58	15.34	27.52	4.25	-
AV	2.4426G	107.29	Inf	-Inf	31.98	3	Horizontal	24	1.58	75.31	27.69	4.29	-
AV	2.4835G	53.24	54.00	-0.76	32.14	3	Horizontal	24	1.58	21.10	27.83	4.31	-
PK	2.3898G	59.15	74.00	-14.85	31.77	3	Horizontal	24	1.58	27.38	27.52	4.25	-
PK	2.4426G	120.47	Inf	-Inf	31.98	3	Horizontal	24	1.58	88.49	27.69	4.29	-
PK	2.4838G	66.39	74.00	-7.61	32.15	3	Horizontal	24	1.58	34.24	27.84	4.31	-

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

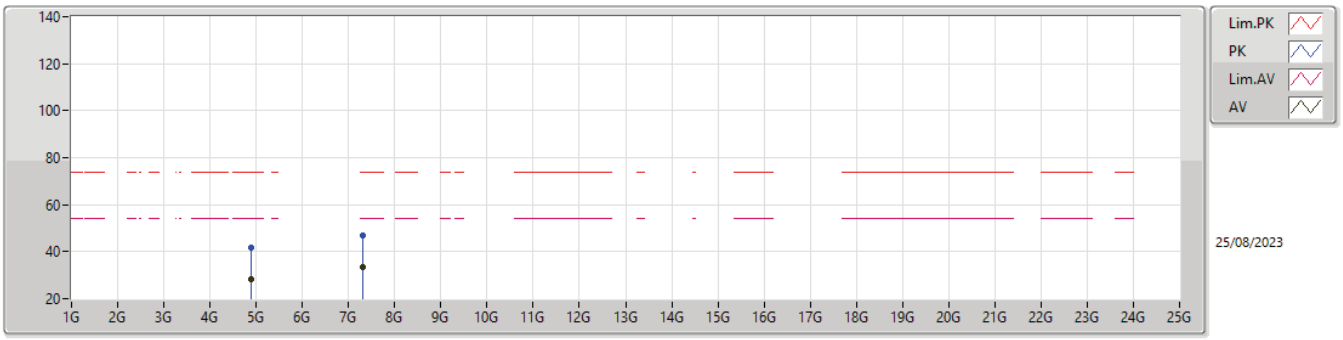
2437MHz_TX



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	4.88188G	28.17	54.00	-25.83	4.69	3	Vertical	49	1.82	23.48	32.63	6.22	34.16
AV	7.30192G	33.37	54.00	-20.63	10.08	3	Vertical	170	2.70	23.29	36.79	7.79	34.50
PK	4.8782G	42.06	74.00	-31.94	4.66	3	Vertical	49	1.82	37.40	32.61	6.21	34.16
PK	7.31628G	47.17	74.00	-26.83	10.03	3	Vertical	170	2.70	37.14	36.73	7.80	34.50

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

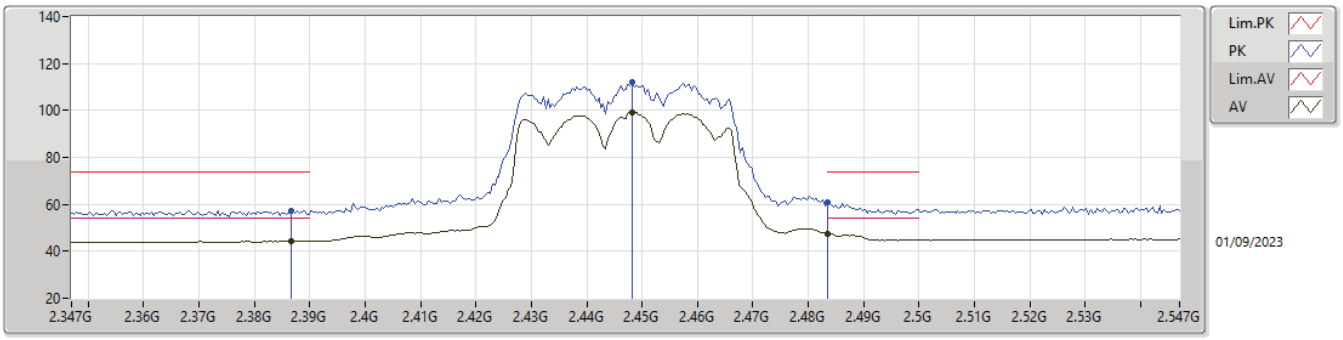
2437MHz_TX



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	4.8784G	28.12	54.00	-25.88	4.66	3	Horizontal	263	1.06	23.46	32.61	6.21	34.16
AV	7.301G	33.46	54.00	-20.54	10.09	3	Horizontal	33	2.28	23.37	36.80	7.79	34.50
PK	4.87844G	41.80	74.00	-32.20	4.66	3	Horizontal	263	1.06	37.14	32.61	6.21	34.16
PK	7.30736G	46.89	74.00	-27.11	10.06	3	Horizontal	33	2.28	36.83	36.77	7.79	34.50

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

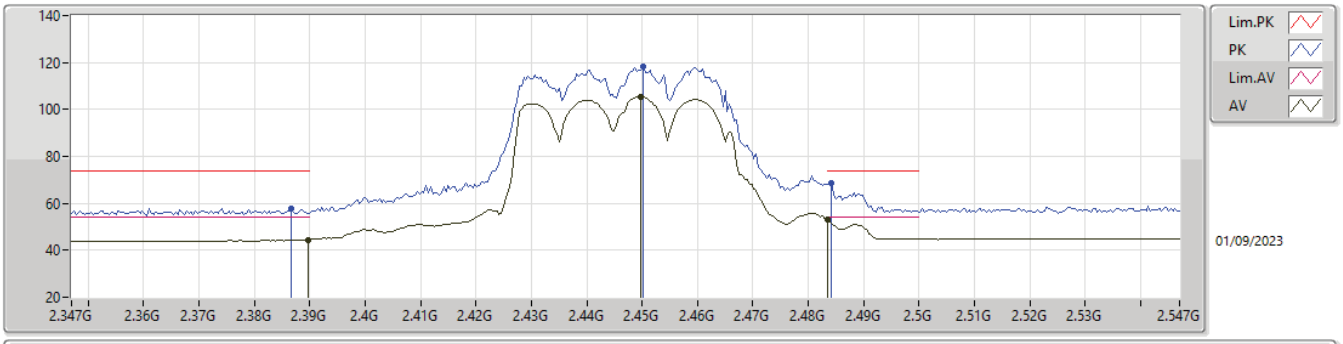
2447MHz_TX



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	2.3866G	44.40	54.00	-9.60	31.74	3	Vertical	28	2.44	12.66	27.49	4.25	-
AV	2.4482G	99.34	Inf	-Inf	31.99	3	Vertical	28	2.44	67.35	27.70	4.29	-
AV	2.4835G	47.29	54.00	-6.71	32.14	3	Vertical	28	2.44	15.15	27.83	4.31	-
PK	2.3866G	57.44	74.00	-16.56	31.74	3	Vertical	28	2.44	25.70	27.49	4.25	-
PK	2.4482G	111.82	Inf	-Inf	31.99	3	Vertical	28	2.44	79.83	27.70	4.29	-
PK	2.4835G	60.84	74.00	-13.16	32.14	3	Vertical	28	2.44	28.70	27.83	4.31	-

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

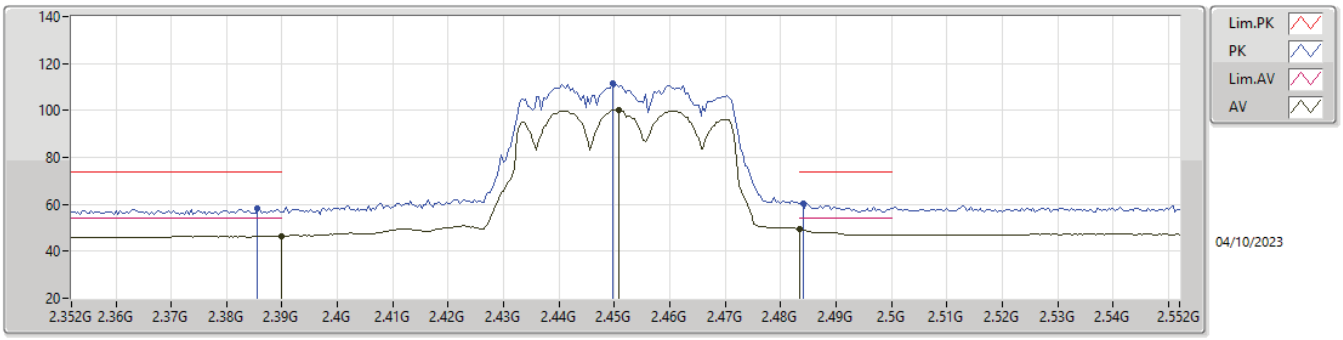
2447MHz_TX



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	2.3898G	44.46	54.00	-9.54	31.77	3	Horizontal	360	1.96	12.69	27.52	4.25	-
AV	2.4498G	105.39	Inf	-Inf	31.99	3	Horizontal	360	1.96	73.40	27.70	4.29	-
AV	2.4835G	52.94	54.00	-1.06	32.14	3	Horizontal	360	1.96	20.80	27.83	4.31	-
PK	2.3866G	58.01	74.00	-15.99	31.74	3	Horizontal	360	1.96	26.27	27.49	4.25	-
PK	2.4502G	118.12	Inf	-Inf	31.99	3	Horizontal	360	1.96	86.13	27.70	4.29	-
PK	2.4842G	68.64	74.00	-5.36	32.15	3	Horizontal	360	1.96	36.49	27.84	4.31	-

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

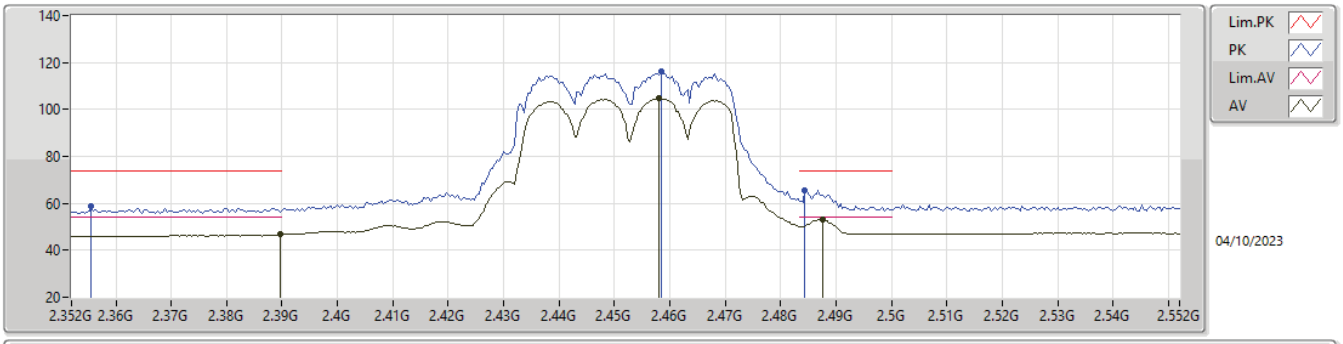
2452MHz_TX



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	46.53	54.00	-7.47	31.65	3	Vertical	11	2.09	14.88	27.40	4.25	-
AV	2.4508G	100.25	Inf	-Inf	31.90	3	Vertical	11	2.09	68.35	27.61	4.29	-
AV	2.4835G	49.40	54.00	-4.60	32.04	3	Vertical	11	2.09	17.36	27.73	4.31	-
PK	2.3856G	58.47	74.00	-15.53	31.61	3	Vertical	11	2.09	26.86	27.36	4.25	-
PK	2.4496G	111.56	Inf	-Inf	31.89	3	Vertical	11	2.09	79.67	27.60	4.29	-
PK	2.484G	60.33	74.00	-13.67	32.05	3	Vertical	11	2.09	28.28	27.74	4.31	-

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

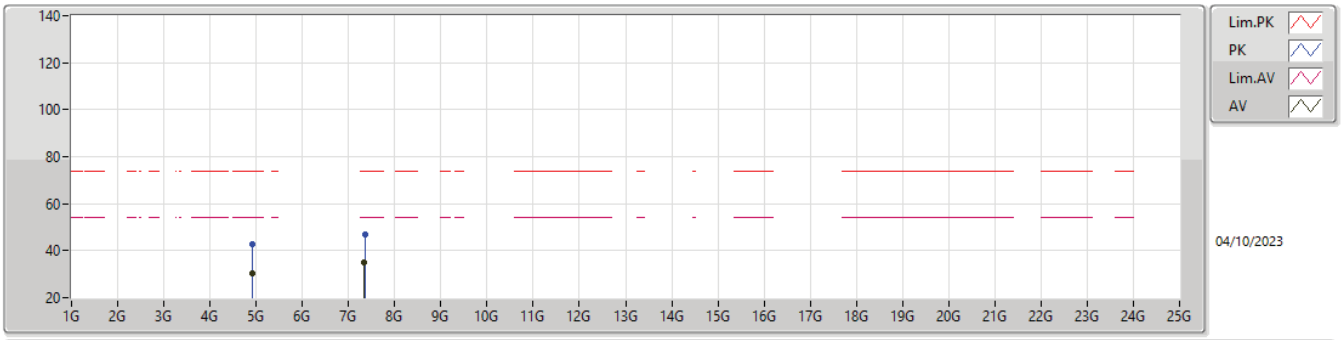
2452MHz_TX



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	2.3896G	46.78	54.00	-7.22	31.65	3	Horizontal	29	1.58	15.13	27.40	4.25	-
AV	2.458G	104.64	Inf	-Inf	31.97	3	Horizontal	29	1.58	72.67	27.68	4.29	-
AV	2.4876G	52.88	54.00	-1.12	32.09	3	Horizontal	29	1.58	20.79	27.78	4.31	-
PK	2.3556G	58.87	74.00	-15.13	31.42	3	Horizontal	29	1.58	27.45	27.20	4.22	-
PK	2.4584G	115.97	Inf	-Inf	31.98	3	Horizontal	29	1.58	83.99	27.68	4.30	-
PK	2.4844G	65.35	74.00	-8.65	32.05	3	Horizontal	29	1.58	33.30	27.74	4.31	-

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

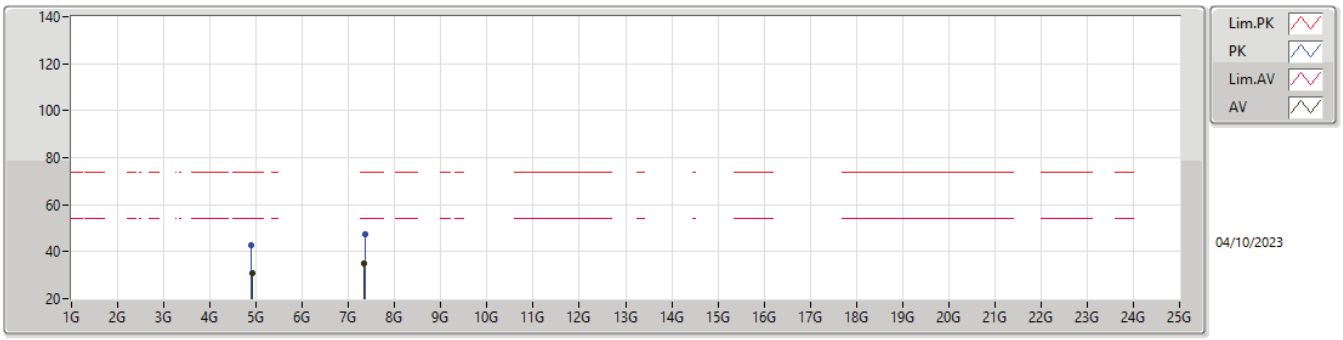
2452MHz_TX



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	4.90388G	30.29	54.00	-23.71	4.80	3	Vertical	71	1.50	25.49	32.72	6.23	34.15
AV	7.33644G	34.78	54.00	-19.22	10.14	3	Vertical	354	1.34	24.64	36.83	7.81	34.50
PK	4.91204G	42.82	74.00	-31.18	4.84	3	Vertical	71	1.50	37.98	32.75	6.24	34.15
PK	7.35408G	47.14	74.00	-26.86	10.10	3	Vertical	354	1.34	37.04	36.78	7.82	34.50

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	4.90424G	30.83	54.00	-23.17	4.80	3	Horizontal	317	1.78	26.03	32.72	6.23	34.15
AV	7.32852G	34.78	54.00	-19.22	10.15	3	Horizontal	153	1.50	24.63	36.84	7.81	34.50
PK	4.8962G	42.56	74.00	-31.44	4.76	3	Horizontal	317	1.78	37.80	32.69	6.23	34.16
PK	7.35372G	47.37	74.00	-26.63	10.10	3	Horizontal	153	1.50	37.27	36.78	7.82	34.50

Summary

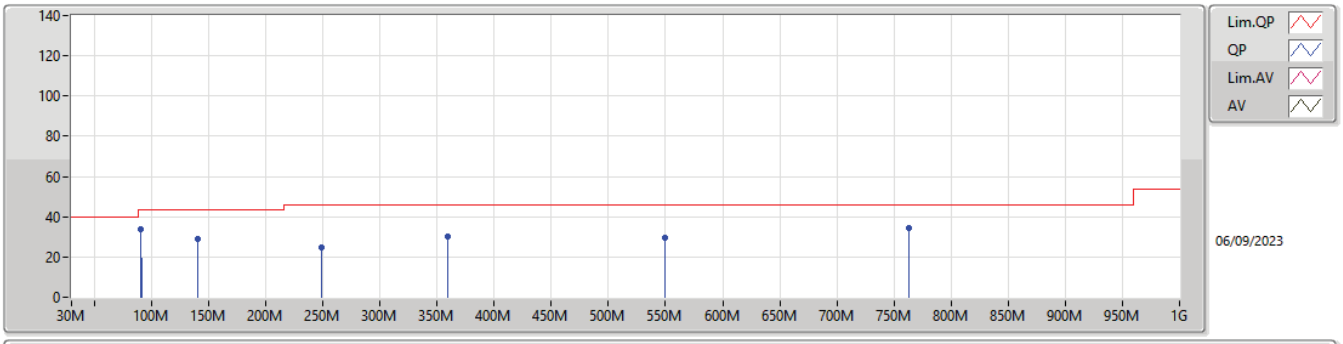
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	30M	35.93	40.00	-4.07	3	Horizontal	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	90.14M	33.94	43.50	-9.56	3	Vertical	360	1.00	-
2437MHz	Pass	PK	140.58M	29.05	43.50	-14.45	3	Vertical	360	1.00	-
2437MHz	Pass	PK	249.22M	24.44	46.00	-21.56	3	Vertical	360	1.00	-
2437MHz	Pass	PK	359.8M	30.07	46.00	-15.93	3	Vertical	360	1.00	-
2437MHz	Pass	PK	549.92M	29.28	46.00	-16.72	3	Vertical	360	1.00	-
2437MHz	Pass	PK	763.32M	34.24	46.00	-11.76	3	Vertical	360	1.00	-
2437MHz	Pass	PK	30M	35.93	40.00	-4.07	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	92.08M	32.44	43.50	-11.06	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	276.38M	27.96	46.00	-18.04	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	359.8M	28.70	46.00	-17.30	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	511.12M	27.70	46.00	-18.30	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	728.4M	31.89	46.00	-14.11	3	Horizontal	0	1.00	-

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

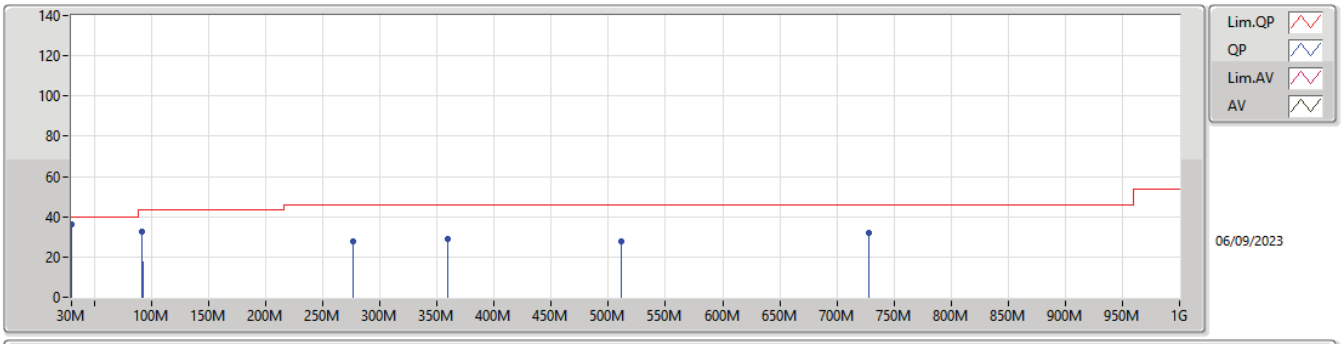
2437MHz_PoE



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	90.14M	33.94	43.50	-9.56	-11.93	3	Vertical	360	1.00	45.87	14.34	1.56	27.83
PK	140.58M	29.05	43.50	-14.45	-9.39	3	Vertical	360	1.00	38.44	16.43	1.95	27.77
PK	249.22M	24.44	46.00	-21.56	-7.06	3	Vertical	360	1.00	31.50	17.53	2.63	27.22
PK	359.8M	30.07	46.00	-15.93	-4.60	3	Vertical	360	1.00	34.67	19.84	3.21	27.65
PK	549.92M	29.28	46.00	-16.72	-0.26	3	Vertical	360	1.00	29.54	24.45	3.99	28.70
PK	763.32M	34.24	46.00	-11.76	1.96	3	Vertical	360	1.00	32.28	25.45	4.84	28.33

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

2437MHz_PoE



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	30M	35.93	40.00	-4.07	-3.26	3	Horizontal	0	1.00	39.19	23.22	0.92	27.40
PK	92.08M	32.44	43.50	-11.06	-11.47	3	Horizontal	0	1.00	43.91	14.79	1.57	27.83
PK	276.38M	27.96	46.00	-18.04	-6.55	3	Horizontal	0	1.00	34.51	17.92	2.78	27.25
PK	359.8M	28.70	46.00	-17.30	-4.60	3	Horizontal	0	1.00	33.30	19.84	3.21	27.65
PK	511.12M	27.70	46.00	-18.30	-1.62	3	Horizontal	0	1.00	29.32	22.97	3.88	28.47
PK	728.4M	31.89	46.00	-14.11	1.31	3	Horizontal	0	1.00	30.58	24.97	4.70	28.36

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	2.4835G	51.03	54.00	-2.97	3	Horizontal	6	1.53
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4836G	53.93	54.00	-0.07	3	Horizontal	339	1.97
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.4842G	53.52	54.00	-0.48	3	Horizontal	340	1.99
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.67	54.00	-0.33	3	Horizontal	340	1.77

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	2.39G	48.07	54.00	-5.93	3	Vertical	339	1.54
2412MHz	Pass	AV	2.4112G	113.95	Inf	-Inf	3	Vertical	339	1.54
2412MHz	Pass	PK	2.3896G	59.29	74.00	-14.71	3	Vertical	339	1.54
2412MHz	Pass	PK	2.411G	116.27	Inf	-Inf	3	Vertical	339	1.54
2412MHz	Pass	AV	2.3898G	48.51	54.00	-5.49	3	Horizontal	27	1.42
2412MHz	Pass	AV	2.4112G	117.11	Inf	-Inf	3	Horizontal	27	1.42
2412MHz	Pass	PK	2.3774G	59.23	74.00	-14.77	3	Horizontal	27	1.42
2412MHz	Pass	PK	2.411G	119.45	Inf	-Inf	3	Horizontal	27	1.42
2412MHz	Pass	AV	4.82404G	39.24	54.00	-14.76	3	Vertical	0	3.00
2412MHz	Pass	PK	4.82416G	46.92	74.00	-27.08	3	Vertical	0	3.00
2412MHz	Pass	AV	4.82388G	36.39	54.00	-17.61	3	Horizontal	360	3.00
2412MHz	Pass	PK	4.83052G	46.42	74.00	-27.58	3	Horizontal	360	3.00
2437MHz	Pass	AV	2.3706G	47.89	54.00	-6.11	3	Vertical	345	1.79
2437MHz	Pass	AV	2.4378G	113.76	Inf	-Inf	3	Vertical	345	1.79
2437MHz	Pass	AV	2.4878G	49.25	54.00	-4.75	3	Vertical	345	1.79
2437MHz	Pass	PK	2.383G	59.09	74.00	-14.91	3	Vertical	345	1.79
2437MHz	Pass	PK	2.4378G	116.02	Inf	-Inf	3	Vertical	345	1.79
2437MHz	Pass	PK	2.487G	59.47	74.00	-14.53	3	Vertical	345	1.79
2437MHz	Pass	AV	2.3898G	48.07	54.00	-5.93	3	Horizontal	25	1.59
2437MHz	Pass	AV	2.4378G	117.55	Inf	-Inf	3	Horizontal	25	1.59
2437MHz	Pass	AV	2.4862G	49.47	54.00	-4.53	3	Horizontal	25	1.59
2437MHz	Pass	PK	2.3898G	59.10	74.00	-14.90	3	Horizontal	25	1.59
2437MHz	Pass	PK	2.4362G	119.87	Inf	-Inf	3	Horizontal	25	1.59
2437MHz	Pass	PK	2.4862G	59.87	74.00	-14.13	3	Horizontal	25	1.59
2437MHz	Pass	AV	4.87396G	37.47	54.00	-16.53	3	Vertical	268	2.73
2437MHz	Pass	PK	4.87376G	46.63	74.00	-27.37	3	Vertical	268	2.73
2437MHz	Pass	AV	4.87392G	35.95	54.00	-18.05	3	Horizontal	0	3.00
2437MHz	Pass	PK	4.8812G	46.54	74.00	-27.46	3	Horizontal	0	3.00
2462MHz	Pass	AV	2.4612G	112.70	Inf	-Inf	3	Vertical	343	1.44
2462MHz	Pass	AV	2.485G	49.67	54.00	-4.33	3	Vertical	343	1.44
2462MHz	Pass	PK	2.461G	115.02	Inf	-Inf	3	Vertical	343	1.44
2462MHz	Pass	PK	2.494G	60.33	74.00	-13.67	3	Vertical	343	1.44
2462MHz	Pass	AV	2.4628G	115.65	Inf	-Inf	3	Horizontal	6	1.53
2462MHz	Pass	AV	2.4835G	51.03	54.00	-2.97	3	Horizontal	6	1.53
2462MHz	Pass	PK	2.4612G	117.95	Inf	-Inf	3	Horizontal	6	1.53
2462MHz	Pass	PK	2.484G	60.95	74.00	-13.05	3	Horizontal	6	1.53
2462MHz	Pass	AV	4.926G	35.45	54.00	-18.55	3	Vertical	360	3.00
2462MHz	Pass	PK	4.92712G	46.90	74.00	-27.10	3	Vertical	360	3.00
2462MHz	Pass	AV	4.92656G	35.44	54.00	-18.56	3	Horizontal	212	2.49
2462MHz	Pass	PK	4.93236G	46.75	74.00	-27.25	3	Horizontal	212	2.49
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.20	54.00	-3.80	3	Vertical	36	1.54
2412MHz	Pass	AV	2.414G	107.55	Inf	-Inf	3	Vertical	36	1.54
2412MHz	Pass	PK	2.39G	64.21	74.00	-9.79	3	Vertical	36	1.54
2412MHz	Pass	PK	2.4142G	116.79	Inf	-Inf	3	Vertical	36	1.54
2412MHz	Pass	AV	2.39G	53.47	54.00	-0.53	3	Horizontal	342	2.11
2412MHz	Pass	AV	2.4142G	112.05	Inf	-Inf	3	Horizontal	342	2.11
2412MHz	Pass	PK	2.39G	69.14	74.00	-4.86	3	Horizontal	342	2.11
2412MHz	Pass	PK	2.4146G	122.02	Inf	-Inf	3	Horizontal	342	2.11
2412MHz	Pass	AV	4.81398G	34.96	54.00	-19.04	3	Vertical	325	1.32
2412MHz	Pass	PK	4.818G	46.83	74.00	-27.17	3	Vertical	325	1.32
2412MHz	Pass	AV	4.82406G	34.55	54.00	-19.45	3	Horizontal	8	2.71
2412MHz	Pass	PK	4.82544G	46.27	74.00	-27.73	3	Horizontal	8	2.71
2417MHz	Pass	AV	2.39G	48.73	54.00	-5.27	3	Vertical	34	1.54
2417MHz	Pass	AV	2.4138G	109.11	Inf	-Inf	3	Vertical	34	1.54
2417MHz	Pass	PK	2.3898G	62.23	74.00	-11.77	3	Vertical	34	1.54
2417MHz	Pass	PK	2.415G	117.64	Inf	-Inf	3	Vertical	34	1.54
2417MHz	Pass	AV	2.39G	49.73	54.00	-4.27	3	Horizontal	31	1.62
2417MHz	Pass	AV	2.4214G	112.45	Inf	-Inf	3	Horizontal	31	1.62
2417MHz	Pass	PK	2.39G	64.60	74.00	-9.40	3	Horizontal	31	1.62

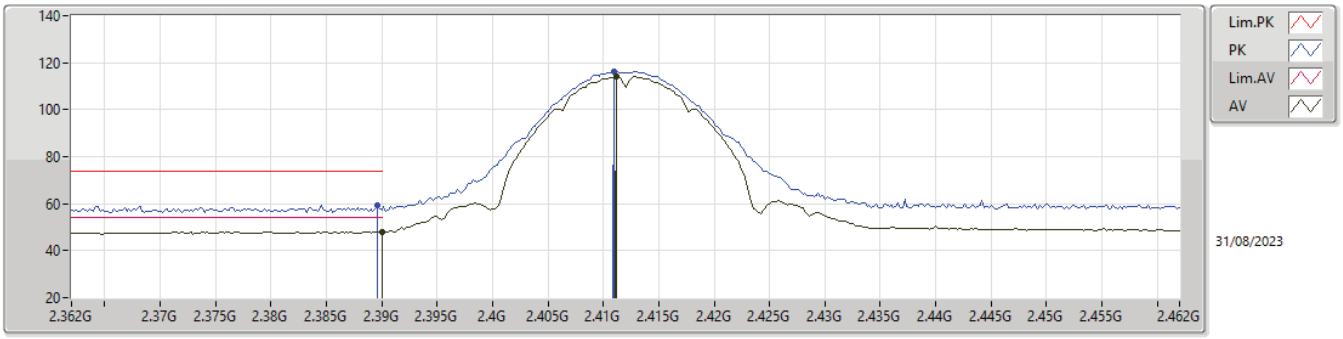
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2417MHz	Pass	PK	2.4214G	121.61	Inf	-Inf	3	Horizontal	31	1.62
2437MHz	Pass	AV	2.3898G	47.60	54.00	-6.40	3	Vertical	345	1.78
2437MHz	Pass	AV	2.4414G	108.98	Inf	-Inf	3	Vertical	345	1.78
2437MHz	Pass	AV	2.4978G	48.35	54.00	-5.65	3	Vertical	345	1.78
2437MHz	Pass	PK	2.3746G	59.88	74.00	-14.12	3	Vertical	345	1.78
2437MHz	Pass	PK	2.4418G	117.59	Inf	-Inf	3	Vertical	345	1.78
2437MHz	Pass	PK	2.4926G	60.88	74.00	-13.12	3	Vertical	345	1.78
2437MHz	Pass	AV	2.3894G	47.83	54.00	-6.17	3	Horizontal	341	1.80
2437MHz	Pass	AV	2.4394G	114.22	Inf	-Inf	3	Horizontal	341	1.80
2437MHz	Pass	AV	2.485G	49.67	54.00	-4.33	3	Horizontal	341	1.80
2437MHz	Pass	PK	2.3458G	59.47	74.00	-14.53	3	Horizontal	341	1.80
2437MHz	Pass	PK	2.4394G	122.46	Inf	-Inf	3	Horizontal	341	1.80
2437MHz	Pass	PK	2.485G	60.90	74.00	-13.10	3	Horizontal	341	1.80
2437MHz	Pass	AV	4.87412G	35.85	54.00	-18.15	3	Vertical	322	1.50
2437MHz	Pass	PK	4.87388G	47.01	74.00	-26.99	3	Vertical	322	1.50
2437MHz	Pass	AV	4.8845G	34.77	54.00	-19.23	3	Horizontal	36	1.50
2437MHz	Pass	PK	4.87178G	46.93	74.00	-27.07	3	Horizontal	36	1.50
2457MHz	Pass	AV	2.4538G	108.63	Inf	-Inf	3	Vertical	37	1.53
2457MHz	Pass	AV	2.4835G	51.03	54.00	-2.97	3	Vertical	37	1.53
2457MHz	Pass	PK	2.4548G	116.93	Inf	-Inf	3	Vertical	37	1.53
2457MHz	Pass	PK	2.4835G	65.77	74.00	-8.23	3	Vertical	37	1.53
2457MHz	Pass	AV	2.4592G	113.34	Inf	-Inf	3	Horizontal	339	1.97
2457MHz	Pass	AV	2.4836G	53.93	54.00	-0.07	3	Horizontal	339	1.97
2457MHz	Pass	PK	2.4546G	121.97	Inf	-Inf	3	Horizontal	339	1.97
2457MHz	Pass	PK	2.4836G	70.91	74.00	-3.09	3	Horizontal	339	1.97
2462MHz	Pass	AV	2.4588G	106.36	Inf	-Inf	3	Vertical	36	1.22
2462MHz	Pass	AV	2.4836G	49.98	54.00	-4.02	3	Vertical	36	1.22
2462MHz	Pass	PK	2.459G	115.85	Inf	-Inf	3	Vertical	36	1.22
2462MHz	Pass	PK	2.4838G	65.58	74.00	-8.42	3	Vertical	36	1.22
2462MHz	Pass	AV	2.4592G	111.41	Inf	-Inf	3	Horizontal	341	2.00
2462MHz	Pass	AV	2.4838G	52.86	54.00	-1.14	3	Horizontal	341	2.00
2462MHz	Pass	PK	2.4594G	121.16	Inf	-Inf	3	Horizontal	341	2.00
2462MHz	Pass	PK	2.484G	68.19	74.00	-5.81	3	Horizontal	341	2.00
2462MHz	Pass	AV	4.93012G	34.84	54.00	-19.16	3	Vertical	330	1.50
2462MHz	Pass	PK	4.91128G	46.45	74.00	-27.55	3	Vertical	330	1.50
2462MHz	Pass	AV	4.92886G	34.76	54.00	-19.24	3	Horizontal	360	1.00
2462MHz	Pass	PK	4.93132G	47.13	74.00	-26.87	3	Horizontal	360	1.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.18	54.00	-3.82	3	Vertical	348	1.55
2412MHz	Pass	AV	2.4112G	104.99	Inf	-Inf	3	Vertical	348	1.55
2412MHz	Pass	PK	2.39G	65.99	74.00	-8.01	3	Vertical	348	1.55
2412MHz	Pass	PK	2.4108G	118.70	Inf	-Inf	3	Vertical	348	1.55
2412MHz	Pass	AV	2.39G	53.15	54.00	-0.85	3	Horizontal	31	1.44
2412MHz	Pass	AV	2.4104G	108.48	Inf	-Inf	3	Horizontal	31	1.44
2412MHz	Pass	PK	2.39G	68.89	74.00	-5.11	3	Horizontal	31	1.44
2412MHz	Pass	PK	2.4106G	121.81	Inf	-Inf	3	Horizontal	31	1.44
2412MHz	Pass	AV	4.81566G	33.93	54.00	-20.07	3	Vertical	316	1.95
2412MHz	Pass	PK	4.83708G	45.68	74.00	-28.32	3	Vertical	316	1.95
2412MHz	Pass	AV	4.82946G	33.66	54.00	-20.34	3	Horizontal	248	2.32
2412MHz	Pass	PK	4.80972G	45.60	74.00	-28.40	3	Horizontal	248	2.32
2417MHz	Pass	AV	2.39G	49.34	54.00	-4.66	3	Vertical	34	1.40
2417MHz	Pass	AV	2.4206G	108.28	Inf	-Inf	3	Vertical	34	1.40
2417MHz	Pass	PK	2.39G	66.09	74.00	-7.91	3	Vertical	34	1.40
2417MHz	Pass	PK	2.4208G	120.35	Inf	-Inf	3	Vertical	34	1.40
2417MHz	Pass	AV	2.39G	51.74	54.00	-2.26	3	Horizontal	340	2.10
2417MHz	Pass	AV	2.4122G	112.68	Inf	-Inf	3	Horizontal	340	2.10
2417MHz	Pass	PK	2.39G	66.59	74.00	-7.41	3	Horizontal	340	2.10
2417MHz	Pass	PK	2.4204G	124.83	Inf	-Inf	3	Horizontal	340	2.10
2437MHz	Pass	AV	2.3898G	45.45	54.00	-8.55	3	Vertical	43	1.78
2437MHz	Pass	AV	2.4398G	106.87	Inf	-Inf	3	Vertical	43	1.78
2437MHz	Pass	AV	2.4838G	46.62	54.00	-7.38	3	Vertical	43	1.78
2437MHz	Pass	PK	2.3814G	59.15	74.00	-14.85	3	Vertical	43	1.78

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	PK	2.4394G	120.13	Inf	-Inf	3	Vertical	43	1.78
2437MHz	Pass	PK	2.4886G	60.33	74.00	-13.67	3	Vertical	43	1.78
2437MHz	Pass	AV	2.3894G	45.81	54.00	-8.19	3	Horizontal	338	1.77
2437MHz	Pass	AV	2.4418G	111.99	Inf	-Inf	3	Horizontal	338	1.77
2437MHz	Pass	AV	2.4838G	47.51	54.00	-6.49	3	Horizontal	338	1.77
2437MHz	Pass	PK	2.3886G	59.83	74.00	-14.17	3	Horizontal	338	1.77
2437MHz	Pass	PK	2.4418G	125.55	Inf	-Inf	3	Horizontal	338	1.77
2437MHz	Pass	PK	2.4858G	61.12	74.00	-12.88	3	Horizontal	338	1.77
2437MHz	Pass	AV	4.8758G	34.75	54.00	-19.25	3	Vertical	317	1.50
2437MHz	Pass	PK	4.87436G	47.21	74.00	-26.79	3	Vertical	317	1.50
2437MHz	Pass	AV	4.87478G	34.22	54.00	-19.78	3	Horizontal	41	1.45
2437MHz	Pass	PK	4.87478G	46.52	74.00	-27.48	3	Horizontal	41	1.45
2457MHz	Pass	AV	2.4512G	107.48	Inf	-Inf	3	Vertical	37	1.30
2457MHz	Pass	AV	2.4835G	49.87	54.00	-4.13	3	Vertical	37	1.30
2457MHz	Pass	PK	2.4506G	119.68	Inf	-Inf	3	Vertical	37	1.30
2457MHz	Pass	PK	2.4835G	63.48	74.00	-10.52	3	Vertical	37	1.30
2457MHz	Pass	AV	2.4614G	112.20	Inf	-Inf	3	Horizontal	340	2.00
2457MHz	Pass	AV	2.4835G	52.53	54.00	-1.47	3	Horizontal	340	2.00
2457MHz	Pass	PK	2.4514G	124.70	Inf	-Inf	3	Horizontal	340	2.00
2457MHz	Pass	PK	2.4836G	67.66	74.00	-6.34	3	Horizontal	340	2.00
2462MHz	Pass	AV	2.4574G	102.40	Inf	-Inf	3	Vertical	19	1.40
2462MHz	Pass	AV	2.4854G	48.39	54.00	-5.61	3	Vertical	19	1.40
2462MHz	Pass	PK	2.4572G	116.01	Inf	-Inf	3	Vertical	19	1.40
2462MHz	Pass	PK	2.4884G	63.17	74.00	-10.83	3	Vertical	19	1.40
2462MHz	Pass	AV	2.4566G	109.68	Inf	-Inf	3	Horizontal	340	1.99
2462MHz	Pass	AV	2.4842G	53.52	54.00	-0.48	3	Horizontal	340	1.99
2462MHz	Pass	PK	2.4564G	123.15	Inf	-Inf	3	Horizontal	340	1.99
2462MHz	Pass	PK	2.4838G	71.42	74.00	-2.58	3	Horizontal	340	1.99
2462MHz	Pass	AV	4.92544G	34.31	54.00	-19.69	3	Vertical	62	2.28
2462MHz	Pass	PK	4.92802G	46.71	74.00	-27.29	3	Vertical	62	2.28
2462MHz	Pass	AV	4.92412G	34.07	54.00	-19.93	3	Horizontal	280	1.52
2462MHz	Pass	PK	4.92802G	46.30	74.00	-27.70	3	Horizontal	280	1.40
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	48.11	54.00	-5.89	3	Vertical	336	1.58
2422MHz	Pass	AV	2.4212G	102.79	Inf	-Inf	3	Vertical	336	1.58
2422MHz	Pass	AV	2.4835G	46.65	54.00	-7.35	3	Vertical	336	1.58
2422MHz	Pass	PK	2.39G	62.69	74.00	-11.31	3	Vertical	336	1.58
2422MHz	Pass	PK	2.4204G	116.00	Inf	-Inf	3	Vertical	336	1.58
2422MHz	Pass	PK	2.4992G	59.82	74.00	-14.18	3	Vertical	336	1.58
2422MHz	Pass	AV	2.3896G	51.43	54.00	-2.57	3	Horizontal	344	2.12
2422MHz	Pass	AV	2.416G	107.38	Inf	-Inf	3	Horizontal	344	2.12
2422MHz	Pass	AV	2.4852G	48.18	54.00	-5.82	3	Horizontal	344	2.12
2422MHz	Pass	PK	2.39G	71.54	74.00	-2.46	3	Horizontal	344	2.12
2422MHz	Pass	PK	2.416G	120.18	Inf	-Inf	3	Horizontal	344	2.12
2422MHz	Pass	PK	2.4852G	65.23	74.00	-8.77	3	Horizontal	344	2.12
2422MHz	Pass	AV	4.8704G	33.71	54.00	-20.29	3	Vertical	225	1.50
2422MHz	Pass	PK	4.85168G	46.22	74.00	-27.78	3	Vertical	225	1.50
2422MHz	Pass	AV	4.87388G	33.59	54.00	-20.41	3	Horizontal	67	1.52
2422MHz	Pass	PK	4.81784G	46.01	74.00	-27.99	3	Horizontal	67	1.52
2427MHz	Pass	AV	2.3898G	52.03	54.00	-1.97	3	Vertical	348	1.58
2427MHz	Pass	AV	2.4262G	105.24	Inf	-Inf	3	Vertical	348	1.58
2427MHz	Pass	AV	2.4846G	49.46	54.00	-4.54	3	Vertical	348	1.58
2427MHz	Pass	PK	2.3898G	66.56	74.00	-7.44	3	Vertical	348	1.58
2427MHz	Pass	PK	2.4258G	117.39	Inf	-Inf	3	Vertical	348	1.58
2427MHz	Pass	PK	2.4854G	62.64	74.00	-11.36	3	Vertical	348	1.58
2427MHz	Pass	AV	2.3898G	52.18	54.00	-1.82	3	Horizontal	343	2.02
2427MHz	Pass	AV	2.4214G	109.63	Inf	-Inf	3	Horizontal	343	2.02
2427MHz	Pass	AV	2.4835G	50.85	54.00	-3.15	3	Horizontal	343	2.02
2427MHz	Pass	PK	2.3894G	70.48	74.00	-3.52	3	Horizontal	343	2.02
2427MHz	Pass	PK	2.4318G	121.15	Inf	-Inf	3	Horizontal	343	2.02
2427MHz	Pass	PK	2.4842G	67.57	74.00	-6.43	3	Horizontal	343	2.02
2437MHz	Pass	AV	2.3894G	48.51	54.00	-5.49	3	Vertical	350	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	AV	2.4258G	104.05	Inf	-Inf	3	Vertical	350	1.50
2437MHz	Pass	AV	2.4862G	49.69	54.00	-4.31	3	Vertical	350	1.50
2437MHz	Pass	PK	2.3894G	61.14	74.00	-12.86	3	Vertical	350	1.50
2437MHz	Pass	PK	2.4266G	116.31	Inf	-Inf	3	Vertical	350	1.50
2437MHz	Pass	PK	2.4866G	65.92	74.00	-8.08	3	Vertical	350	1.50
2437MHz	Pass	AV	2.3898G	48.93	54.00	-5.07	3	Horizontal	334	1.80
2437MHz	Pass	AV	2.4422G	109.19	Inf	-Inf	3	Horizontal	334	1.80
2437MHz	Pass	AV	2.4835G	53.40	54.00	-0.60	3	Horizontal	334	1.80
2437MHz	Pass	PK	2.3894G	68.43	74.00	-5.57	3	Horizontal	334	1.80
2437MHz	Pass	PK	2.4414G	120.61	Inf	-Inf	3	Horizontal	334	1.80
2437MHz	Pass	PK	2.485G	72.86	74.00	-1.14	3	Horizontal	334	1.80
2437MHz	Pass	AV	4.88732G	34.20	54.00	-19.80	3	Vertical	305	1.50
2437MHz	Pass	PK	4.8884G	46.33	74.00	-27.67	3	Vertical	305	1.50
2437MHz	Pass	AV	4.9034G	33.96	54.00	-20.04	3	Horizontal	256	1.50
2437MHz	Pass	PK	4.89884G	46.33	74.00	-27.67	3	Horizontal	256	1.50
2447MHz	Pass	AV	2.3894G	46.84	54.00	-7.16	3	Vertical	36	1.29
2447MHz	Pass	AV	2.4506G	102.31	Inf	-Inf	3	Vertical	36	1.29
2447MHz	Pass	AV	2.4835G	49.87	54.00	-4.13	3	Vertical	36	1.29
2447MHz	Pass	PK	2.3818G	59.63	74.00	-14.37	3	Vertical	36	1.29
2447MHz	Pass	PK	2.4498G	114.28	Inf	-Inf	3	Vertical	36	1.29
2447MHz	Pass	PK	2.4886G	61.42	74.00	-12.58	3	Vertical	36	1.29
2447MHz	Pass	AV	2.3894G	47.10	54.00	-6.90	3	Horizontal	340	1.77
2447MHz	Pass	AV	2.4414G	107.08	Inf	-Inf	3	Horizontal	340	1.77
2447MHz	Pass	AV	2.4835G	53.67	54.00	-0.33	3	Horizontal	340	1.77
2447MHz	Pass	PK	2.3802G	59.50	74.00	-14.50	3	Horizontal	340	1.77
2447MHz	Pass	PK	2.4514G	118.58	Inf	-Inf	3	Horizontal	340	1.77
2447MHz	Pass	PK	2.4842G	65.75	74.00	-8.25	3	Horizontal	340	1.77
2452MHz	Pass	AV	2.3876G	45.34	54.00	-8.66	3	Vertical	37	1.29
2452MHz	Pass	AV	2.4464G	100.33	Inf	-Inf	3	Vertical	37	1.29
2452MHz	Pass	AV	2.4852G	49.60	54.00	-4.40	3	Vertical	37	1.29
2452MHz	Pass	PK	2.39G	58.95	74.00	-15.05	3	Vertical	37	1.29
2452MHz	Pass	PK	2.4456G	113.25	Inf	-Inf	3	Vertical	37	1.29
2452MHz	Pass	PK	2.4848G	63.18	74.00	-10.82	3	Vertical	37	1.29
2452MHz	Pass	AV	2.39G	45.69	54.00	-8.31	3	Horizontal	339	1.76
2452MHz	Pass	AV	2.4464G	105.33	Inf	-Inf	3	Horizontal	339	1.76
2452MHz	Pass	AV	2.4868G	53.62	54.00	-0.38	3	Horizontal	339	1.76
2452MHz	Pass	PK	2.38G	59.58	74.00	-14.42	3	Horizontal	339	1.76
2452MHz	Pass	PK	2.4456G	118.94	Inf	-Inf	3	Horizontal	339	1.76
2452MHz	Pass	PK	2.4848G	68.37	74.00	-5.63	3	Horizontal	339	1.76
2452MHz	Pass	AV	4.9064G	34.01	54.00	-19.99	3	Vertical	57	1.56
2452MHz	Pass	PK	4.88396G	46.16	74.00	-27.84	3	Vertical	57	1.56
2452MHz	Pass	AV	4.90724G	34.01	54.00	-19.99	3	Horizontal	284	1.38
2452MHz	Pass	PK	4.88444G	46.48	74.00	-27.52	3	Horizontal	284	1.38

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

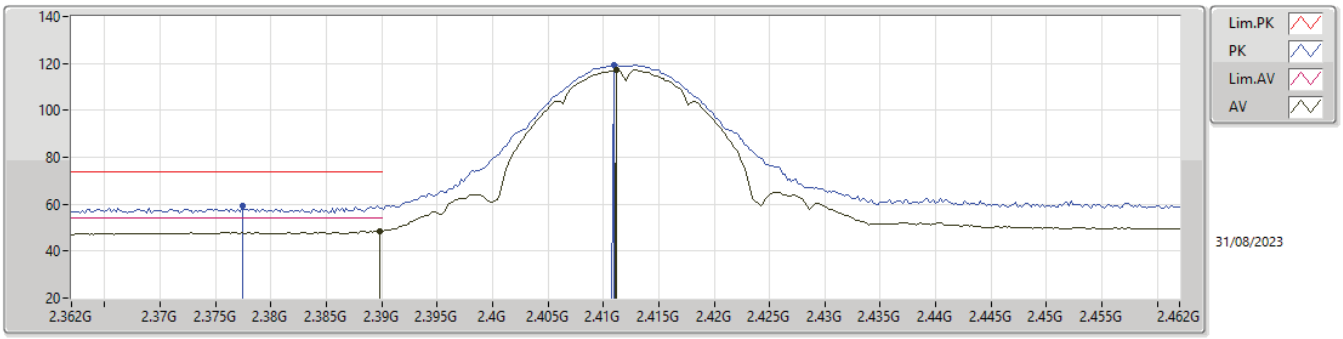
2412MHz_TX



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	2.39G	48.07	54.00	-5.93	32.19	3	Vertical	339	1.54	15.88	27.54	4.65	-
AV	2.4112G	113.95	Inf	-Inf	32.30	3	Vertical	339	1.54	81.65	27.62	4.68	-
PK	2.3896G	59.29	74.00	-14.71	32.19	3	Vertical	339	1.54	27.10	27.54	4.65	-
PK	2.411G	116.27	Inf	-Inf	32.30	3	Vertical	339	1.54	83.97	27.62	4.68	-

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

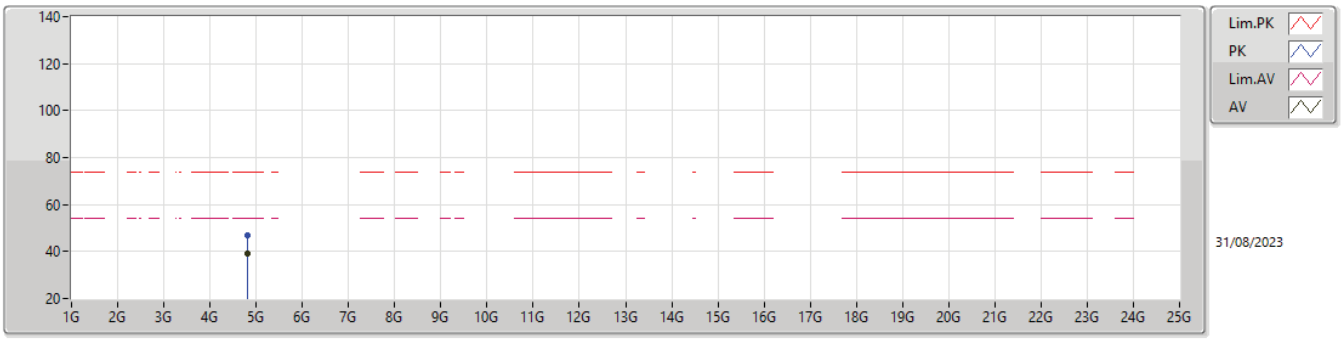
2412MHz_TX



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	2.3898G	48.51	54.00	-5.49	32.19	3	Horizontal	27	1.42	16.32	27.54	4.65	-
AV	2.4112G	117.11	Inf	-Inf	32.30	3	Horizontal	27	1.42	84.81	27.62	4.68	-
PK	2.3774G	59.23	74.00	-14.77	32.09	3	Horizontal	27	1.42	27.14	27.46	4.63	-
PK	2.411G	119.45	Inf	-Inf	32.30	3	Horizontal	27	1.42	87.15	27.62	4.68	-

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

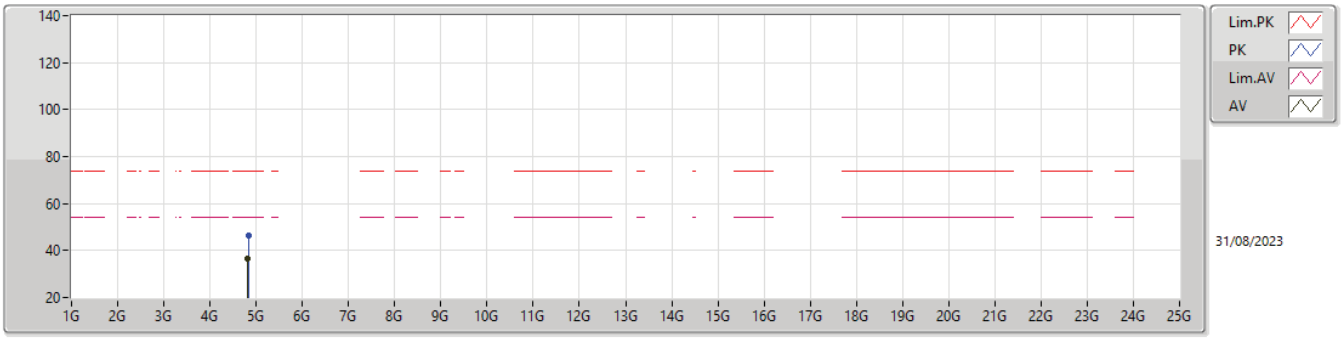
2412MHz_TX



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	39.24	54.00	-14.76	5.23	3	Vertical	0	3.00	34.01	32.44	6.80	34.01
PK	4.82416G	46.92	74.00	-27.08	5.23	3	Vertical	0	3.00	41.69	32.44	6.80	34.01

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

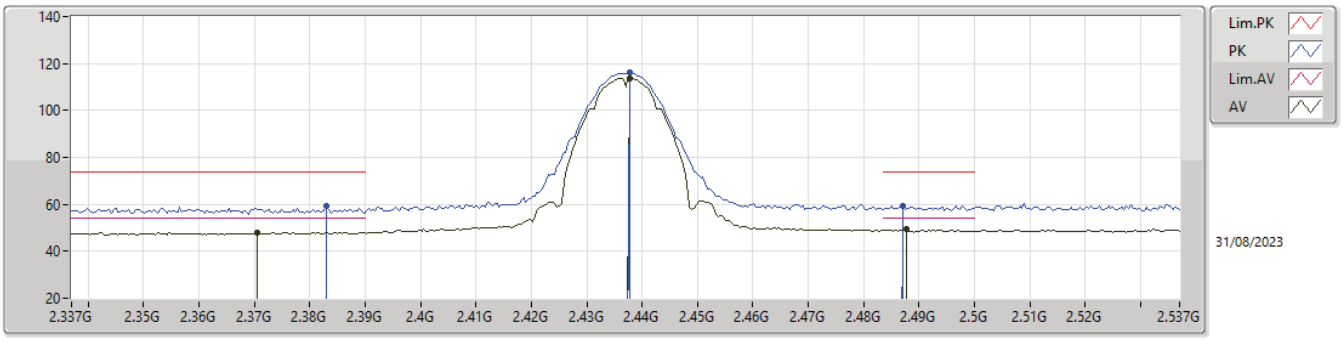
2412MHz_TX



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	4.82388G	36.39	54.00	-17.61	5.23	3	Horizontal	360	3.00	31.16	32.44	6.80	34.01
PK	4.83052G	46.42	74.00	-27.58	5.27	3	Horizontal	360	3.00	41.15	32.48	6.80	34.01

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

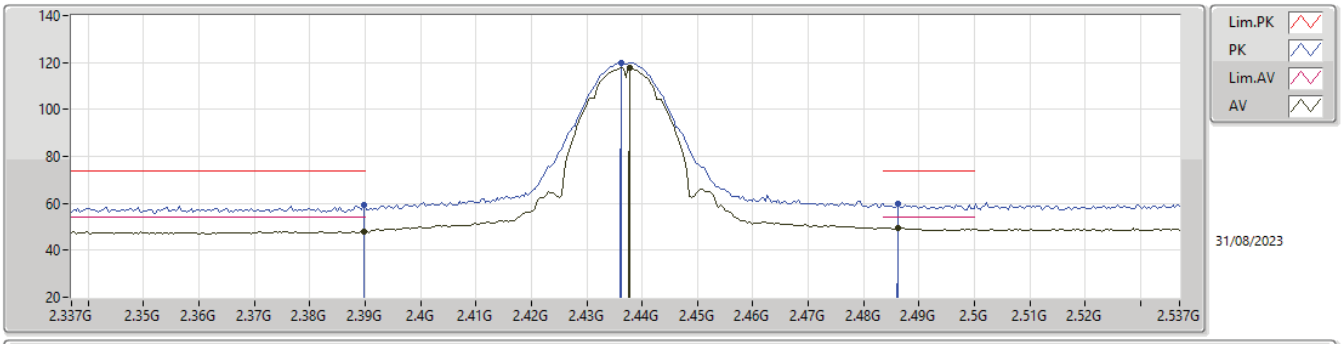
2437MHz_TX



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	2.3706G	47.89	54.00	-6.11	32.04	3	Vertical	345	1.79	15.85	27.42	4.62	-
AV	2.4378G	113.76	Inf	-Inf	32.40	3	Vertical	345	1.79	81.36	27.68	4.72	-
AV	2.4878G	49.25	54.00	-4.75	32.74	3	Vertical	345	1.79	16.51	27.93	4.81	-
PK	2.383G	59.09	74.00	-14.91	32.14	3	Vertical	345	1.79	26.95	27.50	4.64	-
PK	2.4378G	116.02	Inf	-Inf	32.40	3	Vertical	345	1.79	83.62	27.68	4.72	-
PK	2.487G	59.47	74.00	-14.53	32.73	3	Vertical	345	1.79	26.74	27.92	4.81	-

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

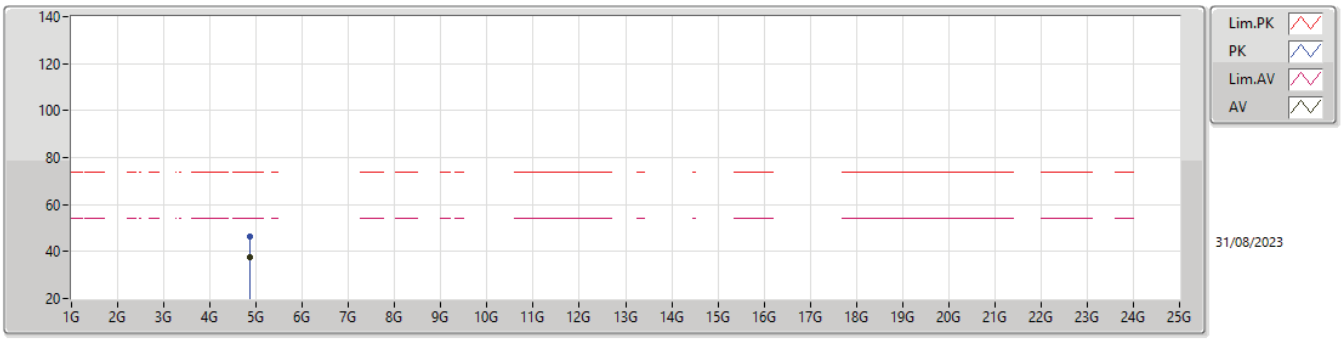
2437MHz_TX



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	48.07	54.00	-5.93	32.19	3	Horizontal	25	1.59	15.88	27.54	4.65	-
AV	2.4378G	117.55	Inf	-Inf	32.40	3	Horizontal	25	1.59	85.15	27.68	4.72	-
AV	2.4862G	49.47	54.00	-4.53	32.73	3	Horizontal	25	1.59	16.74	27.92	4.81	-
PK	2.3898G	59.10	74.00	-14.90	32.19	3	Horizontal	25	1.59	26.91	27.54	4.65	-
PK	2.4362G	119.87	Inf	-Inf	32.39	3	Horizontal	25	1.59	87.48	27.67	4.72	-
PK	2.4862G	59.87	74.00	-14.13	32.73	3	Horizontal	25	1.59	27.14	27.92	4.81	-

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

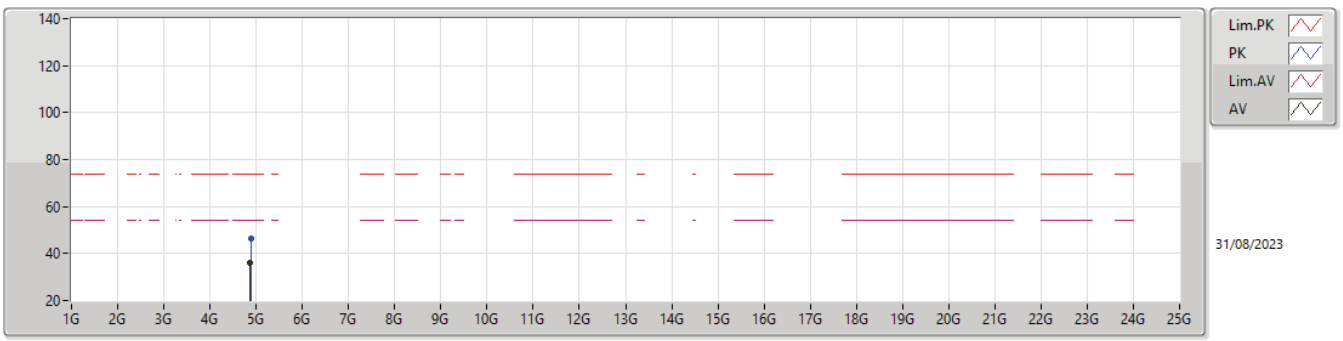
2437MHz_TX



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	4.87396G	37.47	54.00	-16.53	5.51	3	Vertical	268	2.73	31.96	32.70	6.82	34.01
PK	4.87376G	46.63	74.00	-27.37	5.51	3	Vertical	268	2.73	41.12	32.70	6.82	34.01

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

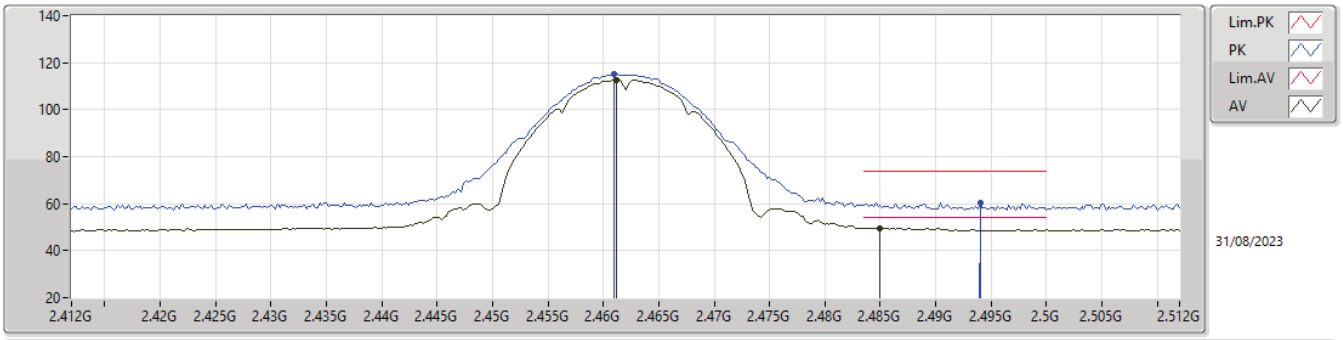
2437MHz_TX



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	4.87392G	35.95	54.00	-18.05	5.51	3	Horizontal	0	3.00	30.44	32.70	6.82	34.01
PK	4.8812G	46.54	74.00	-27.46	5.54	3	Horizontal	0	3.00	41.00	32.72	6.82	34.00

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

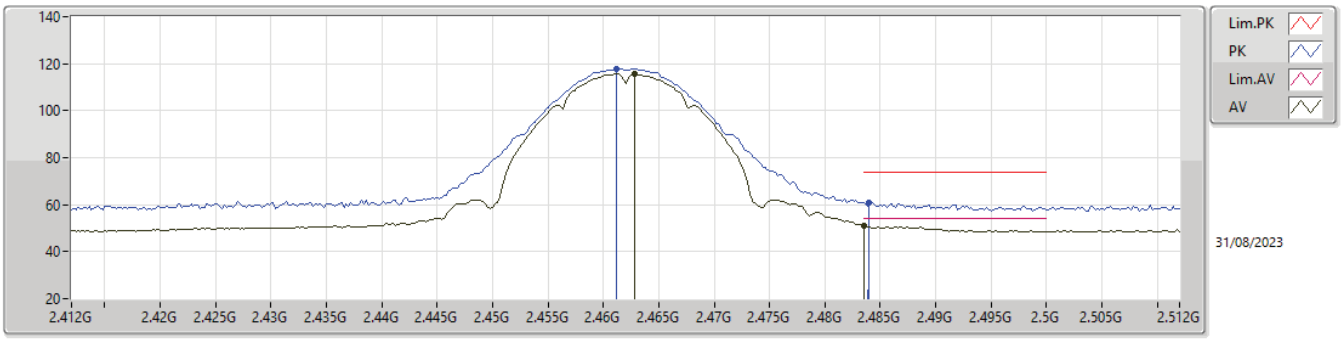
2462MHz_TX



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	2.4612G	112.70	Inf	-Inf	32.53	3	Vertical	343	1.44	80.17	27.77	4.76	-
AV	2.485G	49.67	54.00	-4.33	32.71	3	Vertical	343	1.44	16.96	27.91	4.80	-
PK	2.461G	115.02	Inf	-Inf	32.53	3	Vertical	343	1.44	82.49	27.77	4.76	-
PK	2.494G	60.33	74.00	-13.67	32.78	3	Vertical	343	1.44	27.55	27.96	4.82	-

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

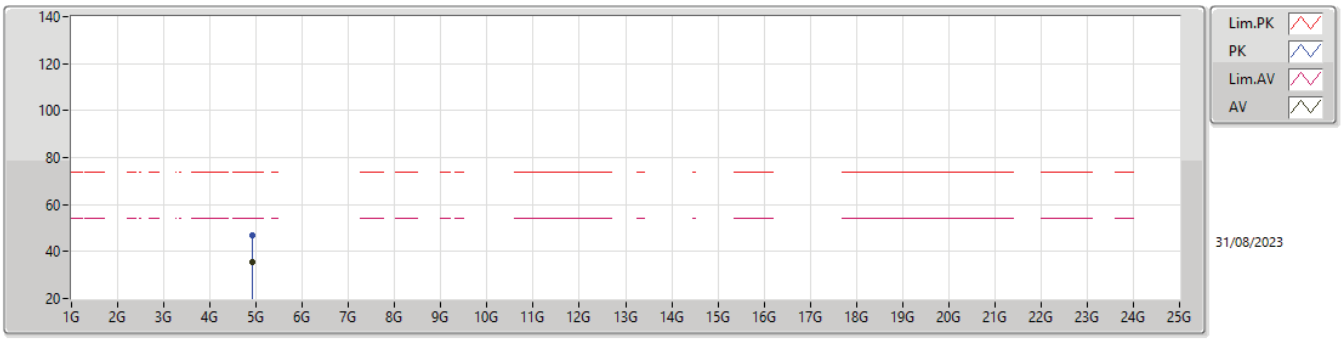
2462MHz_TX



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	115.65	Inf	-Inf	32.55	3	Horizontal	6	1.53	83.10	27.78	4.77	-
AV	2.4835G	51.03	54.00	-2.97	32.70	3	Horizontal	6	1.53	18.33	27.90	4.80	-
PK	2.4612G	117.95	Inf	-Inf	32.53	3	Horizontal	6	1.53	85.42	27.77	4.76	-
PK	2.484G	60.95	74.00	-13.05	32.70	3	Horizontal	6	1.53	28.25	27.90	4.80	-

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

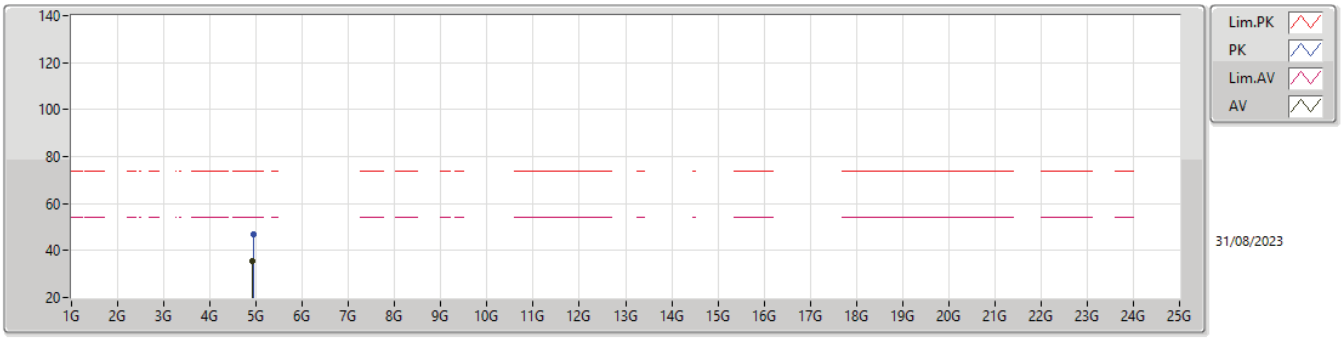
2462MHz_TX



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	4.926G	35.45	54.00	-18.55	5.80	3	Vertical	360	3.00	29.65	32.96	6.84	34.00
PK	4.92712G	46.90	74.00	-27.10	5.80	3	Vertical	360	3.00	41.10	32.96	6.84	34.00

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

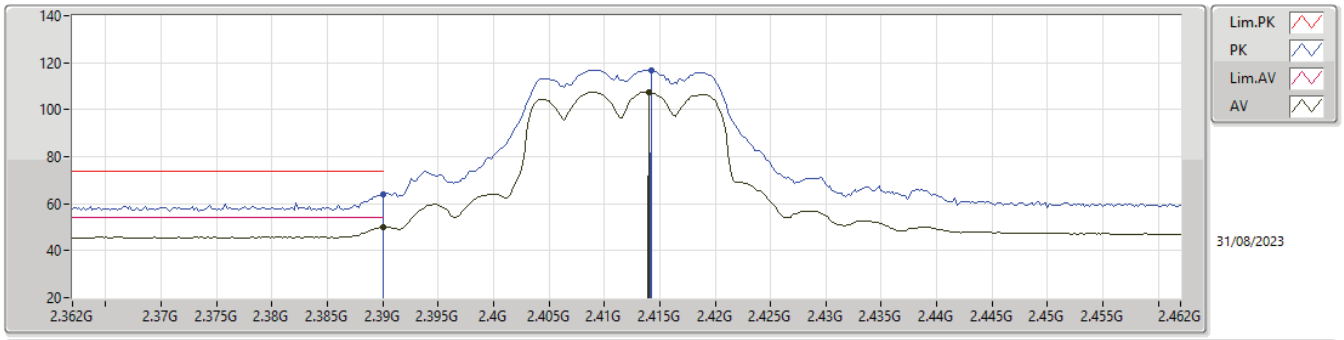
2462MHz_TX



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	4.92656G	35.44	54.00	-18.56	5.80	3	Horizontal	212	2.49	29.64	32.96	6.84	34.00
PK	4.93236G	46.75	74.00	-27.25	5.83	3	Horizontal	212	2.49	40.92	32.99	6.84	34.00

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

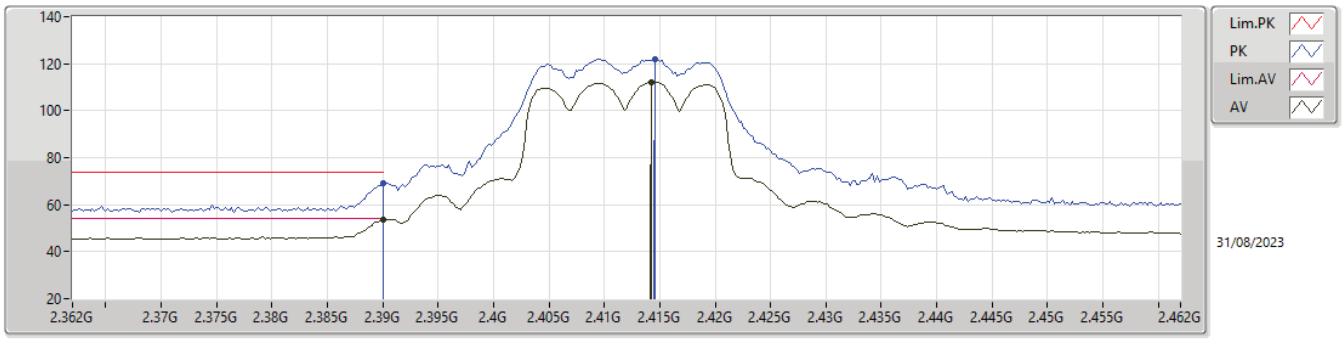
2412MHz_TX



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	50.20	54.00	-3.80	32.19	3	Vertical	36	1.54	18.01	27.54	4.65	-
AV	2.414G	107.55	Inf	-Inf	32.31	3	Vertical	36	1.54	75.24	27.63	4.68	-
PK	2.39G	64.21	74.00	-9.79	32.19	3	Vertical	36	1.54	32.02	27.54	4.65	-
PK	2.4142G	116.79	Inf	-Inf	32.31	3	Vertical	36	1.54	84.48	27.63	4.68	-

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

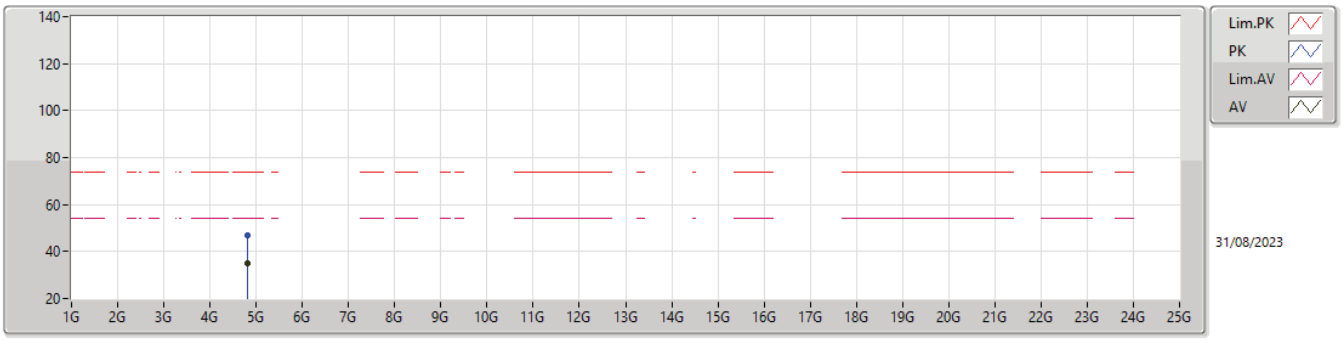
2412MHz_TX



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	53.47	54.00	-0.53	32.19	3	Horizontal	342	2.11	21.28	27.54	4.65	-
AV	2.4142G	112.05	Inf	-Inf	32.31	3	Horizontal	342	2.11	79.74	27.63	4.68	-
PK	2.39G	69.14	74.00	-4.86	32.19	3	Horizontal	342	2.11	36.95	27.54	4.65	-
PK	2.4146G	122.02	Inf	-Inf	32.31	3	Horizontal	342	2.11	89.71	27.63	4.68	-

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

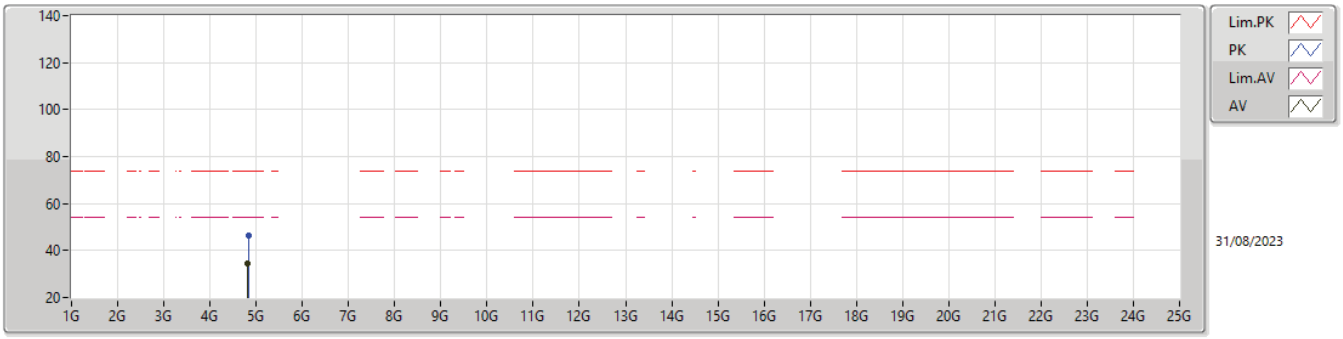
2412MHz_TX



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	4.81398G	34.96	54.00	-19.04	5.17	3	Vertical	325	1.32	29.79	32.38	6.80	34.01
PK	4.818G	46.83	74.00	-27.17	5.20	3	Vertical	325	1.32	41.63	32.41	6.80	34.01

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

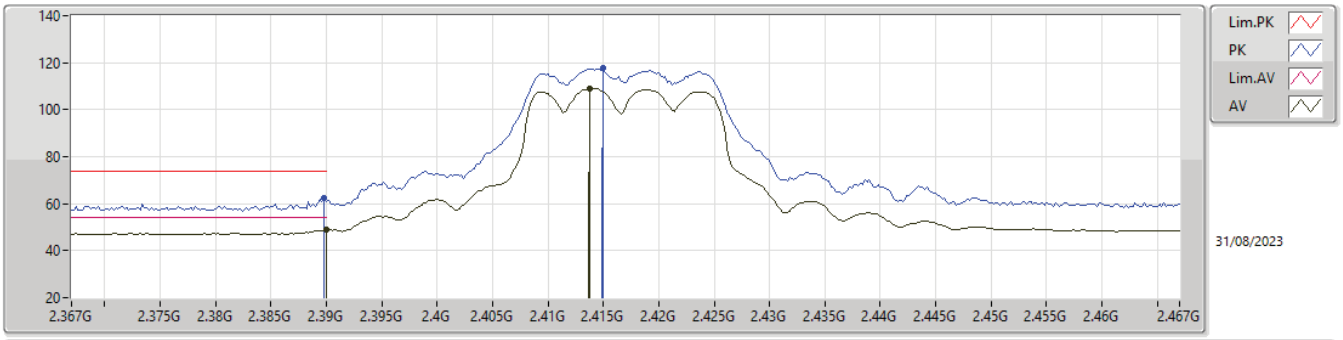
2412MHz_TX



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	4.82406G	34.55	54.00	-19.45	5.23	3	Horizontal	8	2.71	29.32	32.44	6.80	34.01
PK	4.82544G	46.27	74.00	-27.73	5.24	3	Horizontal	8	2.71	41.03	32.45	6.80	34.01

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

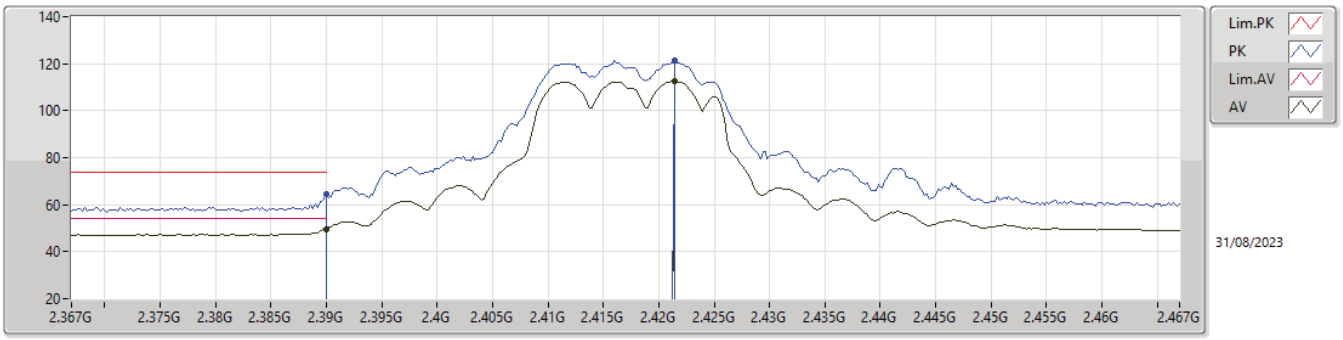
2417MHz_TX



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	48.73	54.00	-5.27	32.19	3	Vertical	34	1.54	16.54	27.54	4.65	-
AV	2.4138G	109.11	Inf	-Inf	32.31	3	Vertical	34	1.54	76.80	27.63	4.68	-
PK	2.3898G	62.23	74.00	-11.77	32.19	3	Vertical	34	1.54	30.04	27.54	4.65	-
PK	2.415G	117.64	Inf	-Inf	32.32	3	Vertical	34	1.54	85.32	27.63	4.69	-

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

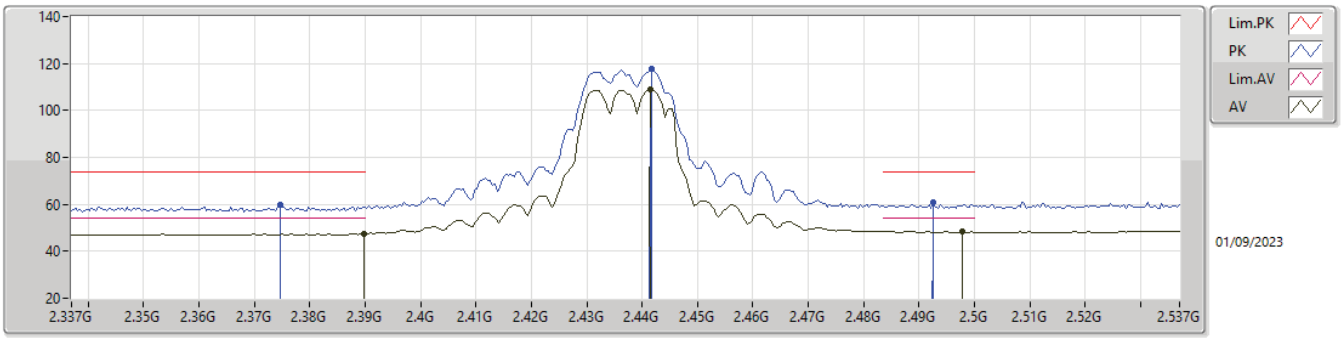
2417MHz_TX



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	49.73	54.00	-4.27	32.19	3	Horizontal	31	1.62	17.54	27.54	4.65	-
AV	2.4214G	112.45	Inf	-Inf	32.34	3	Horizontal	31	1.62	80.11	27.64	4.70	-
PK	2.39G	64.60	74.00	-9.40	32.19	3	Horizontal	31	1.62	32.41	27.54	4.65	-
PK	2.4214G	121.61	Inf	-Inf	32.34	3	Horizontal	31	1.62	89.27	27.64	4.70	-

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

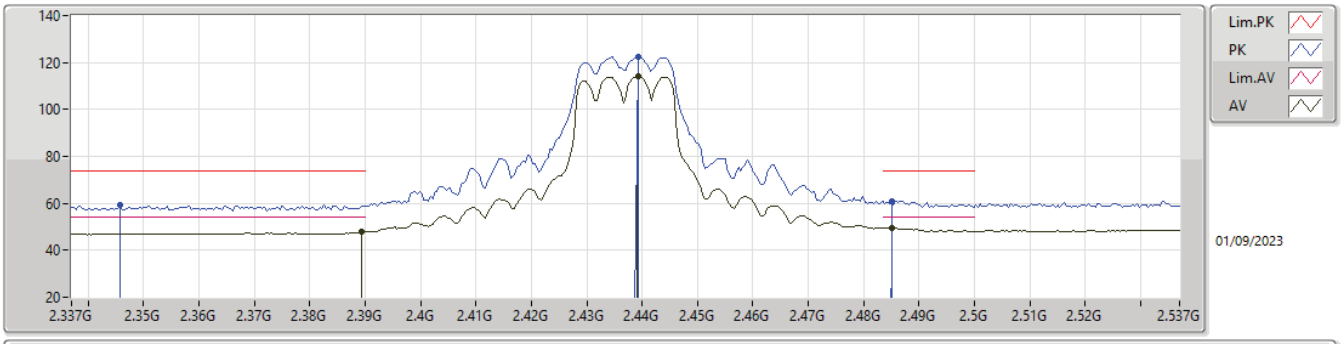
2437MHz_TX



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	2.3898G	47.60	54.00	-6.40	32.19	3	Vertical	345	1.78	15.41	27.54	4.65	-
AV	2.4414G	108.98	Inf	-Inf	32.41	3	Vertical	345	1.78	76.57	27.68	4.73	-
AV	2.4978G	48.35	54.00	-5.65	32.82	3	Vertical	345	1.78	15.53	27.99	4.83	-
PK	2.3746G	59.88	74.00	-14.12	32.08	3	Vertical	345	1.78	27.80	27.45	4.63	-
PK	2.4418G	117.59	Inf	-Inf	32.41	3	Vertical	345	1.78	85.18	27.68	4.73	-
PK	2.4926G	60.88	74.00	-13.12	32.78	3	Vertical	345	1.78	28.10	27.96	4.82	-

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

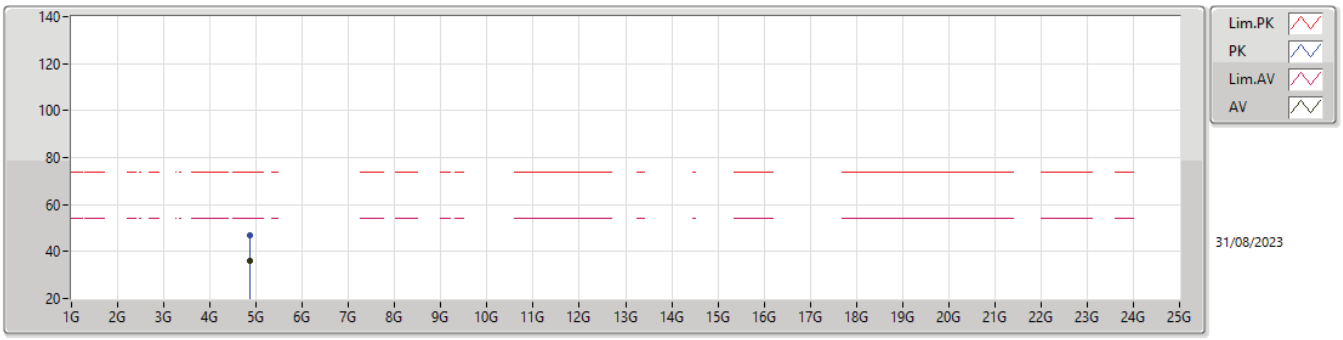
2437MHz_TX



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	2.3894G	47.83	54.00	-6.17	32.19	3	Horizontal	341	1.80	15.64	27.54	4.65	-
AV	2.4394G	114.22	Inf	-Inf	32.41	3	Horizontal	341	1.80	81.81	27.68	4.73	-
AV	2.485G	49.67	54.00	-4.33	32.71	3	Horizontal	341	1.80	16.96	27.91	4.80	-
PK	2.3458G	59.47	74.00	-14.53	31.88	3	Horizontal	341	1.80	27.59	27.29	4.59	-
PK	2.4394G	122.46	Inf	-Inf	32.41	3	Horizontal	341	1.80	90.05	27.68	4.73	-
PK	2.485G	60.90	74.00	-13.10	32.71	3	Horizontal	341	1.80	28.19	27.91	4.80	-

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

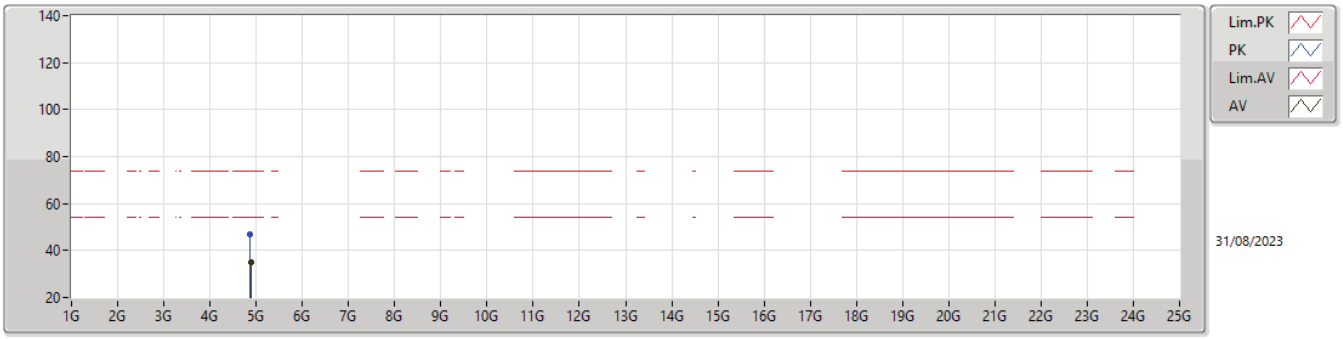
2437MHz_TX



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	4.87412G	35.85	54.00	-18.15	5.51	3	Vertical	322	1.50	30.34	32.70	6.82	34.01
PK	4.87388G	47.01	74.00	-26.99	5.51	3	Vertical	322	1.50	41.50	32.70	6.82	34.01

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

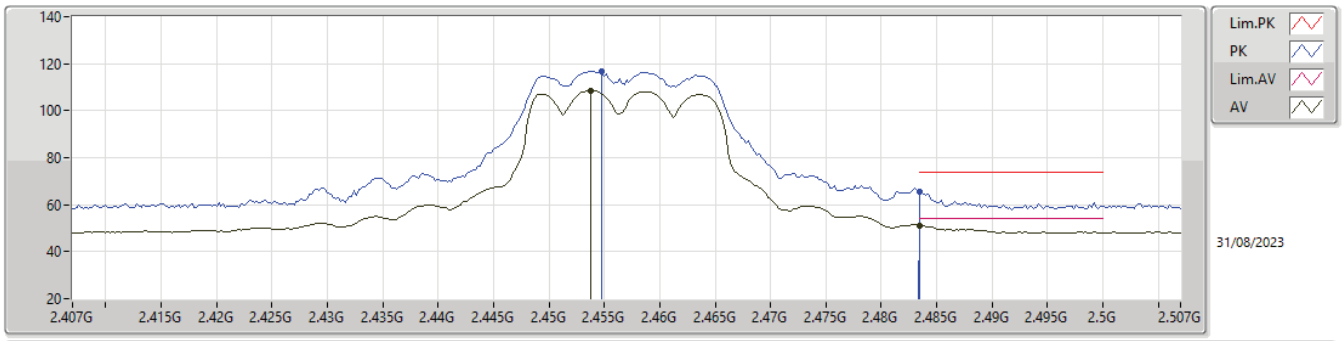
2437MHz_TX



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	4.8845G	34.77	54.00	-19.23	5.56	3	Horizontal	36	1.50	29.21	32.74	6.82	34.00
PK	4.87178G	46.93	74.00	-27.07	5.50	3	Horizontal	36	1.50	41.43	32.69	6.82	34.01

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

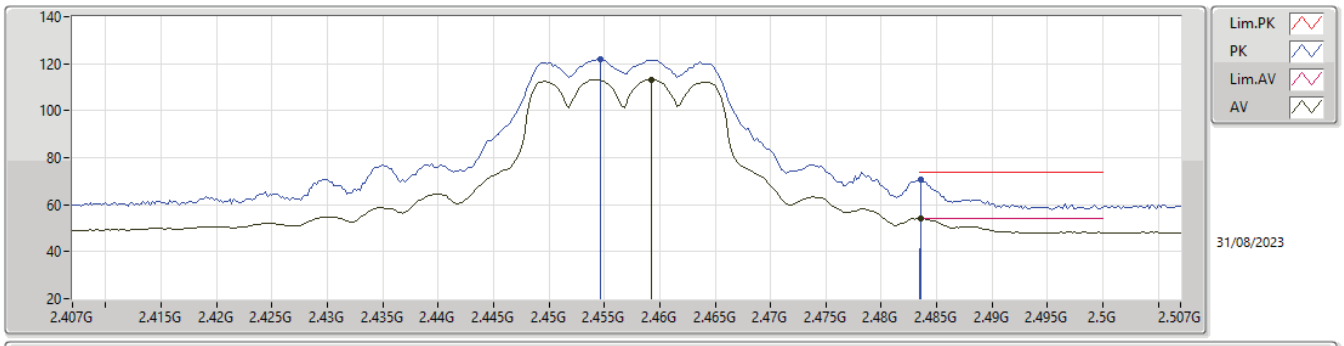
2457MHz_TX



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	2.4538G	108.63	Inf	-Inf	32.47	3	Vertical	37	1.53	76.16	27.72	4.75	-
AV	2.4835G	51.03	54.00	-2.97	32.70	3	Vertical	37	1.53	18.33	27.90	4.80	-
PK	2.4548G	116.93	Inf	-Inf	32.48	3	Vertical	37	1.53	84.45	27.73	4.75	-
PK	2.4835G	65.77	74.00	-8.23	32.70	3	Vertical	37	1.53	33.07	27.90	4.80	-

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

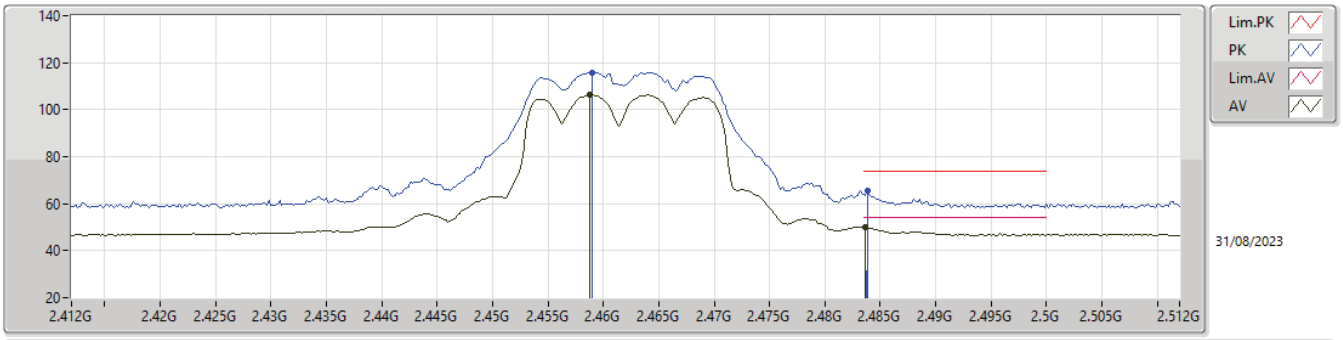
2457MHz_TX



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	113.34	Inf	-Inf	32.52	3	Horizontal	339	1.97	80.82	27.76	4.76	-
AV	2.4836G	53.93	54.00	-0.07	32.70	3	Horizontal	339	1.97	21.23	27.90	4.80	-
PK	2.4546G	121.97	Inf	-Inf	32.48	3	Horizontal	339	1.97	89.49	27.73	4.75	-
PK	2.4836G	70.91	74.00	-3.09	32.70	3	Horizontal	339	1.97	38.21	27.90	4.80	-

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

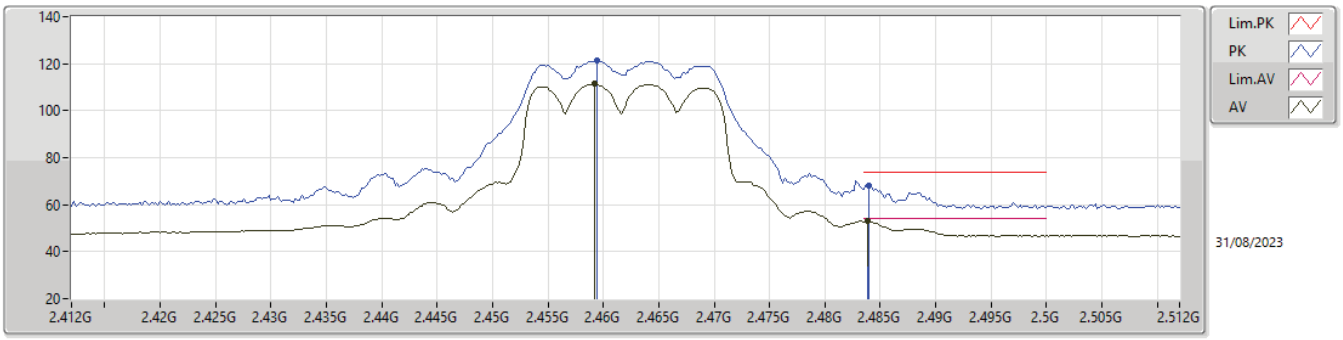
2462MHz_TX



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	2.4588G	106.36	Inf	-Inf	32.51	3	Vertical	36	1.22	73.85	27.75	4.76	-
AV	2.4836G	49.98	54.00	-4.02	32.70	3	Vertical	36	1.22	17.28	27.90	4.80	-
PK	2.459G	115.85	Inf	-Inf	32.51	3	Vertical	36	1.22	83.34	27.75	4.76	-
PK	2.4838G	65.58	74.00	-8.42	32.70	3	Vertical	36	1.22	32.88	27.90	4.80	-

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

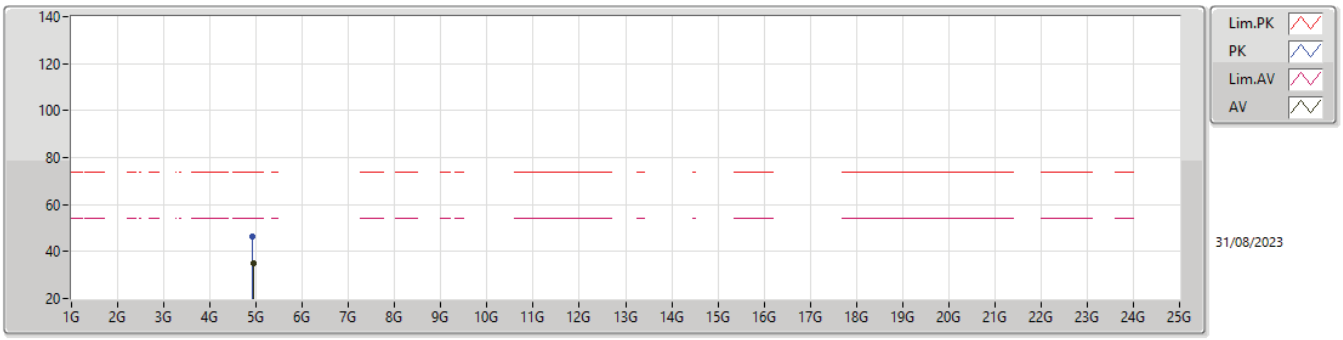
2462MHz_TX



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	2.4592G	111.41	Inf	-Inf	32.52	3	Horizontal	341	2.00	78.89	27.76	4.76	-
AV	2.4838G	52.86	54.00	-1.14	32.70	3	Horizontal	341	2.00	20.16	27.90	4.80	-
PK	2.4594G	121.16	Inf	-Inf	32.52	3	Horizontal	341	2.00	88.64	27.76	4.76	-
PK	2.484G	68.19	74.00	-5.81	32.70	3	Horizontal	341	2.00	35.49	27.90	4.80	-

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

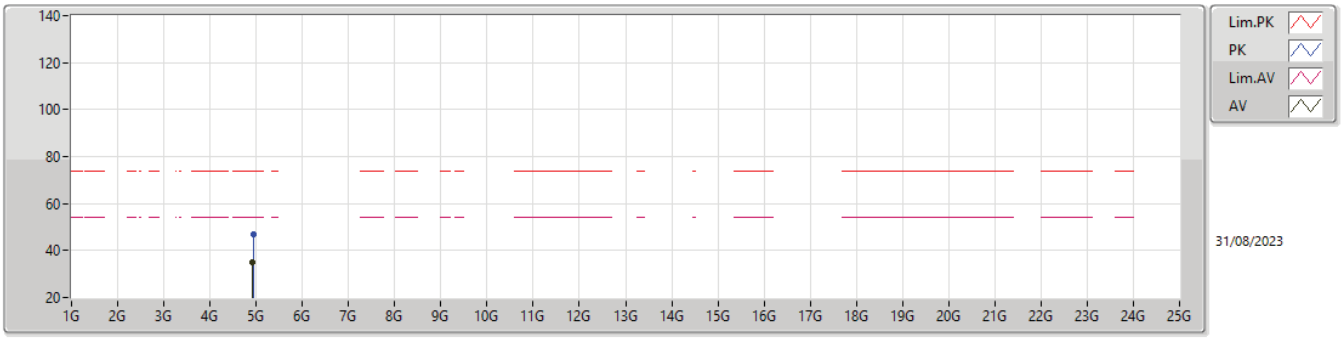
2462MHz_TX



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	4.93012G	34.84	54.00	-19.16	5.82	3	Vertical	330	1.50	29.02	32.98	6.84	34.00
PK	4.91128G	46.45	74.00	-27.55	5.70	3	Vertical	330	1.50	40.75	32.87	6.83	34.00

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

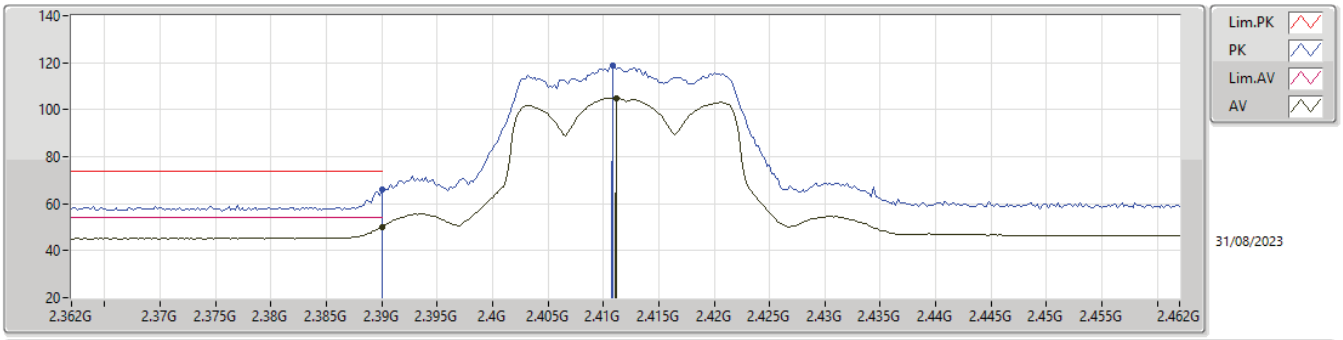
2462MHz_TX



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	4.92886G	34.76	54.00	-19.24	5.81	3	Horizontal	360	1.00	28.95	32.97	6.84	34.00
PK	4.93132G	47.13	74.00	-26.87	5.83	3	Horizontal	360	1.00	41.30	32.99	6.84	34.00

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

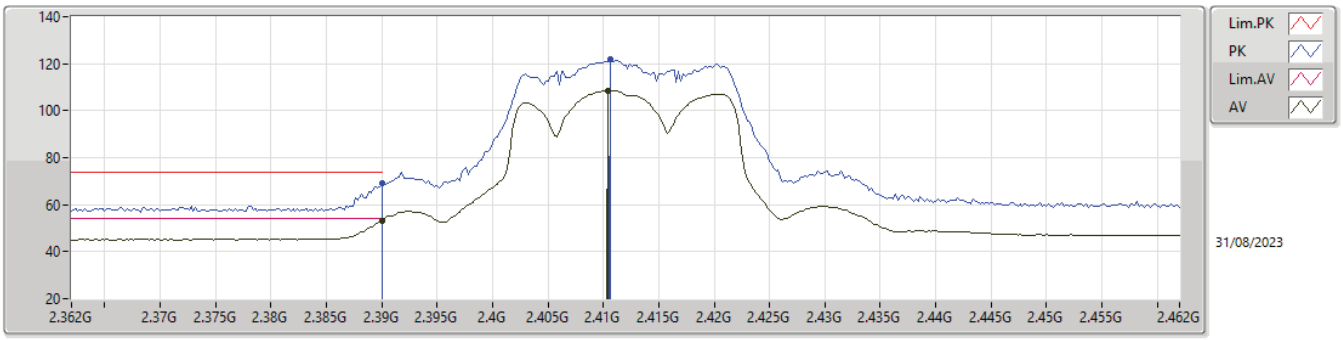
2412MHz_TX



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	50.18	54.00	-3.82	32.19	3	Vertical	348	1.55	17.99	27.54	4.65	-
AV	2.4112G	104.99	Inf	-Inf	32.30	3	Vertical	348	1.55	72.69	27.62	4.68	-
PK	2.39G	65.99	74.00	-8.01	32.19	3	Vertical	348	1.55	33.80	27.54	4.65	-
PK	2.4108G	118.70	Inf	-Inf	32.30	3	Vertical	348	1.55	86.40	27.62	4.68	-

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

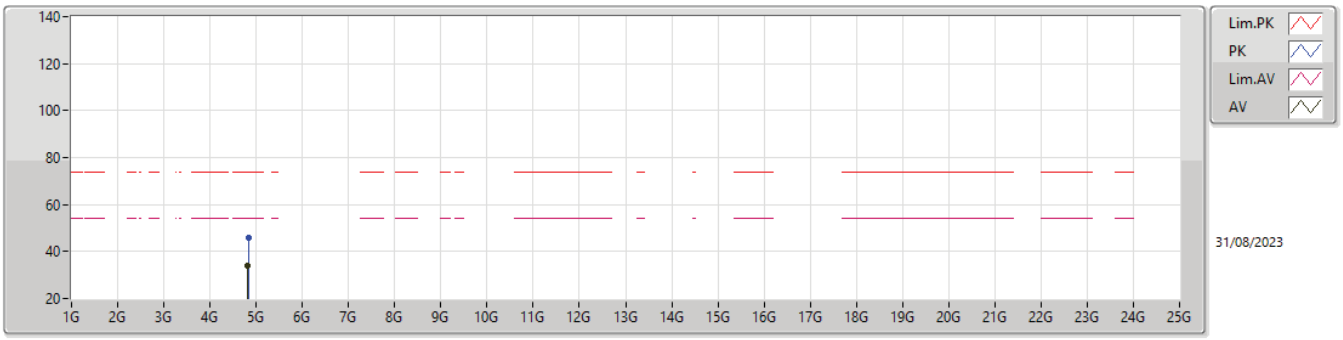
2412MHz_TX



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	53.15	54.00	-0.85	32.19	3	Horizontal	31	1.44	20.96	27.54	4.65	-
AV	2.4104G	108.48	Inf	-Inf	32.30	3	Horizontal	31	1.44	76.18	27.62	4.68	-
PK	2.39G	68.89	74.00	-5.11	32.19	3	Horizontal	31	1.44	36.70	27.54	4.65	-
PK	2.4106G	121.81	Inf	-Inf	32.30	3	Horizontal	31	1.44	89.51	27.62	4.68	-

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

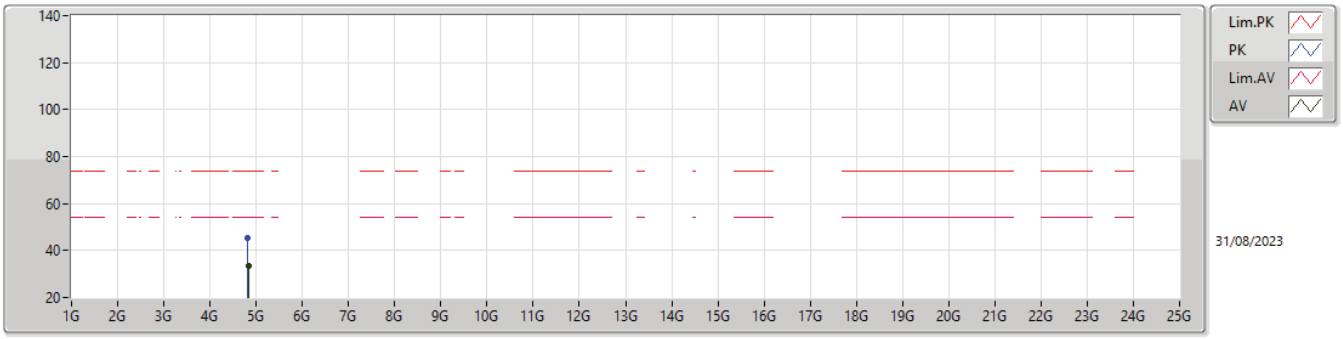
2412MHz_TX



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	4.81566G	33.93	54.00	-20.07	5.18	3	Vertical	316	1.95	28.75	32.39	6.80	34.01
PK	4.83708G	45.68	74.00	-28.32	5.31	3	Vertical	316	1.95	40.37	32.52	6.80	34.01

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

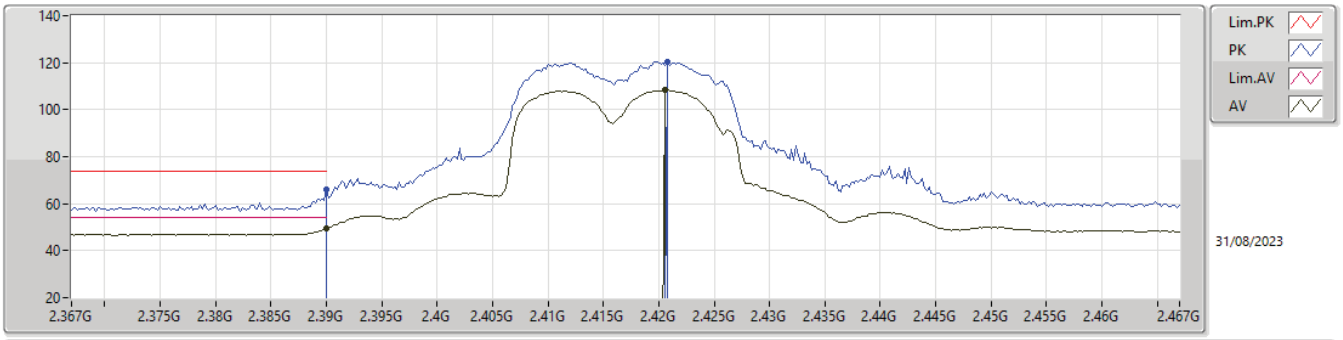
2412MHz_TX



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	4.82946G	33.66	54.00	-20.34	5.27	3	Horizontal	248	2.32	28.39	32.48	6.80	34.01
PK	4.80972G	45.60	74.00	-28.40	5.14	3	Horizontal	248	2.32	40.46	32.36	6.79	34.01

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

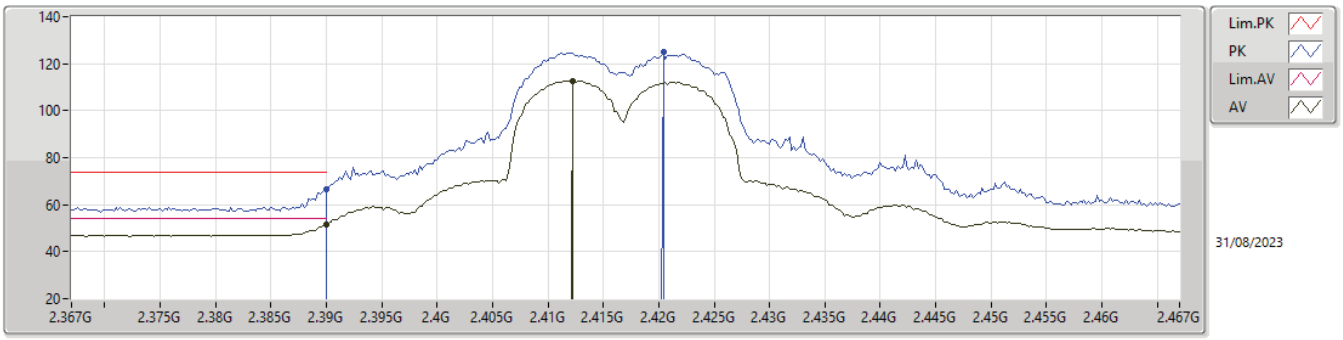
2417MHz_TX



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	49.34	54.00	-4.66	32.19	3	Vertical	34	1.40	17.15	27.54	4.65	-
AV	2.4206G	108.28	Inf	-Inf	32.34	3	Vertical	34	1.40	75.94	27.64	4.70	-
PK	2.39G	66.09	74.00	-7.91	32.19	3	Vertical	34	1.40	33.90	27.54	4.65	-
PK	2.4208G	120.35	Inf	-Inf	32.34	3	Vertical	34	1.40	88.01	27.64	4.70	-

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

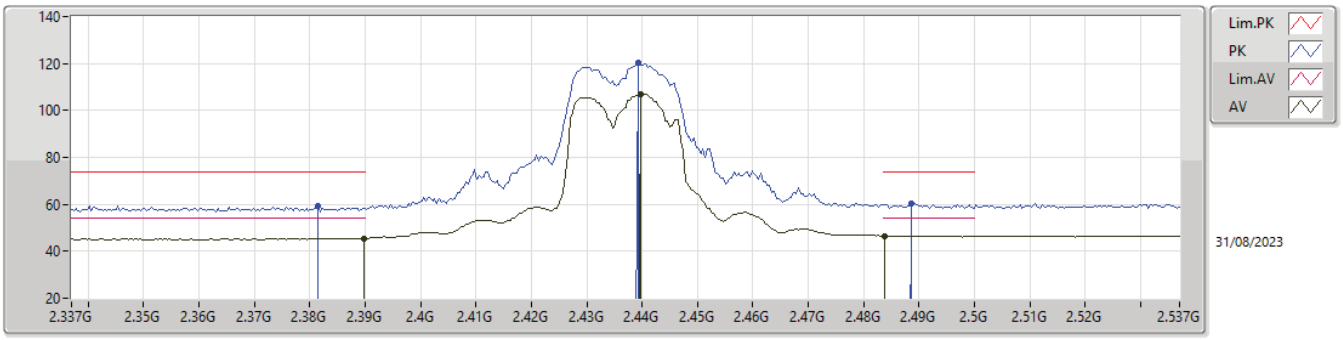
2417MHz_TX



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	51.74	54.00	-2.26	32.19	3	Horizontal	340	2.10	19.55	27.54	4.65	-
AV	2.4122G	112.68	Inf	-Inf	32.30	3	Horizontal	340	2.10	80.38	27.62	4.68	-
PK	2.39G	66.59	74.00	-7.41	32.19	3	Horizontal	340	2.10	34.40	27.54	4.65	-
PK	2.4204G	124.83	Inf	-Inf	32.33	3	Horizontal	340	2.10	92.50	27.64	4.69	-

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

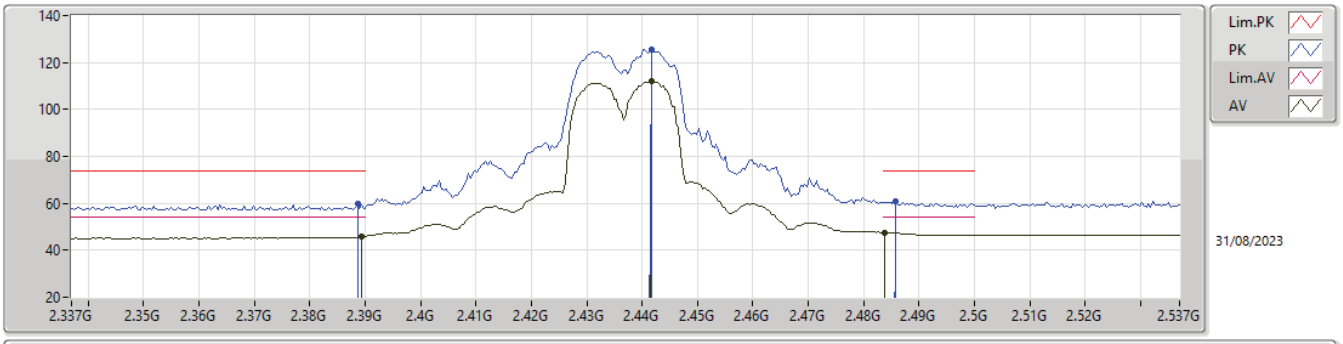
2437MHz_TX



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	45.45	54.00	-8.55	32.19	3	Vertical	43	1.78	13.26	27.54	4.65	-
AV	2.4398G	106.87	Inf	-Inf	32.41	3	Vertical	43	1.78	74.46	27.68	4.73	-
AV	2.4838G	46.62	54.00	-7.38	32.70	3	Vertical	43	1.78	13.92	27.90	4.80	-
PK	2.3814G	59.15	74.00	-14.85	32.13	3	Vertical	43	1.78	27.02	27.49	4.64	-
PK	2.4394G	120.13	Inf	-Inf	32.41	3	Vertical	43	1.78	87.72	27.68	4.73	-
PK	2.4886G	60.33	74.00	-13.67	32.74	3	Vertical	43	1.78	27.59	27.93	4.81	-

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

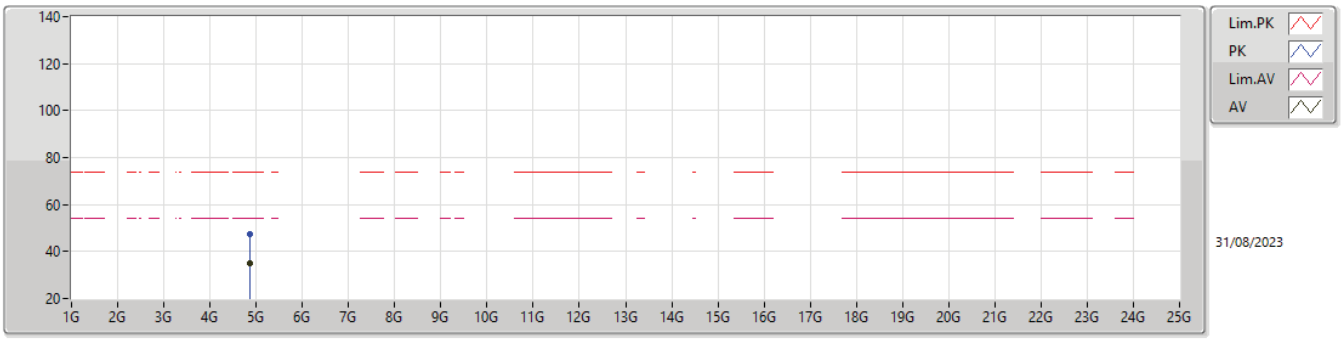
2437MHz_TX



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	2.3894G	45.81	54.00	-8.19	32.19	3	Horizontal	338	1.77	13.62	27.54	4.65	-
AV	2.4418G	111.99	Inf	-Inf	32.41	3	Horizontal	338	1.77	79.58	27.68	4.73	-
AV	2.4838G	47.51	54.00	-6.49	32.70	3	Horizontal	338	1.77	14.81	27.90	4.80	-
PK	2.3886G	59.83	74.00	-14.17	32.18	3	Horizontal	338	1.77	27.65	27.53	4.65	-
PK	2.4418G	125.55	Inf	-Inf	32.41	3	Horizontal	338	1.77	93.14	27.68	4.73	-
PK	2.4858G	61.12	74.00	-12.88	32.72	3	Horizontal	338	1.77	28.40	27.91	4.81	-

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

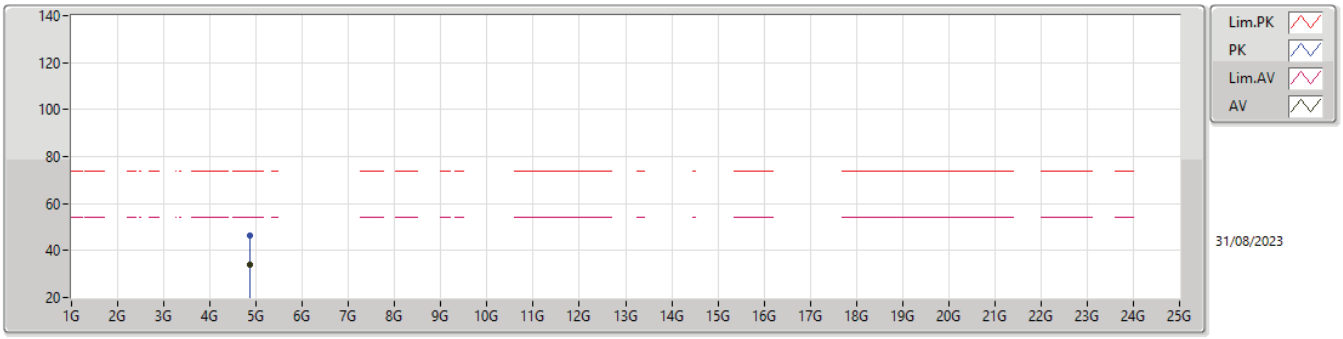
2437MHz_TX



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	4.8758G	34.75	54.00	-19.25	5.52	3	Vertical	317	1.50	29.23	32.70	6.82	34.00
PK	4.87436G	47.21	74.00	-26.79	5.51	3	Vertical	317	1.50	41.70	32.70	6.82	34.01

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

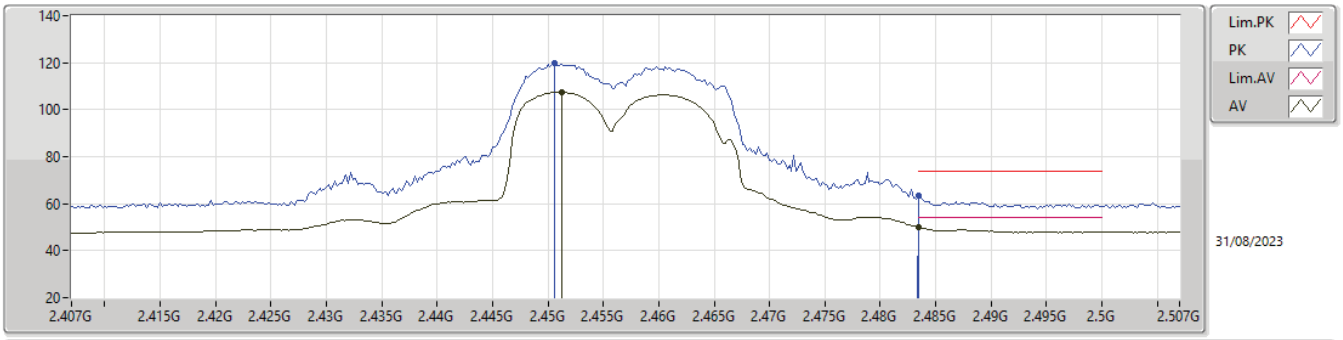
2437MHz_TX



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	4.87478G	34.22	54.00	-19.78	5.51	3	Horizontal	41	1.45	28.71	32.70	6.82	34.01
PK	4.87478G	46.52	74.00	-27.48	5.51	3	Horizontal	41	1.45	41.01	32.70	6.82	34.01

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

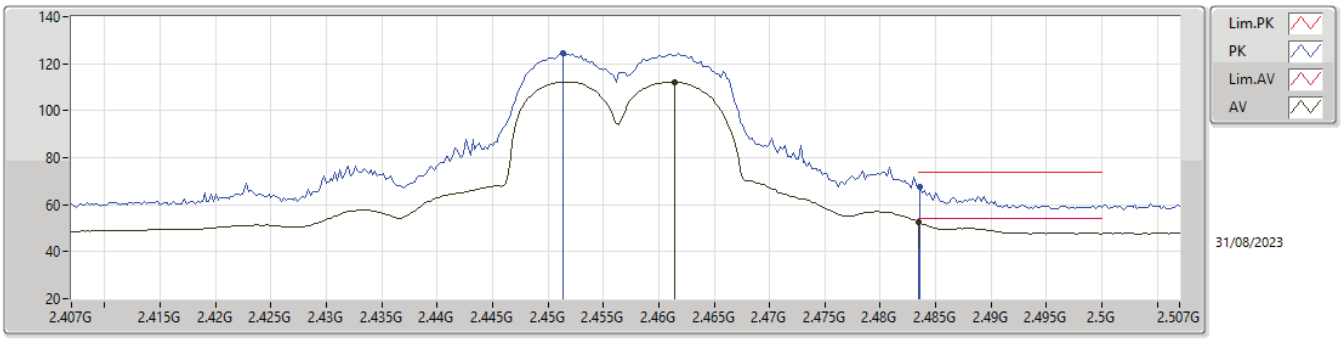
2457MHz_TX



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	2.4512G	107.48	Inf	-Inf	32.46	3	Vertical	37	1.30	75.02	27.71	4.75	-
AV	2.4835G	49.87	54.00	-4.13	32.70	3	Vertical	37	1.30	17.17	27.90	4.80	-
PK	2.4506G	119.68	Inf	-Inf	32.45	3	Vertical	37	1.30	87.23	27.70	4.75	-
PK	2.4835G	63.48	74.00	-10.52	32.70	3	Vertical	37	1.30	30.78	27.90	4.80	-

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

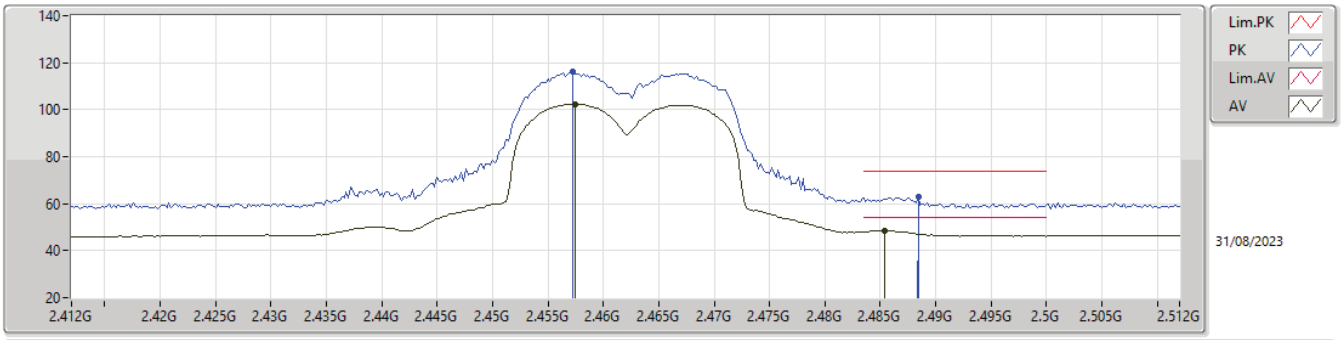
2457MHz_TX



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	2.4614G	112.20	Inf	-Inf	32.53	3	Horizontal	340	2.00	79.67	27.77	4.76	-
AV	2.4835G	52.53	54.00	-1.47	32.70	3	Horizontal	340	2.00	19.83	27.90	4.80	-
PK	2.4514G	124.70	Inf	-Inf	32.46	3	Horizontal	340	2.00	92.24	27.71	4.75	-
PK	2.4836G	67.66	74.00	-6.34	32.70	3	Horizontal	340	2.00	34.96	27.90	4.80	-

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

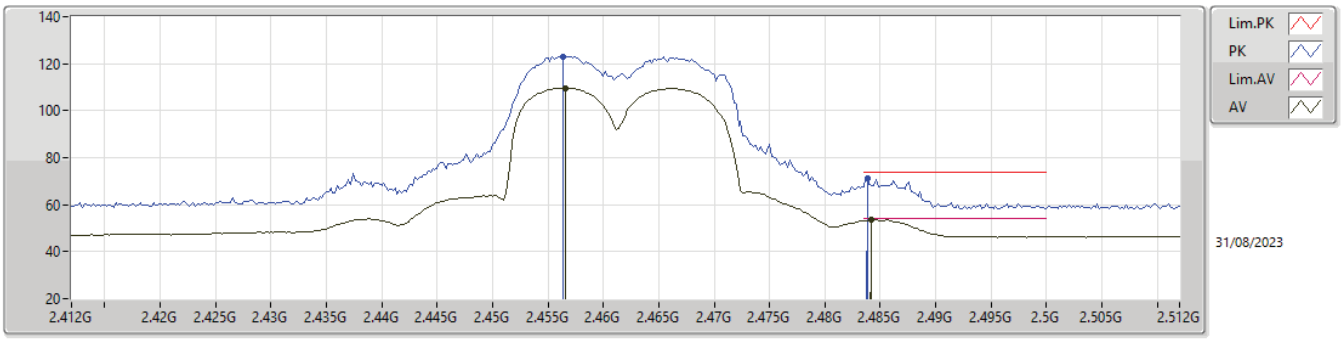
2462MHz_TX



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	2.4574G	102.40	Inf	-Inf	32.50	3	Vertical	19	1.40	69.90	27.74	4.76	-
AV	2.4854G	48.39	54.00	-5.61	32.72	3	Vertical	19	1.40	15.67	27.91	4.81	-
PK	2.4572G	116.01	Inf	-Inf	32.50	3	Vertical	19	1.40	83.51	27.74	4.76	-
PK	2.4884G	63.17	74.00	-10.83	32.74	3	Vertical	19	1.40	30.43	27.93	4.81	-

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

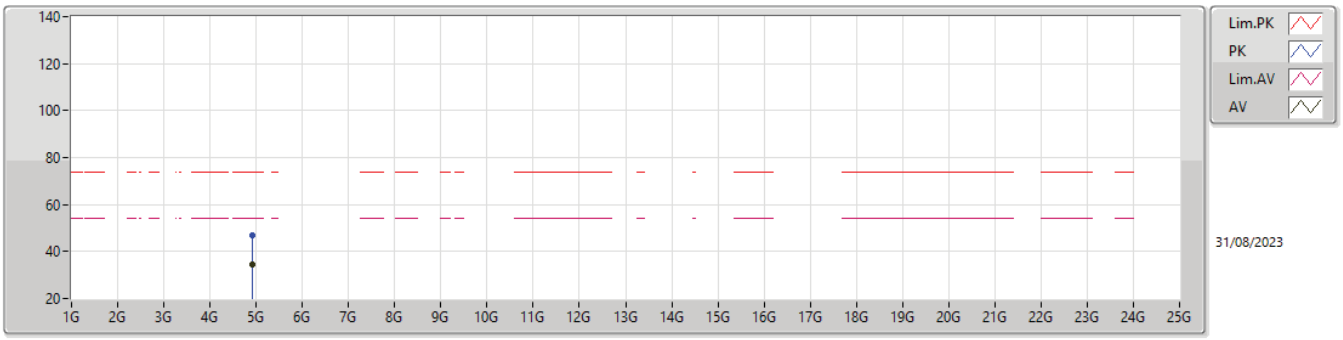
2462MHz_TX



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	2.4566G	109.68	Inf	-Inf	32.50	3	Horizontal	340	1.99	77.18	27.74	4.76	-
AV	2.4842G	53.52	54.00	-0.48	32.71	3	Horizontal	340	1.99	20.81	27.91	4.80	-
PK	2.4564G	123.15	Inf	-Inf	32.50	3	Horizontal	340	1.99	90.65	27.74	4.76	-
PK	2.4838G	71.42	74.00	-2.58	32.70	3	Horizontal	340	1.99	38.72	27.90	4.80	-

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

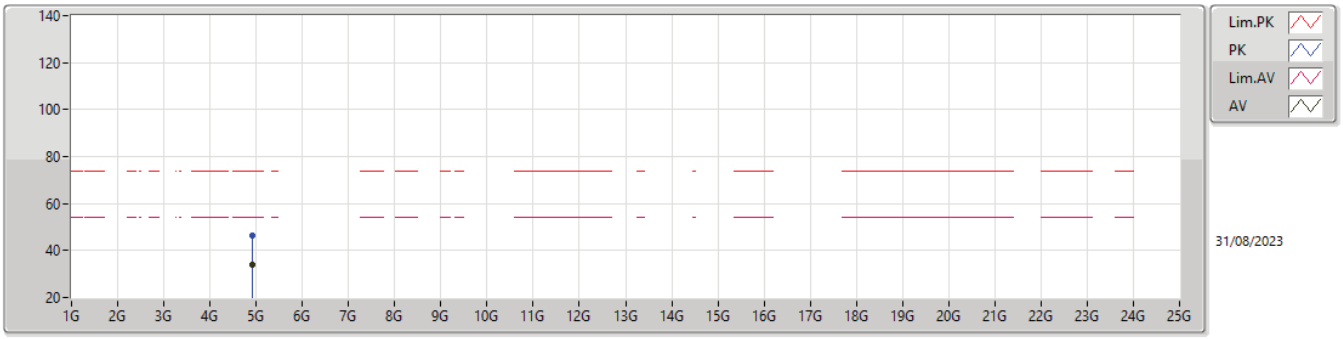
2462MHz_TX



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	4.92544G	34.31	54.00	-19.69	5.79	3	Vertical	62	2.28	28.52	32.95	6.84	34.00
PK	4.92802G	46.71	74.00	-27.29	5.81	3	Vertical	62	2.28	40.90	32.97	6.84	34.00

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

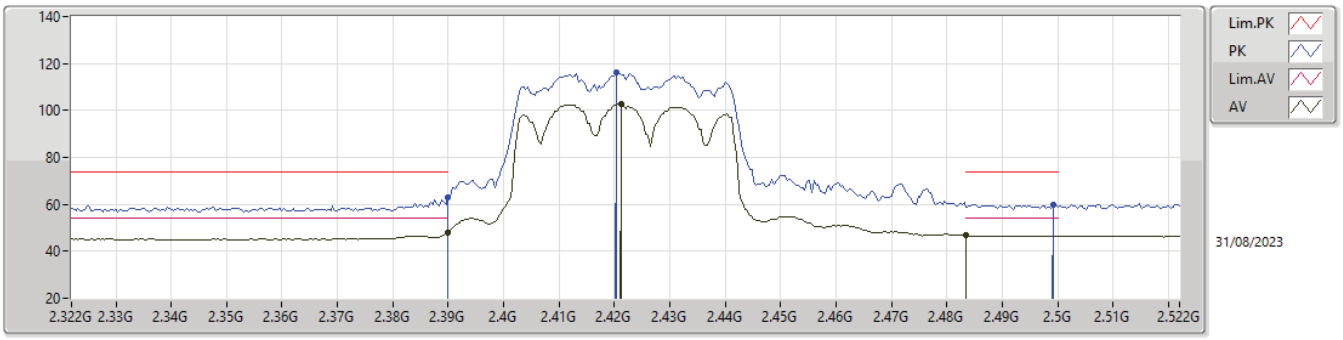
2462MHz_TX



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	4.92412G	34.07	54.00	-19.93	5.78	3	Horizontal	280	1.52	28.29	32.94	6.84	34.00
PK	4.92802G	46.30	74.00	-27.70	5.81	3	Horizontal	280	1.40	40.49	32.97	6.84	34.00

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

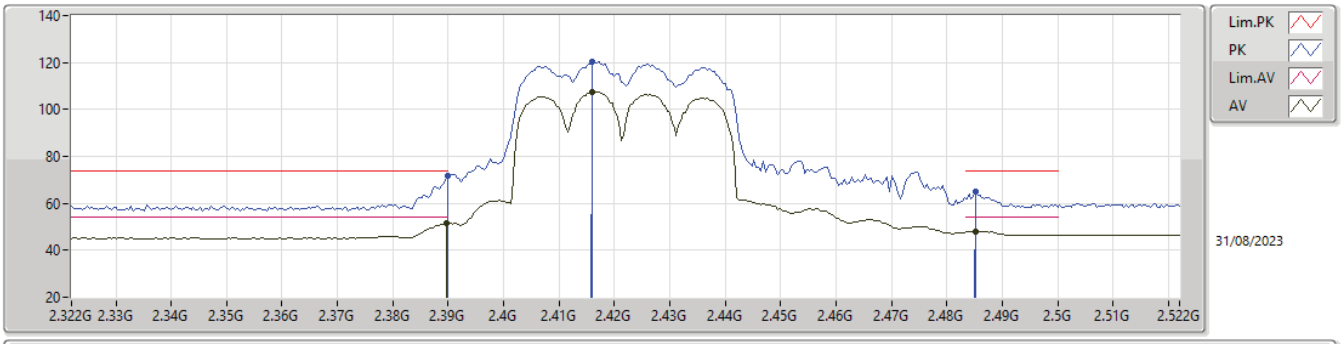
2422MHz_TX



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	48.11	54.00	-5.89	32.19	3	Vertical	336	1.58	15.92	27.54	4.65	-
AV	2.4212G	102.79	Inf	-Inf	32.34	3	Vertical	336	1.58	70.45	27.64	4.70	-
AV	2.4835G	46.65	54.00	-7.35	32.70	3	Vertical	336	1.58	13.95	27.90	4.80	-
PK	2.39G	62.69	74.00	-11.31	32.19	3	Vertical	336	1.58	30.50	27.54	4.65	-
PK	2.4204G	116.00	Inf	-Inf	32.33	3	Vertical	336	1.58	83.67	27.64	4.69	-
PK	2.4992G	59.82	74.00	-14.18	32.83	3	Vertical	336	1.58	26.99	28.00	4.83	-

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

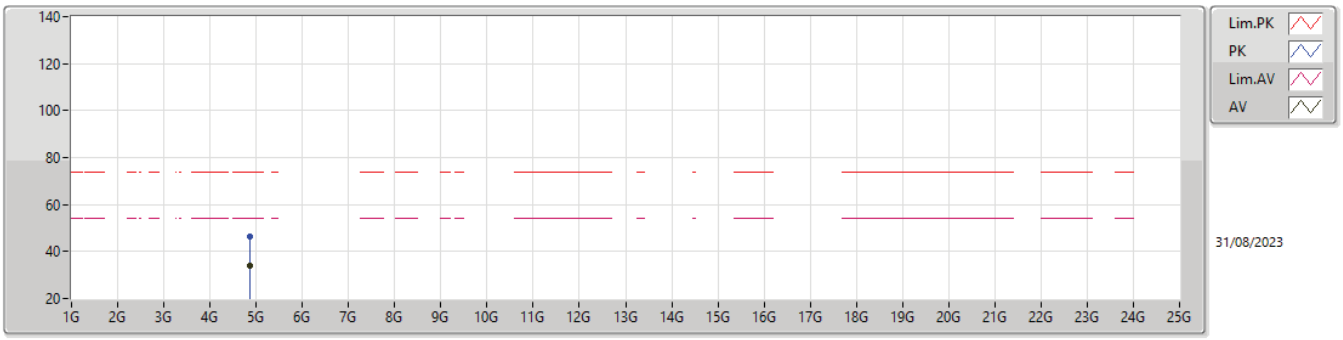
2422MHz_TX



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	2.3896G	51.43	54.00	-2.57	32.19	3	Horizontal	344	2.12	19.24	27.54	4.65	-
AV	2.416G	107.38	Inf	-Inf	32.32	3	Horizontal	344	2.12	75.06	27.63	4.69	-
AV	2.4852G	48.18	54.00	-5.82	32.71	3	Horizontal	344	2.12	15.47	27.91	4.80	-
PK	2.39G	71.54	74.00	-2.46	32.19	3	Horizontal	344	2.12	39.35	27.54	4.65	-
PK	2.416G	120.18	Inf	-Inf	32.32	3	Horizontal	344	2.12	87.86	27.63	4.69	-
PK	2.4852G	65.23	74.00	-8.77	32.71	3	Horizontal	344	2.12	32.52	27.91	4.80	-

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

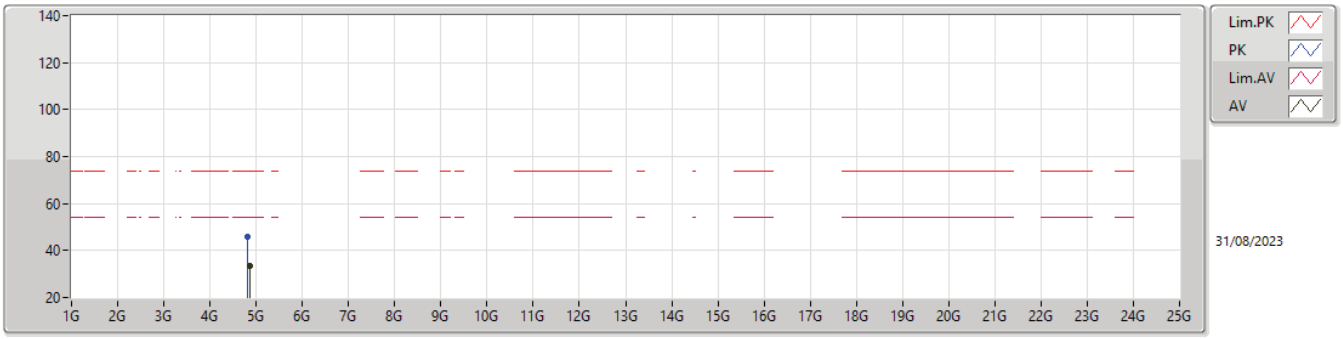
2422MHz_TX



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	4.8704G	33.71	54.00	-20.29	5.49	3	Vertical	225	1.50	28.22	32.68	6.82	34.01
PK	4.85168G	46.22	74.00	-27.78	5.41	3	Vertical	225	1.50	40.81	32.61	6.81	34.01

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

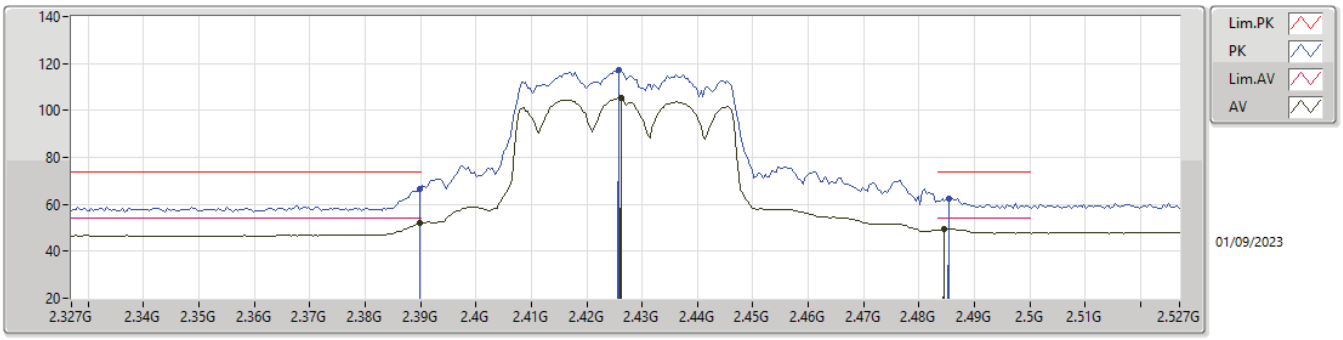
2422MHz_TX



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	4.87388G	33.59	54.00	-20.41	5.51	3	Horizontal	67	1.52	28.08	32.70	6.82	34.01
PK	4.81784G	46.01	74.00	-27.99	5.20	3	Horizontal	67	1.52	40.81	32.41	6.80	34.01

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

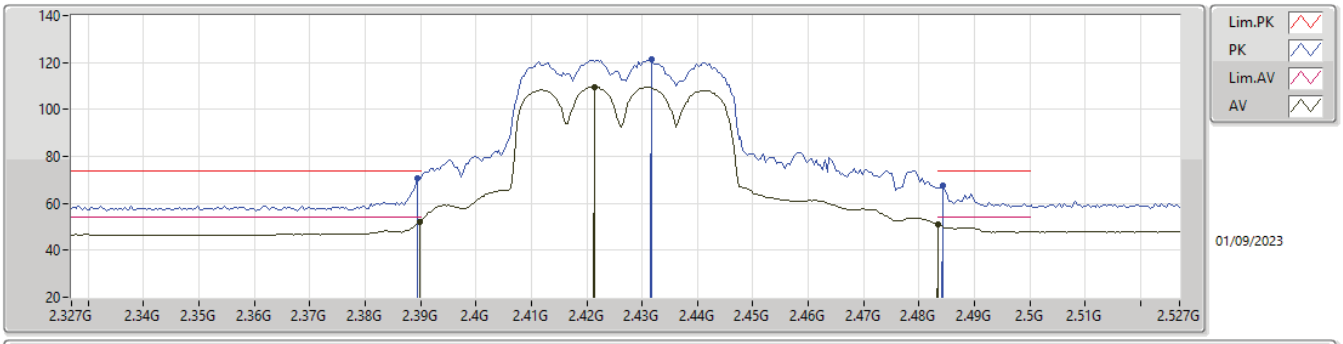
2427MHz_TX



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	52.03	54.00	-1.97	32.19	3	Vertical	348	1.58	19.84	27.54	4.65	-
AV	2.4262G	105.24	Inf	-Inf	32.35	3	Vertical	348	1.58	72.89	27.65	4.70	-
AV	2.4846G	49.46	54.00	-4.54	32.71	3	Vertical	348	1.58	16.75	27.91	4.80	-
PK	2.3898G	66.56	74.00	-7.44	32.19	3	Vertical	348	1.58	34.37	27.54	4.65	-
PK	2.4258G	117.39	Inf	-Inf	32.35	3	Vertical	348	1.58	85.04	27.65	4.70	-
PK	2.4854G	62.64	74.00	-11.36	32.72	3	Vertical	348	1.58	29.92	27.91	4.81	-

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

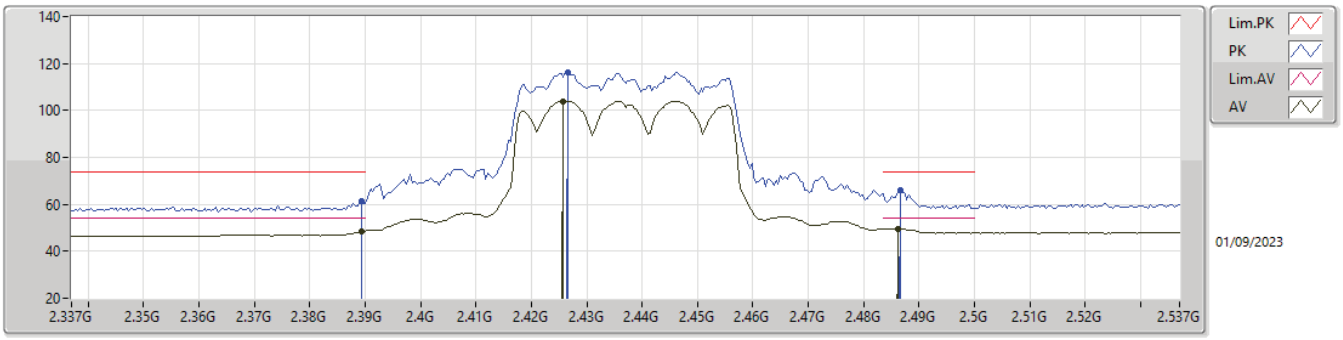
2427MHz_TX



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	52.18	54.00	-1.82	32.19	3	Horizontal	343	2.02	19.99	27.54	4.65	-
AV	2.4214G	109.63	Inf	-Inf	32.34	3	Horizontal	343	2.02	77.29	27.64	4.70	-
AV	2.4835G	50.85	54.00	-3.15	32.70	3	Horizontal	343	2.02	18.15	27.90	4.80	-
PK	2.3894G	70.48	74.00	-3.52	32.19	3	Horizontal	343	2.02	38.29	27.54	4.65	-
PK	2.4318G	121.15	Inf	-Inf	32.37	3	Horizontal	343	2.02	88.78	27.66	4.71	-
PK	2.4842G	67.57	74.00	-6.43	32.71	3	Horizontal	343	2.02	34.86	27.91	4.80	-

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

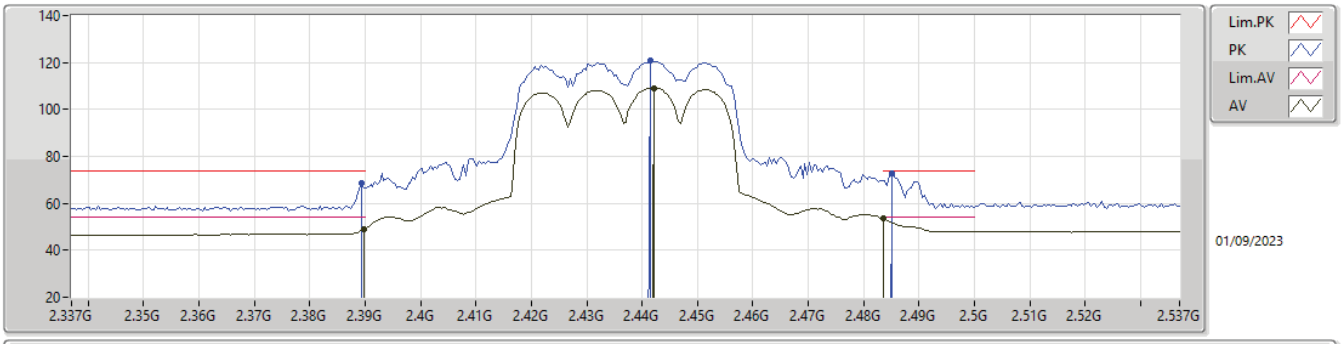
2437MHz_TX



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	2.3894G	48.51	54.00	-5.49	32.19	3	Vertical	350	1.50	16.32	27.54	4.65	-
AV	2.4258G	104.05	Inf	-Inf	32.35	3	Vertical	350	1.50	71.70	27.65	4.70	-
AV	2.4862G	49.69	54.00	-4.31	32.73	3	Vertical	350	1.50	16.96	27.92	4.81	-
PK	2.3894G	61.14	74.00	-12.86	32.19	3	Vertical	350	1.50	28.95	27.54	4.65	-
PK	2.4266G	116.31	Inf	-Inf	32.36	3	Vertical	350	1.50	83.95	27.65	4.71	-
PK	2.4866G	65.92	74.00	-8.08	32.73	3	Vertical	350	1.50	33.19	27.92	4.81	-

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

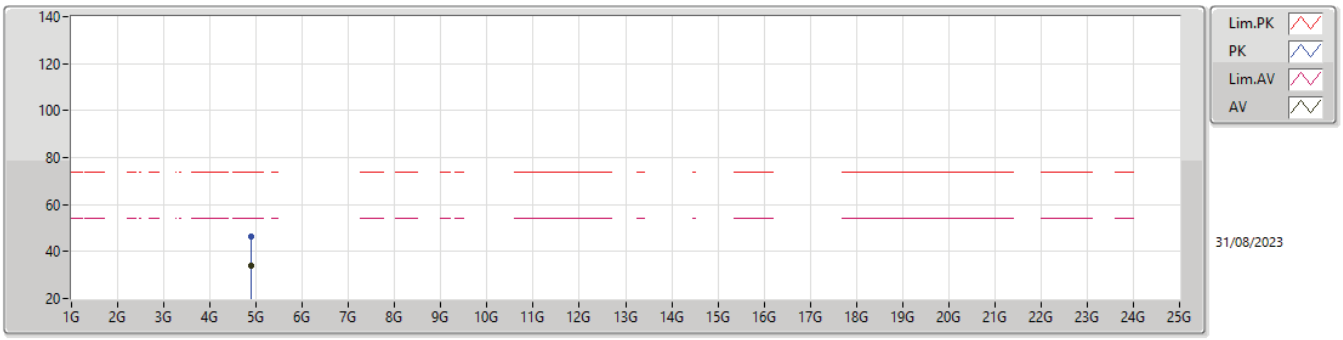
2437MHz_TX



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	2.3898G	48.93	54.00	-5.07	32.19	3	Horizontal	334	1.80	16.74	27.54	4.65	-
AV	2.4422G	109.19	Inf	-Inf	32.41	3	Horizontal	334	1.80	76.78	27.68	4.73	-
AV	2.4835G	53.40	54.00	-0.60	32.70	3	Horizontal	334	1.80	20.70	27.90	4.80	-
PK	2.3894G	68.43	74.00	-5.57	32.19	3	Horizontal	334	1.80	36.24	27.54	4.65	-
PK	2.4414G	120.61	Inf	-Inf	32.41	3	Horizontal	334	1.80	88.20	27.68	4.73	-
PK	2.485G	72.86	74.00	-1.14	32.71	3	Horizontal	334	1.80	40.15	27.91	4.80	-

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

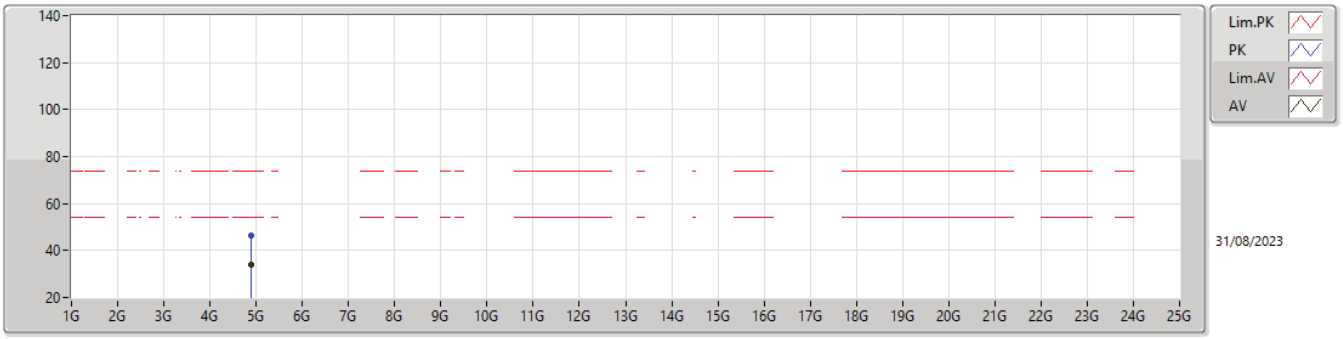
2437MHz_TX



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	4.88732G	34.20	54.00	-19.80	5.57	3	Vertical	305	1.50	28.63	32.75	6.82	34.00
PK	4.8884G	46.33	74.00	-27.67	5.58	3	Vertical	305	1.50	40.75	32.75	6.83	34.00

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

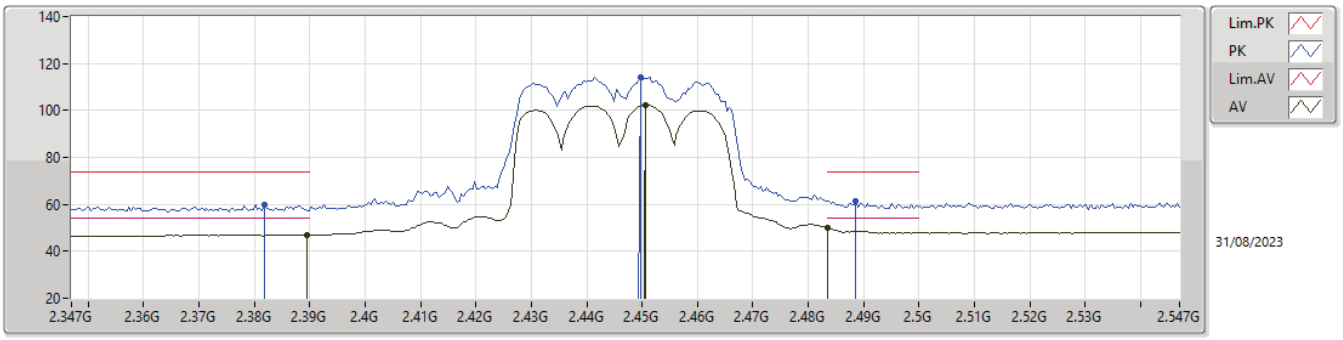
2437MHz_TX



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	4.9034G	33.96	54.00	-20.04	5.65	3	Horizontal	256	1.50	28.31	32.82	6.83	34.00
PK	4.89884G	46.33	74.00	-27.67	5.63	3	Horizontal	256	1.50	40.70	32.80	6.83	34.00

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

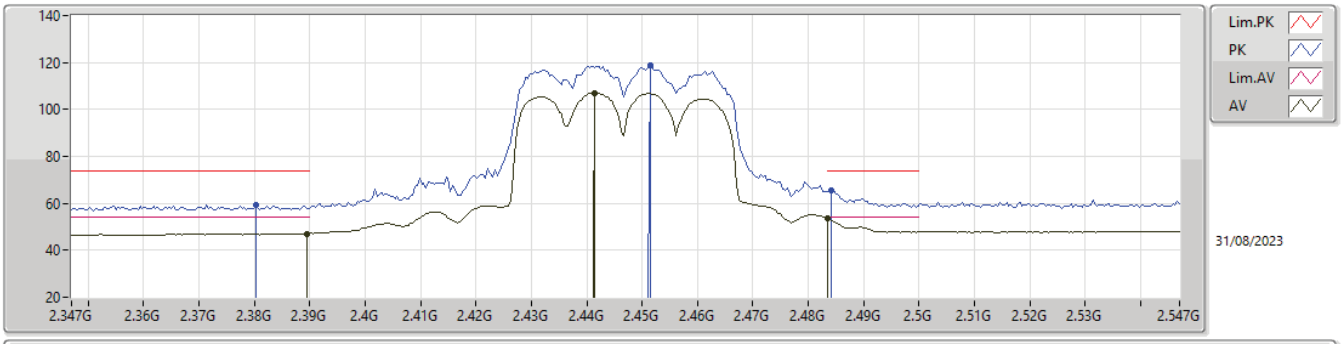
2447MHz_TX



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	2.3894G	46.84	54.00	-7.16	32.19	3	Vertical	36	1.29	14.65	27.54	4.65	-
AV	2.4506G	102.31	Inf	-Inf	32.45	3	Vertical	36	1.29	69.86	27.70	4.75	-
AV	2.4835G	49.87	54.00	-4.13	32.70	3	Vertical	36	1.29	17.17	27.90	4.80	-
PK	2.3818G	59.63	74.00	-14.37	32.13	3	Vertical	36	1.29	27.50	27.49	4.64	-
PK	2.4498G	114.28	Inf	-Inf	32.44	3	Vertical	36	1.29	81.84	27.70	4.74	-
PK	2.4886G	61.42	74.00	-12.58	32.74	3	Vertical	36	1.29	28.68	27.93	4.81	-

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

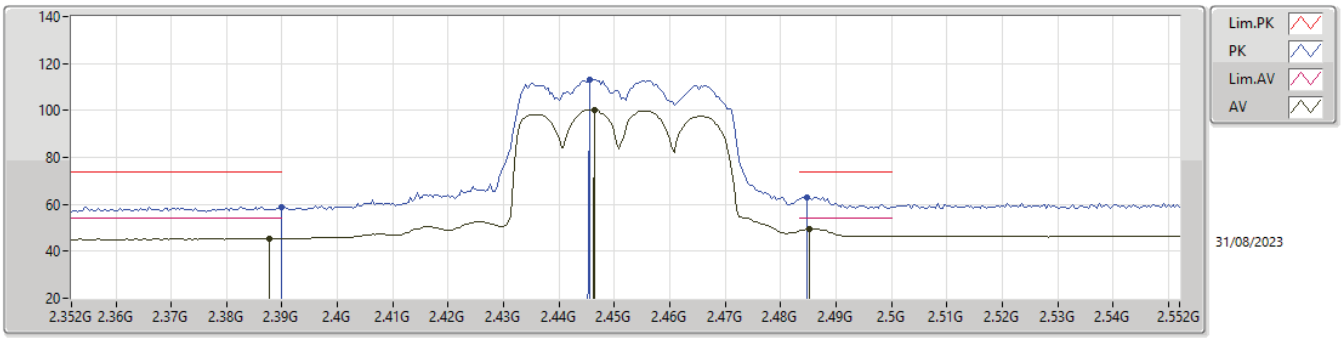
2447MHz_TX



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	2.3894G	47.10	54.00	-6.90	32.19	3	Horizontal	340	1.77	14.91	27.54	4.65	-
AV	2.4414G	107.08	Inf	-Inf	32.41	3	Horizontal	340	1.77	74.67	27.68	4.73	-
AV	2.4835G	53.67	54.00	-0.33	32.70	3	Horizontal	340	1.77	20.97	27.90	4.80	-
PK	2.3802G	59.50	74.00	-14.50	32.12	3	Horizontal	340	1.77	27.38	27.48	4.64	-
PK	2.4514G	118.58	Inf	-Inf	32.46	3	Horizontal	340	1.77	86.12	27.71	4.75	-
PK	2.4842G	65.75	74.00	-8.25	32.71	3	Horizontal	340	1.77	33.04	27.91	4.80	-

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

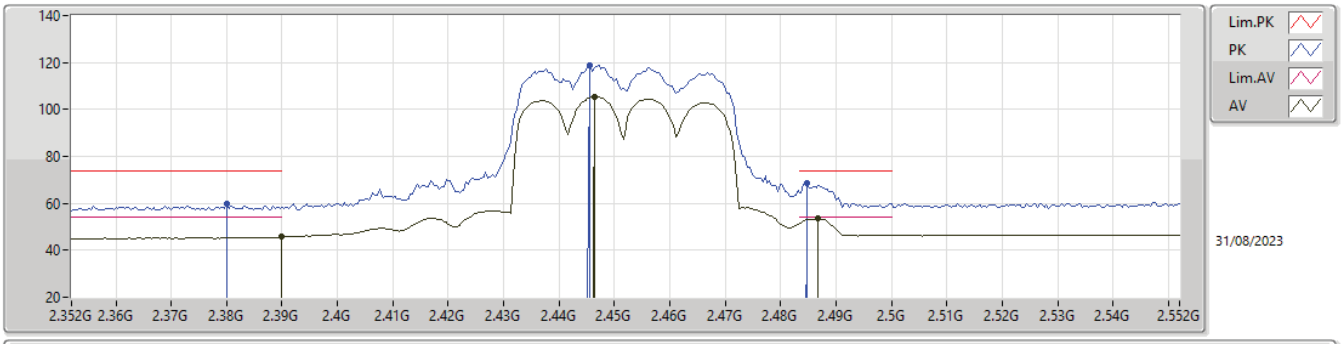
2452MHz_TX



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	2.3876G	45.34	54.00	-8.66	32.18	3	Vertical	37	1.29	13.16	27.53	4.65	-
AV	2.4464G	100.33	Inf	-Inf	32.43	3	Vertical	37	1.29	67.90	27.69	4.74	-
AV	2.4852G	49.60	54.00	-4.40	32.71	3	Vertical	37	1.29	16.89	27.91	4.80	-
PK	2.39G	58.95	74.00	-15.05	32.19	3	Vertical	37	1.29	26.76	27.54	4.65	-
PK	2.4456G	113.25	Inf	-Inf	32.43	3	Vertical	37	1.29	80.82	27.69	4.74	-
PK	2.4848G	63.18	74.00	-10.82	32.71	3	Vertical	37	1.29	30.47	27.91	4.80	-

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

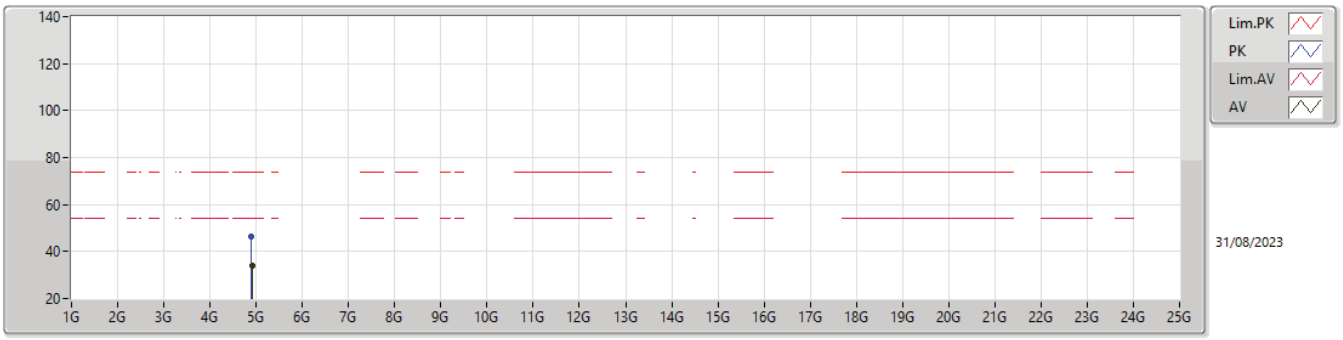
2452MHz_TX



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	45.69	54.00	-8.31	32.19	3	Horizontal	339	1.76	13.50	27.54	4.65	-
AV	2.4464G	105.33	Inf	-Inf	32.43	3	Horizontal	339	1.76	72.90	27.69	4.74	-
AV	2.4868G	53.62	54.00	-0.38	32.73	3	Horizontal	339	1.76	20.89	27.92	4.81	-
PK	2.38G	59.58	74.00	-14.42	32.12	3	Horizontal	339	1.76	27.46	27.48	4.64	-
PK	2.4456G	118.94	Inf	-Inf	32.43	3	Horizontal	339	1.76	86.51	27.69	4.74	-
PK	2.4848G	68.37	74.00	-5.63	32.71	3	Horizontal	339	1.76	35.66	27.91	4.80	-

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

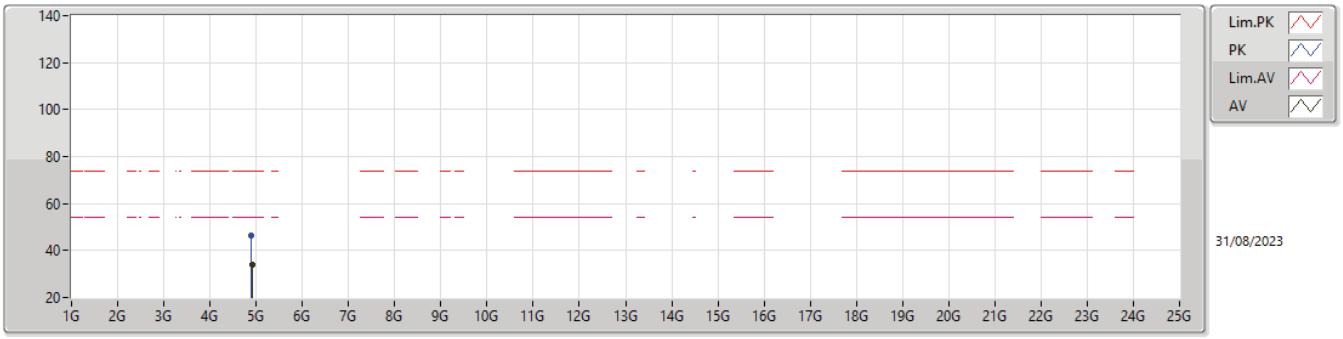
2452MHz_TX



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	4.9064G	34.01	54.00	-19.99	5.67	3	Vertical	57	1.56	28.34	32.84	6.83	34.00
PK	4.88396G	46.16	74.00	-27.84	5.56	3	Vertical	57	1.56	40.60	32.74	6.82	34.00

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)
AV	4.90724G	34.01	54.00	-19.99	5.67	3	Horizontal	284	1.38	28.34	32.84	6.83	34.00
PK	4.88444G	46.48	74.00	-27.52	5.56	3	Horizontal	284	1.38	40.92	32.74	6.82	34.00

Summary

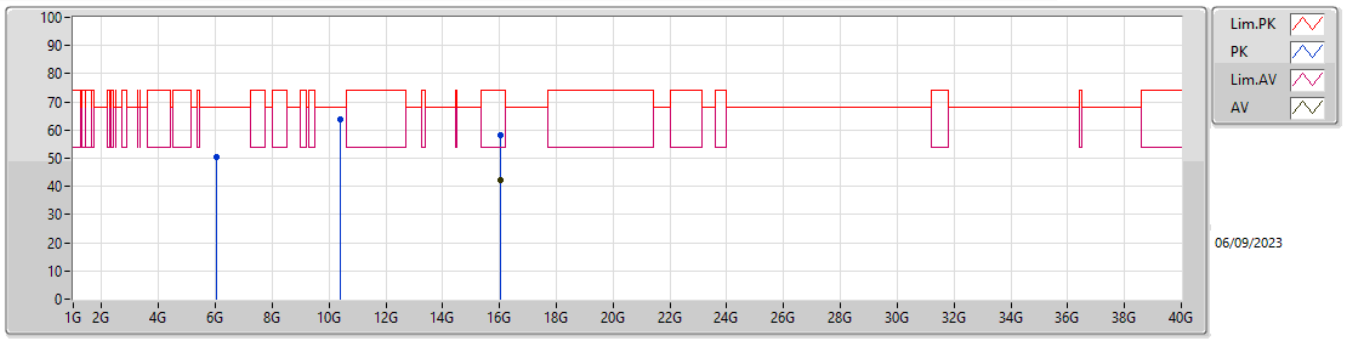
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	10.39919G	63.80	68.20	-4.40	Vertical
Mode 2	Pass	PK	13.60193G	61.07	68.20	-7.13	Horizontal
Mode 3	Pass	PK	10.39659G	65.10	68.20	-3.10	Horizontal
Mode 4	Pass	AV	12.02275G	43.15	54.00	-10.85	Horizontal
Mode 5	Pass	PK	13.321G	60.53	74.00	-13.47	Horizontal
Mode 6	Pass	AV	8.43579G	41.18	54.00	-12.82	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	6.0502G	33.59	68.20	-34.61	3	Vertical	234	1.50
Mode 1	Pass	AV	10.39919G	42.25	68.20	-25.95	3	Vertical	54	1.84
Mode 1	Pass	AV	16.04521G	42.41	54.00	-11.59	3	Vertical	47	1.56
Mode 1	Pass	PK	6.0502G	50.30	68.20	-17.90	3	Vertical	234	1.50
Mode 1	Pass	PK	10.39919G	63.80	68.20	-4.40	3	Vertical	54	1.84
Mode 1	Pass	PK	16.04521G	58.23	74.00	-15.77	3	Vertical	47	1.56
Mode 1	Pass	AV	4.87492G	40.13	54.00	-13.87	3	Horizontal	2	1.50
Mode 1	Pass	AV	10.39128G	42.97	68.20	-25.23	3	Horizontal	308	1.50
Mode 1	Pass	AV	13.48595G	45.95	68.20	-22.25	3	Horizontal	29	2.16
Mode 1	Pass	PK	4.87492G	53.76	74.00	-20.24	3	Horizontal	2	1.50
Mode 1	Pass	PK	10.39128G	52.44	68.20	-15.76	3	Horizontal	308	1.50
Mode 1	Pass	PK	13.48595G	61.42	68.20	-6.78	3	Horizontal	29	2.16
Mode 2	Pass	AV	4.32006G	30.47	54.00	-23.53	3	Vertical	54	1.44
Mode 2	Pass	AV	10.39718G	49.92	68.20	-18.28	3	Vertical	51	1.14
Mode 2	Pass	AV	15.77993G	42.59	54.00	-11.41	3	Vertical	14	2.18
Mode 2	Pass	PK	4.32006G	46.12	74.00	-27.88	3	Vertical	54	1.44
Mode 2	Pass	PK	10.39718G	59.92	68.20	-8.28	3	Vertical	51	1.14
Mode 2	Pass	PK	15.77993G	57.66	74.00	-16.34	3	Vertical	14	2.18
Mode 2	Pass	AV	4.3592G	30.40	54.00	-23.60	3	Horizontal	341	1.67
Mode 2	Pass	AV	13.60193G	58.60	68.20	-9.60	3	Horizontal	64	1.68
Mode 2	Pass	AV	16.81324G	43.39	68.20	-24.81	3	Horizontal	21	1.51
Mode 2	Pass	PK	4.3592G	46.60	74.00	-27.40	3	Horizontal	341	1.67
Mode 2	Pass	PK	13.60193G	61.07	68.20	-7.13	3	Horizontal	64	1.68
Mode 2	Pass	PK	16.81324G	59.92	68.20	-8.28	3	Horizontal	21	1.51
Mode 3	Pass	AV	3.41346G	28.67	68.20	-39.53	3	Vertical	276	1.83
Mode 3	Pass	AV	7.45493G	36.97	54.00	-17.03	3	Vertical	254	1.68
Mode 3	Pass	AV	14.92756G	44.36	68.20	-23.84	3	Vertical	358	1.62
Mode 3	Pass	PK	3.41346G	44.23	68.20	-23.97	3	Vertical	276	1.83
Mode 3	Pass	PK	7.45493G	53.18	74.00	-20.82	3	Vertical	254	1.68
Mode 3	Pass	PK	14.92756G	59.50	68.20	-8.70	3	Vertical	358	1.62
Mode 3	Pass	AV	2.97678G	28.44	68.20	-39.76	3	Horizontal	248	1.54
Mode 3	Pass	AV	5.96245G	34.00	68.20	-34.20	3	Horizontal	198	1.37
Mode 3	Pass	AV	10.39659G	41.56	68.20	-26.64	3	Horizontal	311	2.14
Mode 3	Pass	PK	2.97678G	43.67	68.20	-24.53	3	Horizontal	248	1.54
Mode 3	Pass	PK	5.96245G	49.60	68.20	-18.60	3	Horizontal	198	1.37
Mode 3	Pass	PK	10.39659G	65.10	68.20	-3.10	3	Horizontal	311	2.14
Mode 4	Pass	AV	5.66069G	32.90	68.20	-35.30	3	Vertical	116	1.17
Mode 4	Pass	AV	8.07867G	37.59	54.00	-16.41	3	Vertical	320	2.13
Mode 4	Pass	AV	15.8784G	42.37	54.00	-11.63	3	Vertical	68	2.41
Mode 4	Pass	PK	5.66069G	49.30	68.20	-18.90	3	Vertical	116	1.17
Mode 4	Pass	PK	8.07867G	53.38	74.00	-20.62	3	Vertical	320	2.13
Mode 4	Pass	PK	15.8784G	58.27	74.00	-15.73	3	Vertical	68	2.41
Mode 4	Pass	AV	4.87393G	31.12	54.00	-22.88	3	Horizontal	16	1.84
Mode 4	Pass	AV	6.4189G	34.63	68.20	-33.57	3	Horizontal	351	2.18
Mode 4	Pass	AV	12.02275G	43.15	54.00	-10.85	3	Horizontal	26	2.32
Mode 4	Pass	PK	4.87393G	58.82	74.00	-15.18	3	Horizontal	16	1.84
Mode 4	Pass	PK	6.4189G	50.46	68.20	-17.74	3	Horizontal	351	2.18
Mode 4	Pass	PK	12.02275G	57.83	74.00	-16.17	3	Horizontal	26	2.32
Mode 5	Pass	AV	3.1703G	30.43	68.20	-37.77	3	Vertical	106	1.82
Mode 5	Pass	AV	5.76388G	36.69	68.20	-31.51	3	Vertical	63	2.14

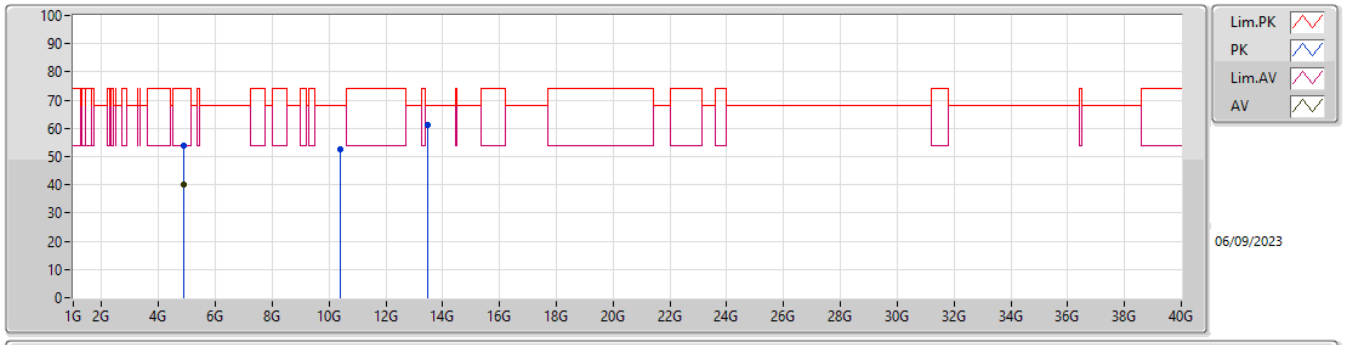
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 5	Pass	PK	3.1703G	46.42	68.20	-21.78	3	Vertical	106	1.82
Mode 5	Pass	PK	5.76388G	52.70	68.20	-15.50	3	Vertical	63	2.14
Mode 5	Pass	PK	11.45G	59.02	74.00	-14.98	3	Vertical	0	1.00
Mode 5	Pass	AV	3.38179G	31.00	68.20	-37.20	3	Horizontal	347	1.50
Mode 5	Pass	AV	6.08679G	36.38	68.20	-31.82	3	Horizontal	4	2.00
Mode 5	Pass	PK	3.38179G	47.22	68.20	-20.98	3	Horizontal	347	1.50
Mode 5	Pass	PK	6.08679G	52.06	68.20	-16.14	3	Horizontal	4	2.00
Mode 5	Pass	PK	13.321G	60.53	74.00	-13.47	3	Horizontal	360	1.00
Mode 6	Pass	AV	3.4337G	30.59	68.20	-37.61	3	Vertical	194	1.63
Mode 6	Pass	AV	6.19199G	36.89	68.20	-31.31	3	Vertical	59	2.79
Mode 6	Pass	AV	8.07156G	41.02	54.00	-12.98	3	Vertical	56	2.31
Mode 6	Pass	PK	3.4337G	46.23	68.20	-21.97	3	Vertical	194	1.63
Mode 6	Pass	PK	6.19199G	52.17	68.20	-16.03	3	Vertical	59	2.79
Mode 6	Pass	PK	8.07156G	56.44	74.00	-17.56	3	Vertical	56	2.31
Mode 6	Pass	AV	3.92062G	32.45	54.00	-21.55	3	Horizontal	118	1.52
Mode 6	Pass	AV	5.92792G	37.00	68.20	-31.20	3	Horizontal	53	1.67
Mode 6	Pass	AV	8.43579G	41.18	54.00	-12.82	3	Horizontal	316	1.46
Mode 6	Pass	PK	3.92062G	47.71	74.00	-26.29	3	Horizontal	118	1.52
Mode 6	Pass	PK	5.92792G	52.68	68.20	-15.52	3	Horizontal	53	1.67
Mode 6	Pass	PK	8.43579G	56.89	74.00	-17.11	3	Horizontal	316	1.46

Mode 1



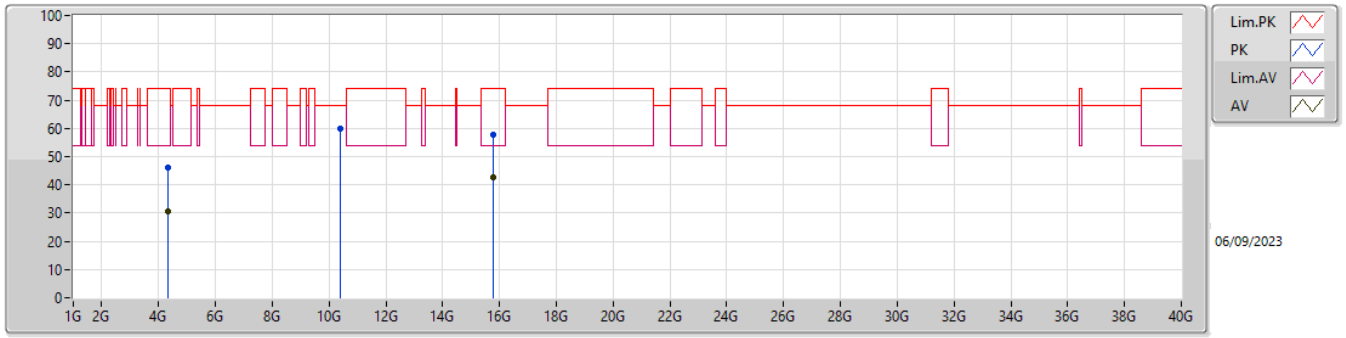
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	16.04521G	42.41	54.00	-11.59	15.82	3	Vertical	47	1.56	26.59	38.00	12.46	34.64
PK	6.0502G	50.30	68.20	-17.90	6.97	3	Vertical	234	1.50	43.33	34.10	7.10	34.23
PK	10.39919G	63.80	68.20	-4.40	15.34	3	Vertical	54	1.84	48.46	38.90	11.03	34.59
PK	16.04521G	58.23	74.00	-15.77	15.82	3	Vertical	47	1.56	42.41	38.00	12.46	34.64

Mode 1



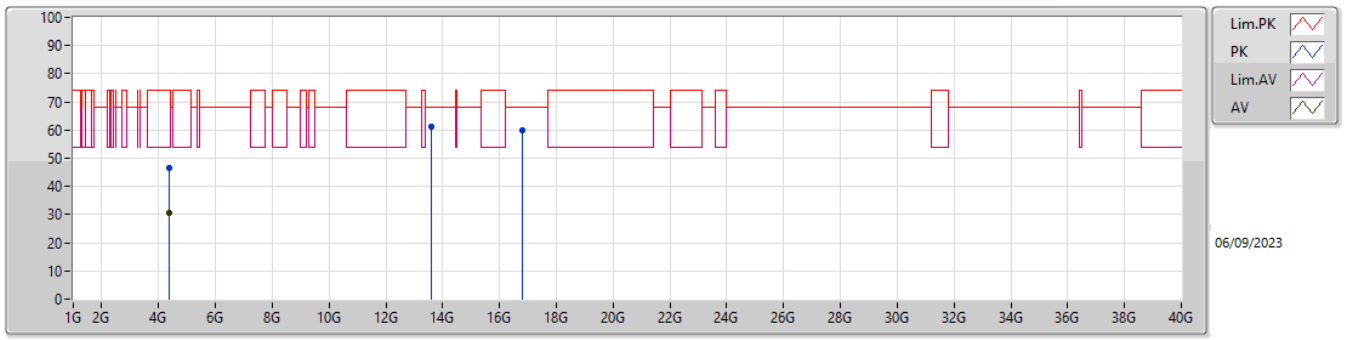
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.87492G	40.13	54.00	-13.87	4.64	3	Horizontal	2	1.50	35.49	32.60	6.21	34.17
PK	4.87492G	53.76	74.00	-20.24	4.64	3	Horizontal	2	1.50	49.12	32.60	6.21	34.17
PK	10.39128G	52.44	68.20	-15.76	15.32	3	Horizontal	308	1.50	37.12	38.90	11.02	34.60
PK	13.48595G	61.42	68.20	-6.78	18.99	3	Horizontal	29	2.16	42.43	40.04	11.31	32.36

Mode 2



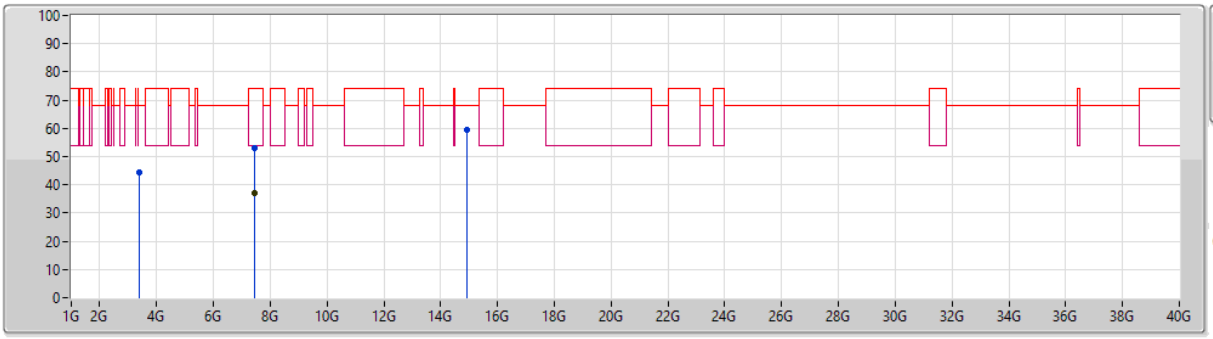
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.32006G	30.47	54.00	-23.53	2.87	3	Vertical	54	1.44	27.60	31.44	5.74	34.31
AV	15.77993G	42.59	54.00	-11.41	16.19	3	Vertical	14	2.18	26.40	38.40	12.30	34.51
PK	4.32006G	46.12	74.00	-27.88	2.87	3	Vertical	54	1.44	43.25	31.44	5.74	34.31
PK	10.39718G	59.92	68.20	-8.28	15.33	3	Vertical	51	1.14	44.59	38.90	11.03	34.60
PK	15.77993G	57.66	74.00	-16.34	16.19	3	Vertical	14	2.18	41.47	38.40	12.30	34.51

Mode 2



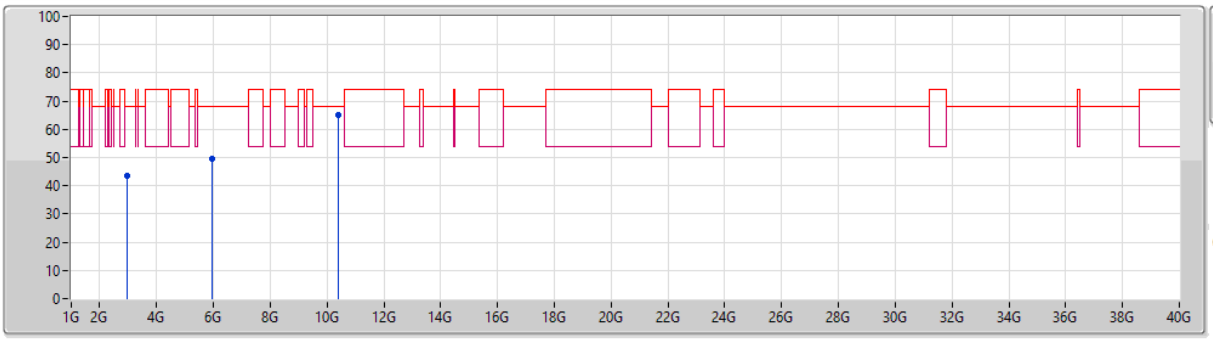
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.3592G	30.40	54.00	-23.60	2.99	3	Horizontal	341	1.67	27.41	31.56	5.74	34.31
PK	4.3592G	46.60	74.00	-27.40	2.99	3	Horizontal	341	1.67	43.61	31.56	5.74	34.31
PK	13.60193G	61.07	68.20	-7.13	18.82	3	Horizontal	64	1.68	42.25	39.90	11.28	32.36
PK	16.81324G	59.92	68.20	-8.28	17.50	3	Horizontal	21	1.51	42.42	38.27	12.81	33.58

Mode 3



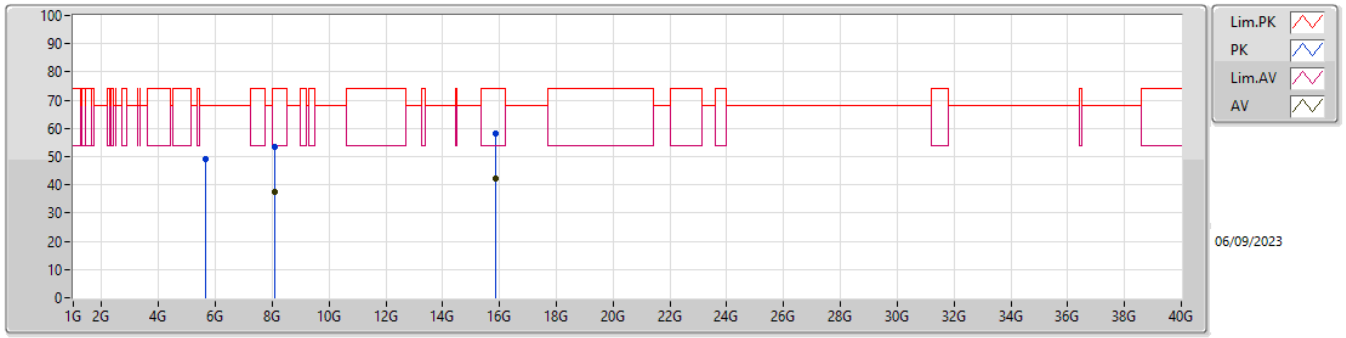
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	7.45493G	36.97	54.00	-17.03	9.77	3	Vertical	254	1.68	27.20	36.38	7.90	34.51
PK	3.41346G	44.23	68.20	-23.97	0.42	3	Vertical	276	1.83	43.81	29.57	5.11	34.26
PK	7.45493G	53.18	74.00	-20.82	9.77	3	Vertical	254	1.68	43.41	36.38	7.90	34.51
PK	14.92756G	59.50	68.20	-8.70	17.89	3	Vertical	358	1.62	41.61	39.70	11.78	33.59

Mode 3



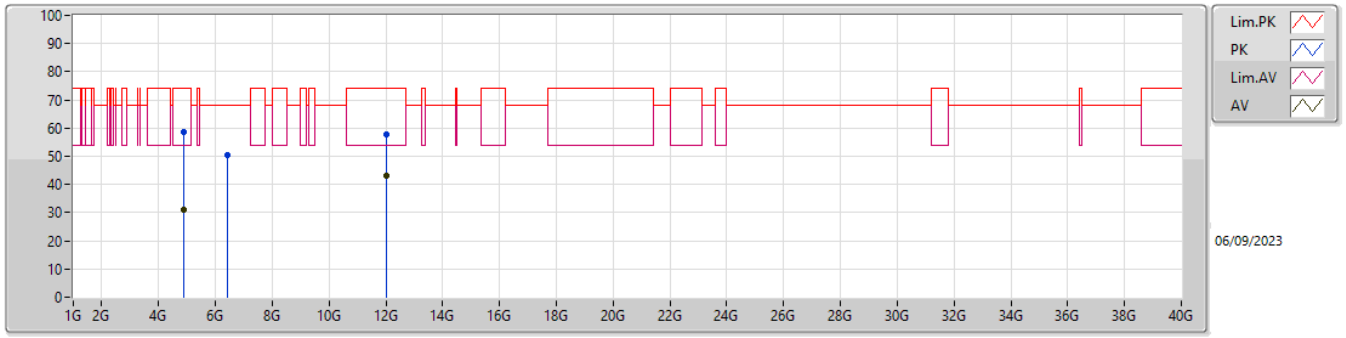
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
PK	2.97678G	43.67	68.20	-24.53	-0.09	3	Horizontal	248	1.54	43.76	29.47	4.73	34.29
PK	5.96245G	49.60	68.20	-18.60	7.00	3	Horizontal	198	1.37	42.60	34.18	7.04	34.22
PK	10.39659G	65.10	68.20	-3.10	15.33	3	Horizontal	311	2.14	49.77	38.90	11.03	34.60

Mode 4



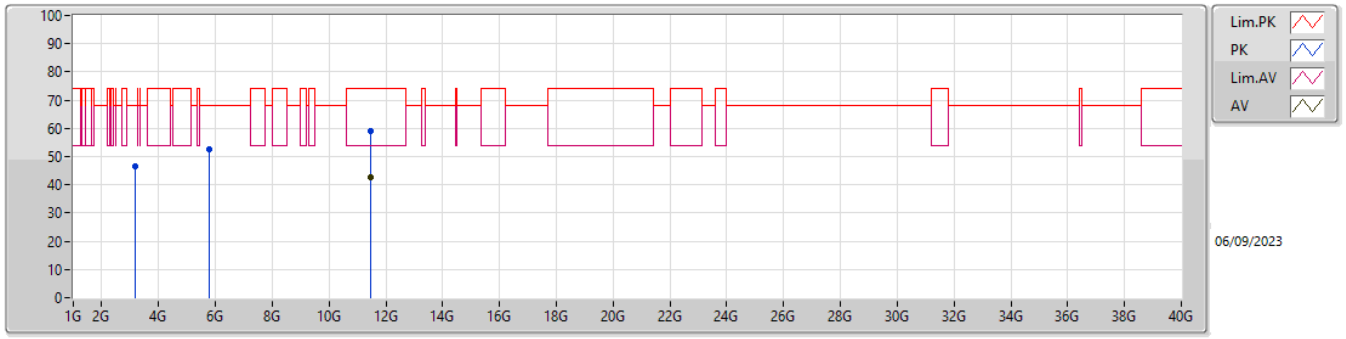
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	8.07867G	37.59	54.00	-16.41	10.93	3	Vertical	320	2.13	26.66	37.10	8.52	34.69
AV	15.8784G	42.37	54.00	-11.63	16.01	3	Vertical	68	2.41	26.36	38.24	12.36	34.59
PK	5.66069G	49.30	68.20	-18.90	5.75	3	Vertical	116	1.17	43.55	33.13	6.81	34.19
PK	8.07867G	53.38	74.00	-20.62	10.93	3	Vertical	320	2.13	42.45	37.10	8.52	34.69
PK	15.8784G	58.27	74.00	-15.73	16.01	3	Vertical	68	2.41	42.26	38.24	12.36	34.59

Mode 4



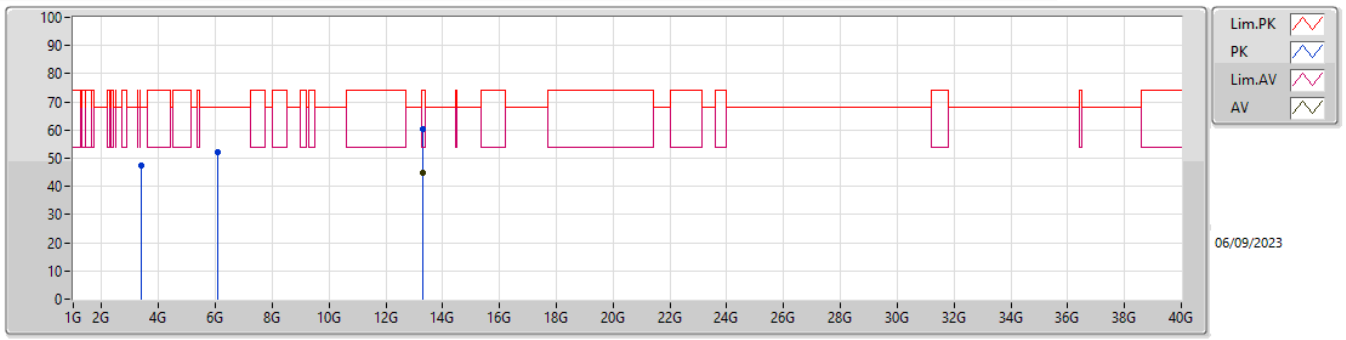
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.87393G	31.12	54.00	-22.88	4.64	3	Horizontal	16	1.84	26.48	32.60	6.21	34.17
AV	12.02275G	43.15	54.00	-10.85	16.38	3	Horizontal	26	2.32	26.77	39.12	11.62	34.36
PK	4.87393G	58.82	74.00	-15.18	4.64	3	Horizontal	16	1.84	54.18	32.60	6.21	34.17
PK	6.4189G	50.46	68.20	-17.74	7.73	3	Horizontal	351	2.18	42.73	34.80	7.24	34.31
PK	12.02275G	57.83	74.00	-16.17	16.38	3	Horizontal	26	2.32	41.45	39.12	11.62	34.36

Mode 5



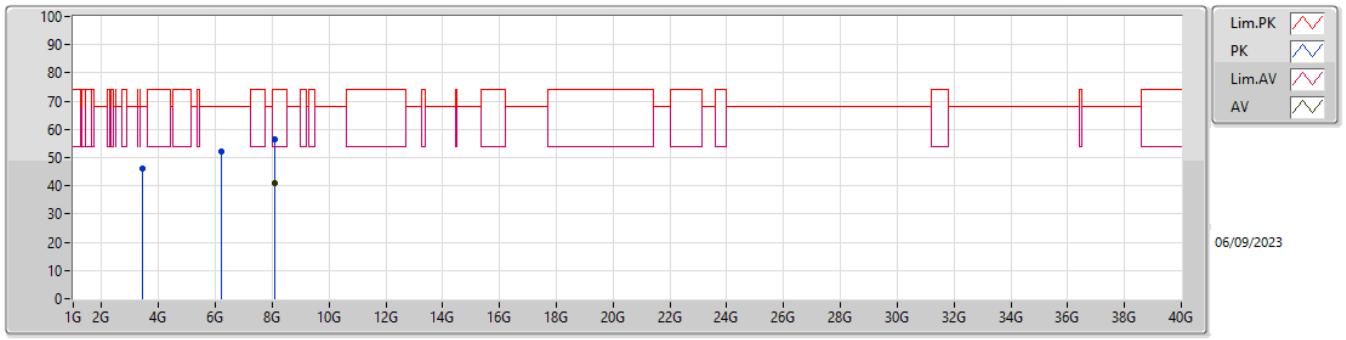
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	11.45G	42.86	54.00	-11.14	16.50	3	Vertical	0	1.00	26.36	39.15	11.42	34.07
PK	3.1703G	46.42	68.20	-21.78	0.43	3	Vertical	106	1.82	45.99	29.80	4.91	34.28
PK	5.76388G	52.70	68.20	-15.50	6.56	3	Vertical	63	2.14	46.14	33.88	6.88	34.20
PK	11.45G	59.02	74.00	-14.98	16.50	3	Vertical	0	1.00	42.52	39.15	11.42	34.07

Mode 5



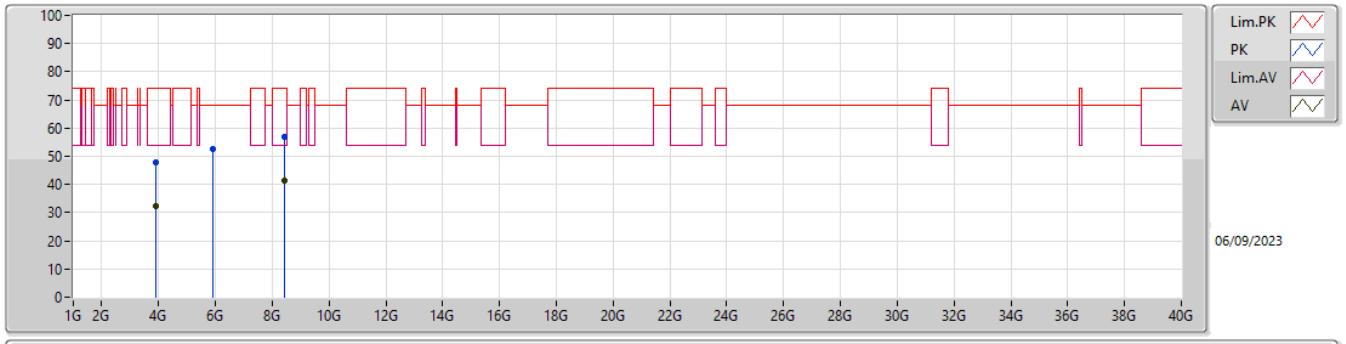
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	13.321G	44.97	54.00	-9.03	18.72	3	Horizontal	0	0.00	26.25	39.98	11.34	32.60
PK	3.38179G	47.22	68.20	-20.98	0.39	3	Horizontal	347	1.50	46.83	29.56	5.09	34.26
PK	6.08679G	52.06	68.20	-16.14	6.90	3	Horizontal	4	2.00	45.16	34.03	7.11	34.24
PK	13.321G	60.53	74.00	-13.47	18.72	3	Horizontal	360	1.00	41.81	39.98	11.34	32.60

Mode 6



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	8.07156G	41.02	54.00	-12.98	10.94	3	Vertical	56	2.31	30.08	37.10	8.53	34.69
PK	3.4337G	46.23	68.20	-21.97	0.40	3	Vertical	194	1.63	45.83	29.53	5.13	34.26
PK	6.19199G	52.17	68.20	-16.03	7.19	3	Vertical	59	2.79	44.98	34.28	7.17	34.26
PK	8.07156G	56.44	74.00	-17.56	10.94	3	Vertical	56	2.31	45.50	37.10	8.53	34.69

Mode 6



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	3.92062G	32.45	54.00	-21.55	2.20	3	Horizontal	118	1.52	30.25	30.94	5.57	34.31
AV	8.43579G	41.18	54.00	-12.82	11.71	3	Horizontal	316	1.46	29.47	37.54	8.84	34.67
PK	3.92062G	47.71	74.00	-26.29	2.20	3	Horizontal	118	1.52	45.51	30.94	5.57	34.31
PK	5.92792G	52.68	68.20	-15.52	7.04	3	Horizontal	53	1.67	45.64	34.24	7.01	34.21
PK	8.43579G	56.89	74.00	-17.11	11.71	3	Horizontal	316	1.46	45.18	37.54	8.84	34.67