FCC Radio Test Report

FCC ID	:	**2A8MT-AP6**
Equipment	:	**2x2 Dual-band Enterprise Access Point**
Brand Name	:	**ALTA LABS**
Model Name	:	**AP6**
Applicant	:	**SoundVision Technologies, dba Alta Labs 192 N Old Hwy 91, Unit 1 Hurricane,Utah,United States 84737**
Manufacturer	:	**SoundVision Technologies, dba Alta Labs 192 N Old Hwy 91, Unit 1 Hurricane,Utah,United States 84737**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Feb. 17, 2023, and testing was started from Feb. 24, 2023 and completed on Mar. 15, 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.)

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History of this test report

Report No.	Version	Description	Issued Date
FR321732AC	01	Initial issue of report	Mar. 29, 2023
FR321732AC	02	Photographs of EUT was updated (This report is the latest version replacing for the report issued on Mar. 29, 2023)	Mar. 30, 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: Ryan Hsiao

Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

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

Non-Beamforming

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

Beamforming

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

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Ramark
1	LITEON	3010001439GD	PIFA	I-PEX	Radio 1_2.4G+ Radio 2_5G
2	LITEON	3010001437GD	PIFA	I-PEX	Radio 1_2.4G+ Radio 2_5G
3	LITEON	3010001440GD	PIFA	I-PEX	Radio 1_BT

Ant.	Port	Gain (dBi)					
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	BT
1	1	3.4	4.2	4.0	4.3	4.2	-
2	2	3.2	4.3	4.2	4.1	4.0	-
3	1	-	-	-	-	-	2.7

Note 1: The EUT has three antennas.

For 2.4GHz function:

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

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

For BT function:

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

Ant. 3 (port 1) could transmit/receive.

For 5GHz function:

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

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

1.1.3 EUT Information

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

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

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.982	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

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 **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Daniel Lin	23.8~24.9°C / 52~57%	15/Mar/2023
RF Conducted	TH01-HY	Johnny Yu	22.2~23.4°C / 50~52%	06/Mar/2023~09/Mar/2023
Radiated (Co-location)	03CH03-HY	Bart Chen	22.2~23.4°C / 50~52%	13/Mar/2023
☒ Wen 33rd.St. **(TAF:** 3785**)**	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated	03CH09-HY	Henry Ho	20.5~21.8°C / 50~55%	24/Feb/2023~02/Mar/2023

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Non-Beamforming

Test Software Version	qdart_conn.win.1.0_installer_00086.1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	21
2417MHz	21.5
2437MHz	21.5
2457MHz	21
2462MHz	20
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	18.5
2417MHz	19.5
2437MHz	21
2457MHz	20
2462MHz	19
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	19
2437MHz	20.5
2457MHz	19
2462MHz	17
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	16
2427MHz	17
2437MHz	17.5
2447MHz	16.5
2452MHz	15.5

Beamforming

Test Software Version	qdart_conn.win.1.0_installer_00086.1

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	19
2437MHz	20.5
2457MHz	19
2462MHz	17
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	16
2427MHz	17
2437MHz	17.5
2447MHz	16.5
2452MHz	15.5

2.2 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	2.4GHz WLAN+5GHz WLAN+Bluetooth
Refer to Sporton Test Report No.: FA321732 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

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

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

2.4 Support Equipment

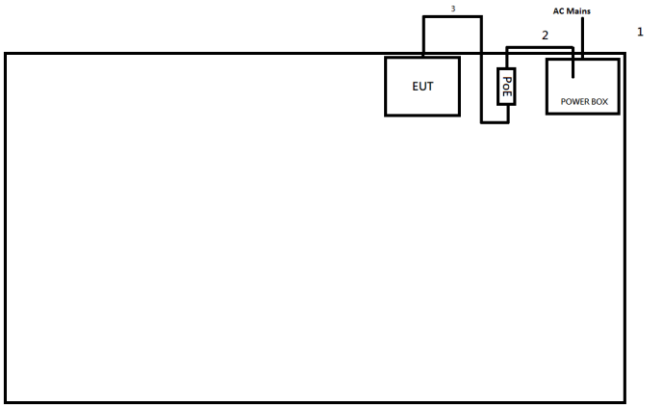
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	PoE	EnGenius	EPA5006GP	-	-

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	PoE	EnGenius	EPA5006GP	-	Remote
3	AC Power cable	Power Sync	PW-GPC180-3	-	-

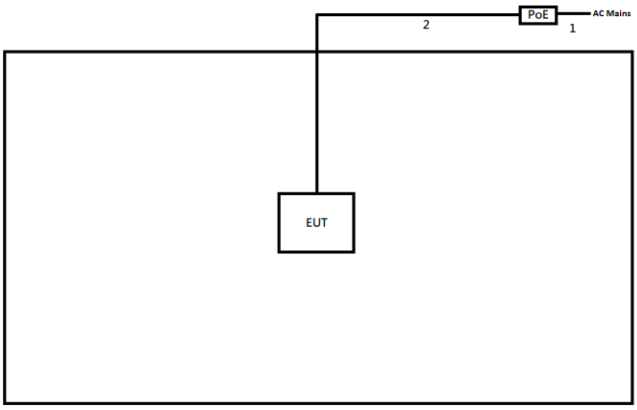
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	0.5	-
3	RJ45 cable	No	10.0	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	0.5	-
2	RJ45 cable	No	10.0	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

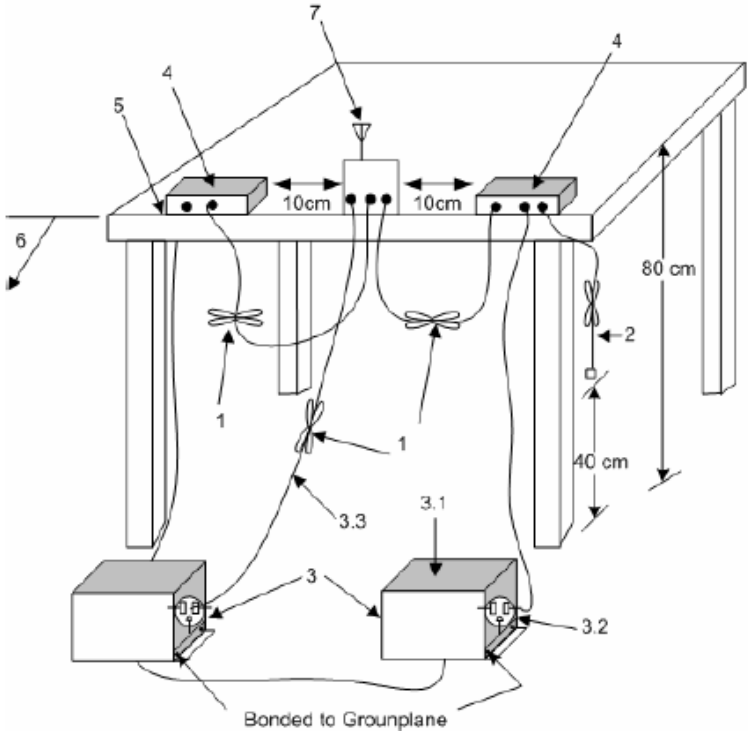
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

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

3.1.5 Test Setup

AC Power-line Conducted Emissions



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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

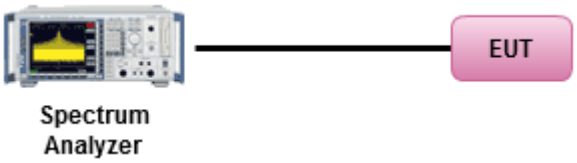
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

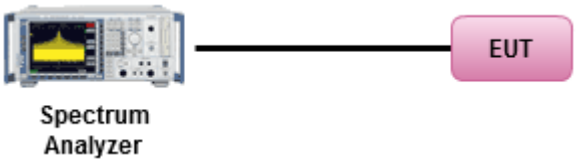
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

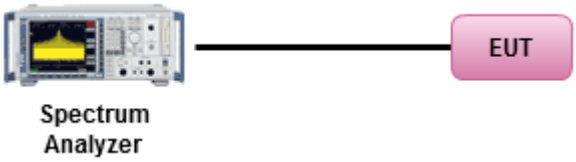
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

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

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

3.6.2 Measuring Instruments

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

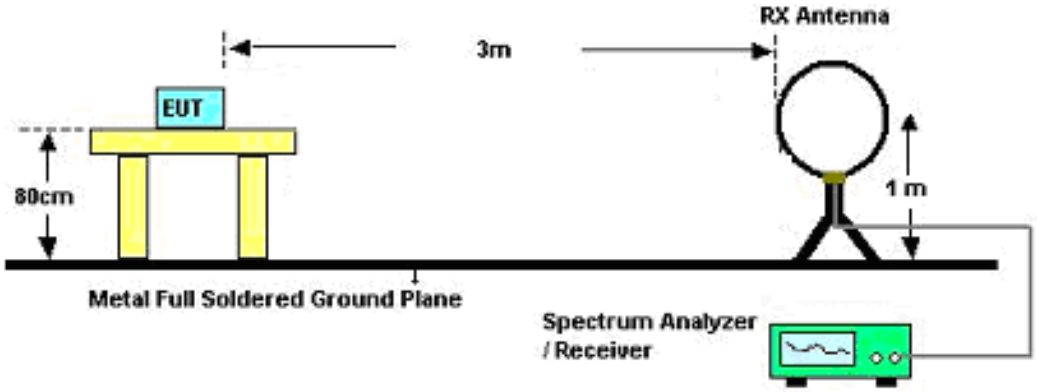
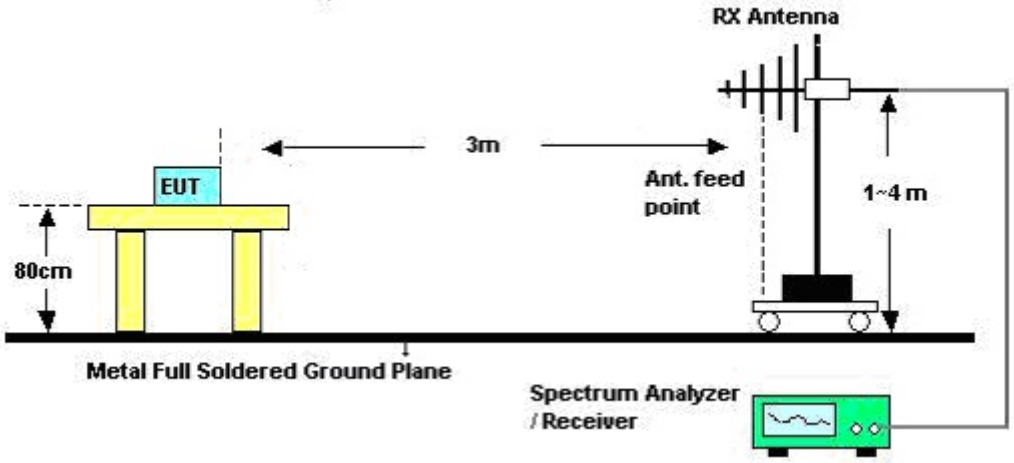
3.6.3 Test Procedures

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

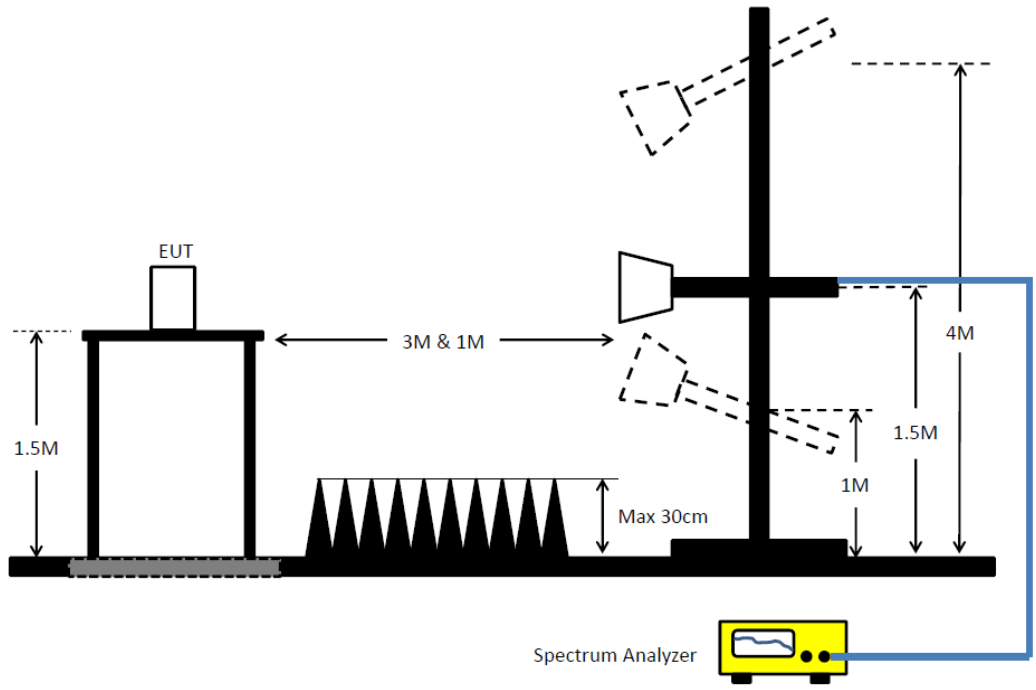
3.6.4 Measurement Results Calculation

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

3.6.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	16/Feb/2023	15/Feb/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	V5.10.8.7	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	01/Apr/2022	31/Mar/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	15/Feb/2023	14/Feb/2024
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	15/Feb/2023	14/Feb/2024
SENSE-15247_DTS	Sporton	V5.10.8.8	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	02/Aug/2022	01/Aug/2023
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2022	25/Oct/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-01	1GHz~40GHz	27/Jul/2022	26/Jul/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	14/Jul/2022	13/Jul/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060874	18GHz ~ 40GHz	23/Aug/2022	22/Aug/2023
SENSE-15407	Sporton	NA	5.11	NA	NA	NA

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	25/Mar/2022	24/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MTJ6102-05	35418 & 3	30MHz~1GHz	28/Aug/2022	27/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	10/Mar/2022	09/Mar/2023
RF Cable-low	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	21/Feb/2023	20/Feb/2024
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	21/Feb/2023	20/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	30/May/2022	29/May/2023
SENSE_15247_DTS	Sporton	Sporton	V5.11	NA	NA	NA

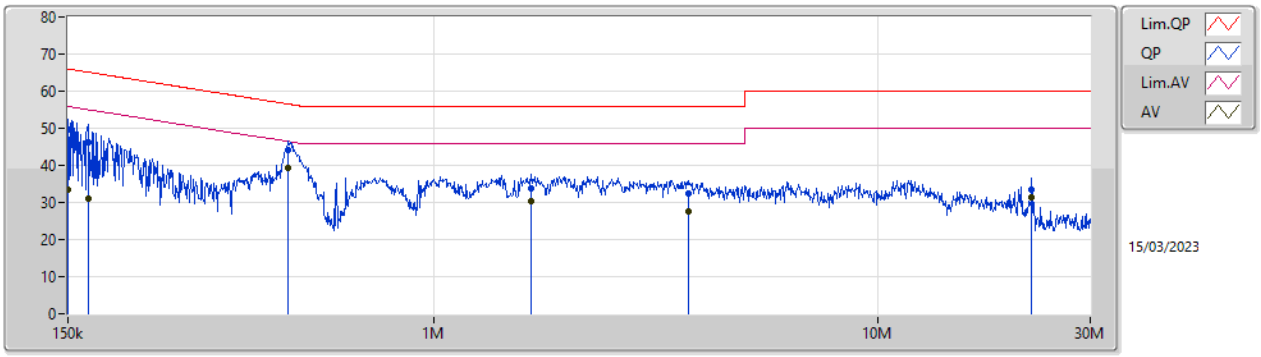
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	469.822k	39.34	46.52	-7.18	Line

Result

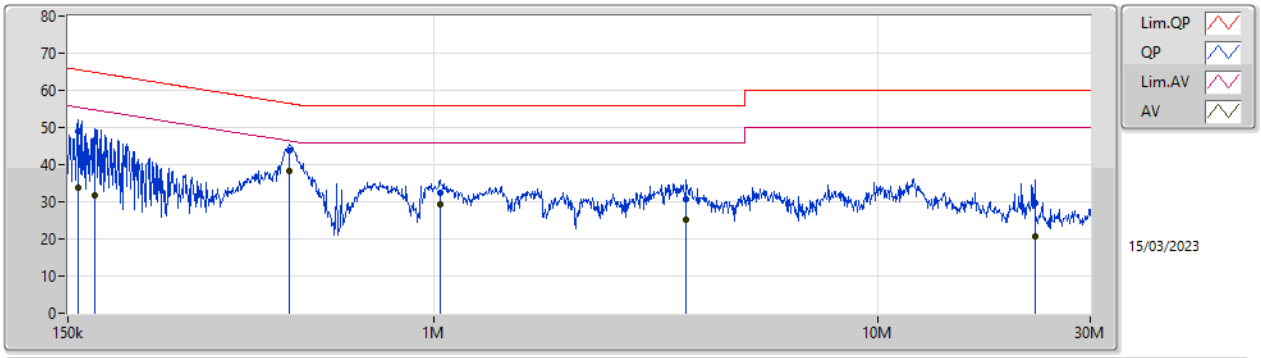
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	150k	49.52	66.00	-16.48	Line	-
Mode 1	Pass	AV	150k	33.60	56.00	-22.40	Line	-
Mode 1	Pass	QP	166.406k	46.20	65.14	-18.94	Line	-
Mode 1	Pass	AV	166.406k	31.20	55.14	-23.94	Line	-
Mode 1	Pass	QP	469.822k	44.20	56.52	-12.32	Line	-
Mode 1	Pass	AV	469.822k	39.34	46.52	-7.18	Line	-
Mode 1	Pass	QP	1.659M	33.94	56.00	-22.06	Line	-
Mode 1	Pass	AV	1.659M	30.19	46.00	-15.81	Line	-
Mode 1	Pass	QP	3.73M	32.46	56.00	-23.54	Line	-
Mode 1	Pass	AV	3.73M	27.64	46.00	-18.36	Line	-
Mode 1	Pass	QP	22.129M	33.41	60.00	-26.59	Line	-
Mode 1	Pass	AV	22.129M	31.25	50.00	-18.75	Line	-
Mode 1	Pass	QP	157.99k	49.01	65.56	-16.55	Neutral	-
Mode 1	Pass	AV	157.99k	33.89	55.56	-21.67	Neutral	-
Mode 1	Pass	QP	172.493k	46.55	64.83	-18.28	Neutral	-
Mode 1	Pass	AV	172.493k	31.78	54.83	-23.05	Neutral	-
Mode 1	Pass	QP	473.588k	43.81	56.46	-12.65	Neutral	-
Mode 1	Pass	AV	473.588k	38.32	46.46	-8.14	Neutral	-
Mode 1	Pass	QP	1.032M	32.53	56.00	-23.47	Neutral	-
Mode 1	Pass	AV	1.032M	29.34	46.00	-16.66	Neutral	-
Mode 1	Pass	QP	3.701M	30.52	56.00	-25.48	Neutral	-
Mode 1	Pass	AV	3.701M	25.25	46.00	-20.75	Neutral	-
Mode 1	Pass	QP	22.485M	29.66	60.00	-30.34	Neutral	-
Mode 1	Pass	AV	22.485M	20.85	50.00	-29.15	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	150k	49.52	66.00	-16.48	19.61	Line	-	29.91	9.65	0.03	9.93
AV	150k	33.60	56.00	-22.40	19.61	Line	-	13.99	9.65	0.03	9.93
QP	166.406k	46.20	65.14	-18.94	19.61	Line	-	26.59	9.65	0.03	9.93
AV	166.406k	31.20	55.14	-23.94	19.61	Line	-	11.59	9.65	0.03	9.93
QP	469.822k	44.20	56.52	-12.32	19.64	Line	-	24.56	9.64	0.04	9.96
AV	469.822k	39.34	46.52	-7.18	19.64	Line	-	19.70	9.64	0.04	9.96
QP	1.659M	33.94	56.00	-22.06	19.68	Line	-	14.26	9.67	0.07	9.94
AV	1.659M	30.19	46.00	-15.81	19.68	Line	-	10.51	9.67	0.07	9.94
QP	3.73M	32.46	56.00	-23.54	19.76	Line	-	12.70	9.70	0.13	9.93
AV	3.73M	27.64	46.00	-18.36	19.76	Line	-	7.88	9.70	0.13	9.93
QP	22.129M	33.41	60.00	-26.59	20.05	Line	-	13.36	9.79	0.29	9.97
AV	22.129M	31.25	50.00	-18.75	20.05	Line	-	11.20	9.79	0.29	9.97

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	157.99k	49.01	65.56	-16.55	19.59	Neutral	-	29.42	9.63	0.03	9.93
AV	157.99k	33.89	55.56	-21.67	19.59	Neutral	-	14.30	9.63	0.03	9.93
QP	172.493k	46.55	64.83	-18.28	19.59	Neutral	-	26.96	9.63	0.03	9.93
AV	172.493k	31.78	54.83	-23.05	19.59	Neutral	-	12.19	9.63	0.03	9.93
QP	473.588k	43.81	56.46	-12.65	19.63	Neutral	-	24.18	9.63	0.04	9.96
AV	473.588k	38.32	46.46	-8.14	19.63	Neutral	-	18.69	9.63	0.04	9.96
QP	1.032M	32.53	56.00	-23.47	19.64	Neutral	-	12.89	9.65	0.05	9.94
AV	1.032M	29.34	46.00	-16.66	19.64	Neutral	-	9.70	9.65	0.05	9.94
QP	3.701M	30.52	56.00	-25.48	19.73	Neutral	-	10.79	9.68	0.12	9.93
AV	3.701M	25.25	46.00	-20.75	19.73	Neutral	-	5.52	9.68	0.12	9.93
QP	22.485M	29.66	60.00	-30.34	20.25	Neutral	-	9.41	9.99	0.29	9.97
AV	22.485M	20.85	50.00	-29.15	20.25	Neutral	-	0.60	9.99	0.29	9.97

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.025M	13.159M	13M2G1D	7.1M	12.957M
802.11g_Nss1,(6Mbps)_2TX	15.1M	16.439M	16M4D1D	13.825M	16.269M
802.11ax HEW20_Nss1,(MCS0)_2TX	15.075M	18.905M	18M9D1D	11.2M	18.807M
802.11ax HEW40_Nss1,(MCS0)_2TX	36.8M	37.515M	37M5D1D	26M	37.417M

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

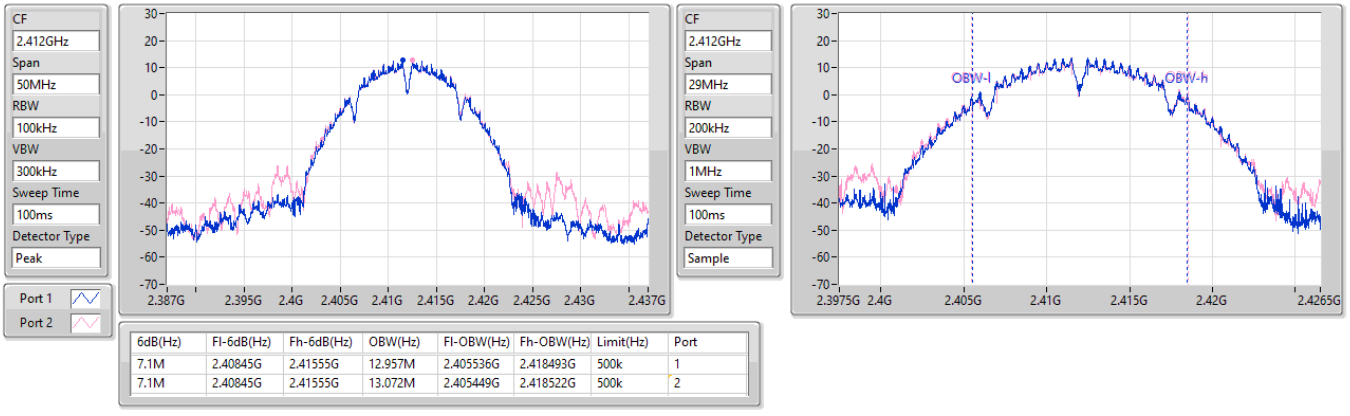
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.1M	12.957M	7.1M	13.072M
2437MHz	Pass	500k	8.025M	13.014M	8.025M	13.159M
2462MHz	Pass	500k	8.025M	13.072M	8.025M	13.087M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.075M	16.291M	13.825M	16.312M
2437MHz	Pass	500k	15.1M	16.333M	15.025M	16.439M
2462MHz	Pass	500k	15.025M	16.269M	15.025M	16.269M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.025M	18.831M	13.8M	18.807M
2437MHz	Pass	500k	15.075M	18.856M	15.025M	18.905M
2462MHz	Pass	500k	11.2M	18.831M	11.6M	18.807M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	33M	37.417M	31.25M	37.515M
2437MHz	Pass	500k	27.25M	37.515M	31.25M	37.515M
2452MHz	Pass	500k	36.8M	37.466M	26M	37.466M

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

09/03/2023

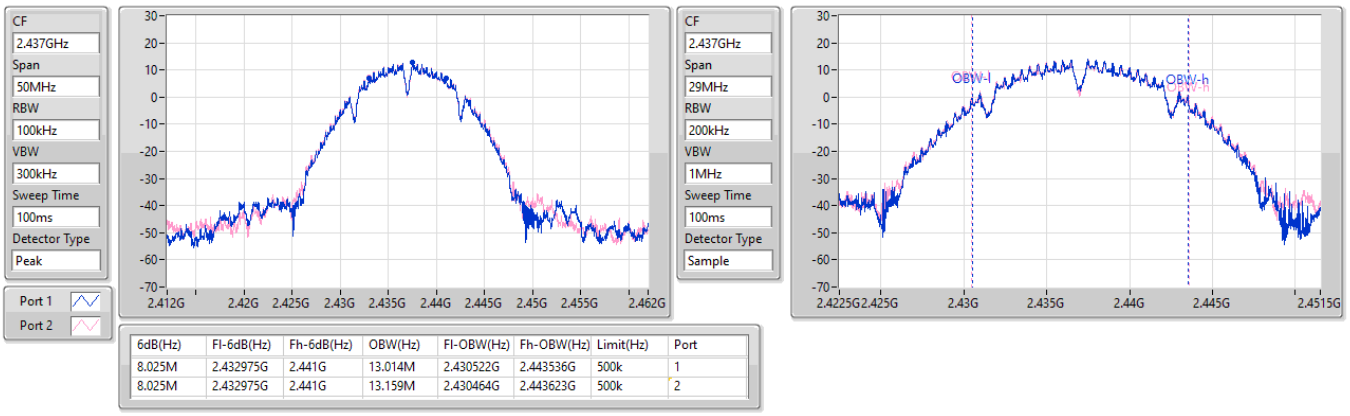


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.1M	2.40845G	2.41555G	12.957M	2.405536G	2.418493G	500k	1
7.1M	2.40845G	2.41555G	13.072M	2.405449G	2.418522G	500k	2

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

2437MHz

09/03/2023

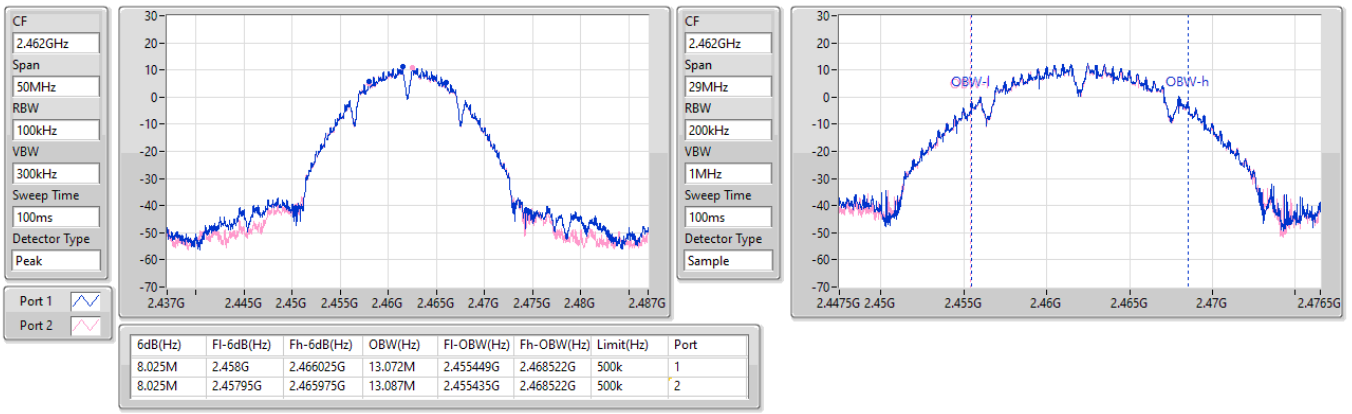


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.432975G	2.441G	13.014M	2.430522G	2.443536G	500k	1
8.025M	2.432975G	2.441G	13.159M	2.430464G	2.443623G	500k	2

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

2462MHz

09/03/2023

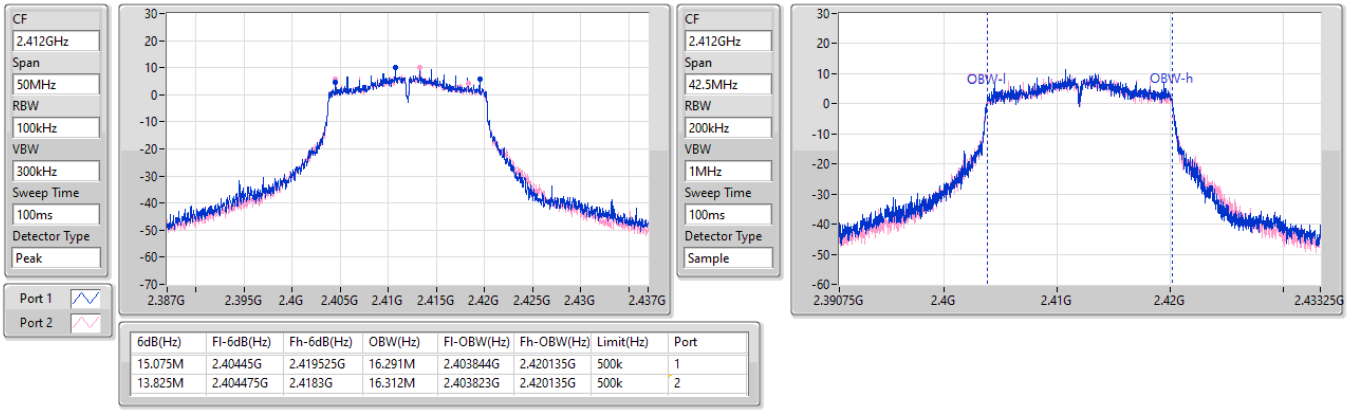


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.458G	2.466025G	13.072M	2.455449G	2.468522G	500k	1
8.025M	2.45795G	2.465975G	13.087M	2.455435G	2.468522G	500k	2

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

2412MHz

09/03/2023

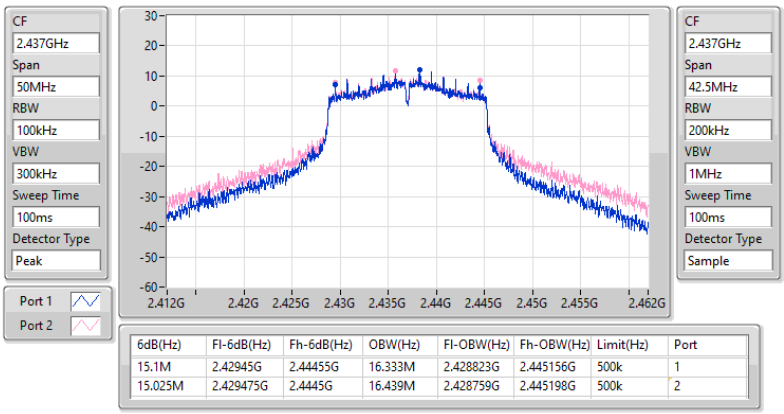


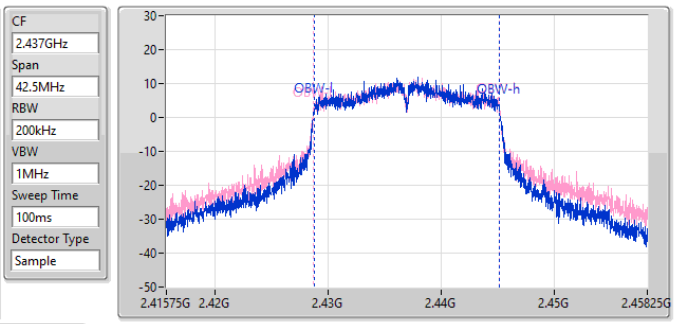
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.40445G	2.419525G	16.291M	2.403844G	2.420135G	500k	1
13.825M	2.404475G	2.4183G	16.312M	2.403823G	2.420135G	500k	2

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

2437MHz

09/03/2023



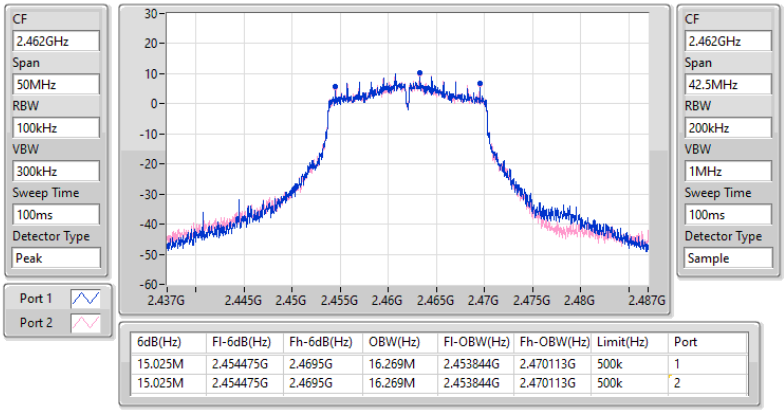


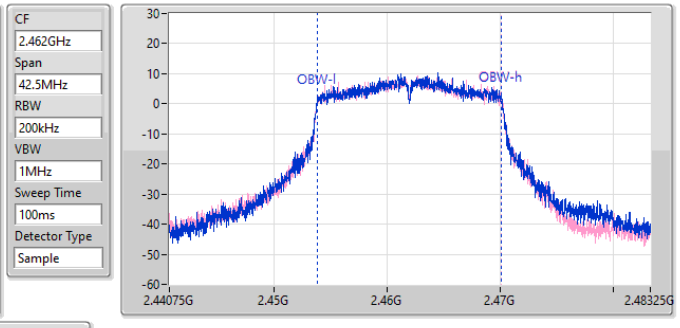
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.42945G	2.44455G	16.333M	2.428823G	2.445156G	500k	1
15.025M	2.429475G	2.4445G	16.439M	2.428759G	2.445198G	500k	2

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

2462MHz

09/03/2023



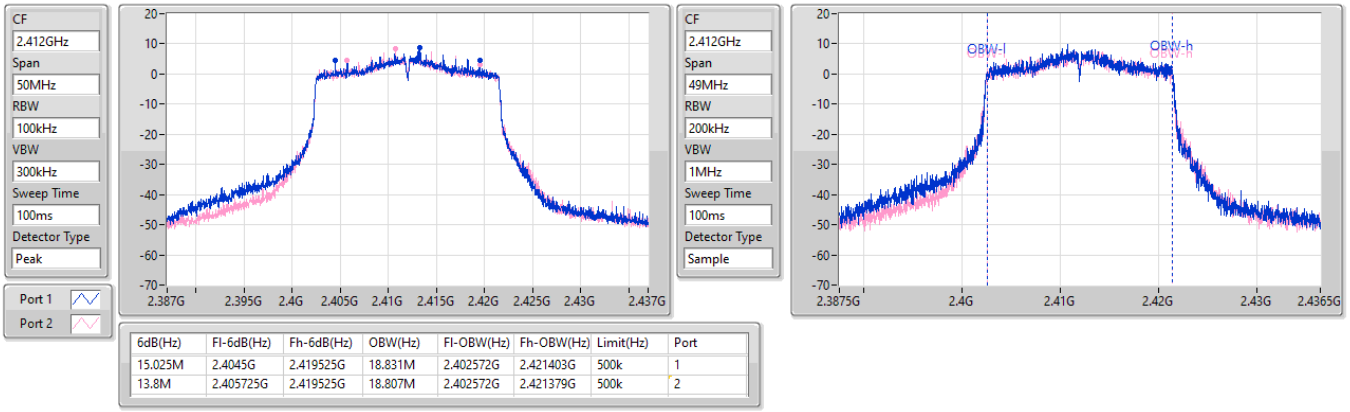


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.454475G	2.4695G	16.269M	2.453844G	2.470113G	500k	1
15.025M	2.454475G	2.4695G	16.269M	2.453844G	2.470113G	500k	2

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

2412MHz

09/03/2023

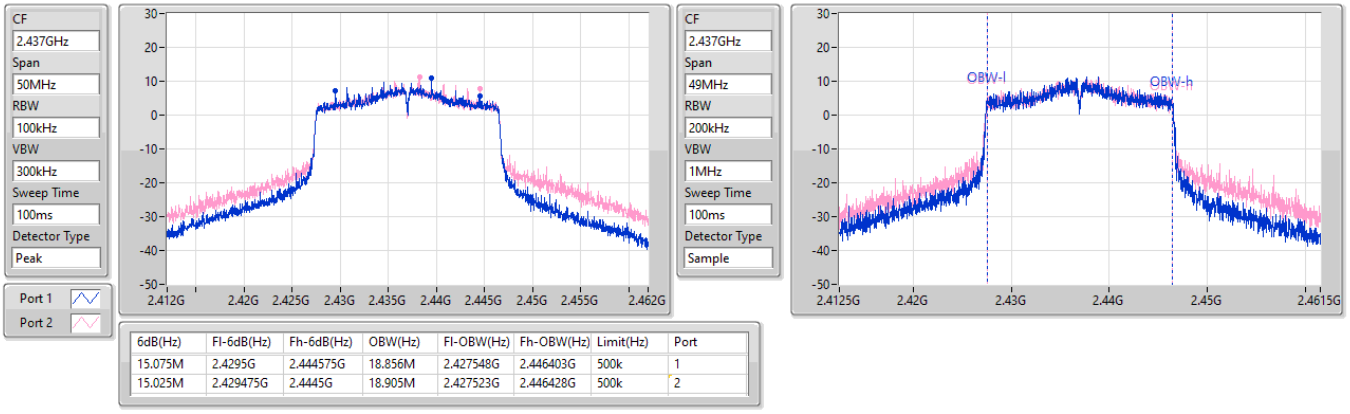


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.4045G	2.419525G	18.831M	2.402572G	2.421403G	500k	1
13.8M	2.405725G	2.419525G	18.807M	2.402572G	2.421379G	500k	2

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

2437MHz

09/03/2023

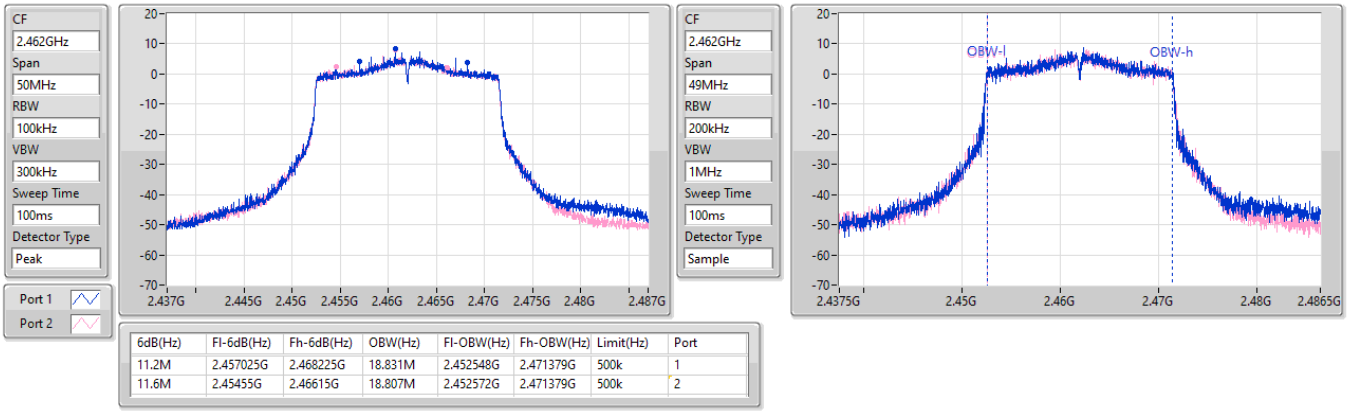


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.4295G	2.444575G	18.856M	2.427548G	2.446403G	500k	1
15.025M	2.429475G	2.4445G	18.905M	2.427523G	2.446428G	500k	2

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

2462MHz

09/03/2023

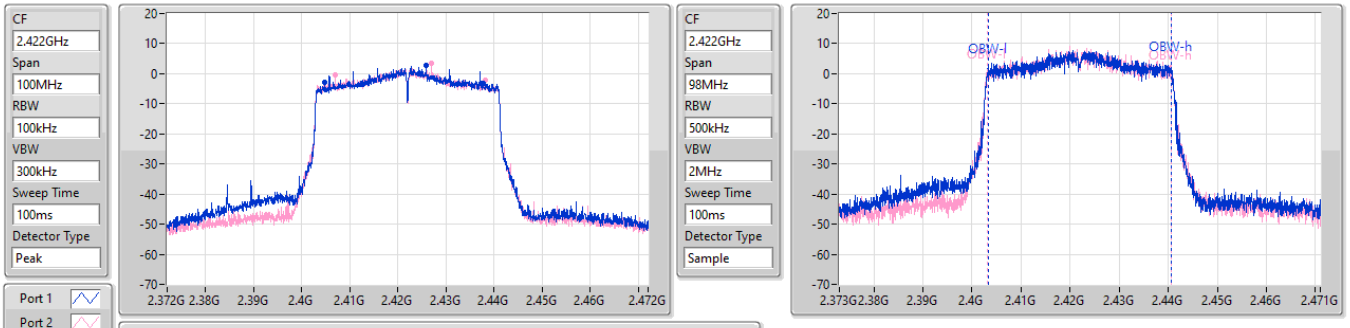


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
11.2M	2.457025G	2.468225G	18.831M	2.452548G	2.471379G	500k	1
11.6M	2.45455G	2.46615G	18.807M	2.452572G	2.471379G	500k	2

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

2422MHz

09/03/2023

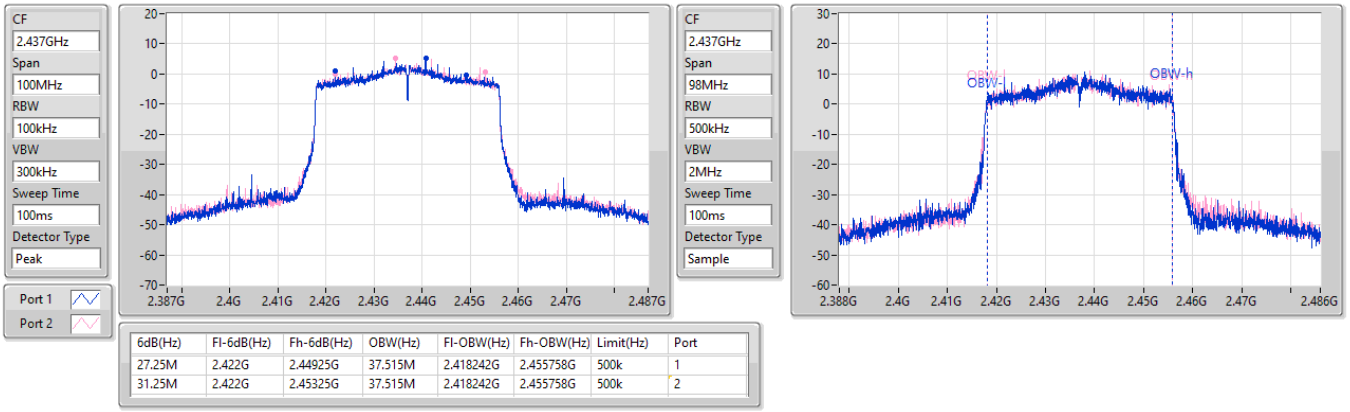


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33M	2.4047G	2.4377G	37.417M	2.403291G	2.440709G	500k	1
31.25M	2.40695G	2.4382G	37.515M	2.403193G	2.440709G	500k	2

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

2437MHz

09/03/2023

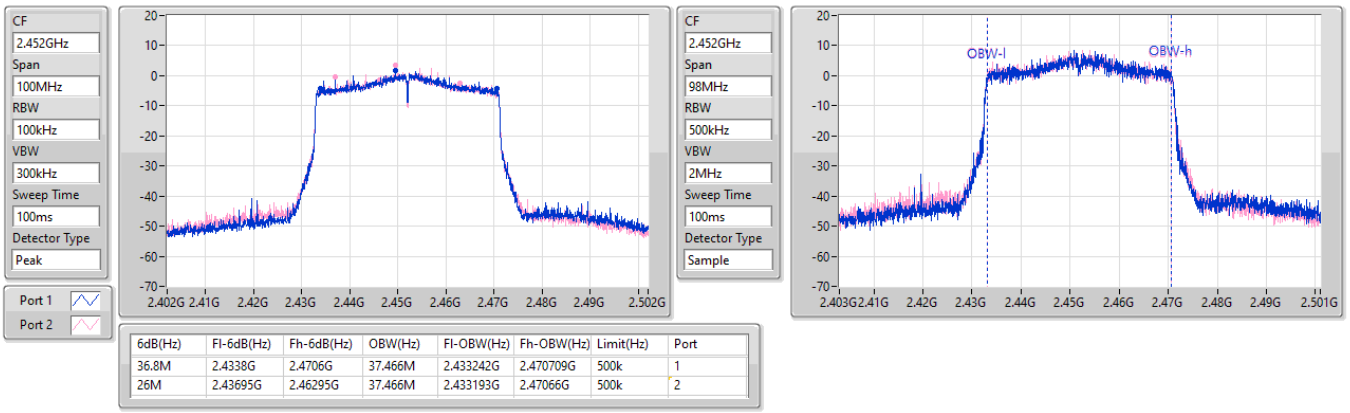


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.25M	2.422G	2.44925G	37.515M	2.418242G	2.455758G	500k	1
31.25M	2.422G	2.45325G	37.515M	2.418242G	2.455758G	500k	2

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

2452MHz

09/03/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.8M	2.4338G	2.4706G	37.466M	2.433242G	2.470709G	500k	1
26M	2.43695G	2.46295G	37.466M	2.433193G	2.47066G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.83	0.30409
802.11g_Nss1,(6Mbps)_2TX	24.41	0.27606
802.11ax HEW20_Nss1,(MCS0)_2TX	23.69	0.23388
802.11ax HEW40_Nss1,(MCS0)_2TX	20.64	0.11588

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.40	21.31	21.43	24.38	30.00
2417MHz	Pass	3.40	21.73	21.71	24.73	30.00
2437MHz	Pass	3.40	21.78	21.86	24.83	30.00
2457MHz	Pass	3.40	21.04	21.16	24.11	30.00
2462MHz	Pass	3.40	20.44	20.25	23.36	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.40	19.15	19.07	22.12	30.00
2417MHz	Pass	3.40	19.90	19.94	22.93	30.00
2437MHz	Pass	3.40	21.27	21.52	24.41	30.00
2457MHz	Pass	3.40	20.23	20.28	23.27	30.00
2462MHz	Pass	3.40	19.49	19.37	22.44	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.40	17.48	17.17	20.34	30.00
2417MHz	Pass	3.40	19.19	19.28	22.25	30.00
2437MHz	Pass	3.40	20.58	20.78	23.69	30.00
2457MHz	Pass	3.40	19.15	19.21	22.19	30.00
2462MHz	Pass	3.40	17.33	17.18	20.27	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.40	16.27	16.27	19.28	30.00
2427MHz	Pass	3.40	17.37	17.24	20.32	30.00
2437MHz	Pass	3.40	17.64	17.62	20.64	30.00
2447MHz	Pass	3.40	16.80	16.91	19.87	30.00
2452MHz	Pass	3.40	15.77	15.78	18.79	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.56	0.22699
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.52	0.11272

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	6.31	17.34	17.06	20.21	29.69
2417MHz	Pass	6.31	19.05	19.13	22.10	29.69
2437MHz	Pass	6.31	20.46	20.63	23.56	29.69
2457MHz	Pass	6.31	19.05	19.10	22.09	29.69
2462MHz	Pass	6.31	17.18	17.04	20.12	29.69
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.31	16.12	16.14	19.14	29.69
2427MHz	Pass	6.31	17.25	17.11	20.19	29.69
2437MHz	Pass	6.31	17.53	17.49	20.52	29.69
2447MHz	Pass	6.31	16.65	16.79	19.73	29.69
2452MHz	Pass	6.31	15.63	15.64	18.65	29.69

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.58
802.11g_Nss1,(6Mbps)_2TX	-2.80
802.11ax HEW20_Nss1,(MCS0)_2TX	-2.19
802.11ax HEW40_Nss1,(MCS0)_2TX	-7.37

RBW = 3kHz;

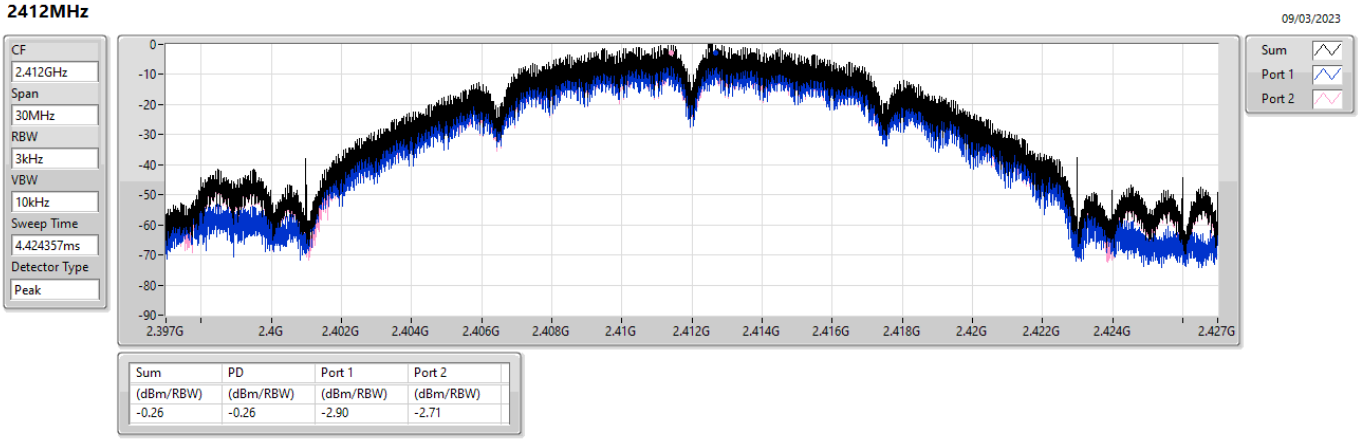
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.31	-2.90	-2.71	-0.26	7.69
2437MHz	Pass	6.31	-2.54	-2.66	0.41	7.69
2462MHz	Pass	6.31	-2.54	-2.33	0.58	7.69
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.31	-5.58	-5.39	-4.13	7.69
2437MHz	Pass	6.31	-5.39	-5.74	-2.80	7.69
2462MHz	Pass	6.31	-6.45	-5.10	-3.93	7.69
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.31	-7.36	-7.34	-5.48	7.69
2437MHz	Pass	6.31	-3.40	-4.12	-2.19	7.69
2462MHz	Pass	6.31	-7.78	-7.46	-4.87	7.69
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.31	-9.70	-10.70	-8.49	7.69
2437MHz	Pass	6.31	-9.09	-9.70	-7.37	7.69
2452MHz	Pass	6.31	-10.89	-10.75	-9.07	7.69

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**

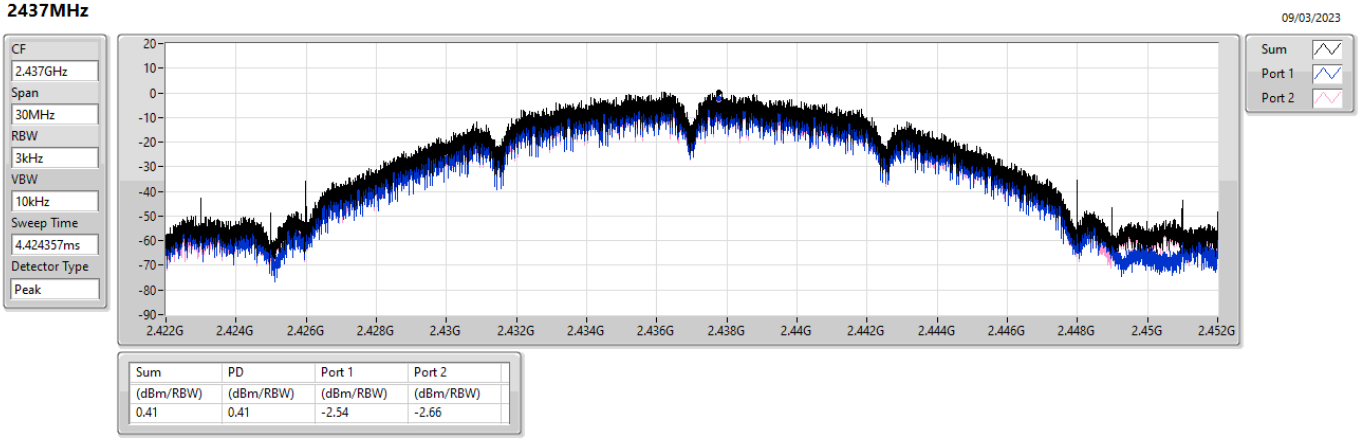
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.26	-0.26	-2.90	-2.71

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

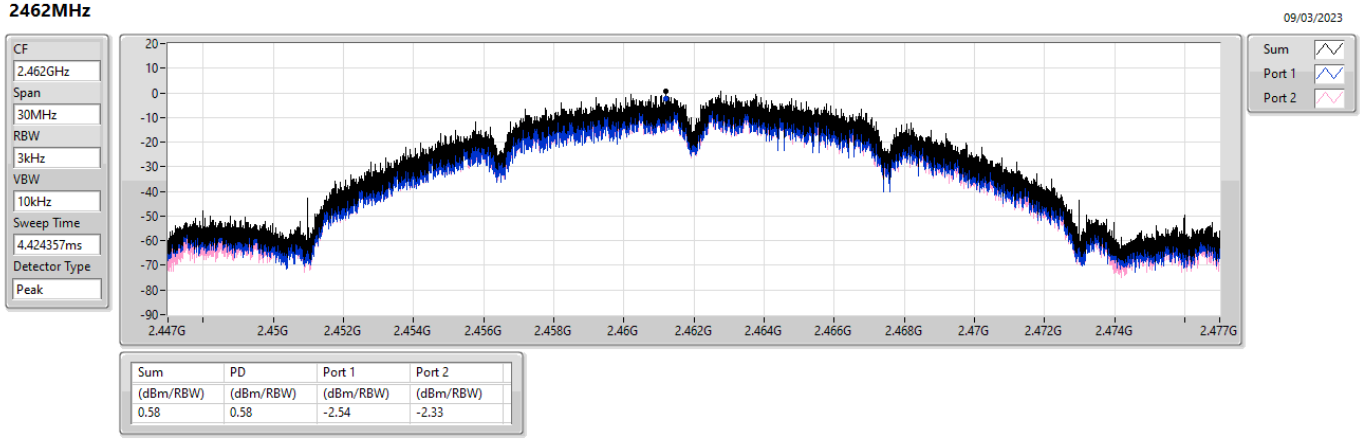
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.41	0.41	-2.54	-2.66

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

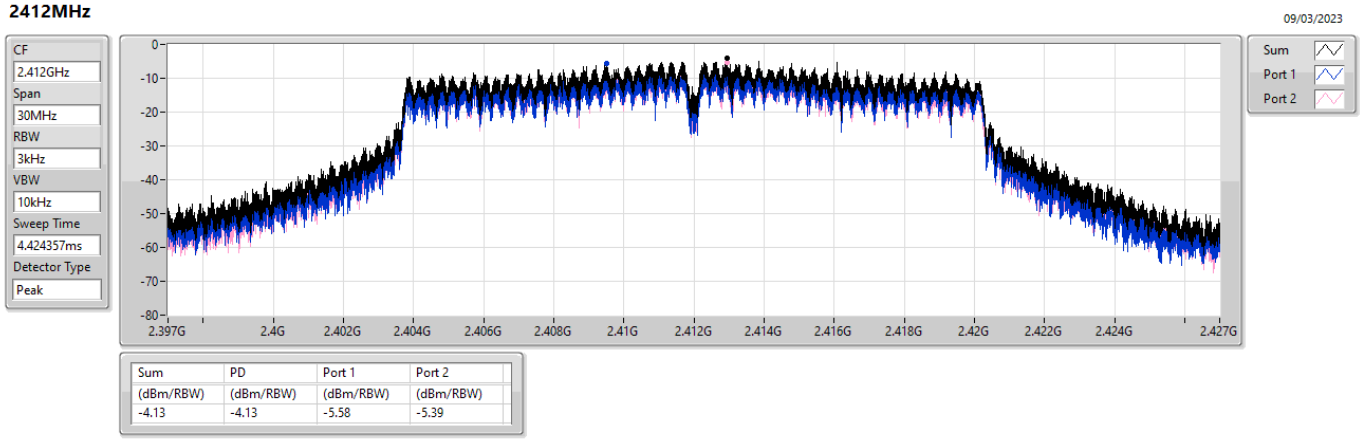
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.58	0.58	-2.54	-2.33

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

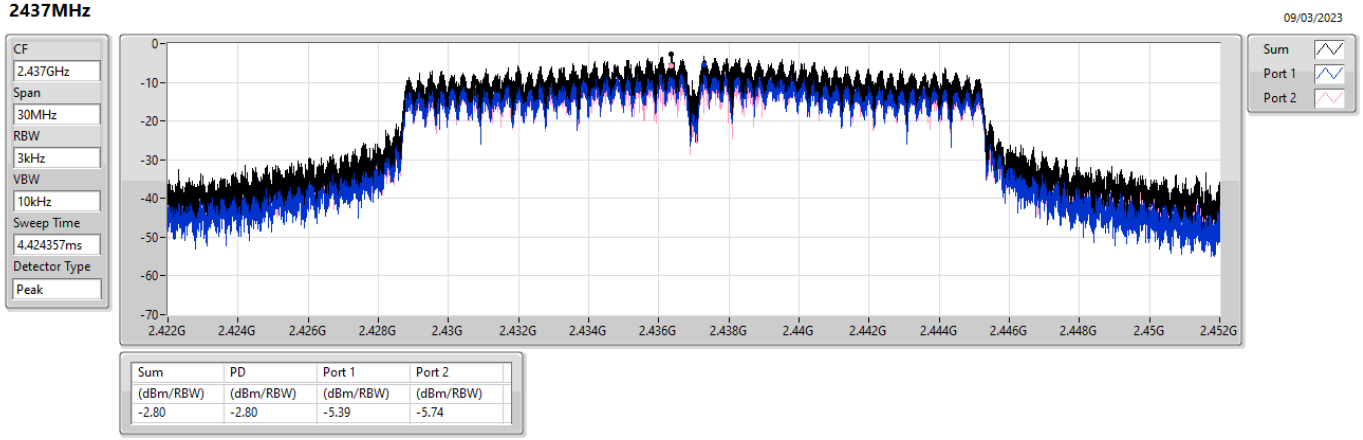
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.13	-4.13	-5.58	-5.39

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

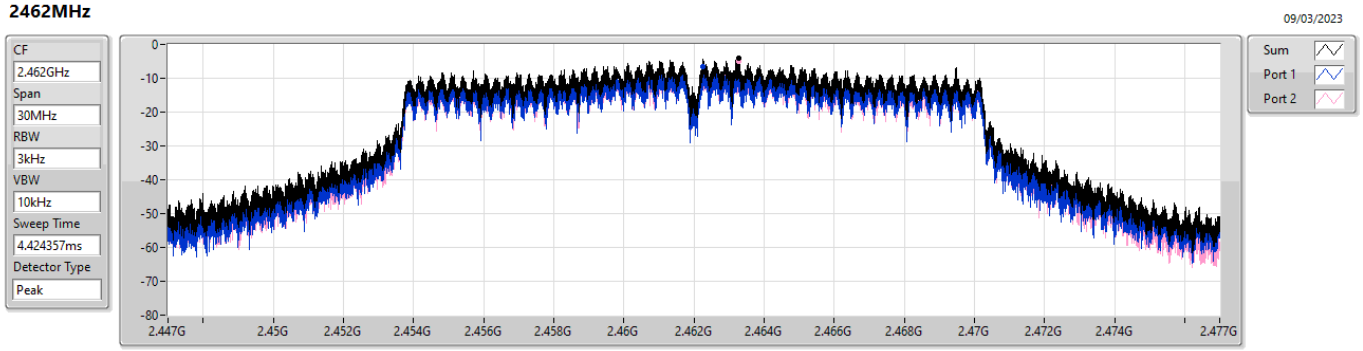
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.80	-2.80	-5.39	-5.74

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

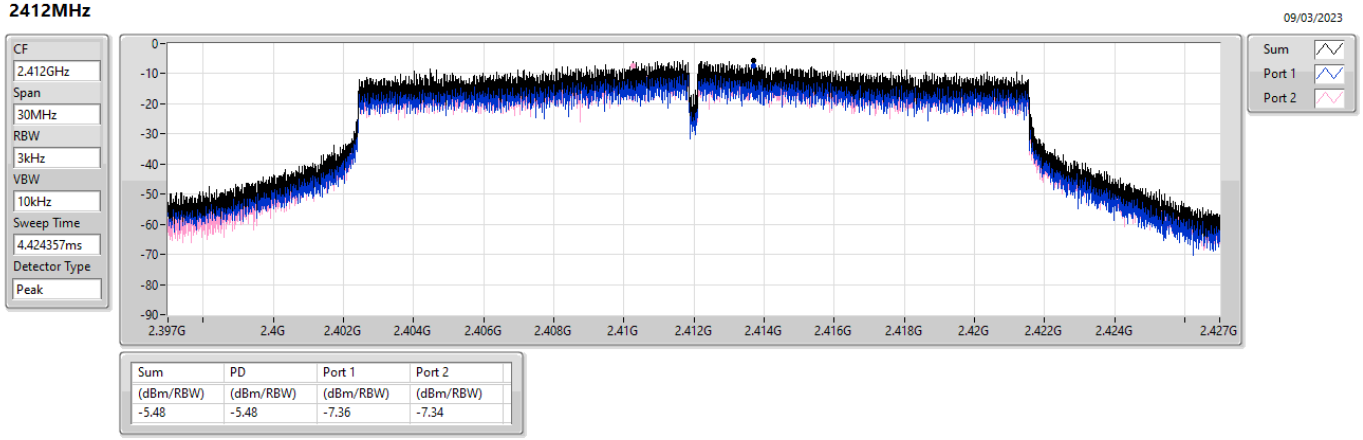
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.93	-3.93	-6.45	-5.10

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

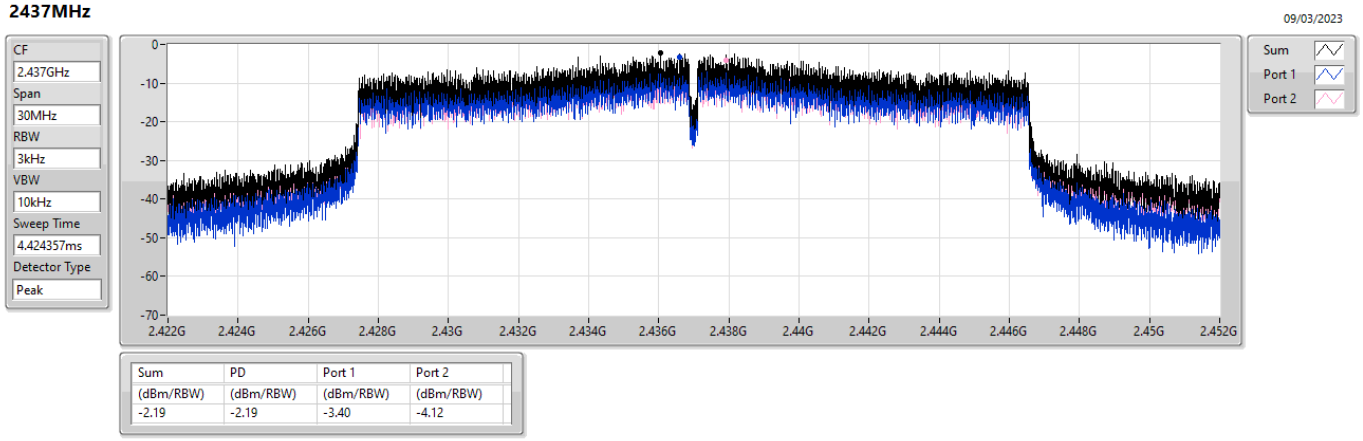
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.48	-5.48	-7.36	-7.34

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

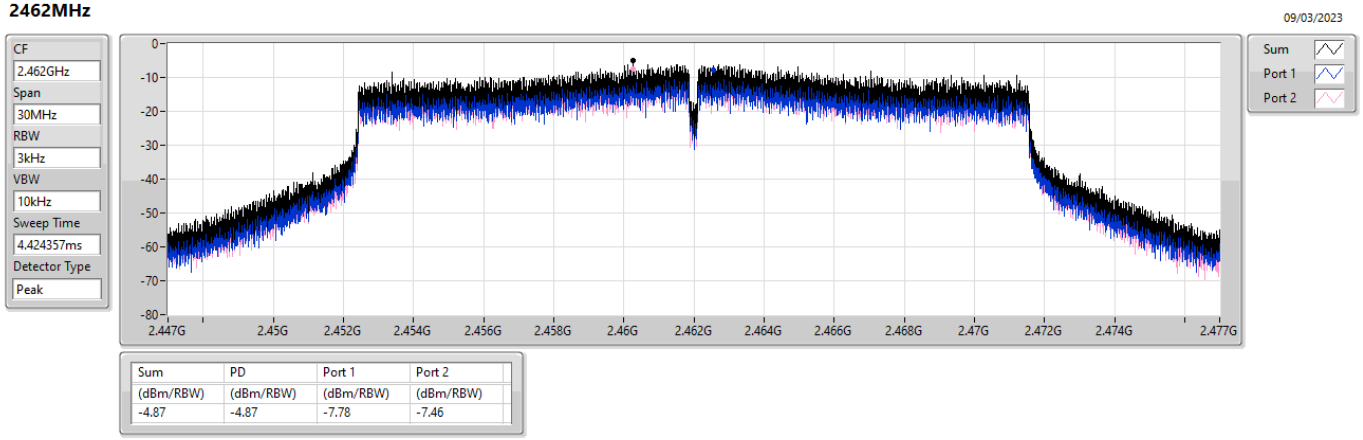
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.19	-2.19	-3.40	-4.12

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

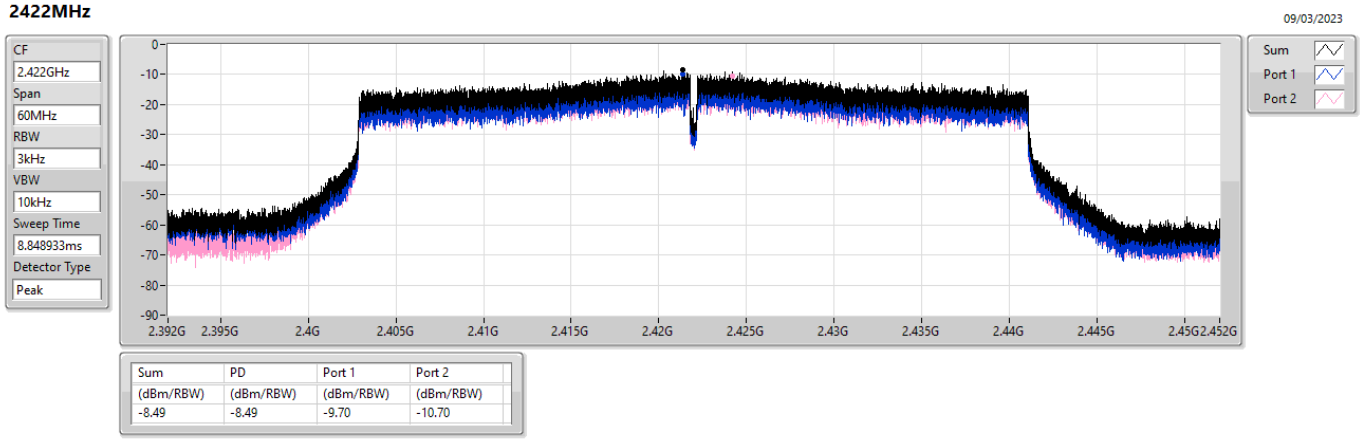
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.87	-4.87	-7.78	-7.46

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

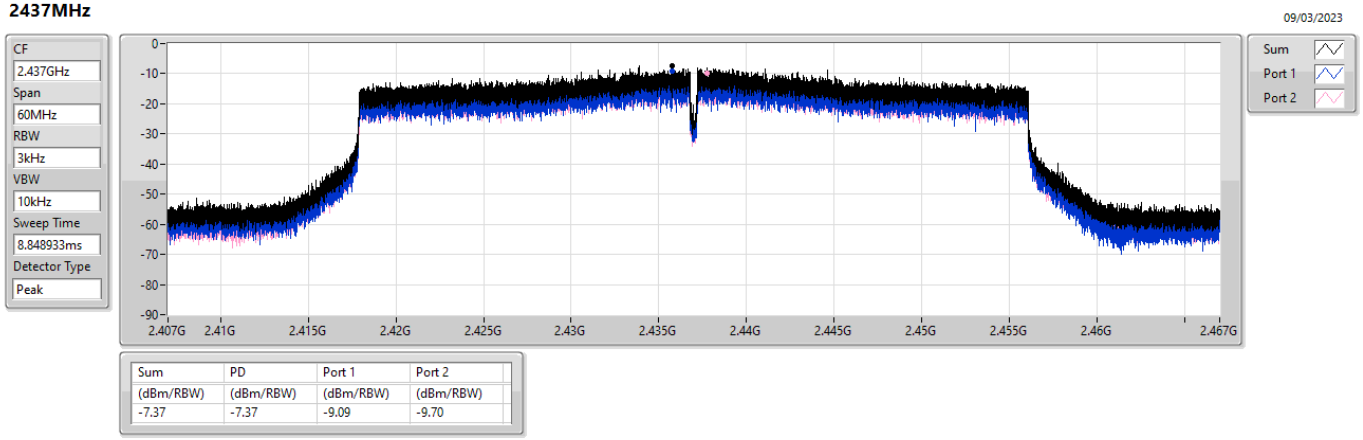
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.49	-8.49	-9.70	-10.70

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

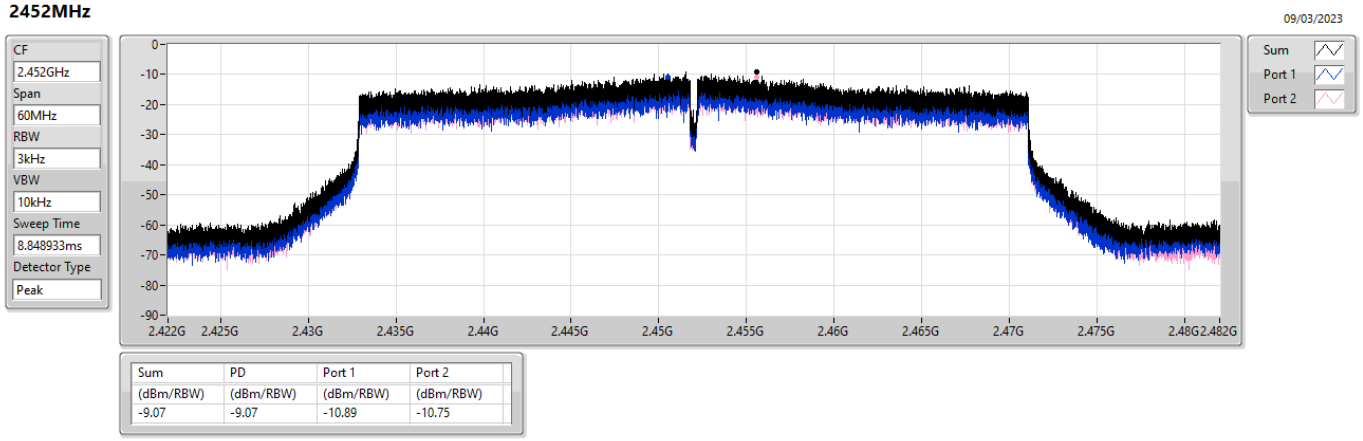
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.37	-7.37	-9.09	-9.70

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)
-9.07	-9.07	-10.89	-10.75

Summary

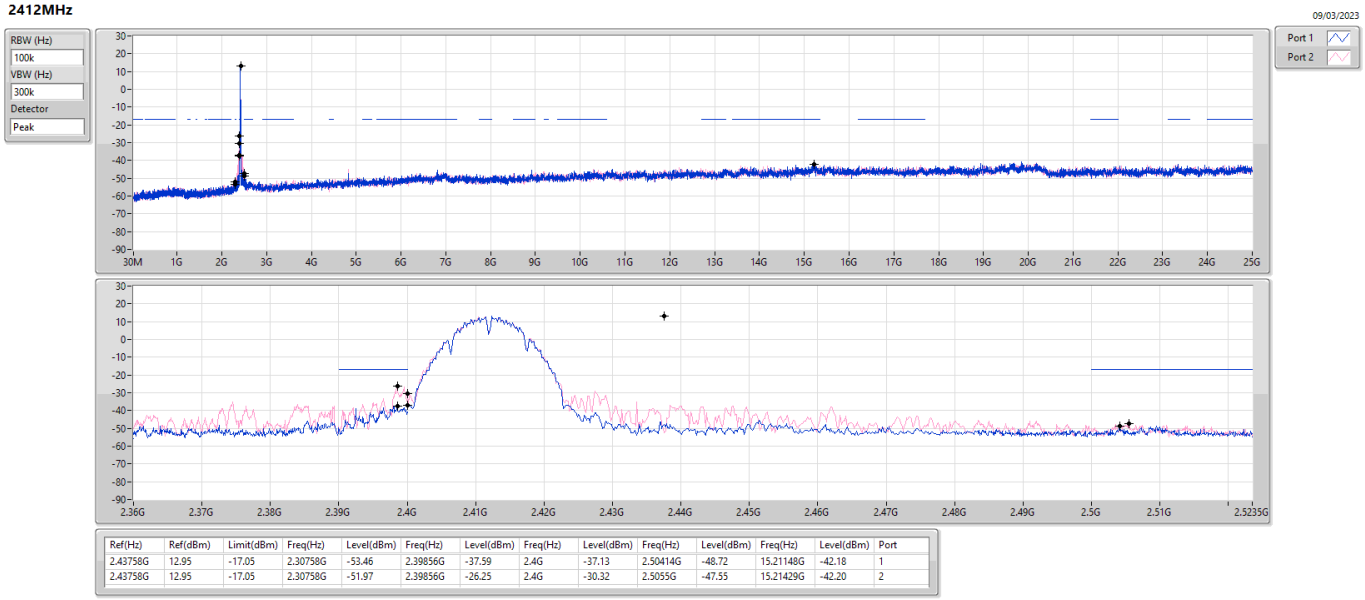
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43758G	12.95	-17.05	2.30758G	-51.97	2.39856G	-26.25	2.4G	-30.32	2.5055G	-47.55	15.21429G	-42.20	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	12.49	-17.51	2.14797G	-54.22	2.39984G	-29.17	2.4G	-27.62	2.5087G	-50.56	24.71342G	-42.29	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43958G	11.14	-18.86	2.30175G	-53.77	2.4G	-28.62	2.4G	-29.66	2.5043G	-50.99	15.22834G	-41.98	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.44075G	5.17	-24.83	2.08528G	-54.11	2.39968G	-34.57	2.4G	-37.03	2.54414G	-49.94	15.2261G	-41.08	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	2.43758G	12.95	-17.05	2.30758G	-53.46	2.39856G	-37.59	2.4G	-37.13	2.50414G	-48.72	15.21148G	-42.18	1
2412MHz	Pass	2.43758G	12.95	-17.05	2.30758G	-51.97	2.39856G	-26.25	2.4G	-30.32	2.5055G	-47.55	15.21429G	-42.20	2
2437MHz	Pass	2.43758G	12.95	-17.05	2.15147G	-53.81	2.39656G	-48.23	2.4G	-51.24	2.50222G	-49.80	15.2171G	-42.57	1
2437MHz	Pass	2.43758G	12.95	-17.05	2.30059G	-53.03	2.39704G	-39.95	2.4G	-49.17	2.50006G	-47.82	15.26768G	-42.32	2
2462MHz	Pass	2.43758G	12.95	-17.05	1.98604G	-54.23	2.39696G	-52.74	2.4G	-53.44	2.51342G	-49.50	15.20587G	-41.22	1
2462MHz	Pass	2.43758G	12.95	-17.05	1.99419G	-54.38	2.3996G	-50.88	2.4G	-52.83	2.5123G	-49.66	23.25807G	-42.23	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	12.49	-17.51	2.18525G	-53.85	2.39976G	-29.89	2.4G	-28.60	2.50094G	-49.29	15.2171G	-40.21	1
2412MHz	Pass	2.43824G	12.49	-17.51	2.14797G	-54.22	2.39984G	-29.17	2.4G	-27.62	2.5087G	-50.56	24.71342G	-42.29	2
2437MHz	Pass	2.43824G	12.49	-17.51	2.07108G	-53.63	2.39992G	-42.96	2.4G	-45.17	2.50998G	-49.11	14.6861G	-42.35	1
2437MHz	Pass	2.43824G	12.49	-17.51	2.13632G	-54.53	2.39944G	-40.22	2.4G	-40.10	2.50054G	-48.68	24.764G	-41.49	2
2462MHz	Pass	2.43824G	12.49	-17.51	2.30408G	-53.24	2.398G	-50.09	2.4G	-51.88	2.50174G	-46.08	24.29761G	-42.49	1
2462MHz	Pass	2.43824G	12.49	-17.51	1.83109G	-53.86	2.39208G	-50.02	2.4G	-50.49	2.50822G	-47.96	15.26206G	-41.38	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43958G	11.14	-18.86	2.30175G	-53.77	2.4G	-28.62	2.4G	-29.66	2.5043G	-50.99	15.22834G	-41.98	1
2412MHz	Pass	2.43958G	11.14	-18.86	2.30758G	-53.88	2.4G	-31.42	2.4G	-30.55	2.51222G	-51.23	24.01384G	-40.09	2
2437MHz	Pass	2.43958G	11.14	-18.86	1.97905G	-53.78	2.3992G	-43.34	2.4G	-43.80	2.50134G	-49.06	15.20587G	-42.00	1
2437MHz	Pass	2.43958G	11.14	-18.86	2.30408G	-54.28	2.39864G	-35.26	2.4G	-37.90	2.5019G	-48.16	15.24801G	-42.10	2
2462MHz	Pass	2.43574G	11.31	-18.69	1.98371G	-54.43	2.3968G	-52.23	2.4G	-54.75	2.5003G	-46.51	24.75276G	-42.81	1
2462MHz	Pass	2.43574G	11.31	-18.69	1.9872G	-54.46	2.39712G	-51.18	2.4G	-53.84	2.5007G	-49.13	24.33694G	-42.50	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	5.17	-24.83	2.08528G	-54.11	2.39968G	-34.57	2.4G	-37.03	2.54414G	-49.94	15.2261G	-41.08	1
2422MHz	Pass	2.44075G	5.17	-24.83	2.30054G	-53.51	2.4G	-37.87	2.4G	-38.50	2.5187G	-50.81	24.77283G	-43.13	2
2437MHz	Pass	2.44075G	5.17	-24.83	1.93872G	-53.74	2.39952G	-41.38	2.4G	-41.90	2.51502G	-49.59	15.21208G	-42.12	1
2437MHz	Pass	2.44075G	5.17	-24.83	2.30512G	-52.82	2.39968G	-35.54	2.4G	-41.76	2.50014G	-49.49	15.20366G	-42.88	2
2452MHz	Pass	2.44075G	5.17	-24.83	2.30283G	-53.23	2.39824G	-50.22	2.4G	-50.16	2.50446G	-48.22	24.68028G	-42.31	1
2452MHz	Pass	2.44075G	5.17	-24.83	2.30283G	-54.63	2.39888G	-49.53	2.4G	-51.65	2.50526G	-49.12	15.24293G	-42.15	2

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

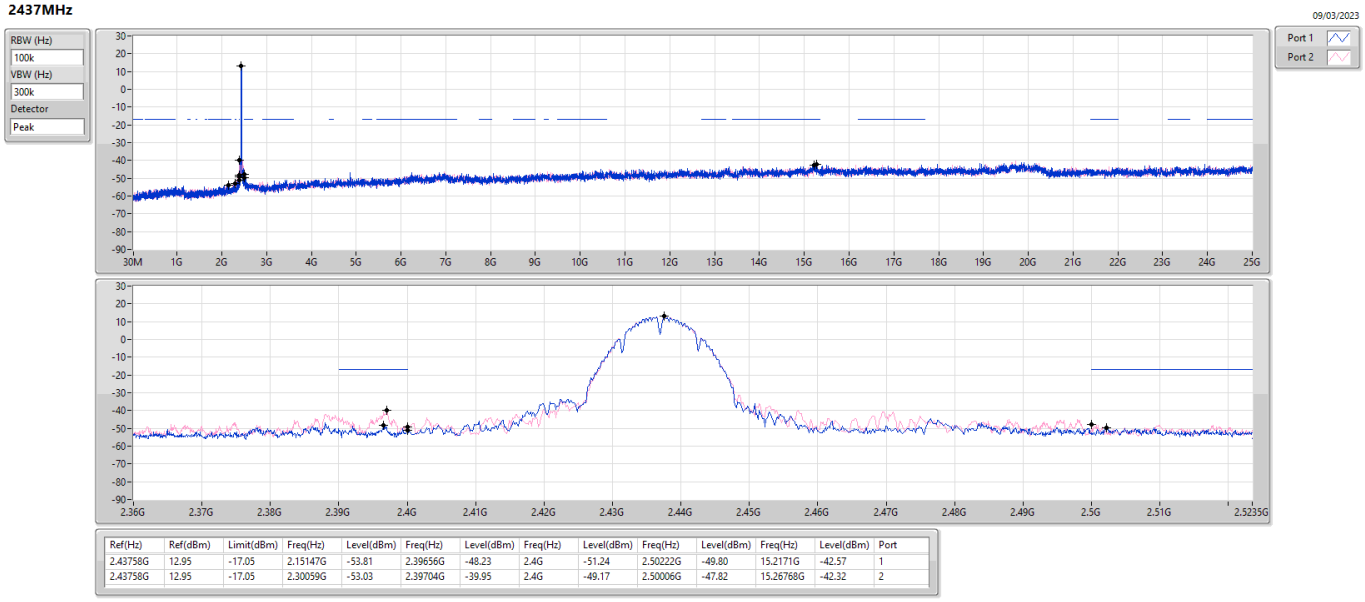
2412MHz



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
2.43758G	12.95	-17.05	2.30758G	-53.46	2.39856G	-37.59	2.4G	-37.13	2.50414G	-48.72	15.21148G	-42.18	1
2.43758G	12.95	-17.05	2.30758G	-51.97	2.39856G	-26.25	2.4G	-30.32	2.5055G	-47.55	15.21429G	-42.20	2

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

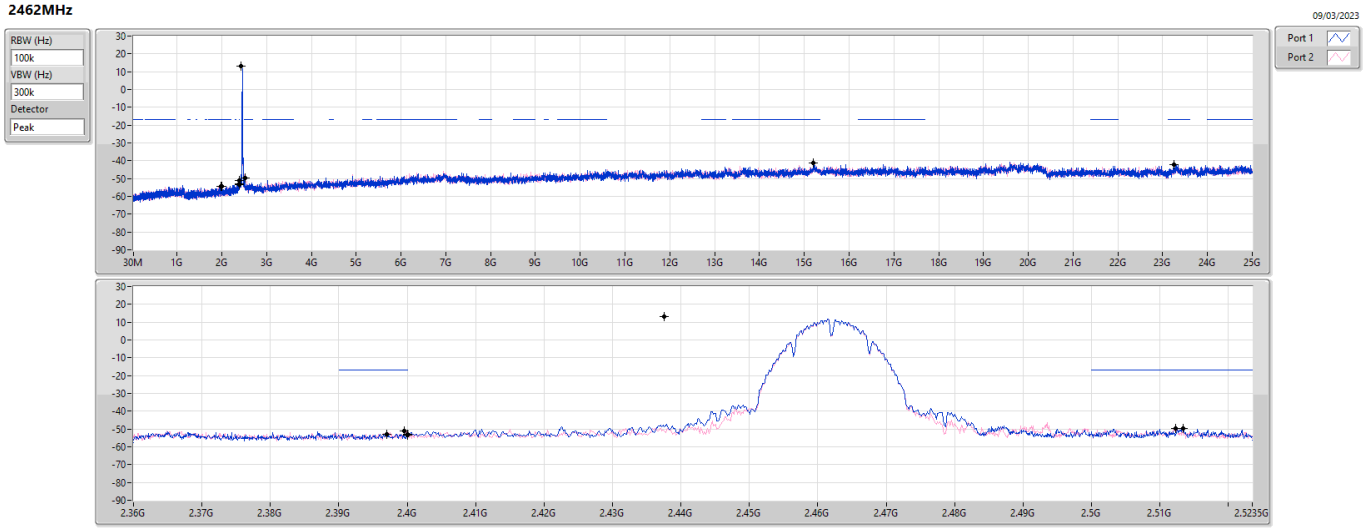
2437MHz



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
2.43758G	12.95	-17.05	2.15147G	-53.81	2.39656G	-48.23	2.4G	-51.24	2.50222G	-49.80	15.2171G	-42.57	1
2.43758G	12.95	-17.05	2.30059G	-53.03	2.39704G	-39.95	2.4G	-49.17	2.50006G	-47.82	15.26768G	-42.32	2

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

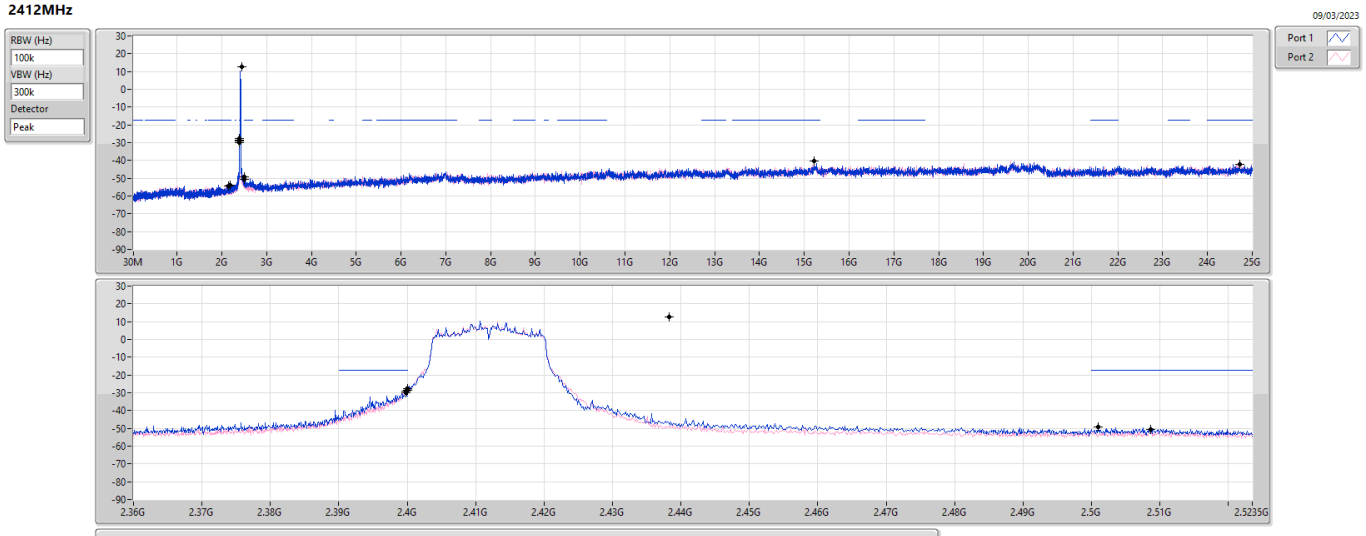
2462MHz



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
2.43758G	12.95	-17.05	1.98604G	-54.23	2.39696G	-52.74	2.4G	-53.44	2.51342G	-49.50	15.20587G	-41.22	1
2.43758G	12.95	-17.05	1.99419G	-54.38	2.3996G	-50.88	2.4G	-52.83	2.5123G	-49.66	23.25807G	-42.23	2

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

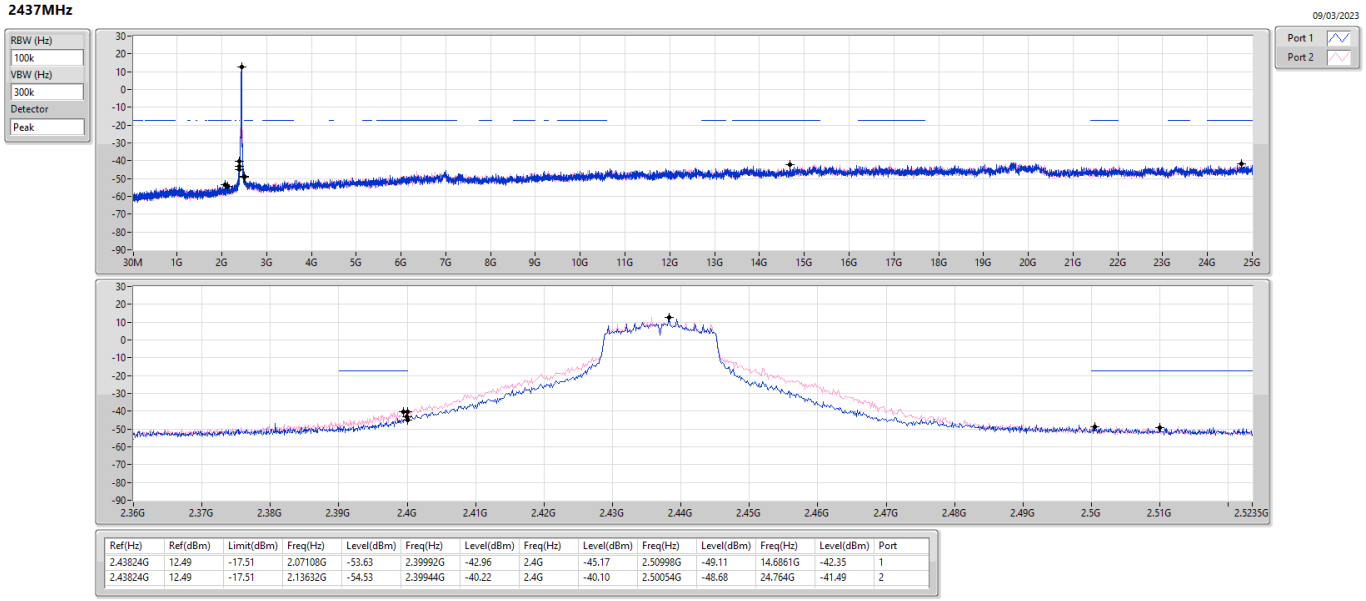
2412MHz



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	12.49	-17.51	2.18525G	-53.85	2.39976G	-29.89	2.4G	-28.60	2.50094G	-49.29	15.2171G	-40.21	1
2.43824G	12.49	-17.51	2.14797G	-54.22	2.39984G	-29.17	2.4G	-27.62	2.5087G	-50.56	24.71342G	-42.29	2

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

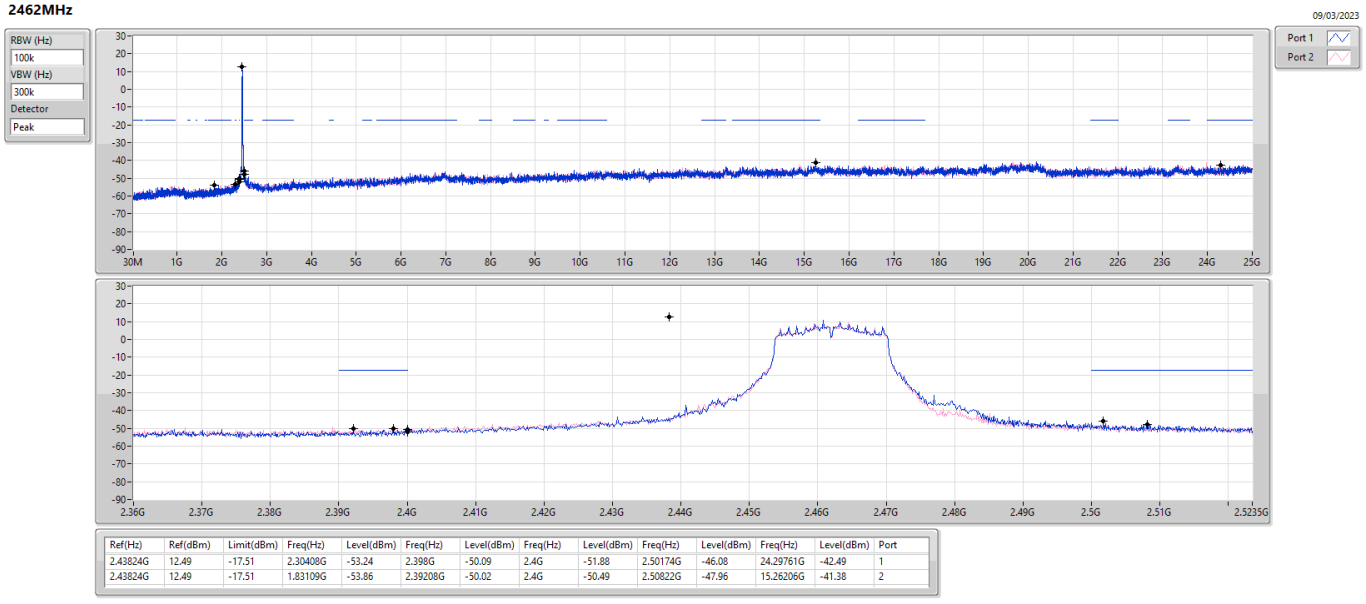
2437MHz



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	12.49	-17.51	2.07108G	-53.63	2.39992G	-42.96	2.4G	-45.17	2.50998G	-49.11	14.6861G	-42.35	1
2.43824G	12.49	-17.51	2.13632G	-54.53	2.39944G	-40.22	2.4G	-40.10	2.50054G	-48.68	24.764G	-41.49	2

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

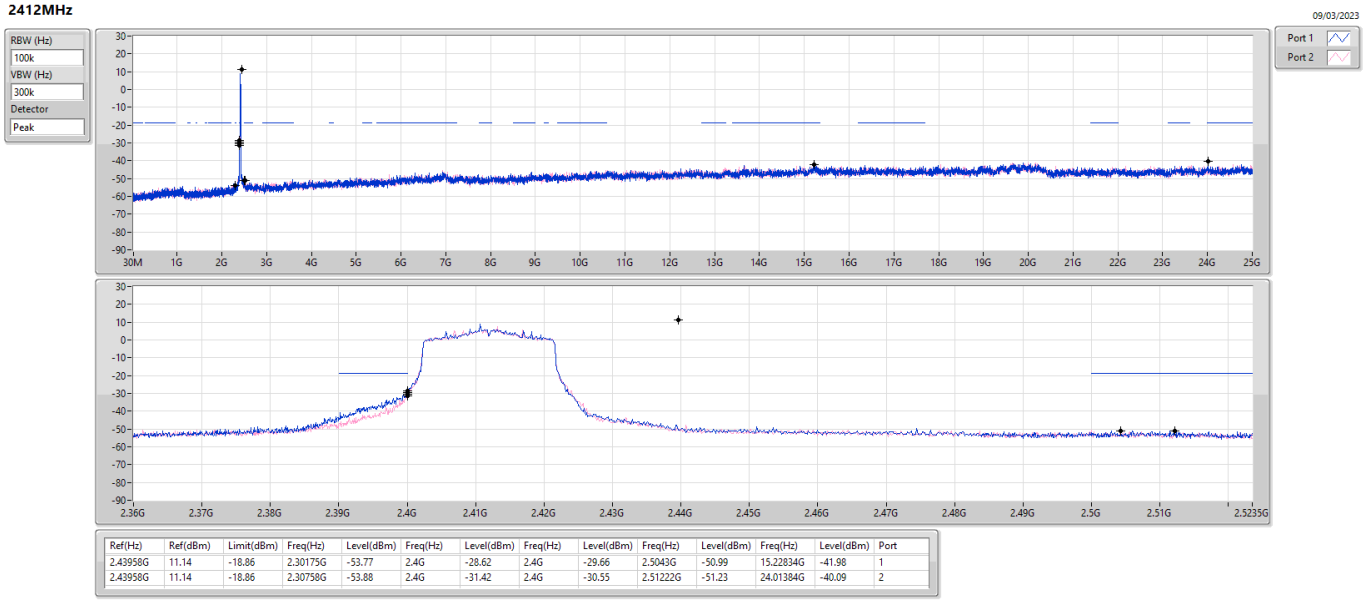
2462MHz



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	12.49	-17.51	2.30408G	-53.24	2.398G	-50.09	2.4G	-51.88	2.50174G	-46.08	24.29761G	-42.49	1
2.43824G	12.49	-17.51	1.83109G	-53.86	2.39208G	-50.02	2.4G	-50.49	2.50822G	-47.96	15.26206G	-41.38	2

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

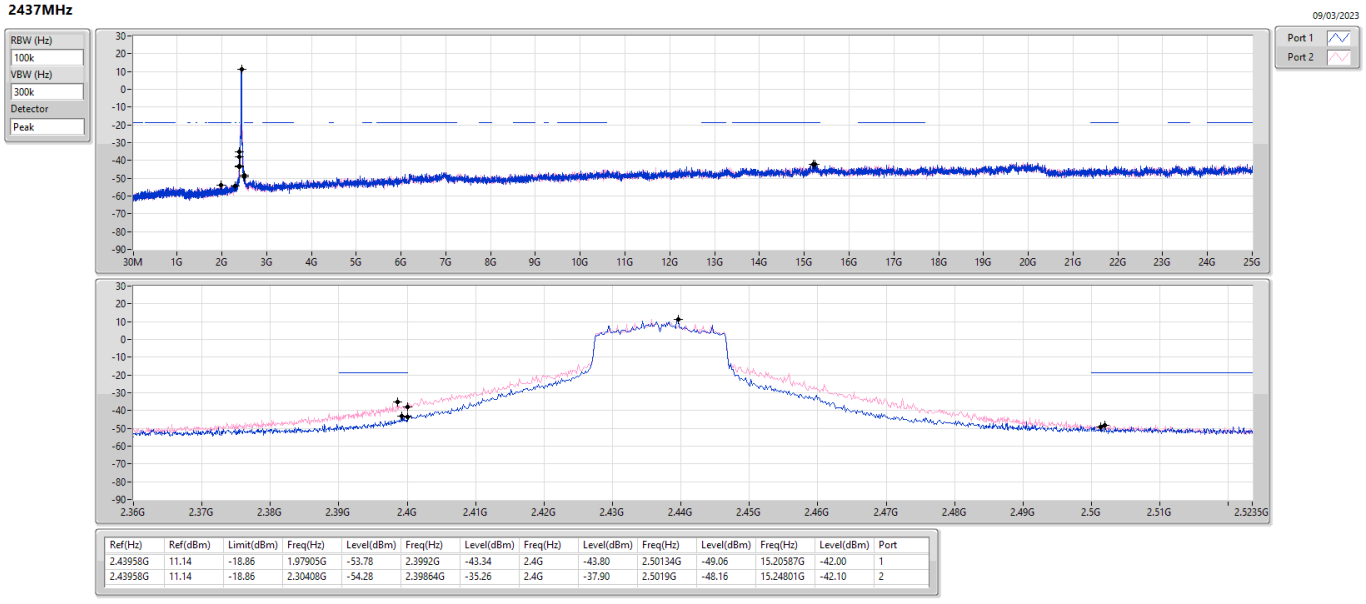
2412MHz



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
2.43958G	11.14	-18.86	2.30175G	-53.77	2.4G	-28.62	2.4G	-29.66	2.5043G	-50.99	15.22834G	-41.98	1
2.43958G	11.14	-18.86	2.30758G	-53.88	2.4G	-31.42	2.4G	-30.55	2.51222G	-51.23	24.01384G	-40.09	2

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

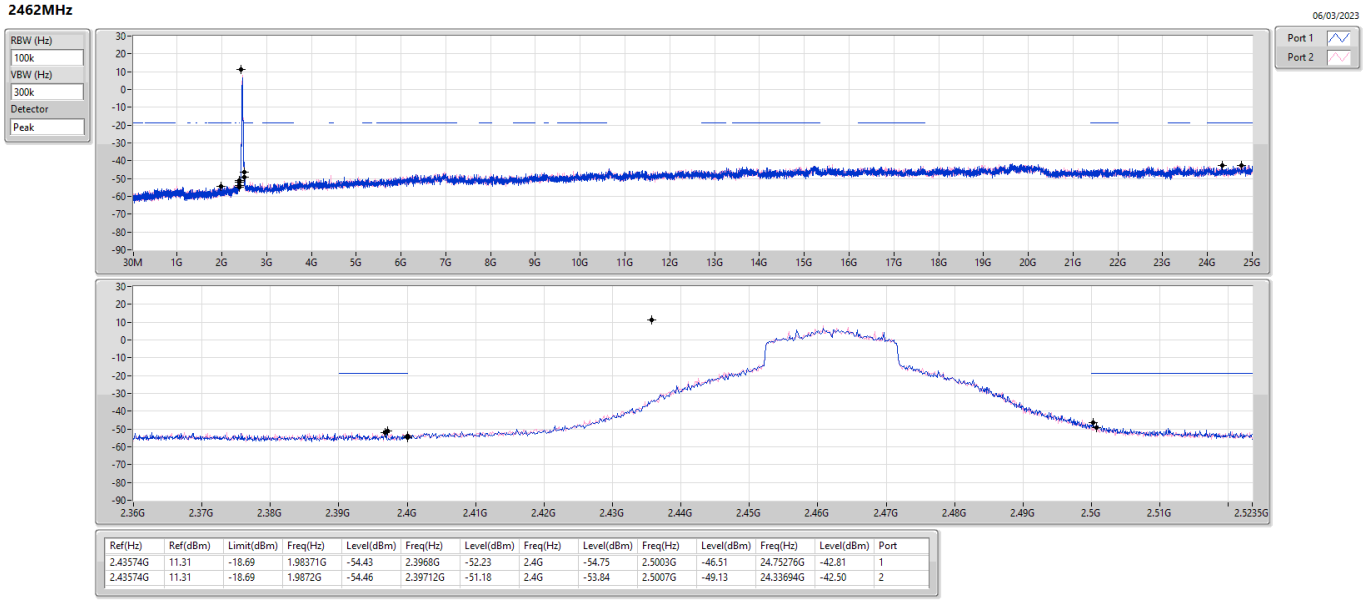
2437MHz



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
2.43958G	11.14	-18.86	1.97905G	-53.78	2.3992G	-43.34	2.4G	-43.80	2.50134G	-49.06	15.20587G	-42.00	1
2.43958G	11.14	-18.86	2.30408G	-54.28	2.39864G	-35.26	2.4G	-37.90	2.5019G	-48.16	15.24801G	-42.10	2

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

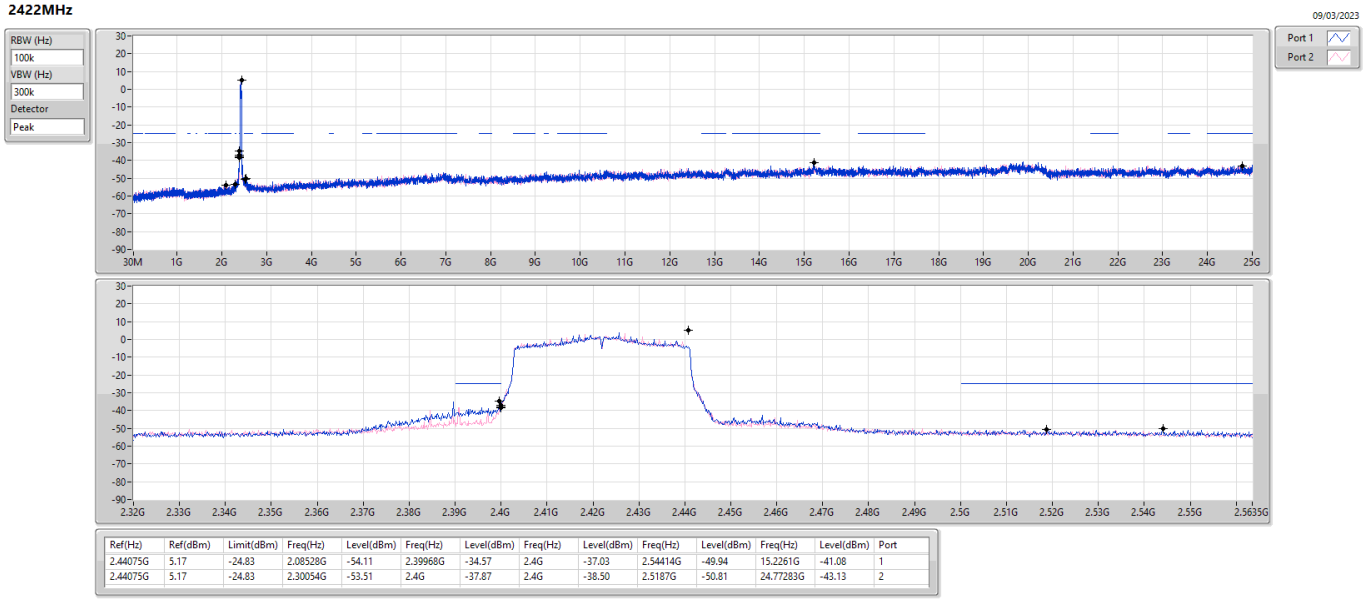
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	11.31	-18.69	1.98371G	-54.43	2.3968G	-52.23	2.4G	-54.75	2.5003G	-46.51	24.75276G	-42.81	1
2.43574G	11.31	-18.69	1.9872G	-54.46	2.39712G	-51.18	2.4G	-53.84	2.5007G	-49.13	24.33694G	-42.50	2

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

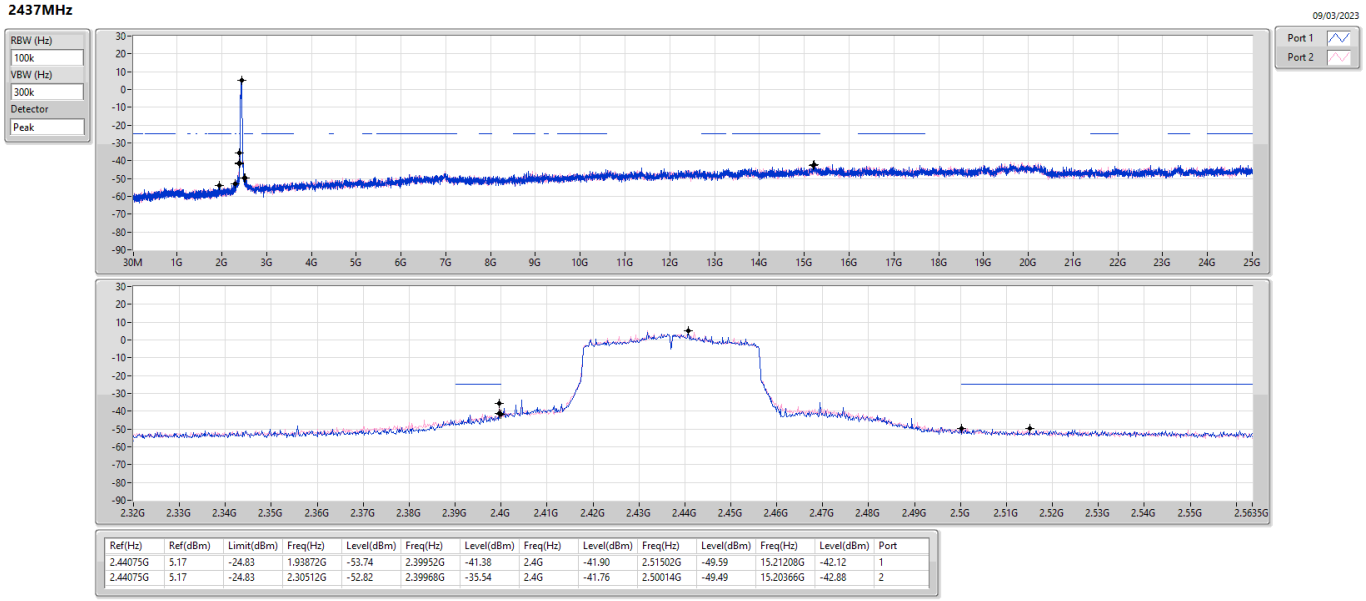
2422MHz



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	5.17	-24.83	2.08528G	-54.11	2.39968G	-34.57	2.4G	-37.03	2.54414G	-49.94	15.2261G	-41.08	1
2.44075G	5.17	-24.83	2.30054G	-53.51	2.4G	-37.87	2.4G	-38.50	2.5187G	-50.81	24.77283G	-43.13	2

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

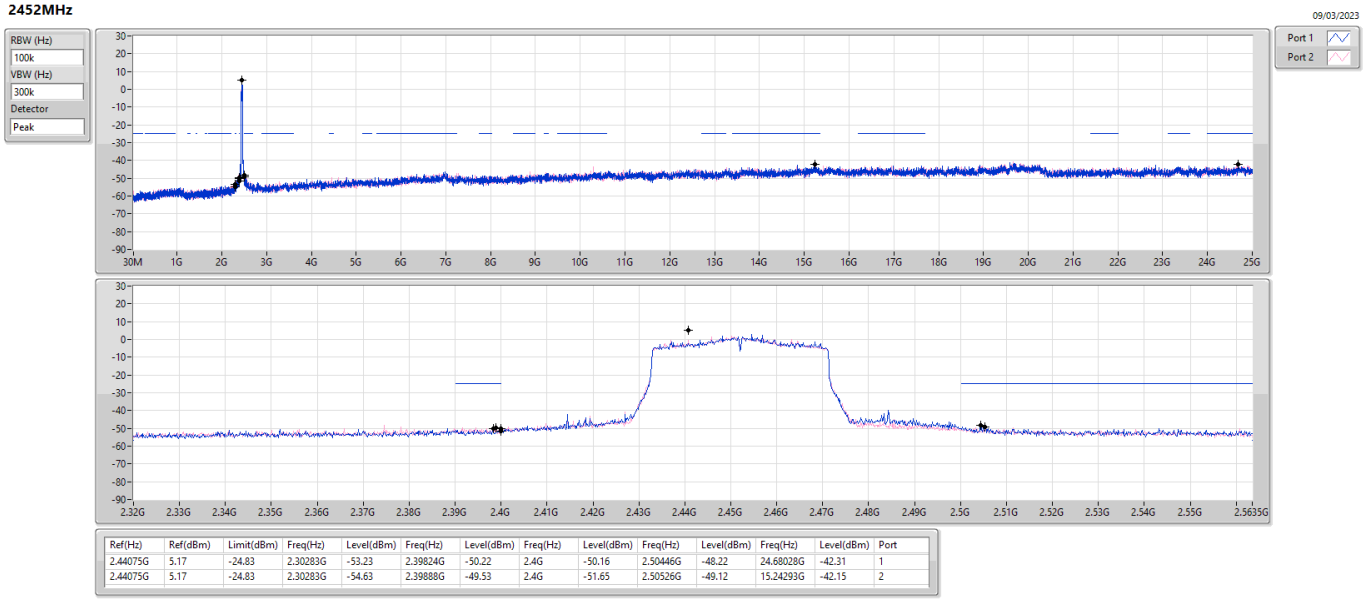
2437MHz



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	5.17	-24.83	1.93872G	-53.74	2.39952G	-41.38	2.4G	-41.90	2.51502G	-49.59	15.21208G	-42.12	1
2.44075G	5.17	-24.83	2.30512G	-52.82	2.39968G	-35.54	2.4G	-41.76	2.50014G	-49.49	15.20366G	-42.88	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	5.17	-24.83	2.30283G	-53.23	2.39824G	-50.22	2.4G	-50.16	2.50446G	-48.22	24.68028G	-42.31	1
2.44075G	5.17	-24.83	2.30283G	-54.63	2.39888G	-49.53	2.4G	-51.65	2.50526G	-49.12	15.24293G	-42.15	2

Summary

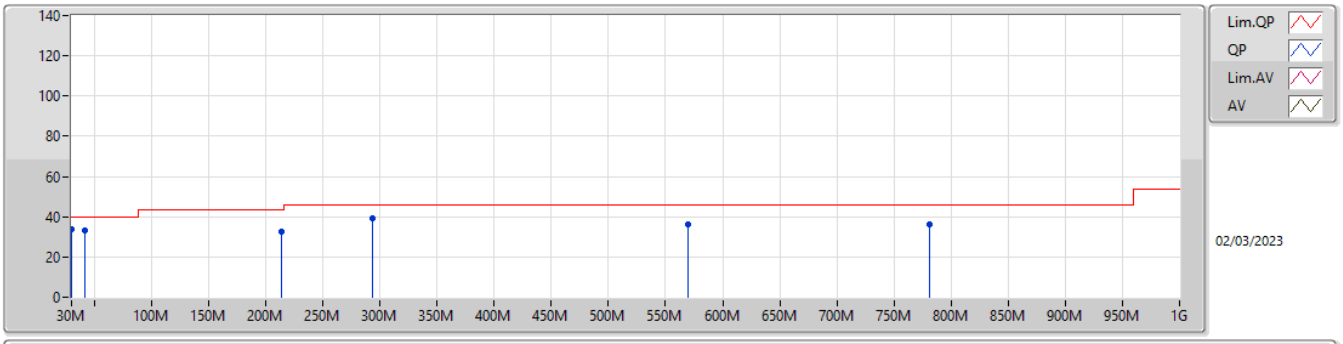
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	313.24M	41.69	46.00	-4.31	3	Horizontal	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	30M	33.76	40.00	-6.24	3	Vertical	0	1.00
2437MHz	Pass	PK	41.64M	33.06	40.00	-6.94	3	Vertical	0	1.00
2437MHz	Pass	PK	214.3M	32.81	43.50	-10.69	3	Vertical	0	1.00
2437MHz	Pass	PK	293.84M	39.15	46.00	-6.85	3	Vertical	0	1.00
2437MHz	Pass	PK	569.32M	36.22	46.00	-9.78	3	Vertical	0	1.00
2437MHz	Pass	PK	780.78M	36.48	46.00	-9.52	3	Vertical	0	1.00
2437MHz	Pass	PK	72.68M	31.61	40.00	-8.39	3	Horizontal	360	1.00
2437MHz	Pass	PK	210.42M	27.17	43.50	-16.33	3	Horizontal	360	1.00
2437MHz	Pass	PK	313.24M	41.69	46.00	-4.31	3	Horizontal	360	1.00
2437MHz	Pass	PK	342.34M	32.47	46.00	-13.53	3	Horizontal	360	1.00
2437MHz	Pass	PK	450.98M	32.12	46.00	-13.88	3	Horizontal	360	1.00
2437MHz	Pass	PK	703.18M	34.58	46.00	-11.42	3	Horizontal	360	1.00

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

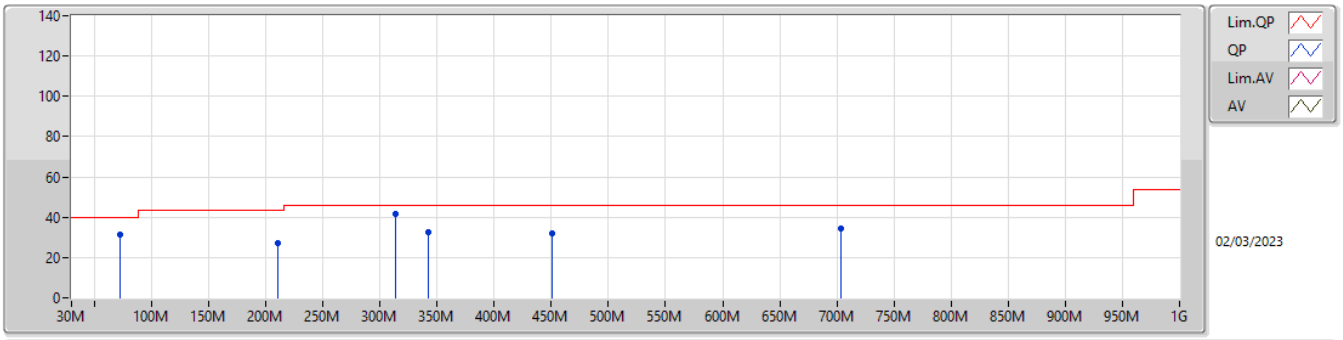
2437MHz_TX



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)
PK	30M	33.76	40.00	-6.24	-12.92	3	Vertical	0	1.00	46.68	23.71	0.57	37.20
PK	41.64M	33.06	40.00	-6.94	-18.72	3	Vertical	0	1.00	51.78	17.72	0.68	37.12
PK	214.3M	32.81	43.50	-10.69	-20.61	3	Vertical	0	1.00	53.42	14.04	1.68	36.33
PK	293.84M	39.15	46.00	-6.85	-16.11	3	Vertical	0	1.00	55.26	18.29	2.02	36.42
PK	569.32M	36.22	46.00	-9.78	-9.04	3	Vertical	0	1.00	45.26	25.11	2.96	37.11
PK	780.78M	36.48	46.00	-9.52	-6.59	3	Vertical	0	1.00	43.07	27.38	3.49	37.46

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)
PK	72.68M	31.61	40.00	-8.39	-24.28	3	Horizontal	360	1.00	55.89	11.74	0.92	36.94
PK	210.42M	27.17	43.50	-16.33	-20.42	3	Horizontal	360	1.00	47.59	14.23	1.66	36.31
PK	313.24M	41.69	46.00	-4.31	-15.85	3	Horizontal	360	1.00	57.54	18.49	2.10	36.44
PK	342.34M	32.47	46.00	-13.53	-15.05	3	Horizontal	360	1.00	47.52	19.26	2.20	36.51
PK	450.98M	32.12	46.00	-13.88	-11.86	3	Horizontal	360	1.00	43.98	22.23	2.57	36.66
PK	703.18M	34.58	46.00	-11.42	-8.27	3	Horizontal	360	1.00	42.85	25.76	3.33	37.36

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	2.4874G	53.78	54.00	-0.22	3	Horizontal	295	1.60
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	53.54	54.00	-0.46	3	Horizontal	55	1.00
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.3898G	53.49	54.00	-0.51	3	Horizontal	34	1.29
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.4838G	53.74	54.00	-0.26	3	Horizontal	49	1.46

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	2.3742G	50.88	54.00	-3.12	3	Vertical	360	1.74
2412MHz	Pass	AV	2.4128G	109.84	Inf	-Inf	3	Vertical	360	1.74
2412MHz	Pass	PK	2.3742G	58.89	74.00	-15.11	3	Vertical	360	1.74
2412MHz	Pass	PK	2.4128G	111.61	Inf	-Inf	3	Vertical	360	1.74
2412MHz	Pass	AV	2.372G	51.45	54.00	-2.55	3	Horizontal	299	1.38
2412MHz	Pass	AV	2.4128G	112.31	Inf	-Inf	3	Horizontal	299	1.38
2412MHz	Pass	PK	2.3724G	59.64	74.00	-14.36	3	Horizontal	299	1.38
2412MHz	Pass	PK	2.4128G	114.52	Inf	-Inf	3	Horizontal	299	1.38
2412MHz	Pass	AV	4.82404G	37.38	54.00	-16.62	3	Vertical	300	1.00
2412MHz	Pass	PK	4.8242G	46.89	74.00	-27.11	3	Vertical	300	1.00
2412MHz	Pass	AV	4.82392G	36.87	54.00	-17.13	3	Horizontal	293	2.08
2412MHz	Pass	PK	4.81552G	46.94	74.00	-27.06	3	Horizontal	293	2.08
2417MHz	Pass	AV	2.383G	49.39	54.00	-4.61	3	Vertical	358	1.19
2417MHz	Pass	AV	2.4178G	110.23	Inf	-Inf	3	Vertical	358	1.19
2417MHz	Pass	PK	2.3882G	58.52	74.00	-15.48	3	Vertical	358	1.19
2417MHz	Pass	PK	2.4178G	111.98	Inf	-Inf	3	Vertical	358	1.19
2417MHz	Pass	AV	2.3682G	49.46	54.00	-4.54	3	Horizontal	295	1.38
2417MHz	Pass	AV	2.4164G	111.76	Inf	-Inf	3	Horizontal	295	1.38
2417MHz	Pass	PK	2.3754G	59.45	74.00	-14.55	3	Horizontal	295	1.38
2417MHz	Pass	PK	2.4162G	113.82	Inf	-Inf	3	Horizontal	295	1.38
2417MHz	Pass	AV	4.83394G	36.75	54.00	-17.25	3	Vertical	309	1.00
2417MHz	Pass	AV	7.25044G	40.06	54.00	-13.94	3	Vertical	339	1.50
2417MHz	Pass	PK	4.834G	46.31	74.00	-27.69	3	Vertical	309	1.00
2417MHz	Pass	PK	7.25003G	51.00	74.00	-23.00	3	Vertical	339	1.50
2417MHz	Pass	AV	4.83396G	35.67	54.00	-18.33	3	Horizontal	225	2.27
2417MHz	Pass	AV	7.25163G	39.84	54.00	-14.16	3	Horizontal	136	1.15
2417MHz	Pass	PK	4.83367G	45.36	74.00	-28.64	3	Horizontal	225	2.27
2417MHz	Pass	PK	7.25186G	50.97	74.00	-23.03	3	Horizontal	136	1.15
2437MHz	Pass	AV	2.3882G	50.88	54.00	-3.12	3	Vertical	4	1.06
2437MHz	Pass	AV	2.4378G	110.58	Inf	-Inf	3	Vertical	4	1.06
2437MHz	Pass	AV	2.4874G	50.50	54.00	-3.50	3	Vertical	4	1.06
2437MHz	Pass	PK	2.3874G	58.16	74.00	-15.84	3	Vertical	4	1.06
2437MHz	Pass	PK	2.4378G	112.43	Inf	-Inf	3	Vertical	4	1.06
2437MHz	Pass	PK	2.4866G	58.91	74.00	-15.09	3	Vertical	4	1.06
2437MHz	Pass	AV	2.3882G	53.20	54.00	-0.80	3	Horizontal	295	1.60
2437MHz	Pass	AV	2.4378G	111.97	Inf	-Inf	3	Horizontal	295	1.60
2437MHz	Pass	AV	2.4874G	53.78	54.00	-0.22	3	Horizontal	295	1.60
2437MHz	Pass	PK	2.3858G	59.25	74.00	-14.75	3	Horizontal	295	1.60
2437MHz	Pass	PK	2.4378G	114.18	Inf	-Inf	3	Horizontal	295	1.60
2437MHz	Pass	PK	2.4874G	60.36	74.00	-13.64	3	Horizontal	295	1.60
2437MHz	Pass	AV	4.874G	37.00	54.00	-17.00	3	Vertical	308	1.00
2437MHz	Pass	AV	7.30988G	41.78	54.00	-12.22	3	Vertical	1	1.50
2437MHz	Pass	PK	4.87384G	46.48	74.00	-27.52	3	Vertical	308	1.00
2437MHz	Pass	PK	7.31G	51.14	74.00	-22.86	3	Vertical	1	1.50
2437MHz	Pass	AV	4.87396G	35.36	54.00	-18.64	3	Horizontal	352	1.94
2437MHz	Pass	AV	7.31212G	40.56	54.00	-13.44	3	Horizontal	304	1.69
2437MHz	Pass	PK	4.86924G	45.90	74.00	-28.10	3	Horizontal	352	1.94
2437MHz	Pass	PK	7.31188G	51.22	74.00	-22.78	3	Horizontal	304	1.69
2457MHz	Pass	AV	2.4564G	109.71	Inf	-Inf	3	Vertical	0	1.75
2457MHz	Pass	AV	2.4974G	51.53	54.00	-2.47	3	Vertical	0	1.75
2457MHz	Pass	PK	2.4578G	111.43	Inf	-Inf	3	Vertical	0	1.75
2457MHz	Pass	PK	2.497G	59.30	74.00	-14.70	3	Vertical	0	1.75
2457MHz	Pass	AV	2.4562G	111.75	Inf	-Inf	3	Horizontal	289	1.12
2457MHz	Pass	AV	2.4966G	49.84	54.00	-4.16	3	Horizontal	289	1.12
2457MHz	Pass	PK	2.4578G	113.66	Inf	-Inf	3	Horizontal	289	1.12
2457MHz	Pass	PK	2.4842G	58.82	74.00	-15.18	3	Horizontal	289	1.12
2457MHz	Pass	AV	4.914G	35.81	54.00	-18.19	3	Vertical	285	1.01
2457MHz	Pass	AV	7.37244G	41.20	54.00	-12.80	3	Vertical	324	2.69
2457MHz	Pass	PK	4.9137G	46.53	74.00	-27.47	3	Vertical	285	1.01
2457MHz	Pass	PK	7.37004G	51.94	74.00	-22.06	3	Vertical	324	2.69

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2457MHz	Pass	AV	4.91412G	35.57	54.00	-18.43	3	Horizontal	352	2.92
2457MHz	Pass	AV	7.3701G	40.91	54.00	-13.09	3	Horizontal	6	2.16
2457MHz	Pass	PK	4.9245G	46.11	74.00	-27.89	3	Horizontal	352	2.92
2457MHz	Pass	PK	7.3704G	51.33	74.00	-22.67	3	Horizontal	6	2.16
2462MHz	Pass	AV	2.4628G	98.40	Inf	-Inf	3	Vertical	222	1.34
2462MHz	Pass	AV	2.4998G	50.45	54.00	-3.55	3	Vertical	222	1.34
2462MHz	Pass	PK	2.4628G	100.17	Inf	-Inf	3	Vertical	222	1.34
2462MHz	Pass	PK	2.5G	58.69	74.00	-15.31	3	Vertical	222	1.34
2462MHz	Pass	AV	2.4628G	101.29	Inf	-Inf	3	Horizontal	33	1.52
2462MHz	Pass	AV	2.4998G	53.69	54.00	-0.31	3	Horizontal	33	1.52
2462MHz	Pass	PK	2.4628G	103.32	Inf	-Inf	3	Horizontal	33	1.52
2462MHz	Pass	PK	2.4908G	60.50	74.00	-13.50	3	Horizontal	33	1.52
2462MHz	Pass	AV	4.924G	35.55	54.00	-18.45	3	Vertical	359	2.96
2462MHz	Pass	AV	7.38486G	40.10	54.00	-13.90	3	Vertical	325	2.57
2462MHz	Pass	PK	4.91716G	46.14	74.00	-27.86	3	Vertical	359	2.96
2462MHz	Pass	PK	7.38684G	50.61	74.00	-23.39	3	Vertical	325	2.57
2462MHz	Pass	AV	4.91944G	35.20	54.00	-18.80	3	Horizontal	110	1.50
2462MHz	Pass	AV	7.38546G	39.77	54.00	-14.23	3	Horizontal	47	2.15
2462MHz	Pass	PK	4.9168G	46.50	74.00	-27.50	3	Horizontal	110	1.50
2462MHz	Pass	PK	7.3878G	50.08	74.00	-23.92	3	Horizontal	47	2.15
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.90	54.00	-3.10	3	Vertical	360	3.00
2412MHz	Pass	AV	2.4108G	104.34	Inf	-Inf	3	Vertical	360	3.00
2412MHz	Pass	PK	2.39G	62.13	74.00	-11.87	3	Vertical	360	3.00
2412MHz	Pass	PK	2.4112G	112.27	Inf	-Inf	3	Vertical	360	3.00
2412MHz	Pass	AV	2.39G	53.54	54.00	-0.46	3	Horizontal	55	1.00
2412MHz	Pass	AV	2.411G	108.59	Inf	-Inf	3	Horizontal	55	1.00
2412MHz	Pass	PK	2.39G	64.23	74.00	-9.77	3	Horizontal	55	1.00
2412MHz	Pass	PK	2.4112G	116.42	Inf	-Inf	3	Horizontal	55	1.00
2412MHz	Pass	AV	4.80924G	34.03	54.00	-19.97	3	Vertical	359	1.50
2412MHz	Pass	PK	4.8141G	45.57	74.00	-28.43	3	Vertical	359	1.50
2412MHz	Pass	AV	4.81086G	34.02	54.00	-19.98	3	Horizontal	292	1.50
2412MHz	Pass	PK	4.81734G	46.17	74.00	-27.83	3	Horizontal	292	1.50
2417MHz	Pass	AV	2.39G	48.19	54.00	-5.81	3	Vertical	226	1.30
2417MHz	Pass	AV	2.4162G	104.44	Inf	-Inf	3	Vertical	226	1.30
2417MHz	Pass	PK	2.3854G	60.35	74.00	-13.65	3	Vertical	226	1.30
2417MHz	Pass	PK	2.4162G	112.35	Inf	-Inf	3	Vertical	226	1.30
2417MHz	Pass	AV	2.3884G	52.45	54.00	-1.55	3	Horizontal	43	1.13
2417MHz	Pass	AV	2.4178G	109.45	Inf	-Inf	3	Horizontal	43	1.13
2417MHz	Pass	PK	2.3888G	64.55	74.00	-9.45	3	Horizontal	43	1.13
2417MHz	Pass	PK	2.4178G	117.18	Inf	-Inf	3	Horizontal	43	1.13
2417MHz	Pass	AV	4.833G	33.39	54.00	-20.61	3	Vertical	237	2.76
2417MHz	Pass	AV	7.25015G	38.66	54.00	-15.34	3	Vertical	2	2.28
2417MHz	Pass	PK	4.83451G	45.04	74.00	-28.96	3	Vertical	237	2.76
2417MHz	Pass	PK	7.25152G	50.93	74.00	-23.07	3	Vertical	2	2.28
2417MHz	Pass	AV	4.83302G	33.50	54.00	-20.50	3	Horizontal	76	1.30
2417MHz	Pass	AV	7.25009G	38.79	54.00	-15.21	3	Horizontal	6	2.30
2417MHz	Pass	PK	4.83344G	45.40	74.00	-28.60	3	Horizontal	76	1.30
2417MHz	Pass	PK	7.2502G	50.29	74.00	-23.71	3	Horizontal	6	2.30
2437MHz	Pass	AV	2.3898G	47.53	54.00	-6.47	3	Vertical	0	2.78
2437MHz	Pass	AV	2.4362G	107.19	Inf	-Inf	3	Vertical	0	2.78
2437MHz	Pass	AV	2.4854G	47.93	54.00	-6.07	3	Vertical	0	2.78
2437MHz	Pass	PK	2.3854G	58.50	74.00	-15.50	3	Vertical	0	2.78
2437MHz	Pass	PK	2.4362G	114.84	Inf	-Inf	3	Vertical	0	2.78
2437MHz	Pass	PK	2.4854G	59.84	74.00	-14.16	3	Vertical	0	2.78
2437MHz	Pass	AV	2.3898G	50.85	54.00	-3.15	3	Horizontal	54	1.40
2437MHz	Pass	AV	2.4354G	109.06	Inf	-Inf	3	Horizontal	54	1.40
2437MHz	Pass	AV	2.4854G	48.98	54.00	-5.02	3	Horizontal	54	1.40
2437MHz	Pass	PK	2.3894G	62.03	74.00	-11.97	3	Horizontal	54	1.40
2437MHz	Pass	PK	2.435G	117.62	Inf	-Inf	3	Horizontal	54	1.40
2437MHz	Pass	PK	2.4842G	60.53	74.00	-13.47	3	Horizontal	54	1.40
2437MHz	Pass	AV	4.85954G	33.78	54.00	-20.22	3	Vertical	132	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	AV	7.31118G	39.00	54.00	-15.00	3	Vertical	360	1.50
2437MHz	Pass	PK	4.86452G	45.60	74.00	-28.40	3	Vertical	132	1.50
2437MHz	Pass	PK	7.29798G	51.26	74.00	-22.74	3	Vertical	360	1.50
2437MHz	Pass	AV	4.86932G	33.83	54.00	-20.17	3	Horizontal	360	1.50
2437MHz	Pass	AV	7.30602G	38.69	54.00	-15.31	3	Horizontal	293	1.50
2437MHz	Pass	PK	4.86152G	46.28	74.00	-27.72	3	Horizontal	360	1.50
2437MHz	Pass	PK	7.29798G	50.88	74.00	-23.12	3	Horizontal	293	1.50
2457MHz	Pass	AV	2.4562G	106.34	Inf	-Inf	3	Vertical	1	2.73
2457MHz	Pass	AV	2.485G	50.16	54.00	-3.84	3	Vertical	1	2.73
2457MHz	Pass	PK	2.4562G	114.24	Inf	-Inf	3	Vertical	1	2.73
2457MHz	Pass	PK	2.484G	62.05	74.00	-11.95	3	Vertical	1	2.73
2457MHz	Pass	AV	2.4556G	109.06	Inf	-Inf	3	Horizontal	38	1.00
2457MHz	Pass	AV	2.4846G	53.44	54.00	-0.56	3	Horizontal	38	1.00
2457MHz	Pass	PK	2.4558G	117.45	Inf	-Inf	3	Horizontal	38	1.00
2457MHz	Pass	PK	2.4836G	64.56	74.00	-9.44	3	Horizontal	38	1.00
2457MHz	Pass	AV	4.91506G	33.98	54.00	-20.02	3	Vertical	353	1.96
2457MHz	Pass	AV	7.36732G	38.63	54.00	-15.37	3	Vertical	77	2.16
2457MHz	Pass	PK	4.91016G	45.70	74.00	-28.30	3	Vertical	353	1.96
2457MHz	Pass	PK	7.36628G	50.19	74.00	-23.81	3	Vertical	77	2.16
2457MHz	Pass	AV	4.91778G	33.96	54.00	-20.04	3	Horizontal	281	2.59
2457MHz	Pass	AV	7.36602G	38.53	54.00	-15.47	3	Horizontal	43	2.73
2457MHz	Pass	PK	4.91682G	45.12	74.00	-28.88	3	Horizontal	281	2.59
2457MHz	Pass	PK	7.36984G	50.44	74.00	-23.56	3	Horizontal	43	2.73
2462MHz	Pass	AV	2.4632G	105.07	Inf	-Inf	3	Vertical	0	2.90
2462MHz	Pass	AV	2.4838G	52.44	54.00	-1.56	3	Vertical	0	2.90
2462MHz	Pass	PK	2.4632G	113.06	Inf	-Inf	3	Vertical	0	2.90
2462MHz	Pass	PK	2.4848G	64.53	74.00	-9.47	3	Vertical	0	2.90
2462MHz	Pass	AV	2.4596G	105.14	Inf	-Inf	3	Horizontal	292	1.54
2462MHz	Pass	AV	2.4835G	52.65	54.00	-1.35	3	Horizontal	292	1.54
2462MHz	Pass	PK	2.4596G	113.37	Inf	-Inf	3	Horizontal	292	1.54
2462MHz	Pass	PK	2.4858G	67.48	74.00	-6.52	3	Horizontal	292	1.54
2462MHz	Pass	AV	4.92094G	34.09	54.00	-19.91	3	Vertical	39	2.43
2462MHz	Pass	AV	7.3722G	38.33	54.00	-15.67	3	Vertical	227	1.50
2462MHz	Pass	PK	4.92178G	46.51	74.00	-27.49	3	Vertical	39	2.43
2462MHz	Pass	PK	7.37166G	51.20	74.00	-22.80	3	Vertical	227	1.50
2462MHz	Pass	AV	4.91974G	34.02	54.00	-19.98	3	Horizontal	328	3.00
2462MHz	Pass	AV	7.37154G	38.36	54.00	-15.64	3	Horizontal	66	1.50
2462MHz	Pass	PK	4.91254G	46.06	74.00	-27.94	3	Horizontal	328	3.00
2462MHz	Pass	PK	7.37958G	50.67	74.00	-23.33	3	Horizontal	66	1.50
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.91	54.00	-5.09	3	Vertical	224	1.28
2412MHz	Pass	AV	2.4112G	102.32	Inf	-Inf	3	Vertical	224	1.28
2412MHz	Pass	PK	2.3898G	60.67	74.00	-13.33	3	Vertical	224	1.28
2412MHz	Pass	PK	2.4112G	113.25	Inf	-Inf	3	Vertical	224	1.28
2412MHz	Pass	AV	2.3898G	52.42	54.00	-1.58	3	Horizontal	299	1.00
2412MHz	Pass	AV	2.4092G	103.41	Inf	-Inf	3	Horizontal	299	1.00
2412MHz	Pass	PK	2.3888G	65.10	74.00	-8.90	3	Horizontal	299	1.00
2412MHz	Pass	PK	2.4094G	115.13	Inf	-Inf	3	Horizontal	299	1.00
2412MHz	Pass	AV	4.81404G	34.16	54.00	-19.84	3	Vertical	36	1.50
2412MHz	Pass	PK	4.82022G	45.88	74.00	-28.12	3	Vertical	36	1.50
2412MHz	Pass	AV	4.80936G	34.32	54.00	-19.68	3	Horizontal	273	1.50
2412MHz	Pass	PK	4.81332G	45.68	74.00	-28.32	3	Horizontal	273	1.50
2417MHz	Pass	AV	2.3876G	48.37	54.00	-5.63	3	Vertical	225	1.29
2417MHz	Pass	AV	2.416G	103.61	Inf	-Inf	3	Vertical	225	1.29
2417MHz	Pass	PK	2.389G	60.93	74.00	-13.07	3	Vertical	225	1.29
2417MHz	Pass	PK	2.4152G	114.90	Inf	-Inf	3	Vertical	225	1.29
2417MHz	Pass	AV	2.3898G	53.49	54.00	-0.51	3	Horizontal	34	1.29
2417MHz	Pass	AV	2.4178G	108.41	Inf	-Inf	3	Horizontal	34	1.29
2417MHz	Pass	PK	2.39G	67.00	74.00	-7.00	3	Horizontal	34	1.29
2417MHz	Pass	PK	2.418G	119.58	Inf	-Inf	3	Horizontal	34	1.29
2417MHz	Pass	AV	4.82934G	34.18	54.00	-19.82	3	Vertical	19	1.17
2417MHz	Pass	AV	7.25129G	38.92	54.00	-15.08	3	Vertical	10	1.03

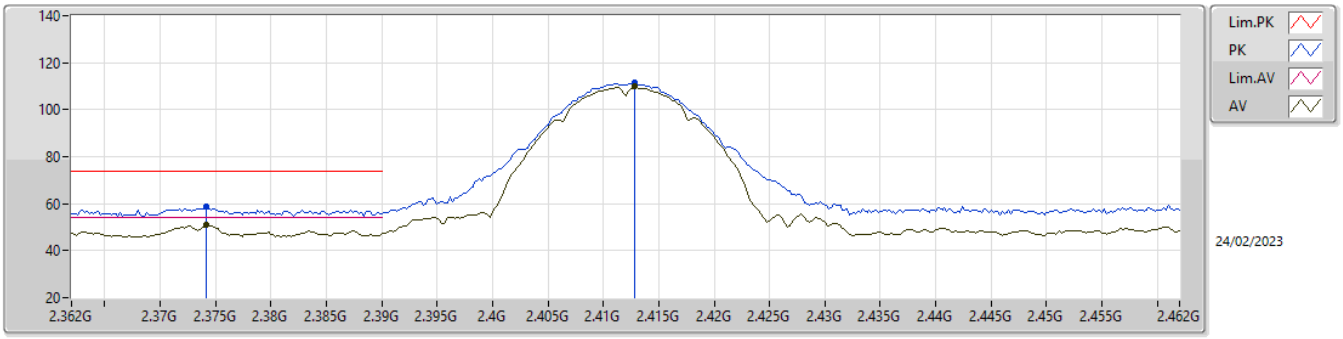
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2417MHz	Pass	PK	4.83024G	44.99	74.00	-29.01	3	Vertical	19	1.17
2417MHz	Pass	PK	7.25188G	51.11	74.00	-22.89	3	Vertical	10	1.03
2417MHz	Pass	AV	4.83319G	33.90	54.00	-20.10	3	Horizontal	228	1.85
2417MHz	Pass	AV	7.25036G	38.84	54.00	-15.16	3	Horizontal	309	1.72
2417MHz	Pass	PK	4.83408G	44.87	74.00	-29.13	3	Horizontal	228	1.85
2417MHz	Pass	PK	7.25062G	50.35	74.00	-23.65	3	Horizontal	309	1.72
2437MHz	Pass	AV	2.3894G	46.99	54.00	-7.01	3	Vertical	217	1.18
2437MHz	Pass	AV	2.4362G	103.88	Inf	-Inf	3	Vertical	217	1.18
2437MHz	Pass	AV	2.4866G	46.93	54.00	-7.07	3	Vertical	217	1.18
2437MHz	Pass	PK	2.3882G	60.54	74.00	-13.46	3	Vertical	217	1.18
2437MHz	Pass	PK	2.4358G	115.03	Inf	-Inf	3	Vertical	217	1.18
2437MHz	Pass	PK	2.487G	60.66	74.00	-13.34	3	Vertical	217	1.18
2437MHz	Pass	AV	2.3862G	50.65	54.00	-3.35	3	Horizontal	55	1.09
2437MHz	Pass	AV	2.435G	108.29	Inf	-Inf	3	Horizontal	55	1.09
2437MHz	Pass	AV	2.4842G	51.99	54.00	-2.01	3	Horizontal	55	1.09
2437MHz	Pass	PK	2.3894G	70.68	74.00	-3.32	3	Horizontal	55	1.09
2437MHz	Pass	PK	2.4342G	119.29	Inf	-Inf	3	Horizontal	55	1.09
2437MHz	Pass	PK	2.4838G	70.20	74.00	-3.80	3	Horizontal	55	1.09
2437MHz	Pass	AV	4.86626G	33.98	54.00	-20.02	3	Vertical	15	1.50
2437MHz	Pass	AV	7.30842G	38.88	54.00	-15.12	3	Vertical	282	1.50
2437MHz	Pass	PK	4.87376G	46.21	74.00	-27.79	3	Vertical	15	1.50
2437MHz	Pass	PK	7.30494G	50.86	74.00	-23.14	3	Vertical	282	1.50
2437MHz	Pass	AV	4.8602G	33.94	54.00	-20.06	3	Horizontal	148	1.50
2437MHz	Pass	AV	7.3206G	38.82	54.00	-15.18	3	Horizontal	222	1.50
2437MHz	Pass	PK	4.87514G	45.71	74.00	-28.29	3	Horizontal	148	1.50
2437MHz	Pass	PK	7.30878G	50.87	74.00	-23.13	3	Horizontal	222	1.50
2457MHz	Pass	AV	2.4562G	103.06	Inf	-Inf	3	Vertical	224	1.46
2457MHz	Pass	AV	2.4842G	49.78	54.00	-4.22	3	Vertical	224	1.46
2457MHz	Pass	PK	2.4558G	114.61	Inf	-Inf	3	Vertical	224	1.46
2457MHz	Pass	PK	2.4838G	63.06	74.00	-10.94	3	Vertical	224	1.46
2457MHz	Pass	AV	2.458G	107.89	Inf	-Inf	3	Horizontal	35	1.50
2457MHz	Pass	AV	2.4862G	52.33	54.00	-1.67	3	Horizontal	35	1.50
2457MHz	Pass	PK	2.4574G	118.64	Inf	-Inf	3	Horizontal	35	1.50
2457MHz	Pass	PK	2.4858G	65.76	74.00	-8.24	3	Horizontal	35	1.50
2457MHz	Pass	AV	4.91476G	34.21	54.00	-19.79	3	Vertical	41	2.59
2457MHz	Pass	AV	7.36948G	38.59	54.00	-15.41	3	Vertical	14	2.77
2457MHz	Pass	PK	4.91536G	45.88	74.00	-28.12	3	Vertical	41	2.59
2457MHz	Pass	PK	7.36602G	50.42	74.00	-23.58	3	Vertical	14	2.77
2457MHz	Pass	AV	4.90926G	34.29	54.00	-19.71	3	Horizontal	149	1.98
2457MHz	Pass	AV	7.37044G	38.68	54.00	-15.32	3	Horizontal	177	2.50
2457MHz	Pass	PK	4.91342G	45.51	74.00	-28.49	3	Horizontal	149	1.98
2457MHz	Pass	PK	7.3713G	50.53	74.00	-23.47	3	Horizontal	177	2.50
2462MHz	Pass	AV	2.461G	100.92	Inf	-Inf	3	Vertical	222	1.47
2462MHz	Pass	AV	2.4835G	49.09	54.00	-4.91	3	Vertical	222	1.47
2462MHz	Pass	PK	2.4602G	111.91	Inf	-Inf	3	Vertical	222	1.47
2462MHz	Pass	PK	2.4846G	61.22	74.00	-12.78	3	Vertical	222	1.47
2462MHz	Pass	AV	2.463G	106.52	Inf	-Inf	3	Horizontal	37	1.13
2462MHz	Pass	AV	2.484G	51.84	54.00	-2.16	3	Horizontal	37	1.13
2462MHz	Pass	PK	2.4624G	117.36	Inf	-Inf	3	Horizontal	37	1.13
2462MHz	Pass	PK	2.485G	63.61	74.00	-10.39	3	Horizontal	37	1.13
2462MHz	Pass	AV	4.92382G	34.21	54.00	-19.79	3	Vertical	17	2.04
2462MHz	Pass	AV	7.3746G	38.46	54.00	-15.54	3	Vertical	1	1.50
2462MHz	Pass	PK	4.9279G	47.00	74.00	-27.00	3	Vertical	17	2.04
2462MHz	Pass	PK	7.37238G	50.65	74.00	-23.35	3	Vertical	1	1.50
2462MHz	Pass	AV	4.92442G	34.25	54.00	-19.75	3	Horizontal	299	2.35
2462MHz	Pass	AV	7.37154G	38.54	54.00	-15.46	3	Horizontal	321	2.76
2462MHz	Pass	PK	4.93378G	46.13	74.00	-27.87	3	Horizontal	299	2.35
2462MHz	Pass	PK	7.38162G	50.00	74.00	-24.00	3	Horizontal	321	2.76
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	49.70	54.00	-4.30	3	Vertical	360	1.17
2422MHz	Pass	AV	2.4212G	99.02	Inf	-Inf	3	Vertical	360	1.17
2422MHz	Pass	AV	2.4864G	46.21	54.00	-7.79	3	Vertical	360	1.17

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2422MHz	Pass	PK	2.3892G	62.68	74.00	-11.32	3	Vertical	360	1.17
2422MHz	Pass	PK	2.4216G	109.15	Inf	-Inf	3	Vertical	360	1.17
2422MHz	Pass	PK	2.492G	58.80	74.00	-15.20	3	Vertical	360	1.17
2422MHz	Pass	AV	2.3876G	53.62	54.00	-0.38	3	Horizontal	50	1.14
2422MHz	Pass	AV	2.4192G	102.42	Inf	-Inf	3	Horizontal	50	1.14
2422MHz	Pass	AV	2.4844G	46.67	54.00	-7.33	3	Horizontal	50	1.14
2422MHz	Pass	PK	2.3868G	68.40	74.00	-5.60	3	Horizontal	50	1.14
2422MHz	Pass	PK	2.418G	112.94	Inf	-Inf	3	Horizontal	50	1.14
2422MHz	Pass	PK	2.49G	58.20	74.00	-15.80	3	Horizontal	50	1.14
2422MHz	Pass	AV	4.84568G	34.09	54.00	-19.91	3	Vertical	123	2.13
2422MHz	Pass	PK	4.85948G	46.58	74.00	-27.42	3	Vertical	123	2.13
2422MHz	Pass	PK	7.26912G	51.64	74.00	-22.36	3	Vertical	34	1.50
2422MHz	Pass	AV	4.84424G	34.11	54.00	-19.89	3	Horizontal	93	1.96
2422MHz	Pass	PK	4.85744G	45.88	74.00	-28.12	3	Horizontal	93	1.96
2422MHz	Pass	PK	7.26144G	50.64	74.00	-23.36	3	Horizontal	46	1.50
2427MHz	Pass	AV	2.3878G	49.17	54.00	-4.83	3	Vertical	360	1.16
2427MHz	Pass	AV	2.4262G	100.00	Inf	-Inf	3	Vertical	360	1.16
2427MHz	Pass	AV	2.4874G	46.33	54.00	-7.67	3	Vertical	360	1.16
2427MHz	Pass	PK	2.3866G	60.98	74.00	-13.02	3	Vertical	360	1.16
2427MHz	Pass	PK	2.4278G	110.87	Inf	-Inf	3	Vertical	360	1.16
2427MHz	Pass	PK	2.4974G	57.97	74.00	-16.03	3	Vertical	360	1.16
2427MHz	Pass	AV	2.3898G	52.98	54.00	-1.02	3	Horizontal	40	1.00
2427MHz	Pass	AV	2.4242G	102.96	Inf	-Inf	3	Horizontal	40	1.00
2427MHz	Pass	AV	2.485G	48.36	54.00	-5.64	3	Horizontal	40	1.00
2427MHz	Pass	PK	2.3866G	64.21	74.00	-9.79	3	Horizontal	40	1.00
2427MHz	Pass	PK	2.4254G	113.55	Inf	-Inf	3	Horizontal	40	1.00
2427MHz	Pass	PK	2.485G	59.97	74.00	-14.03	3	Horizontal	40	1.00
2427MHz	Pass	AV	4.85514G	34.07	54.00	-19.93	3	Vertical	357	2.49
2427MHz	Pass	AV	7.27944G	38.66	54.00	-15.34	3	Vertical	295	2.14
2427MHz	Pass	PK	4.85138G	44.89	74.00	-29.11	3	Vertical	357	2.49
2427MHz	Pass	PK	7.27746G	50.07	74.00	-23.93	3	Vertical	295	2.14
2427MHz	Pass	AV	4.85476G	34.04	54.00	-19.96	3	Horizontal	344	1.57
2427MHz	Pass	AV	7.2772G	38.65	54.00	-15.35	3	Horizontal	242	2.78
2427MHz	Pass	PK	4.85826G	45.60	74.00	-28.40	3	Horizontal	344	1.57
2427MHz	Pass	PK	7.28114G	49.86	74.00	-24.14	3	Horizontal	242	2.78
2437MHz	Pass	AV	2.3898G	50.31	54.00	-3.69	3	Vertical	0	3.00
2437MHz	Pass	AV	2.439G	100.44	Inf	-Inf	3	Vertical	0	3.00
2437MHz	Pass	AV	2.4835G	50.06	54.00	-3.94	3	Vertical	0	3.00
2437MHz	Pass	PK	2.3898G	63.49	74.00	-10.51	3	Vertical	0	3.00
2437MHz	Pass	PK	2.4398G	111.11	Inf	-Inf	3	Vertical	0	3.00
2437MHz	Pass	PK	2.4894G	60.79	74.00	-13.21	3	Vertical	0	3.00
2437MHz	Pass	AV	2.389G	52.36	54.00	-1.64	3	Horizontal	50	1.40
2437MHz	Pass	AV	2.4382G	104.22	Inf	-Inf	3	Horizontal	50	1.40
2437MHz	Pass	AV	2.4874G	50.56	54.00	-3.44	3	Horizontal	50	1.40
2437MHz	Pass	PK	2.3878G	64.66	74.00	-9.34	3	Horizontal	50	1.40
2437MHz	Pass	PK	2.4386G	114.23	Inf	-Inf	3	Horizontal	50	1.40
2437MHz	Pass	PK	2.4874G	62.89	74.00	-11.11	3	Horizontal	50	1.40
2437MHz	Pass	AV	4.87516G	34.01	54.00	-19.99	3	Vertical	0	1.50
2437MHz	Pass	AV	7.30752G	38.87	54.00	-15.13	3	Vertical	234	2.29
2437MHz	Pass	PK	4.89668G	45.64	74.00	-28.36	3	Vertical	0	1.50
2437MHz	Pass	PK	7.32792G	50.47	74.00	-23.53	3	Vertical	234	2.29
2437MHz	Pass	AV	4.85468G	34.06	54.00	-19.94	3	Horizontal	17	1.68
2437MHz	Pass	AV	7.308G	39.02	54.00	-14.98	3	Horizontal	1	1.54
2437MHz	Pass	PK	4.87292G	45.79	74.00	-28.21	3	Horizontal	17	1.68
2437MHz	Pass	PK	7.28544G	50.49	74.00	-23.51	3	Horizontal	1	1.54
2447MHz	Pass	AV	2.3826G	46.03	54.00	-7.97	3	Vertical	360	2.94
2447MHz	Pass	AV	2.4446G	99.85	Inf	-Inf	3	Vertical	360	2.94
2447MHz	Pass	AV	2.4866G	50.55	54.00	-3.45	3	Vertical	360	2.94
2447MHz	Pass	PK	2.3882G	57.10	74.00	-16.90	3	Vertical	360	2.94
2447MHz	Pass	PK	2.4446G	111.10	Inf	-Inf	3	Vertical	360	2.94
2447MHz	Pass	PK	2.487G	63.07	74.00	-10.93	3	Vertical	360	2.94
2447MHz	Pass	AV	2.3898G	47.47	54.00	-6.53	3	Horizontal	49	1.46

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2447MHz	Pass	AV	2.4434G	102.84	Inf	-Inf	3	Horizontal	49	1.46
2447MHz	Pass	AV	2.4838G	53.74	54.00	-0.26	3	Horizontal	49	1.46
2447MHz	Pass	PK	2.3898G	58.32	74.00	-15.68	3	Horizontal	49	1.46
2447MHz	Pass	PK	2.4438G	113.09	Inf	-Inf	3	Horizontal	49	1.46
2447MHz	Pass	PK	2.4846G	64.58	74.00	-9.42	3	Horizontal	49	1.46
2447MHz	Pass	AV	4.89586G	33.92	54.00	-20.08	3	Vertical	267	1.50
2447MHz	Pass	AV	7.34596G	38.74	54.00	-15.26	3	Vertical	185	1.50
2447MHz	Pass	PK	4.89572G	45.25	74.00	-28.75	3	Vertical	267	1.50
2447MHz	Pass	PK	7.34458G	50.54	74.00	-23.46	3	Vertical	185	1.50
2447MHz	Pass	AV	4.89834G	33.78	54.00	-20.22	3	Horizontal	156	2.30
2447MHz	Pass	AV	7.33628G	38.64	54.00	-15.36	3	Horizontal	105	1.50
2447MHz	Pass	PK	4.89368G	45.37	74.00	-28.63	3	Horizontal	156	2.30
2447MHz	Pass	PK	7.33786G	50.65	74.00	-23.35	3	Horizontal	105	1.50
2452MHz	Pass	AV	2.3824G	45.37	54.00	-8.63	3	Vertical	0	2.96
2452MHz	Pass	AV	2.454G	99.19	Inf	-Inf	3	Vertical	0	2.96
2452MHz	Pass	AV	2.486G	50.27	54.00	-3.73	3	Vertical	0	2.96
2452MHz	Pass	PK	2.388G	57.15	74.00	-16.85	3	Vertical	0	2.96
2452MHz	Pass	PK	2.4544G	109.90	Inf	-Inf	3	Vertical	0	2.96
2452MHz	Pass	PK	2.4856G	62.03	74.00	-11.97	3	Vertical	0	2.96
2452MHz	Pass	AV	2.3828G	46.04	54.00	-7.96	3	Horizontal	48	1.00
2452MHz	Pass	AV	2.4532G	102.08	Inf	-Inf	3	Horizontal	48	1.00
2452MHz	Pass	AV	2.4848G	53.08	54.00	-0.92	3	Horizontal	48	1.00
2452MHz	Pass	PK	2.3692G	57.62	74.00	-16.38	3	Horizontal	48	1.00
2452MHz	Pass	PK	2.4536G	112.96	Inf	-Inf	3	Horizontal	48	1.00
2452MHz	Pass	PK	2.4864G	65.00	74.00	-9.00	3	Horizontal	48	1.00
2452MHz	Pass	AV	4.9238G	34.17	54.00	-19.83	3	Vertical	234	1.50
2452MHz	Pass	AV	7.36284G	38.70	54.00	-15.30	3	Vertical	20	1.50
2452MHz	Pass	PK	4.92572G	45.87	74.00	-28.13	3	Vertical	234	1.50
2452MHz	Pass	PK	7.33368G	50.47	74.00	-23.53	3	Vertical	20	1.50
2452MHz	Pass	AV	4.92272G	34.12	54.00	-19.88	3	Horizontal	328	1.50
2452MHz	Pass	AV	7.32852G	38.78	54.00	-15.22	3	Horizontal	65	1.50
2452MHz	Pass	PK	4.9166G	46.12	74.00	-27.88	3	Horizontal	328	1.50
2452MHz	Pass	PK	7.36428G	51.27	74.00	-22.73	3	Horizontal	65	1.50

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

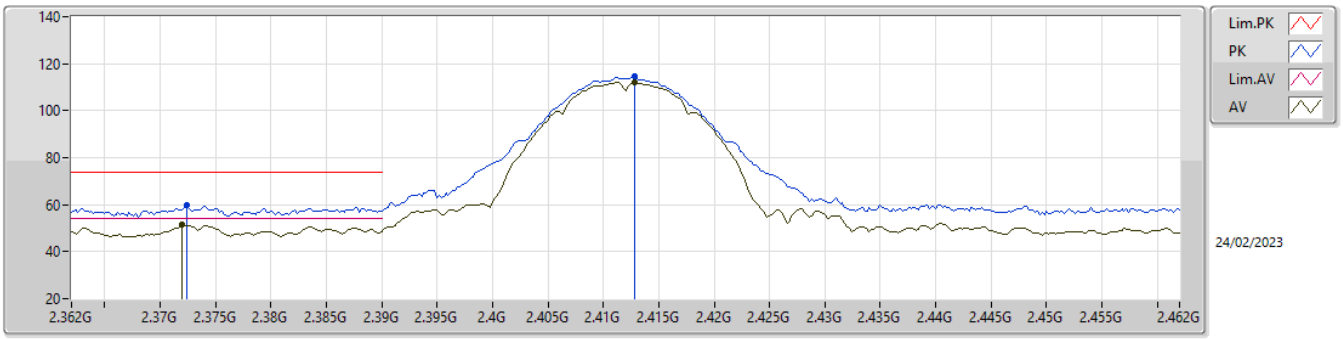
2412MHz_TX



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	2.3742G	50.88	54.00	-3.12	31.50	3	Vertical	360	1.74	19.38	27.35	4.15	-
AV	2.4128G	109.84	Inf	-Inf	31.63	3	Vertical	360	1.74	78.21	27.45	4.18	-
PK	2.3742G	58.89	74.00	-15.11	31.50	3	Vertical	360	1.74	27.39	27.35	4.15	-
PK	2.4128G	111.61	Inf	-Inf	31.63	3	Vertical	360	1.74	79.98	27.45	4.18	-

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

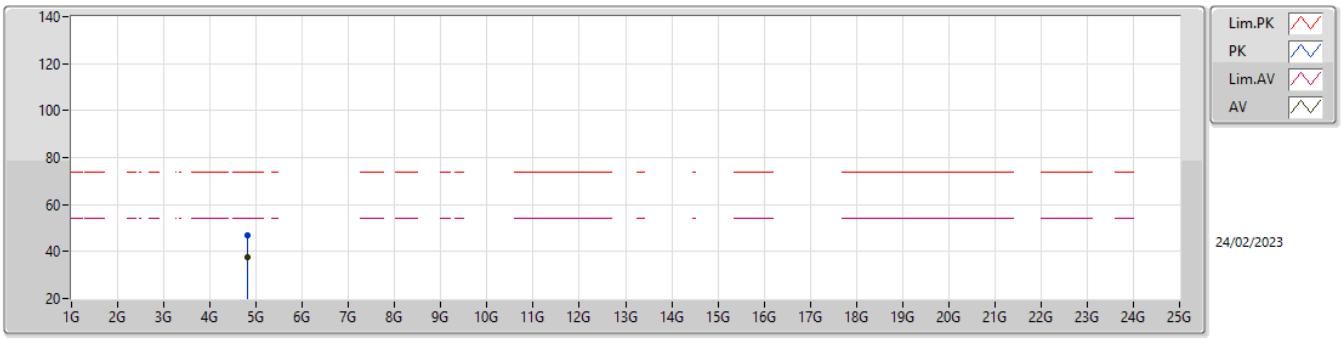
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.372G	51.45	54.00	-2.55	31.48	3	Horizontal	299	1.38	19.97	27.34	4.14	-
AV	2.4128G	112.31	Inf	-Inf	31.63	3	Horizontal	299	1.38	80.68	27.45	4.18	-
PK	2.3724G	59.64	74.00	-14.36	31.48	3	Horizontal	299	1.38	28.16	27.34	4.14	-
PK	2.4128G	114.52	Inf	-Inf	31.63	3	Horizontal	299	1.38	82.89	27.45	4.18	-

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

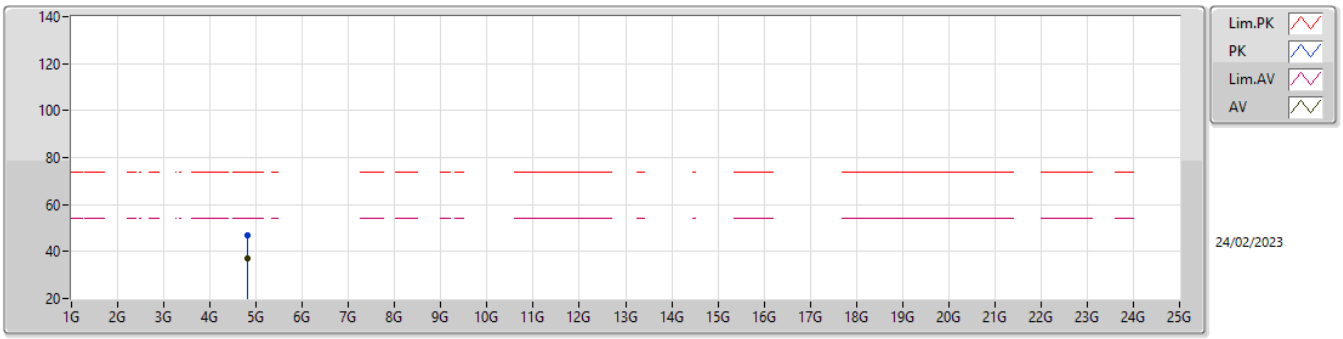
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.82404G	37.38	54.00	-16.62	3.37	3	Vertical	300	1.00	34.01	32.34	5.68	34.65
PK	4.8242G	46.89	74.00	-27.11	3.38	3	Vertical	300	1.00	43.51	32.35	5.68	34.65

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

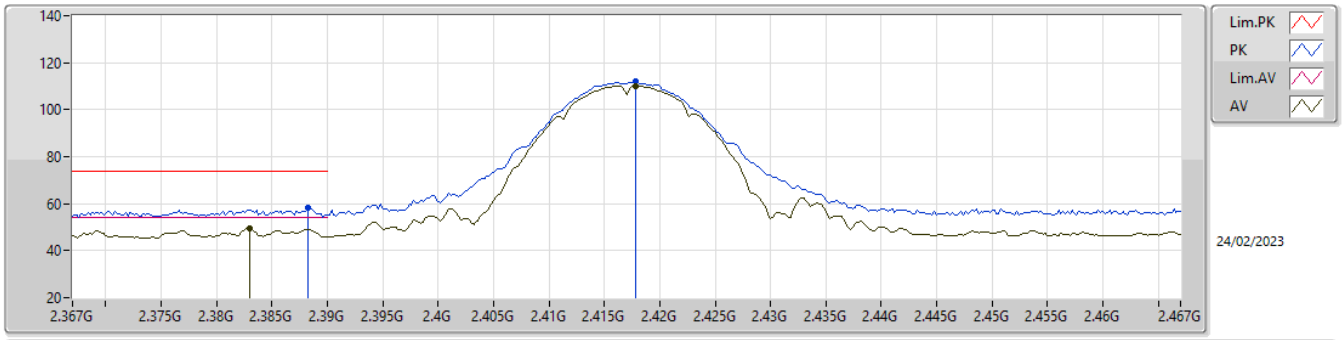
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.82392G	36.87	54.00	-17.13	3.37	3	Horizontal	293	2.08	33.50	32.34	5.68	34.65
PK	4.81552G	46.94	74.00	-27.06	3.32	3	Horizontal	293	2.08	43.62	32.29	5.68	34.65

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

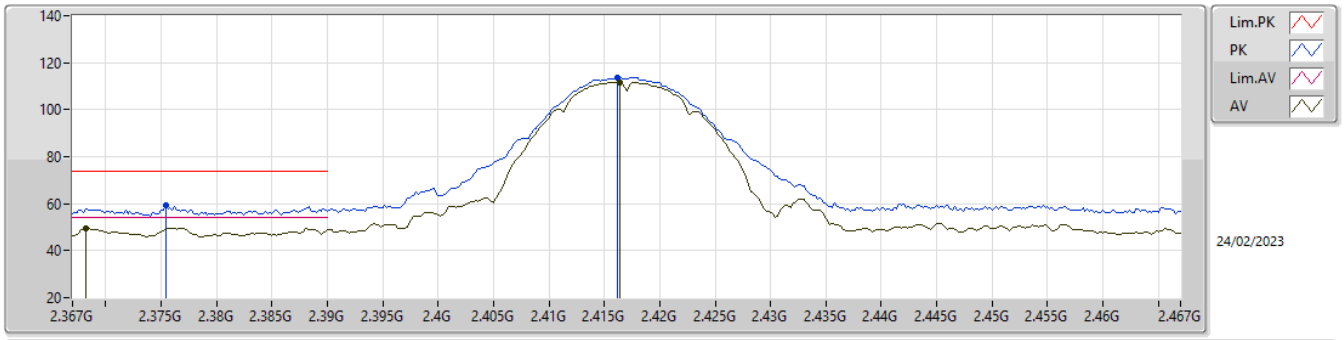
2417MHz_TX



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	2.383G	49.39	54.00	-4.61	31.12	3	Vertical	358	1.19	18.27	27.37	3.75	-
AV	2.4178G	110.23	Inf	-Inf	31.26	3	Vertical	358	1.19	78.97	27.47	3.79	-
PK	2.3882G	58.52	74.00	-15.48	31.14	3	Vertical	358	1.19	27.38	27.38	3.76	-
PK	2.4178G	111.98	Inf	-Inf	31.26	3	Vertical	358	1.19	80.72	27.47	3.79	-

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

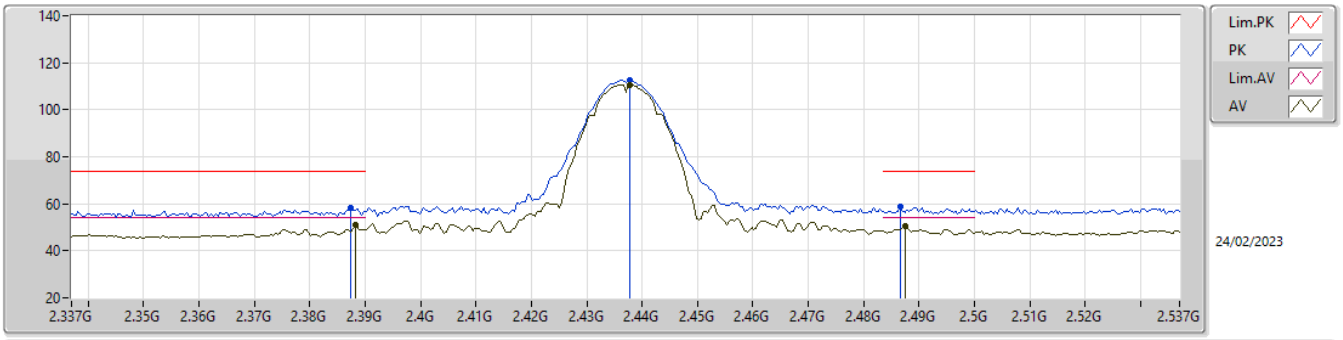
2417MHz_TX



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	2.3682G	49.46	54.00	-4.54	31.08	3	Horizontal	295	1.38	18.38	27.34	3.74	-
AV	2.4164G	111.76	Inf	-Inf	31.25	3	Horizontal	295	1.38	80.51	27.47	3.78	-
PK	2.3754G	59.45	74.00	-14.55	31.09	3	Horizontal	295	1.38	28.36	27.35	3.74	-
PK	2.4162G	113.82	Inf	-Inf	31.24	3	Horizontal	295	1.38	82.58	27.46	3.78	-

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

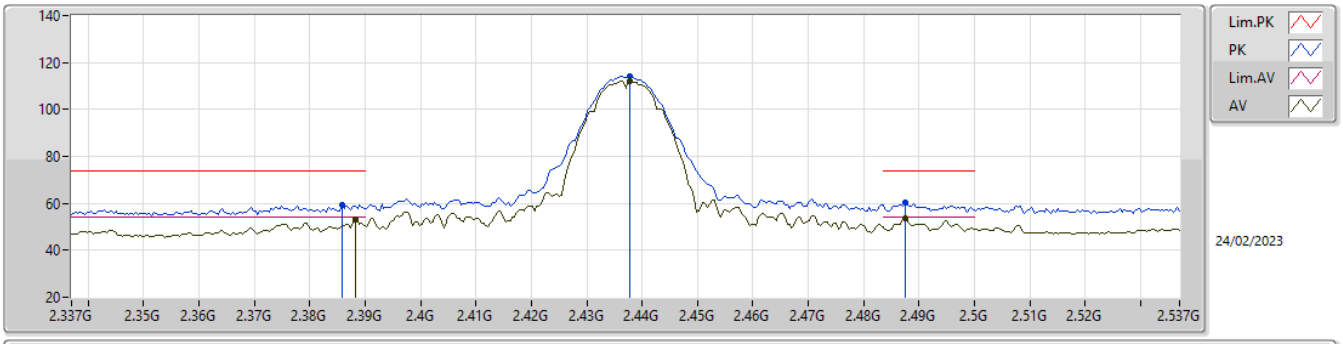
2437MHz_TX



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	2.3882G	50.88	54.00	-3.12	31.14	3	Vertical	4	1.06	19.74	27.38	3.76	-
AV	2.4378G	110.58	Inf	-Inf	31.35	3	Vertical	4	1.06	79.23	27.55	3.80	-
AV	2.4874G	50.50	54.00	-3.50	31.51	3	Vertical	4	1.06	18.99	27.67	3.84	-
PK	2.3874G	58.16	74.00	-15.84	31.13	3	Vertical	4	1.06	27.03	27.37	3.76	-
PK	2.4378G	112.43	Inf	-Inf	31.35	3	Vertical	4	1.06	81.08	27.55	3.80	-
PK	2.4866G	58.91	74.00	-15.09	31.51	3	Vertical	4	1.06	27.40	27.67	3.84	-

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

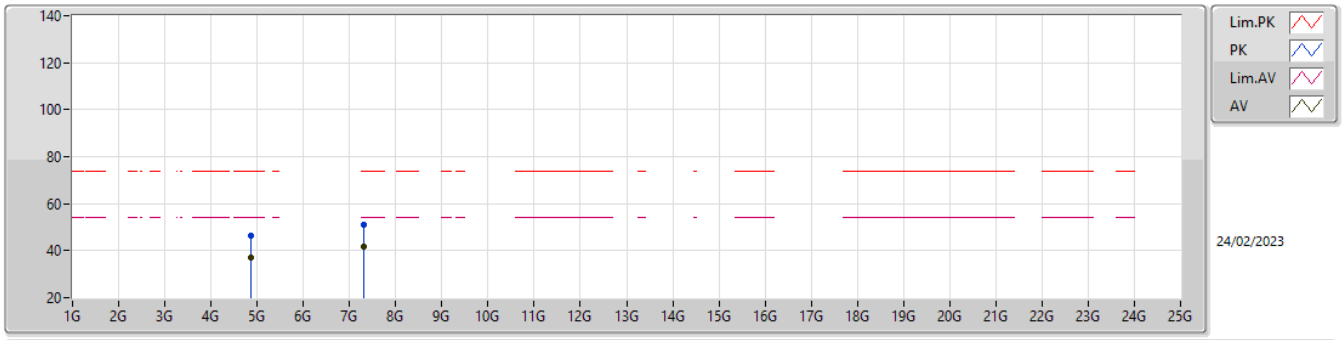
2437MHz_TX



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	2.3882G	53.20	54.00	-0.80	31.14	3	Horizontal	295	1.60	22.06	27.38	3.76	-
AV	2.4378G	111.97	Inf	-Inf	31.35	3	Horizontal	295	1.60	80.62	27.55	3.80	-
AV	2.4874G	53.78	54.00	-0.22	31.51	3	Horizontal	295	1.60	22.27	27.67	3.84	-
PK	2.3858G	59.25	74.00	-14.75	31.13	3	Horizontal	295	1.60	28.12	27.37	3.76	-
PK	2.4378G	114.18	Inf	-Inf	31.35	3	Horizontal	295	1.60	82.83	27.55	3.80	-
PK	2.4874G	60.36	74.00	-13.64	31.51	3	Horizontal	295	1.60	28.85	27.67	3.84	-

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

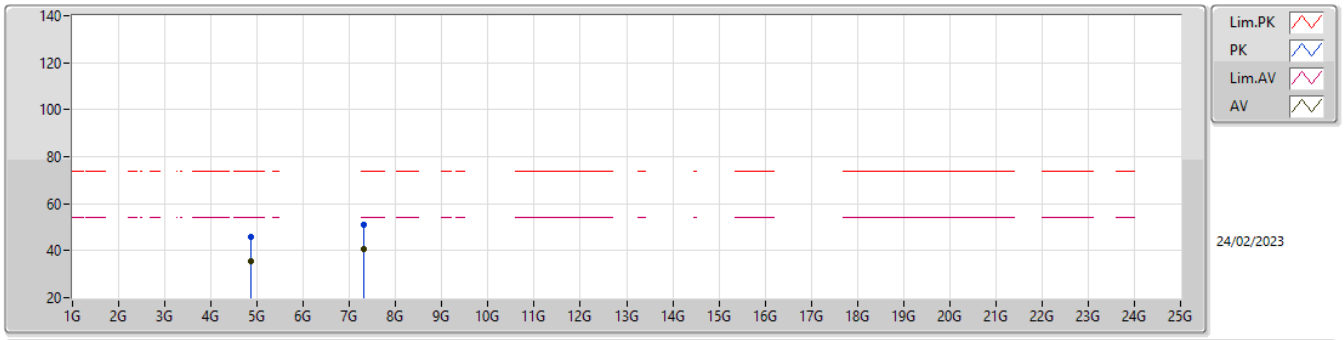
2437MHz_TX



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	37.00	54.00	-17.00	3.33	3	Vertical	308	1.00	33.67	32.60	5.38	34.65
AV	7.30988G	41.78	54.00	-12.22	8.92	3	Vertical	1	1.50	32.86	37.06	6.64	34.78
PK	4.87384G	46.48	74.00	-27.52	3.33	3	Vertical	308	1.00	43.15	32.60	5.38	34.65
PK	7.31G	51.14	74.00	-22.86	8.92	3	Vertical	1	1.50	42.22	37.06	6.64	34.78

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

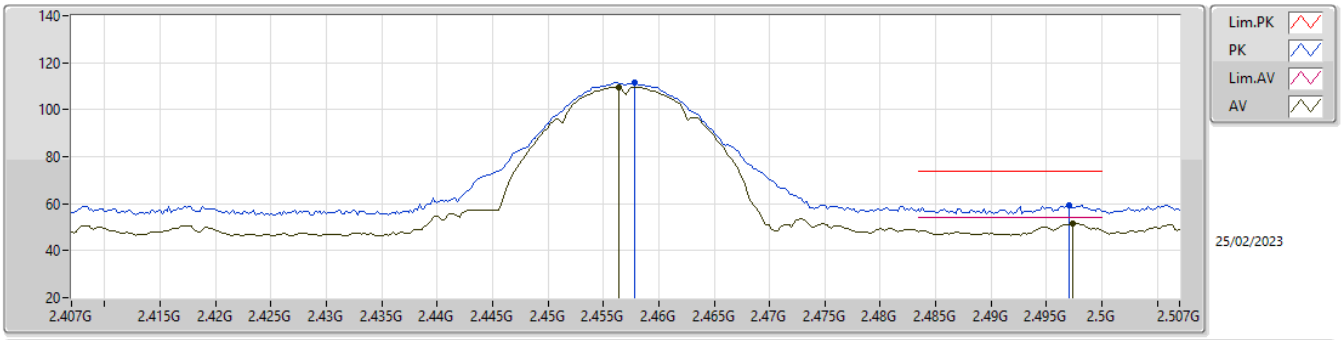
2437MHz_TX



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	35.36	54.00	-18.64	3.33	3	Horizontal	352	1.94	32.03	32.60	5.38	34.65
AV	7.31212G	40.56	54.00	-13.44	8.91	3	Horizontal	304	1.69	31.65	37.05	6.64	34.78
PK	4.86924G	45.90	74.00	-28.10	3.30	3	Horizontal	352	1.94	42.60	32.58	5.37	34.65
PK	7.31188G	51.22	74.00	-22.78	8.91	3	Horizontal	304	1.69	42.31	37.05	6.64	34.78

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

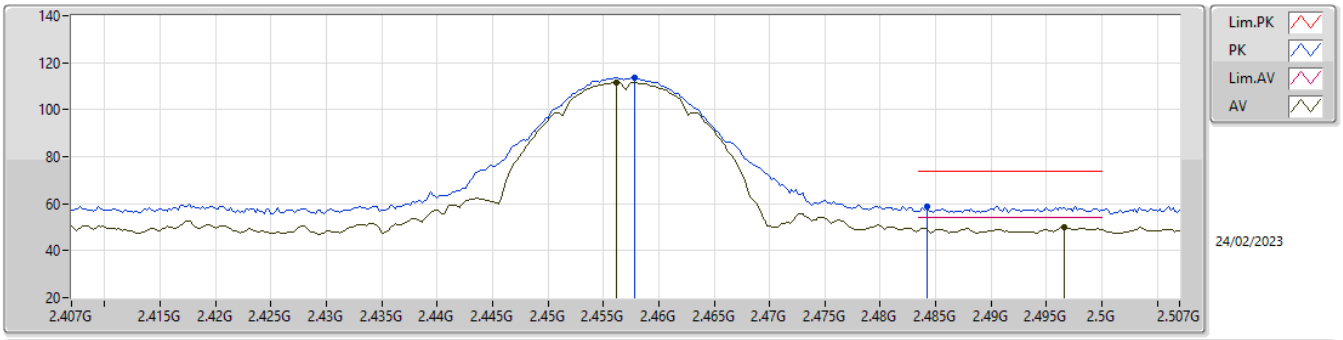
2457MHz_TX



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	2.4564G	109.71	Inf	-Inf	31.43	3	Vertical	0	1.75	78.28	27.61	3.82	-
AV	2.4974G	51.53	54.00	-2.47	31.54	3	Vertical	0	1.75	19.99	27.69	3.85	-
PK	2.4578G	111.43	Inf	-Inf	31.44	3	Vertical	0	1.75	79.99	27.62	3.82	-
PK	2.497G	59.30	74.00	-14.70	31.54	3	Vertical	0	1.75	27.76	27.69	3.85	-

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

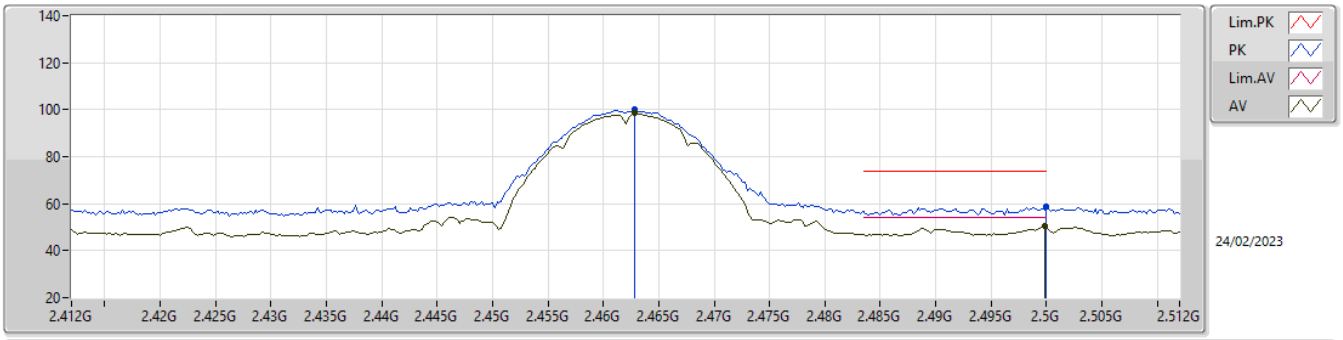
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4562G	111.75	Inf	-Inf	31.43	3	Horizontal	289	1.12	80.32	27.61	3.82	-
AV	2.4966G	49.84	54.00	-4.16	31.54	3	Horizontal	289	1.12	18.30	27.69	3.85	-
PK	2.4578G	113.66	Inf	-Inf	31.44	3	Horizontal	289	1.12	82.22	27.62	3.82	-
PK	2.4842G	58.82	74.00	-15.18	31.51	3	Horizontal	289	1.12	27.31	27.67	3.84	-

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

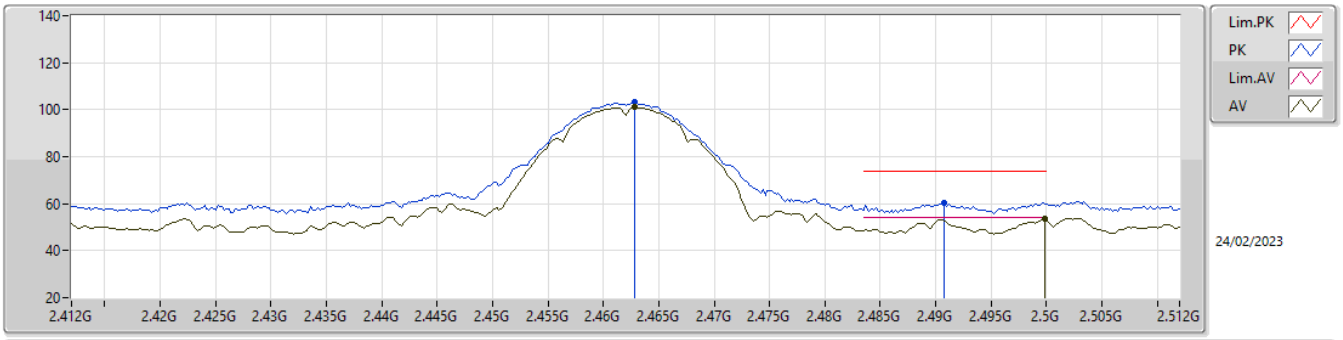
2462MHz_TX



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	98.40	Inf	-Inf	31.84	3	Vertical	222	1.34	66.56	27.63	4.21	-
AV	2.4998G	50.45	54.00	-3.55	31.93	3	Vertical	222	1.34	18.52	27.70	4.23	-
PK	2.4628G	100.17	Inf	-Inf	31.84	3	Vertical	222	1.34	68.33	27.63	4.21	-
PK	2.5G	58.69	74.00	-15.31	31.93	3	Vertical	222	1.34	26.76	27.70	4.23	-

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

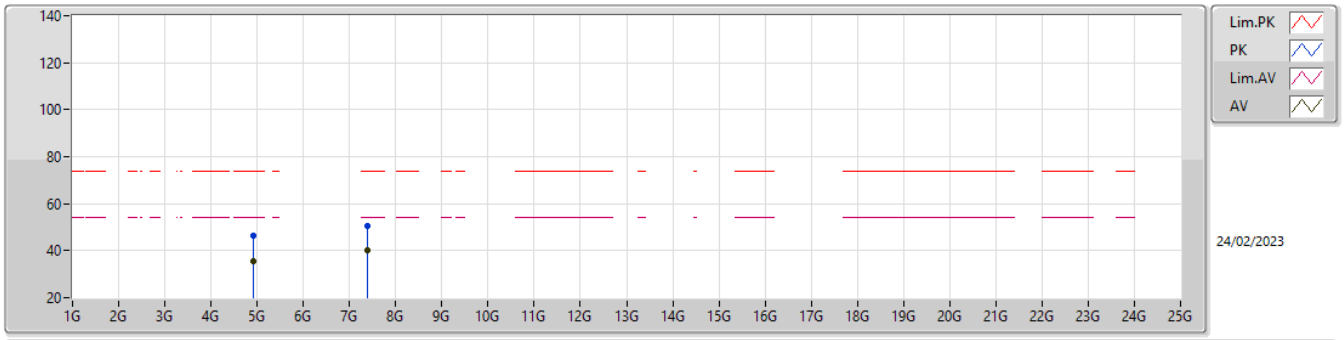
2462MHz_TX



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	101.29	Inf	-Inf	31.84	3	Horizontal	33	1.52	69.45	27.63	4.21	-
AV	2.4998G	53.69	54.00	-0.31	31.93	3	Horizontal	33	1.52	21.76	27.70	4.23	-
PK	2.4628G	103.32	Inf	-Inf	31.84	3	Horizontal	33	1.52	71.48	27.63	4.21	-
PK	2.4908G	60.50	74.00	-13.50	31.90	3	Horizontal	33	1.52	28.60	27.68	4.22	-

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

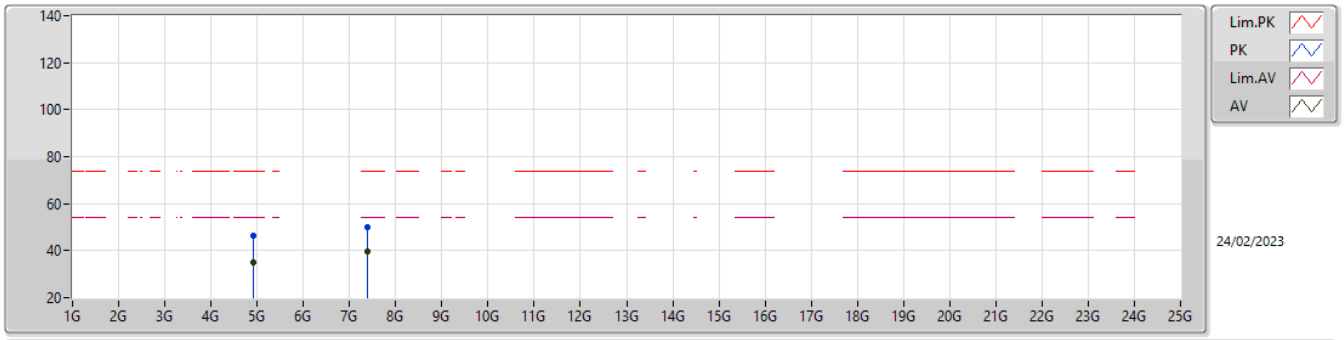
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	35.55	54.00	-18.45	3.60	3	Vertical	359	2.96	31.95	32.84	5.41	34.65
AV	7.38486G	40.10	54.00	-13.90	8.64	3	Vertical	325	2.57	31.46	36.76	6.67	34.79
PK	4.91716G	46.14	74.00	-27.86	3.56	3	Vertical	359	2.96	42.58	32.80	5.41	34.65
PK	7.38684G	50.61	74.00	-23.39	8.63	3	Vertical	325	2.57	41.98	36.75	6.67	34.79

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

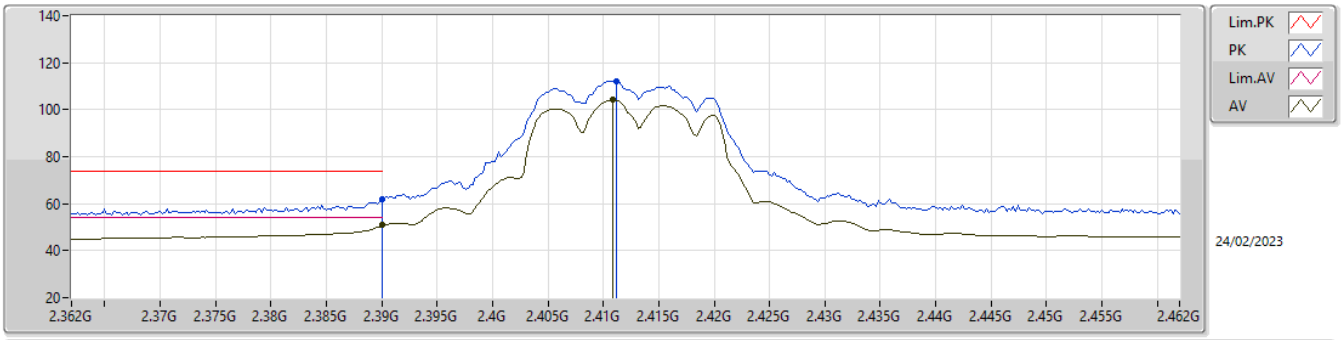
2462MHz_TX



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	4.91944G	35.20	54.00	-18.80	3.58	3	Horizontal	110	1.50	31.62	32.82	5.41	34.65
AV	7.38546G	39.77	54.00	-14.23	8.64	3	Horizontal	47	2.15	31.13	36.76	6.67	34.79
PK	4.9168G	46.50	74.00	-27.50	3.56	3	Horizontal	110	1.50	42.94	32.80	5.41	34.65
PK	7.3878G	50.08	74.00	-23.92	8.63	3	Horizontal	47	2.15	41.45	36.75	6.67	34.79

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

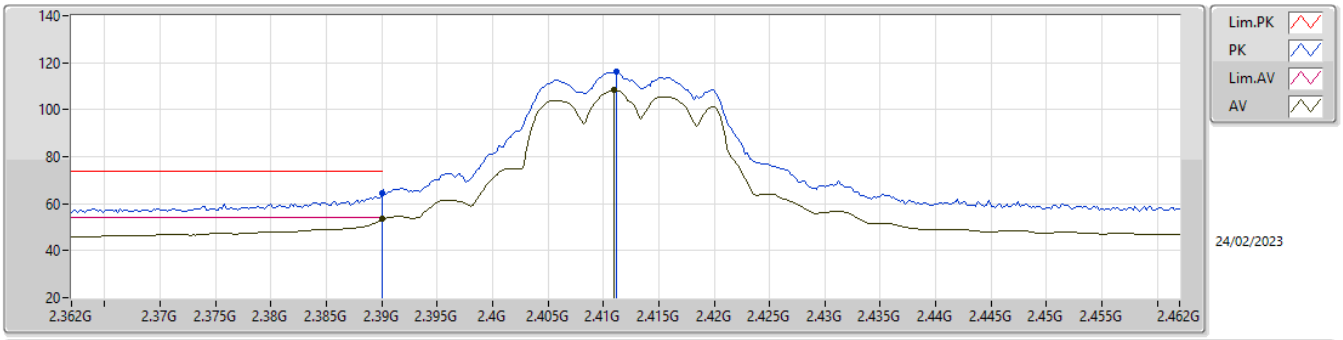
2412MHz_TX



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	50.90	54.00	-3.10	31.54	3	Vertical	360	3.00	19.36	27.38	4.16	-
AV	2.4108G	104.34	Inf	-Inf	31.62	3	Vertical	360	3.00	72.72	27.44	4.18	-
PK	2.39G	62.13	74.00	-11.87	31.54	3	Vertical	360	3.00	30.59	27.38	4.16	-
PK	2.4112G	112.27	Inf	-Inf	31.62	3	Vertical	360	3.00	80.65	27.44	4.18	-

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

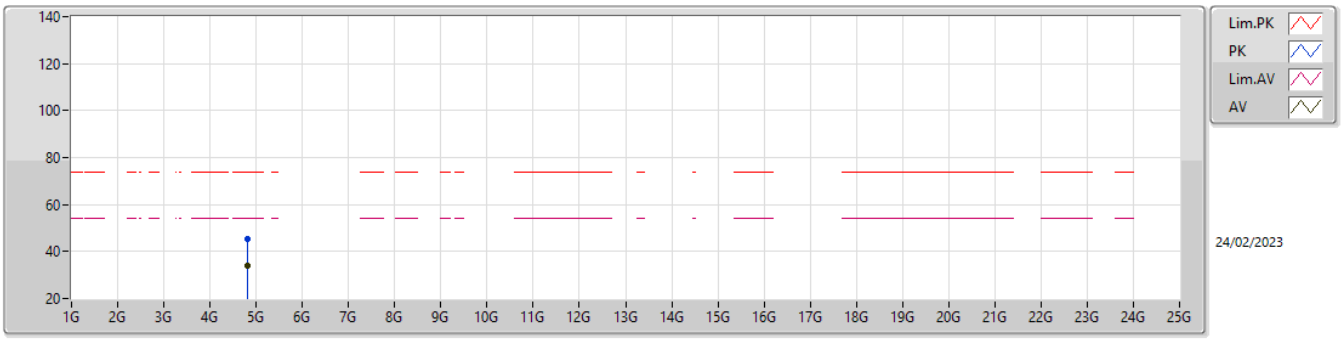
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.54	54.00	-0.46	31.54	3	Horizontal	55	1.00	22.00	27.38	4.16	-
AV	2.411G	108.59	Inf	-Inf	31.62	3	Horizontal	55	1.00	76.97	27.44	4.18	-
PK	2.39G	64.23	74.00	-9.77	31.54	3	Horizontal	55	1.00	32.69	27.38	4.16	-
PK	2.4112G	116.42	Inf	-Inf	31.62	3	Horizontal	55	1.00	84.80	27.44	4.18	-

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

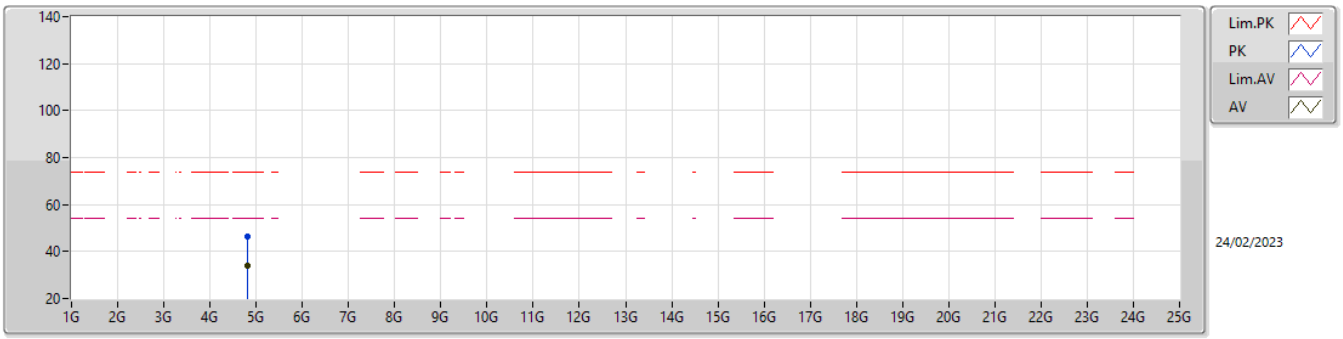
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.80924G	34.03	54.00	-19.97	2.93	3	Vertical	359	1.50	31.10	32.26	5.33	34.66
PK	4.8141G	45.57	74.00	-28.43	2.96	3	Vertical	359	1.50	42.61	32.28	5.33	34.65

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

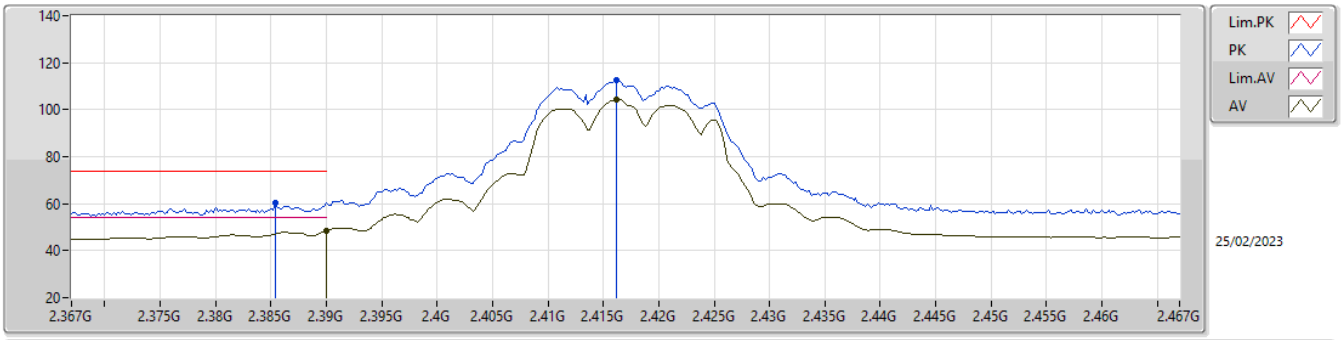
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.81086G	34.02	54.00	-19.98	2.94	3	Horizontal	292	1.50	31.08	32.27	5.33	34.66
PK	4.81734G	46.17	74.00	-27.83	2.98	3	Horizontal	292	1.50	43.19	32.30	5.33	34.65

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

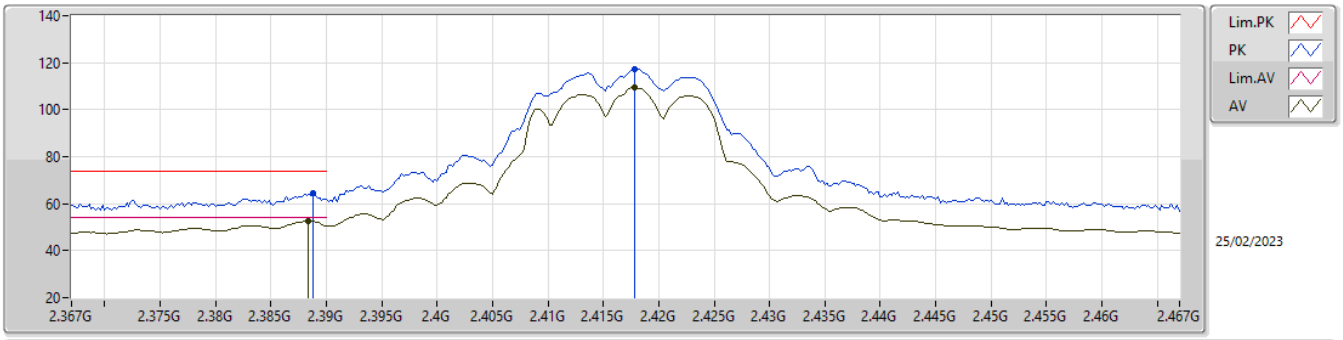
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.19	54.00	-5.81	31.14	3	Vertical	226	1.30	17.05	27.38	3.76	-
AV	2.4162G	104.44	Inf	-Inf	31.24	3	Vertical	226	1.30	73.20	27.46	3.78	-
PK	2.3854G	60.35	74.00	-13.65	31.12	3	Vertical	226	1.30	29.23	27.37	3.75	-
PK	2.4162G	112.35	Inf	-Inf	31.24	3	Vertical	226	1.30	81.11	27.46	3.78	-

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

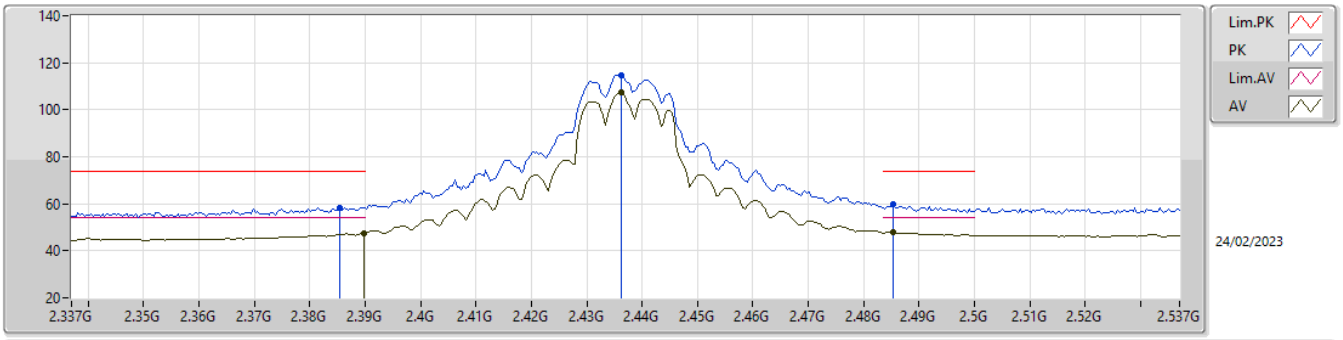
2417MHz_TX



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	2.3884G	52.45	54.00	-1.55	31.14	3	Horizontal	43	1.13	21.31	27.38	3.76	-
AV	2.4178G	109.45	Inf	-Inf	31.26	3	Horizontal	43	1.13	78.19	27.47	3.79	-
PK	2.3888G	64.55	74.00	-9.45	31.14	3	Horizontal	43	1.13	33.41	27.38	3.76	-
PK	2.4178G	117.18	Inf	-Inf	31.26	3	Horizontal	43	1.13	85.92	27.47	3.79	-

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

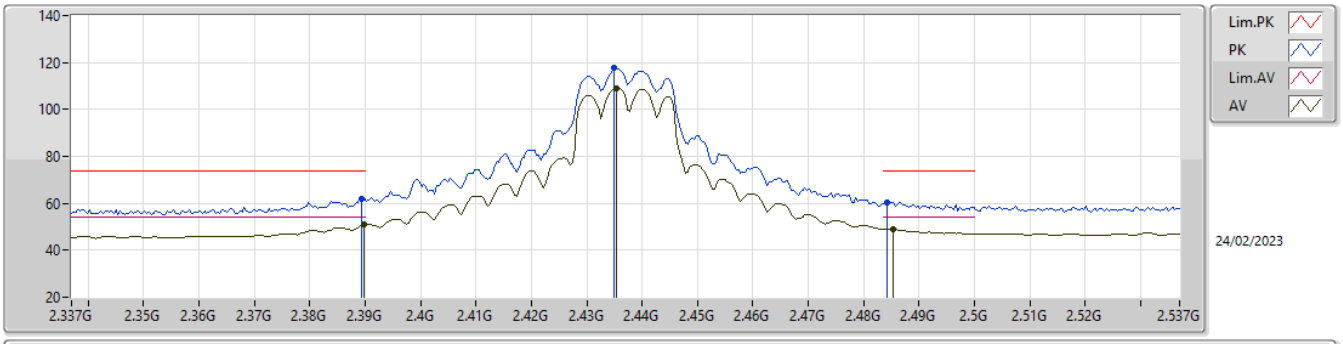
2437MHz_TX



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	47.53	54.00	-6.47	31.14	3	Vertical	0	2.78	16.39	27.38	3.76	-
AV	2.4362G	107.19	Inf	-Inf	31.34	3	Vertical	0	2.78	75.85	27.54	3.80	-
AV	2.4854G	47.93	54.00	-6.07	31.51	3	Vertical	0	2.78	16.42	27.67	3.84	-
PK	2.3854G	58.50	74.00	-15.50	31.12	3	Vertical	0	2.78	27.38	27.37	3.75	-
PK	2.4362G	114.84	Inf	-Inf	31.34	3	Vertical	0	2.78	83.50	27.54	3.80	-
PK	2.4854G	59.84	74.00	-14.16	31.51	3	Vertical	0	2.78	28.33	27.67	3.84	-

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

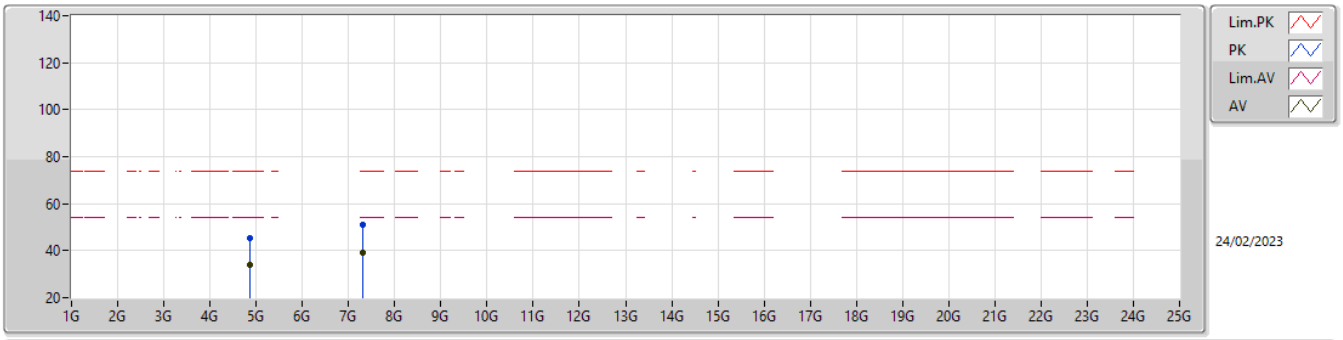
2437MHz_TX



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	50.85	54.00	-3.15	31.14	3	Horizontal	54	1.40	19.71	27.38	3.76	-
AV	2.4354G	109.06	Inf	-Inf	31.34	3	Horizontal	54	1.40	77.72	27.54	3.80	-
AV	2.4854G	48.98	54.00	-5.02	31.51	3	Horizontal	54	1.40	17.47	27.67	3.84	-
PK	2.3894G	62.03	74.00	-11.97	31.14	3	Horizontal	54	1.40	30.89	27.38	3.76	-
PK	2.435G	117.62	Inf	-Inf	31.34	3	Horizontal	54	1.40	86.28	27.54	3.80	-
PK	2.4842G	60.53	74.00	-13.47	31.51	3	Horizontal	54	1.40	29.02	27.67	3.84	-

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

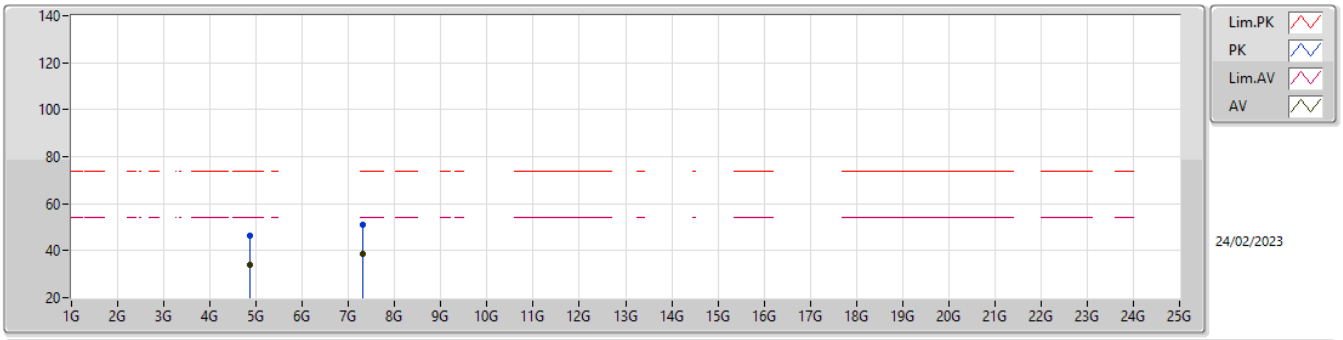
2437MHz_TX



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	4.85954G	33.78	54.00	-20.22	3.25	3	Vertical	132	1.50	30.53	32.54	5.36	34.65
AV	7.31118G	39.00	54.00	-15.00	8.92	3	Vertical	360	1.50	30.08	37.06	6.64	34.78
PK	4.86452G	45.60	74.00	-28.40	3.28	3	Vertical	132	1.50	42.32	32.56	5.37	34.65
PK	7.29798G	51.26	74.00	-22.74	8.95	3	Vertical	360	1.50	42.31	37.10	6.63	34.78

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

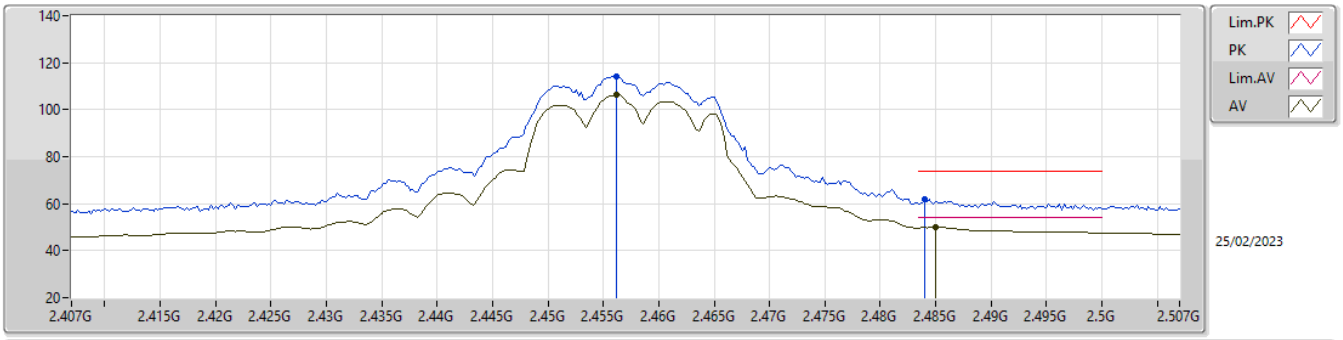
2437MHz_TX



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	4.86932G	33.83	54.00	-20.17	3.30	3	Horizontal	360	1.50	30.53	32.58	5.37	34.65
AV	7.30602G	38.69	54.00	-15.31	8.94	3	Horizontal	293	1.50	29.75	37.08	6.64	34.78
PK	4.86152G	46.28	74.00	-27.72	3.27	3	Horizontal	360	1.50	43.01	32.55	5.37	34.65
PK	7.29798G	50.88	74.00	-23.12	8.95	3	Horizontal	293	1.50	41.93	37.10	6.63	34.78

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

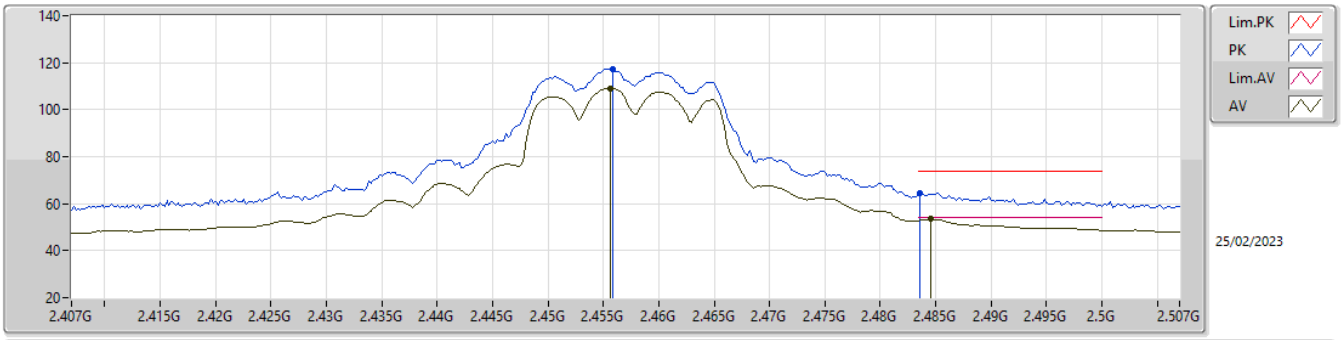
2457MHz_TX



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	2.4562G	106.34	Inf	-Inf	31.43	3	Vertical	1	2.73	74.91	27.61	3.82	-
AV	2.485G	50.16	54.00	-3.84	31.51	3	Vertical	1	2.73	18.65	27.67	3.84	-
PK	2.4562G	114.24	Inf	-Inf	31.43	3	Vertical	1	2.73	82.81	27.61	3.82	-
PK	2.484G	62.05	74.00	-11.95	31.51	3	Vertical	1	2.73	30.54	27.67	3.84	-

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

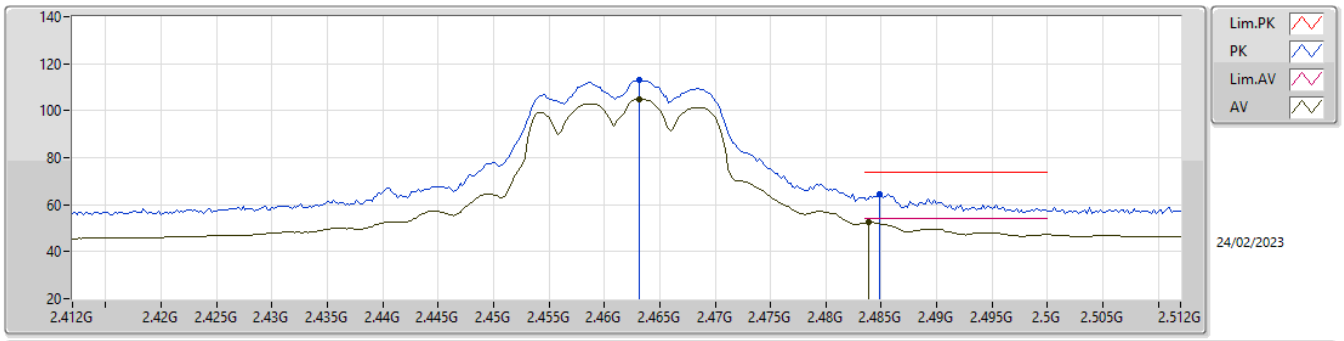
2457MHz_TX



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	2.4556G	109.06	Inf	-Inf	31.43	3	Horizontal	38	1.00	77.63	27.61	3.82	-
AV	2.4846G	53.44	54.00	-0.56	31.51	3	Horizontal	38	1.00	21.93	27.67	3.84	-
PK	2.4558G	117.45	Inf	-Inf	31.43	3	Horizontal	38	1.00	86.02	27.61	3.82	-
PK	2.4836G	64.56	74.00	-9.44	31.51	3	Horizontal	38	1.00	33.05	27.67	3.84	-

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

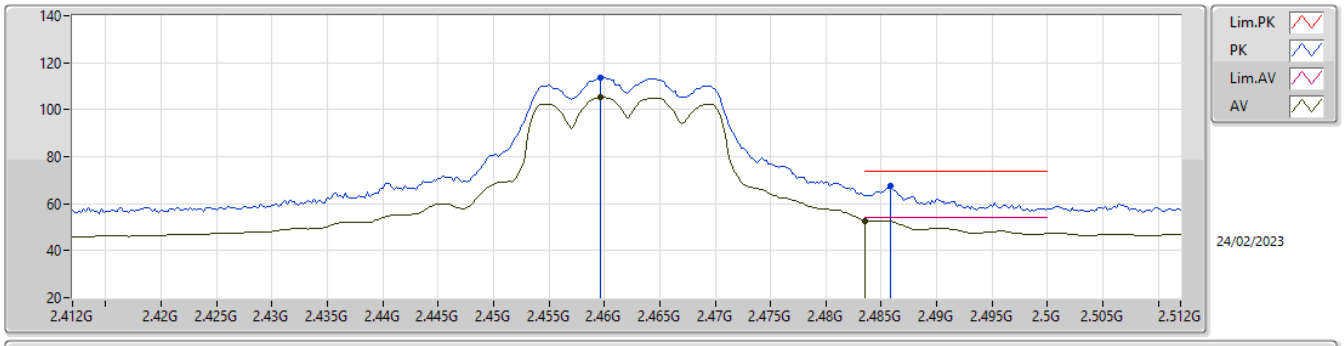
2462MHz_TX



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	2.4632G	105.07	Inf	-Inf	31.45	3	Vertical	0	2.90	73.62	27.63	3.82	-
AV	2.4838G	52.44	54.00	-1.56	31.51	3	Vertical	0	2.90	20.93	27.67	3.84	-
PK	2.4632G	113.06	Inf	-Inf	31.45	3	Vertical	0	2.90	81.61	27.63	3.82	-
PK	2.4848G	64.53	74.00	-9.47	31.51	3	Vertical	0	2.90	33.02	27.67	3.84	-

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

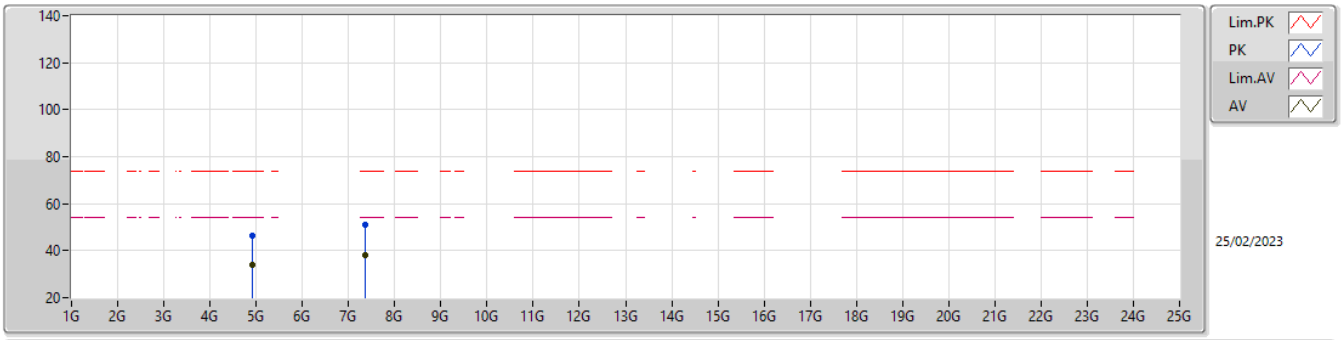
2462MHz_TX



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	105.14	Inf	-Inf	31.44	3	Horizontal	292	1.54	73.70	27.62	3.82	-
AV	2.4835G	52.65	54.00	-1.35	31.51	3	Horizontal	292	1.54	21.14	27.67	3.84	-
PK	2.4596G	113.37	Inf	-Inf	31.44	3	Horizontal	292	1.54	81.93	27.62	3.82	-
PK	2.4858G	67.48	74.00	-6.52	31.51	3	Horizontal	292	1.54	35.97	27.67	3.84	-

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

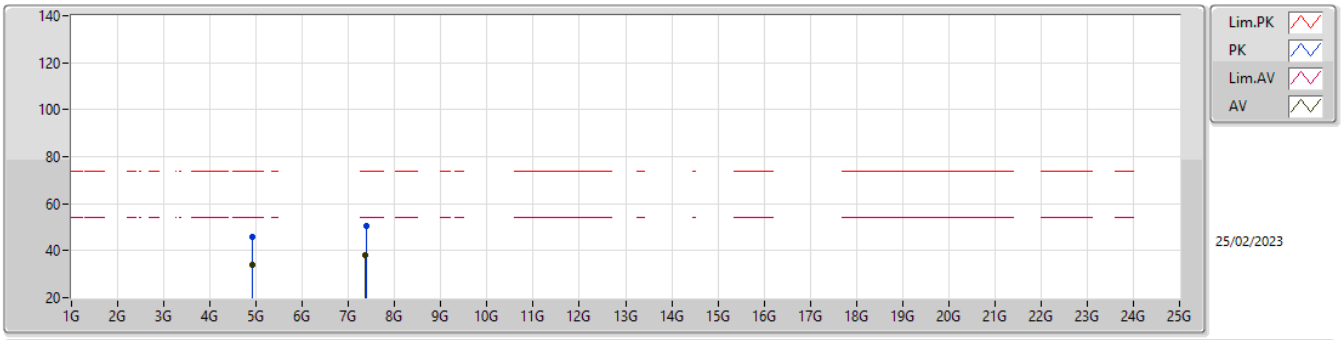
2462MHz_TX



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	4.92094G	34.09	54.00	-19.91	3.59	3	Vertical	39	2.43	30.50	32.83	5.41	34.65
AV	7.3722G	38.33	54.00	-15.67	8.70	3	Vertical	227	1.50	29.63	36.81	6.67	34.78
PK	4.92178G	46.51	74.00	-27.49	3.59	3	Vertical	39	2.43	42.92	32.83	5.41	34.65
PK	7.37166G	51.20	74.00	-22.80	8.70	3	Vertical	227	1.50	42.50	36.81	6.67	34.78

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

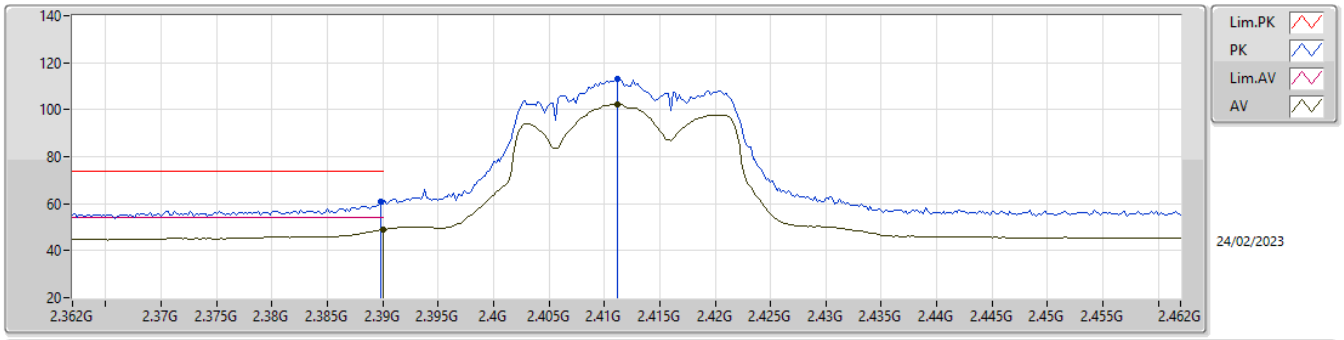
2462MHz_TX



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	4.91974G	34.02	54.00	-19.98	3.58	3	Horizontal	328	3.00	30.44	32.82	5.41	34.65
AV	7.37154G	38.36	54.00	-15.64	8.70	3	Horizontal	66	1.50	29.66	36.81	6.67	34.78
PK	4.91254G	46.06	74.00	-27.94	3.53	3	Horizontal	328	3.00	42.53	32.78	5.40	34.65
PK	7.37958G	50.67	74.00	-23.33	8.66	3	Horizontal	66	1.50	42.01	36.78	6.67	34.79

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

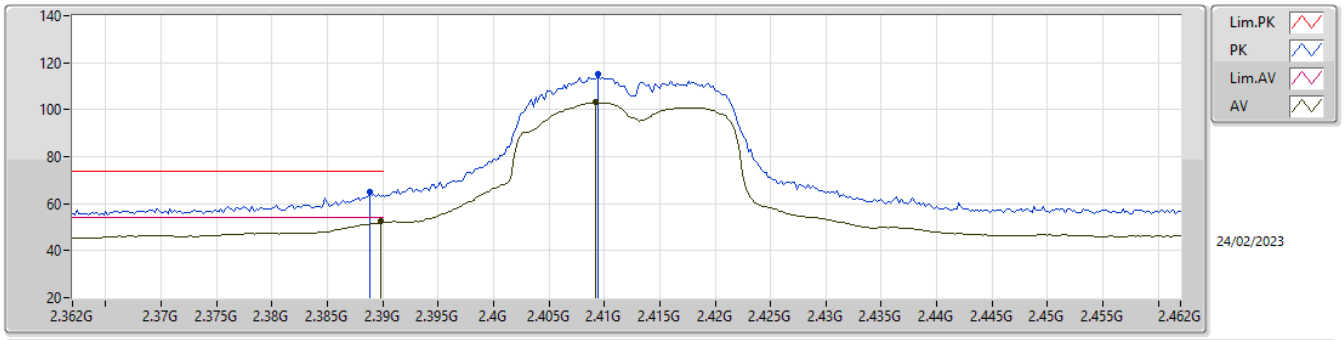
2412MHz_TX



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	48.91	54.00	-5.09	31.14	3	Vertical	224	1.28	17.77	27.38	3.76	-
AV	2.4112G	102.32	Inf	-Inf	31.22	3	Vertical	224	1.28	71.10	27.44	3.78	-
PK	2.3898G	60.67	74.00	-13.33	31.14	3	Vertical	224	1.28	29.53	27.38	3.76	-
PK	2.4112G	113.25	Inf	-Inf	31.22	3	Vertical	224	1.28	82.03	27.44	3.78	-

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

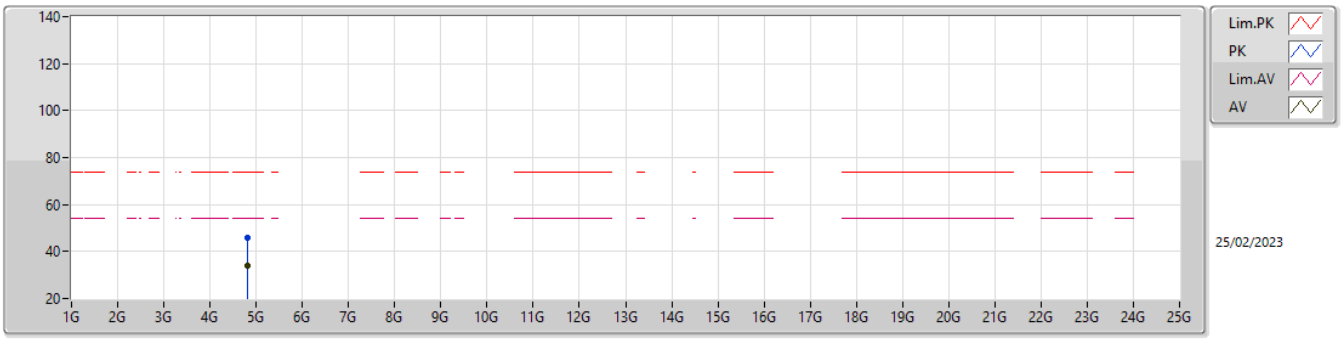
2412MHz_TX



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	52.42	54.00	-1.58	31.54	3	Horizontal	299	1.00	20.88	27.38	4.16	-
AV	2.4092G	103.41	Inf	-Inf	31.62	3	Horizontal	299	1.00	71.79	27.44	4.18	-
PK	2.3888G	65.10	74.00	-8.90	31.54	3	Horizontal	299	1.00	33.56	27.38	4.16	-
PK	2.4094G	115.13	Inf	-Inf	31.62	3	Horizontal	299	1.00	83.51	27.44	4.18	-

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

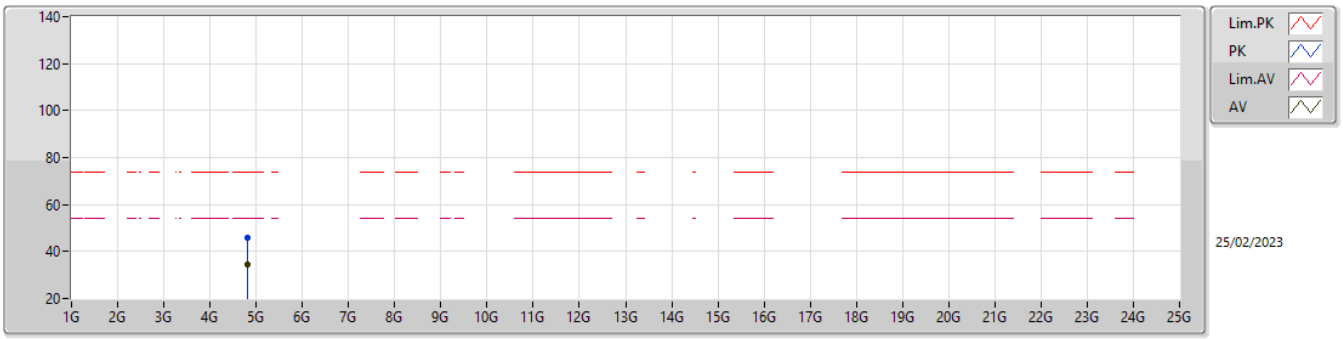
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.81404G	34.16	54.00	-19.84	2.96	3	Vertical	36	1.50	31.20	32.28	5.33	34.65
PK	4.82022G	45.88	74.00	-28.12	3.01	3	Vertical	36	1.50	42.87	32.32	5.34	34.65

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

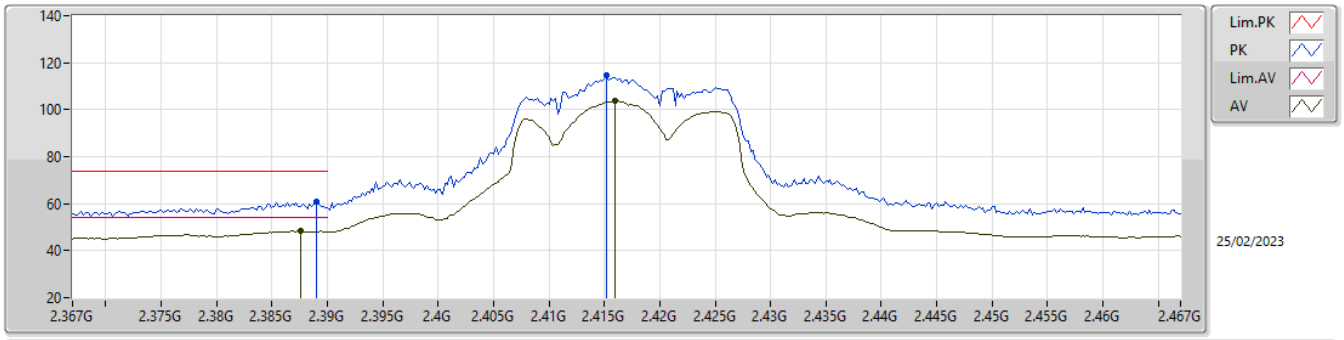
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.80936G	34.32	54.00	-19.68	2.93	3	Horizontal	273	1.50	31.39	32.26	5.33	34.66
PK	4.81332G	45.68	74.00	-28.32	2.96	3	Horizontal	273	1.50	42.72	32.28	5.33	34.65

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

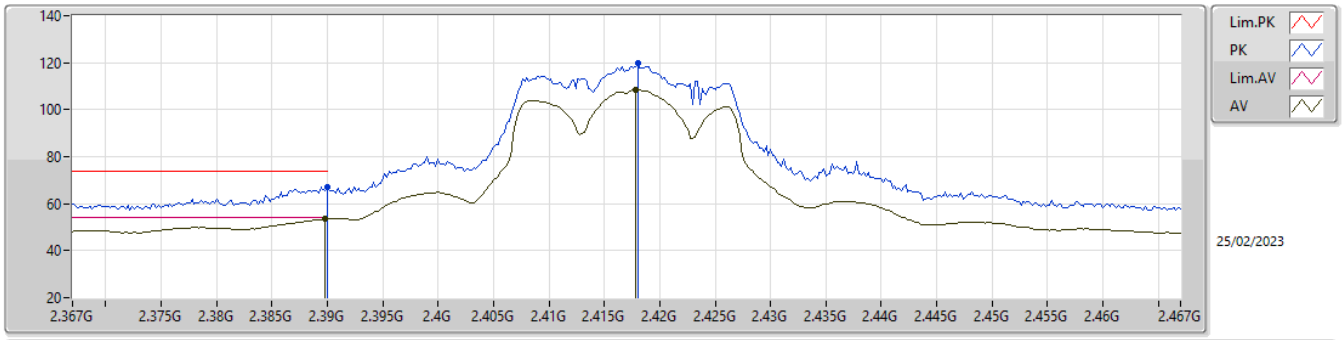
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3876G	48.37	54.00	-5.63	31.14	3	Vertical	225	1.29	17.23	27.38	3.76	-
AV	2.416G	103.61	Inf	-Inf	31.24	3	Vertical	225	1.29	72.37	27.46	3.78	-
PK	2.389G	60.93	74.00	-13.07	31.14	3	Vertical	225	1.29	29.79	27.38	3.76	-
PK	2.4152G	114.90	Inf	-Inf	31.24	3	Vertical	225	1.29	83.66	27.46	3.78	-

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

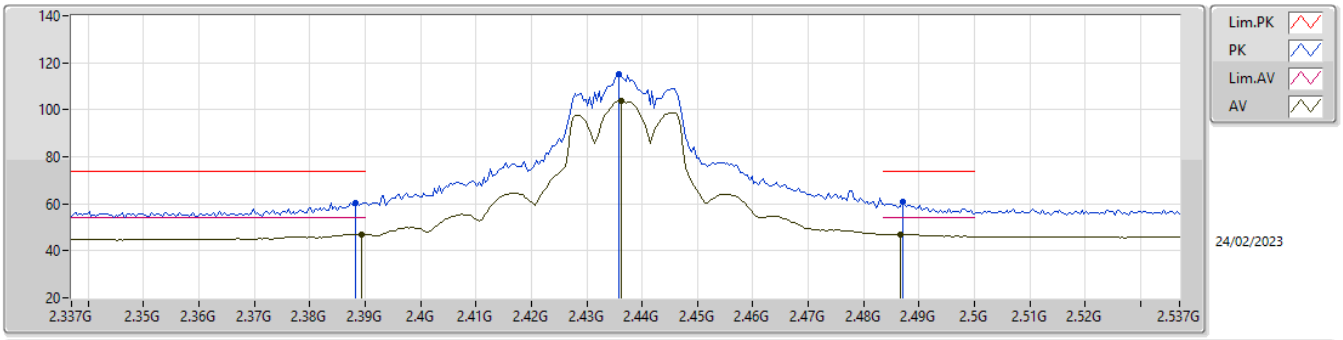
2417MHz_TX



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	2.3898G	53.49	54.00	-0.51	31.14	3	Horizontal	34	1.29	22.35	27.38	3.76	-
AV	2.4178G	108.41	Inf	-Inf	31.26	3	Horizontal	34	1.29	77.15	27.47	3.79	-
PK	2.39G	67.00	74.00	-7.00	31.14	3	Horizontal	34	1.29	35.86	27.38	3.76	-
PK	2.418G	119.58	Inf	-Inf	31.26	3	Horizontal	34	1.29	88.32	27.47	3.79	-

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

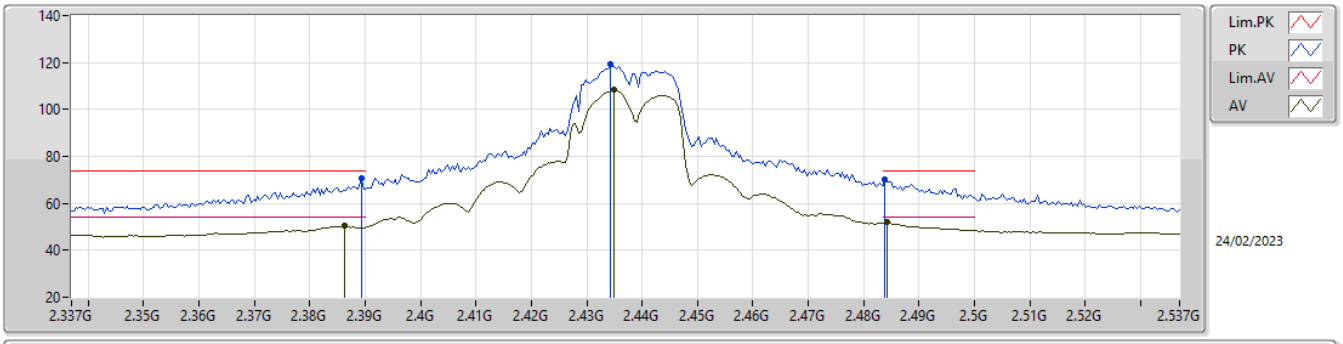
2437MHz_TX



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	46.99	54.00	-7.01	31.14	3	Vertical	217	1.18	15.85	27.38	3.76	-
AV	2.4362G	103.88	Inf	-Inf	31.34	3	Vertical	217	1.18	72.54	27.54	3.80	-
AV	2.4866G	46.93	54.00	-7.07	31.51	3	Vertical	217	1.18	15.42	27.67	3.84	-
PK	2.3882G	60.54	74.00	-13.46	31.14	3	Vertical	217	1.18	29.40	27.38	3.76	-
PK	2.4358G	115.03	Inf	-Inf	31.34	3	Vertical	217	1.18	83.69	27.54	3.80	-
PK	2.487G	60.66	74.00	-13.34	31.51	3	Vertical	217	1.18	29.15	27.67	3.84	-

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

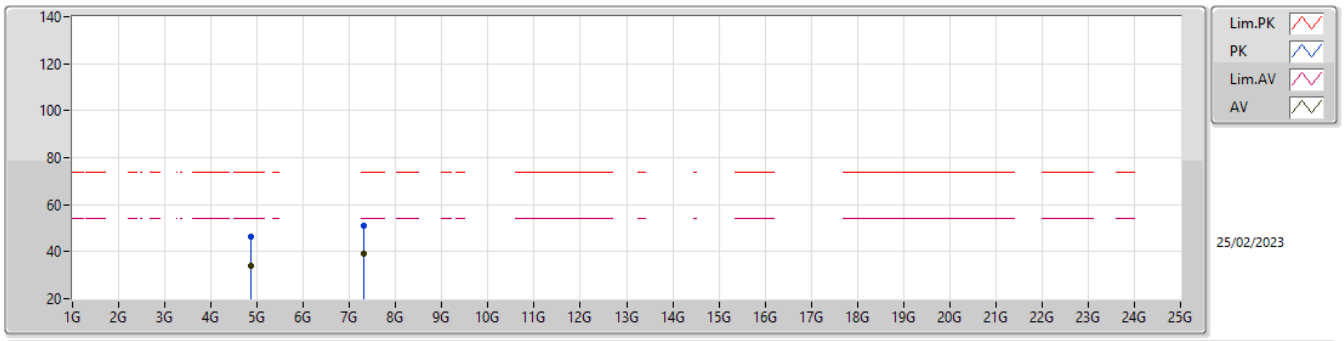
2437MHz_TX



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	2.3862G	50.65	54.00	-3.35	31.53	3	Horizontal	55	1.09	19.12	27.37	4.16	-
AV	2.435G	108.29	Inf	-Inf	31.73	3	Horizontal	55	1.09	76.56	27.54	4.19	-
AV	2.4842G	51.99	54.00	-2.01	31.89	3	Horizontal	55	1.09	20.10	27.67	4.22	-
PK	2.3894G	70.68	74.00	-3.32	31.54	3	Horizontal	55	1.09	39.14	27.38	4.16	-
PK	2.4342G	119.29	Inf	-Inf	31.73	3	Horizontal	55	1.09	87.56	27.54	4.19	-
PK	2.4838G	70.20	74.00	-3.80	31.89	3	Horizontal	55	1.09	38.31	27.67	4.22	-

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

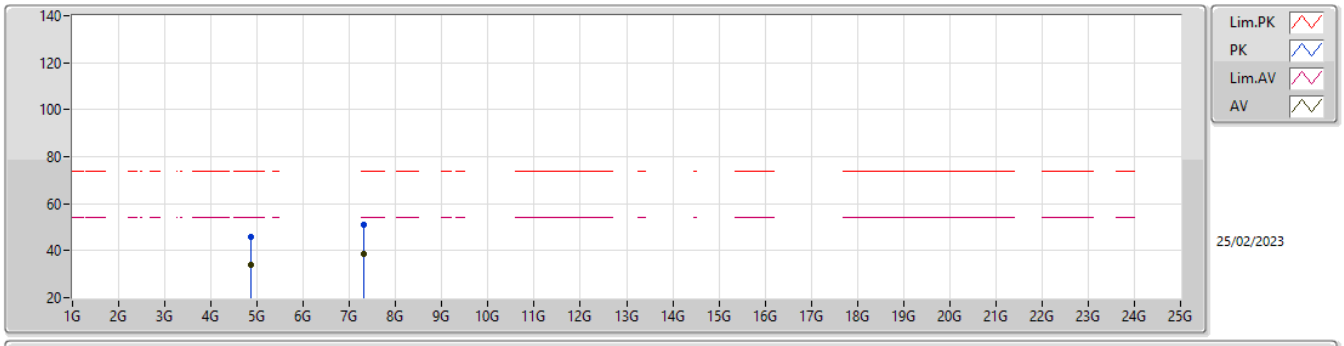
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.86626G	33.98	54.00	-20.02	3.29	3	Vertical	15	1.50	30.69	32.57	5.37	34.65
AV	7.30842G	38.88	54.00	-15.12	8.93	3	Vertical	282	1.50	29.95	37.07	6.64	34.78
PK	4.87376G	46.21	74.00	-27.79	3.33	3	Vertical	15	1.50	42.88	32.60	5.38	34.65
PK	7.30494G	50.86	74.00	-23.14	8.94	3	Vertical	282	1.50	41.92	37.08	6.64	34.78

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

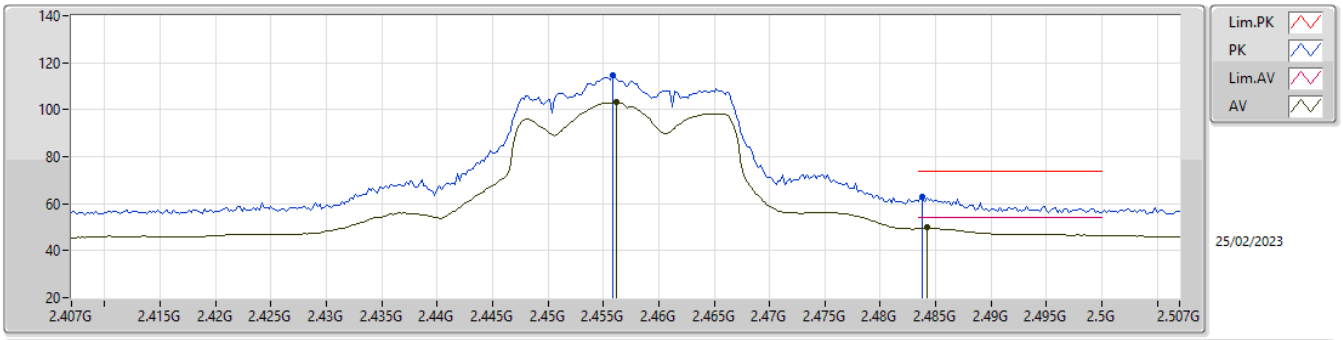
2437MHz_TX



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	4.8602G	33.94	54.00	-20.06	3.26	3	Horizontal	148	1.50	30.68	32.54	5.37	34.65
AV	7.3206G	38.82	54.00	-15.18	8.88	3	Horizontal	222	1.50	29.94	37.02	6.64	34.78
PK	4.87514G	45.71	74.00	-28.29	3.33	3	Horizontal	148	1.50	42.38	32.60	5.38	34.65
PK	7.30878G	50.87	74.00	-23.13	8.92	3	Horizontal	222	1.50	41.95	37.06	6.64	34.78

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

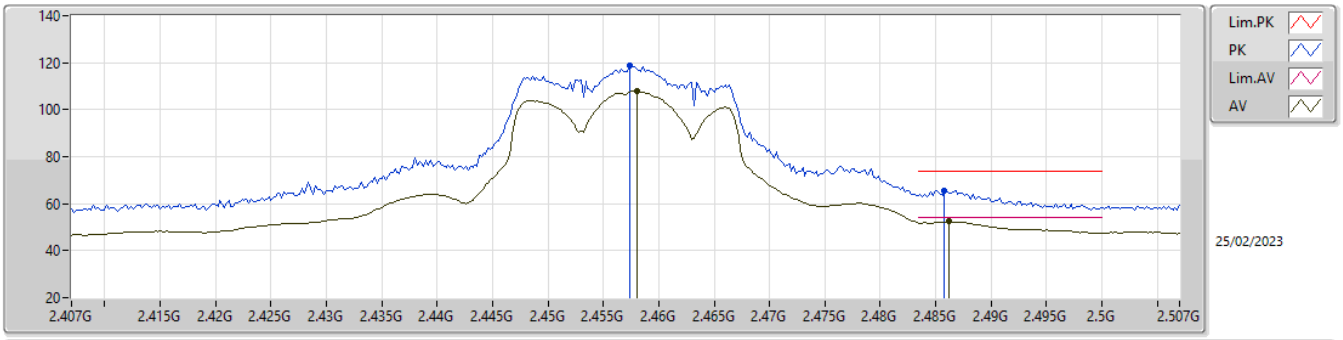
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4562G	103.06	Inf	-Inf	31.43	3	Vertical	224	1.46	71.63	27.61	3.82	-
AV	2.4842G	49.78	54.00	-4.22	31.51	3	Vertical	224	1.46	18.27	27.67	3.84	-
PK	2.4558G	114.61	Inf	-Inf	31.43	3	Vertical	224	1.46	83.18	27.61	3.82	-
PK	2.4838G	63.06	74.00	-10.94	31.51	3	Vertical	224	1.46	31.55	27.67	3.84	-

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

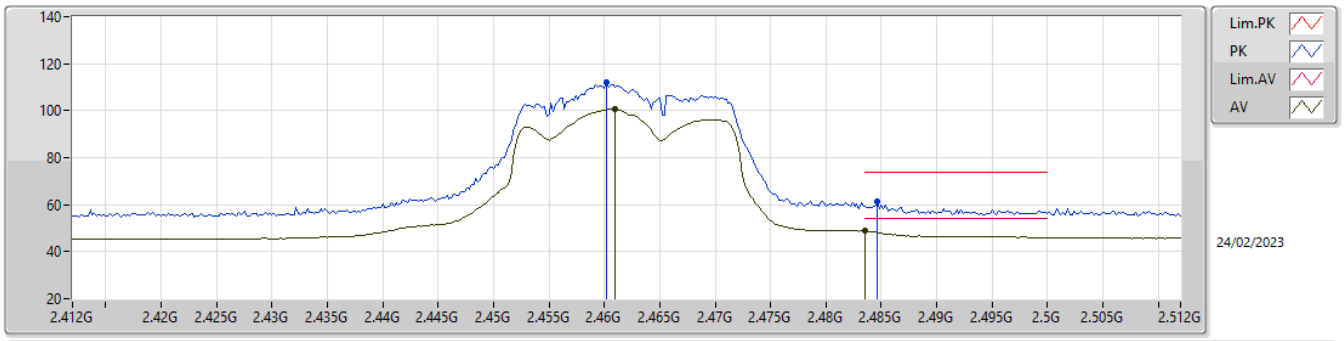
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.458G	107.89	Inf	-Inf	31.44	3	Horizontal	35	1.50	76.45	27.62	3.82	-
AV	2.4862G	52.33	54.00	-1.67	31.51	3	Horizontal	35	1.50	20.82	27.67	3.84	-
PK	2.4574G	118.64	Inf	-Inf	31.43	3	Horizontal	35	1.50	87.21	27.61	3.82	-
PK	2.4858G	65.76	74.00	-8.24	31.51	3	Horizontal	35	1.50	34.25	27.67	3.84	-

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

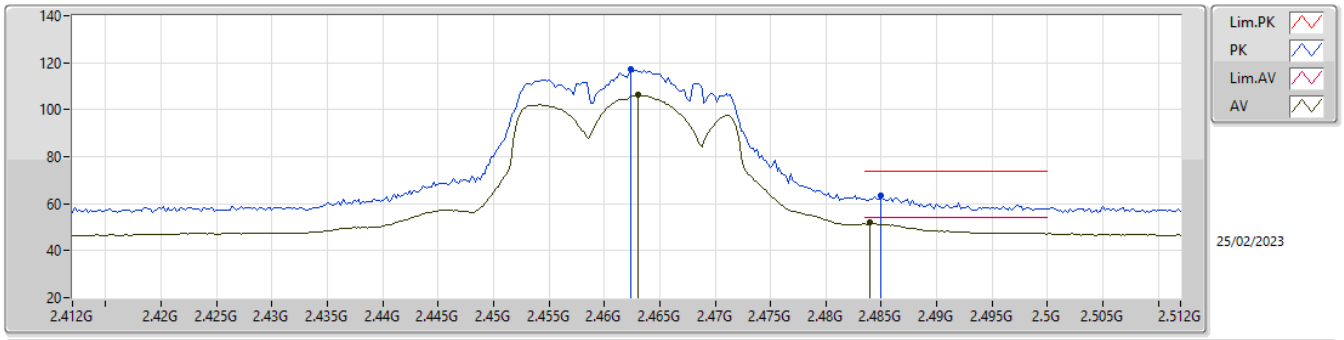
2462MHz_TX



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	2.461G	100.92	Inf	-Inf	31.83	3	Vertical	222	1.47	69.09	27.62	4.21	-
AV	2.4835G	49.09	54.00	-4.91	31.89	3	Vertical	222	1.47	17.20	27.67	4.22	-
PK	2.4602G	111.91	Inf	-Inf	31.83	3	Vertical	222	1.47	80.08	27.62	4.21	-
PK	2.4846G	61.22	74.00	-12.78	31.89	3	Vertical	222	1.47	29.33	27.67	4.22	-

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

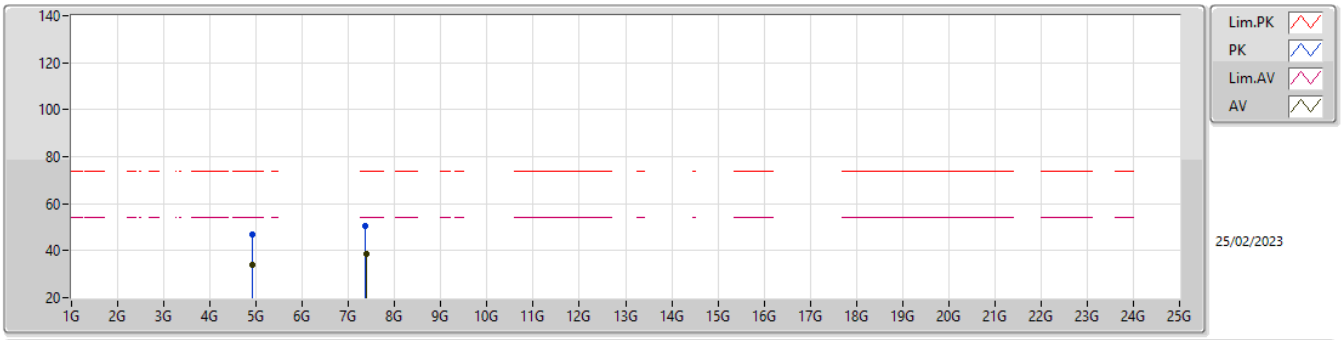
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.463G	106.52	Inf	-Inf	31.84	3	Horizontal	37	1.13	74.68	27.63	4.21	-
AV	2.484G	51.84	54.00	-2.16	31.89	3	Horizontal	37	1.13	19.95	27.67	4.22	-
PK	2.4624G	117.36	Inf	-Inf	31.83	3	Horizontal	37	1.13	85.53	27.62	4.21	-
PK	2.485G	63.61	74.00	-10.39	31.89	3	Horizontal	37	1.13	31.72	27.67	4.22	-

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

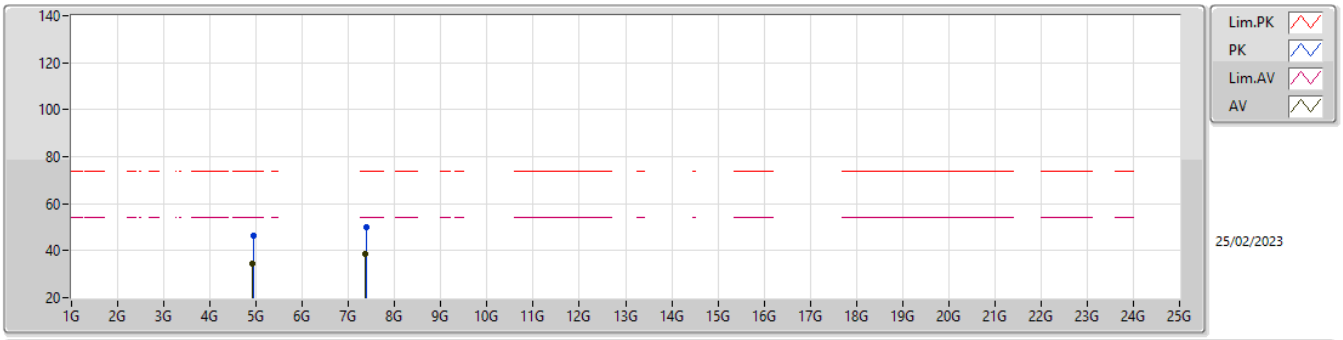
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.92382G	34.21	54.00	-19.79	3.60	3	Vertical	17	2.04	30.61	32.84	5.41	34.65
AV	7.3746G	38.46	54.00	-15.54	8.69	3	Vertical	1	1.50	29.77	36.80	6.67	34.78
PK	4.9279G	47.00	74.00	-27.00	3.64	3	Vertical	17	2.04	43.36	32.87	5.42	34.65
PK	7.37238G	50.65	74.00	-23.35	8.70	3	Vertical	1	1.50	41.95	36.81	6.67	34.78

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

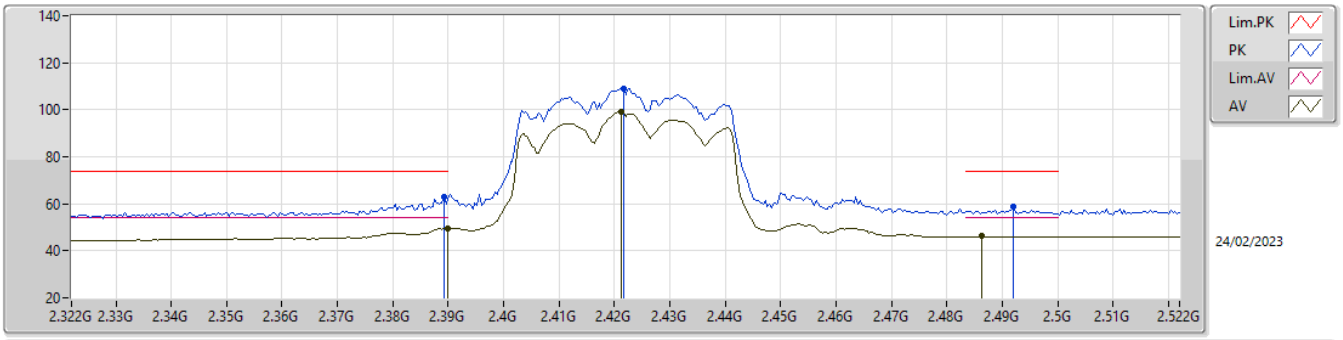
2462MHz_TX



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	4.92442G	34.25	54.00	-19.75	3.61	3	Horizontal	299	2.35	30.64	32.85	5.41	34.65
AV	7.37154G	38.54	54.00	-15.46	8.70	3	Horizontal	321	2.76	29.84	36.81	6.67	34.78
PK	4.93378G	46.13	74.00	-27.87	3.67	3	Horizontal	299	2.35	42.46	32.90	5.42	34.65
PK	7.38162G	50.00	74.00	-24.00	8.65	3	Horizontal	321	2.76	41.35	36.77	6.67	34.79

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

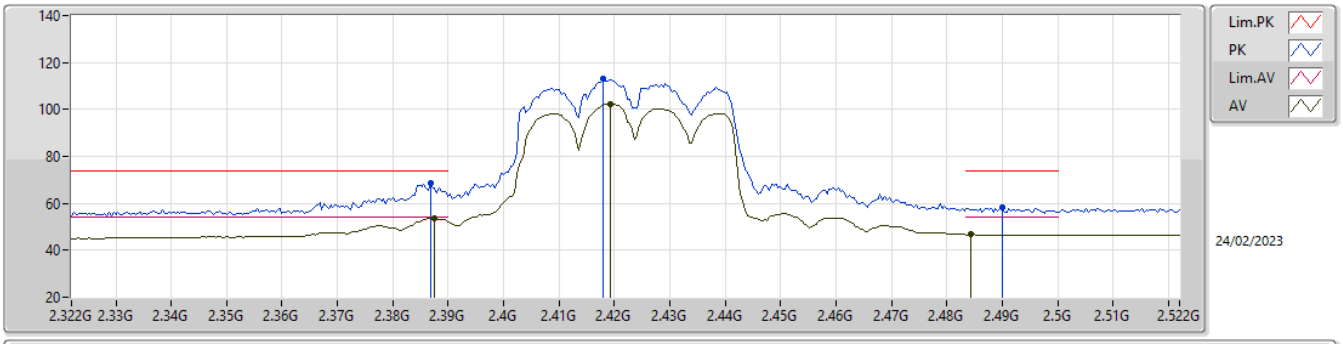
2422MHz_TX



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	49.70	54.00	-4.30	31.14	3	Vertical	360	1.17	18.56	27.38	3.76	-
AV	2.4212G	99.02	Inf	-Inf	31.27	3	Vertical	360	1.17	67.75	27.48	3.79	-
AV	2.4864G	46.21	54.00	-7.79	31.51	3	Vertical	360	1.17	14.70	27.67	3.84	-
PK	2.3892G	62.68	74.00	-11.32	31.14	3	Vertical	360	1.17	31.54	27.38	3.76	-
PK	2.4216G	109.15	Inf	-Inf	31.28	3	Vertical	360	1.17	77.87	27.49	3.79	-
PK	2.492G	58.80	74.00	-15.20	31.53	3	Vertical	360	1.17	27.27	27.68	3.85	-

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

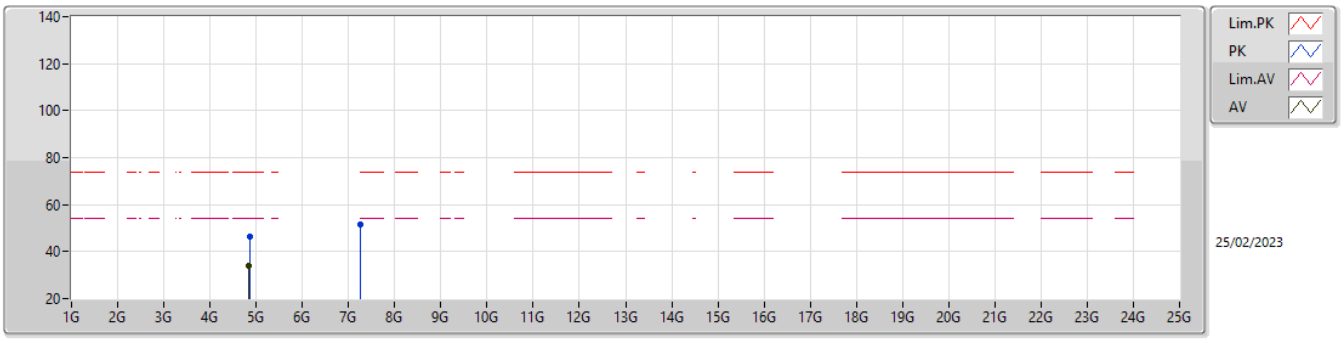
2422MHz_TX



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	2.3876G	53.62	54.00	-0.38	31.14	3	Horizontal	50	1.14	22.48	27.38	3.76	-
AV	2.4192G	102.42	Inf	-Inf	31.27	3	Horizontal	50	1.14	71.15	27.48	3.79	-
AV	2.4844G	46.67	54.00	-7.33	31.51	3	Horizontal	50	1.14	15.16	27.67	3.84	-
PK	2.3868G	68.40	74.00	-5.60	31.13	3	Horizontal	50	1.14	37.27	27.37	3.76	-
PK	2.418G	112.94	Inf	-Inf	31.26	3	Horizontal	50	1.14	81.68	27.47	3.79	-
PK	2.49G	58.20	74.00	-15.80	31.53	3	Horizontal	50	1.14	26.67	27.68	3.85	-

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

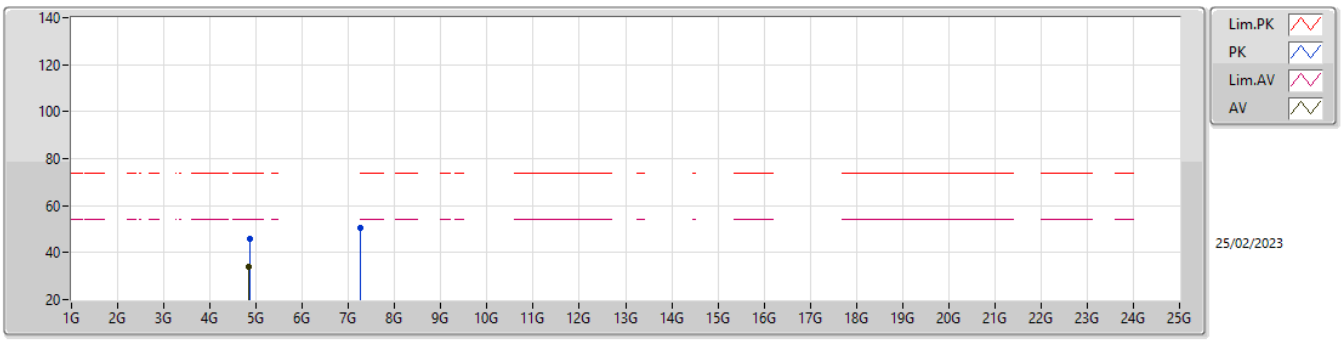
2422MHz_TX



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	4.84568G	34.09	54.00	-19.91	3.17	3	Vertical	123	2.13	30.92	32.47	5.35	34.65
PK	4.85948G	46.58	74.00	-27.42	3.25	3	Vertical	123	2.13	43.33	32.54	5.36	34.65
PK	7.26912G	51.64	74.00	-22.36	8.95	3	Vertical	34	1.50	42.69	37.10	6.62	34.77

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

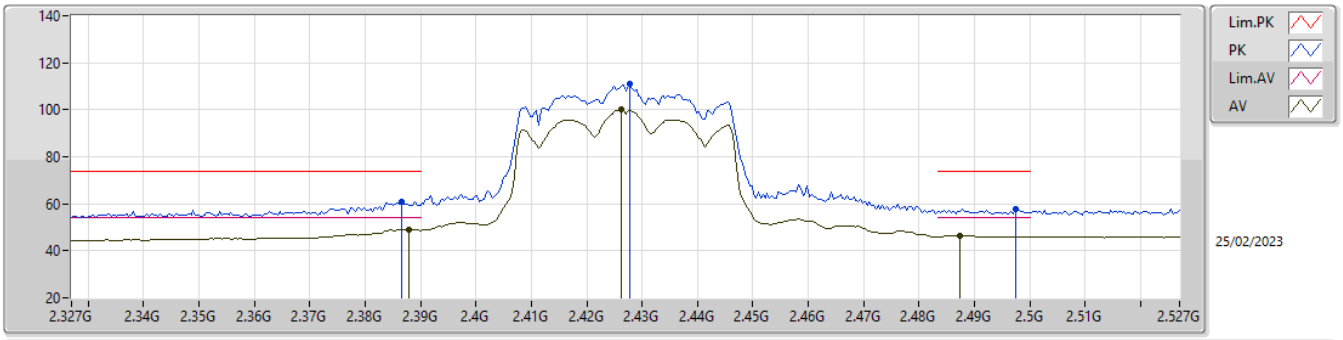
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.84424G	34.11	54.00	-19.89	3.17	3	Horizontal	93	1.96	30.94	32.47	5.35	34.65
PK	4.85744G	45.88	74.00	-28.12	3.24	3	Horizontal	93	1.96	42.64	32.53	5.36	34.65
PK	7.26144G	50.64	74.00	-23.36	8.95	3	Horizontal	46	1.50	41.69	37.10	6.62	34.77

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

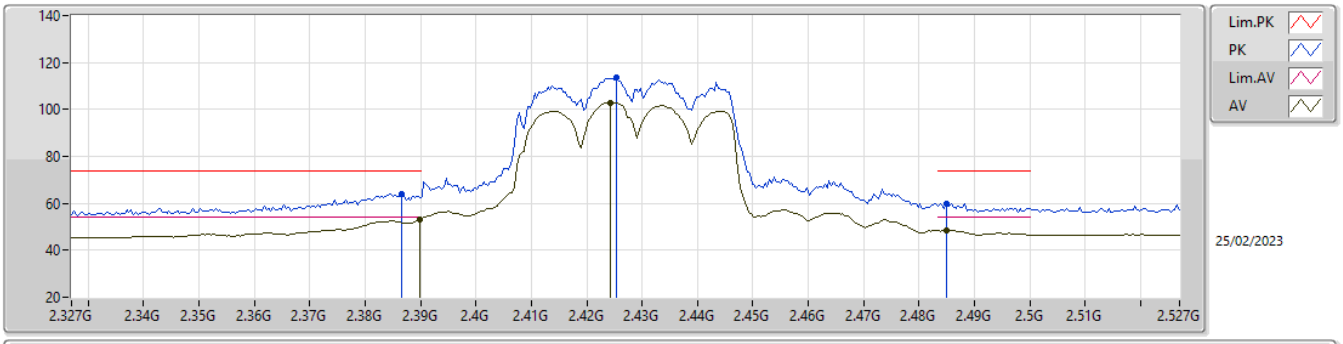
2427MHz_TX



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	2.3878G	49.17	54.00	-4.83	31.14	3	Vertical	360	1.16	18.03	27.38	3.76	-
AV	2.4262G	100.00	Inf	-Inf	31.29	3	Vertical	360	1.16	68.71	27.50	3.79	-
AV	2.4874G	46.33	54.00	-7.67	31.51	3	Vertical	360	1.16	14.82	27.67	3.84	-
PK	2.3866G	60.98	74.00	-13.02	31.13	3	Vertical	360	1.16	29.85	27.37	3.76	-
PK	2.4278G	110.87	Inf	-Inf	31.30	3	Vertical	360	1.16	79.57	27.51	3.79	-
PK	2.4974G	57.97	74.00	-16.03	31.54	3	Vertical	360	1.16	26.43	27.69	3.85	-

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

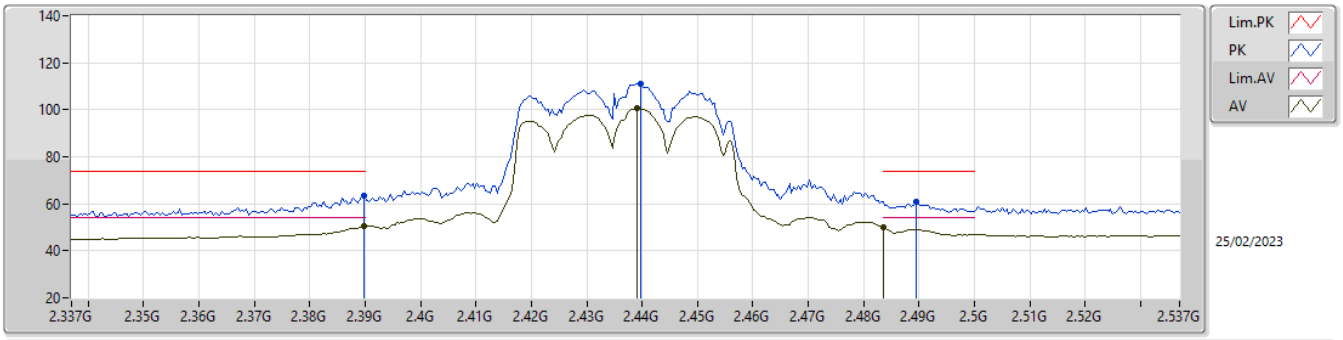
2427MHz_TX



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	52.98	54.00	-1.02	31.14	3	Horizontal	40	1.00	21.84	27.38	3.76	-
AV	2.4242G	102.96	Inf	-Inf	31.29	3	Horizontal	40	1.00	71.67	27.50	3.79	-
AV	2.485G	48.36	54.00	-5.64	31.51	3	Horizontal	40	1.00	16.85	27.67	3.84	-
PK	2.3866G	64.21	74.00	-9.79	31.13	3	Horizontal	40	1.00	33.08	27.37	3.76	-
PK	2.4254G	113.55	Inf	-Inf	31.29	3	Horizontal	40	1.00	82.26	27.50	3.79	-
PK	2.485G	59.97	74.00	-14.03	31.51	3	Horizontal	40	1.00	28.46	27.67	3.84	-

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

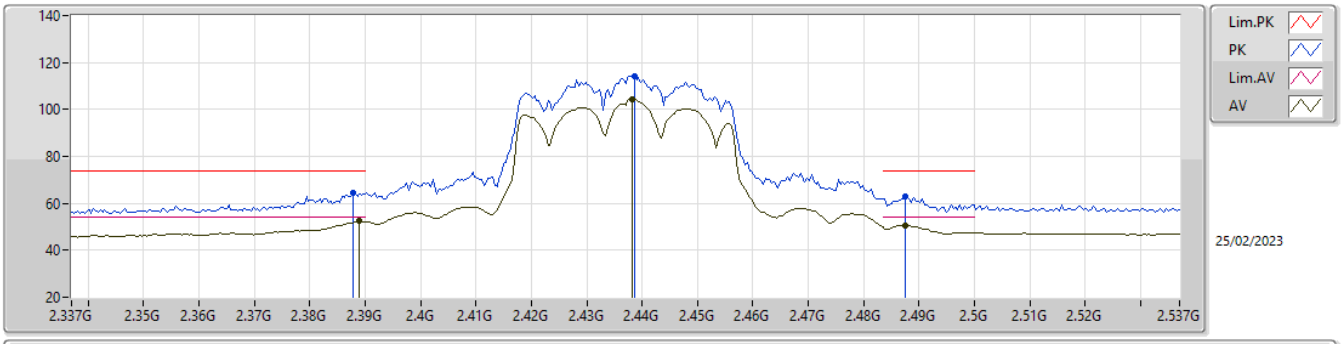
2437MHz_TX



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	50.31	54.00	-3.69	31.14	3	Vertical	0	3.00	19.17	27.38	3.76	-
AV	2.439G	100.44	Inf	-Inf	31.36	3	Vertical	0	3.00	69.08	27.56	3.80	-
AV	2.4835G	50.06	54.00	-3.94	31.51	3	Vertical	0	3.00	18.55	27.67	3.84	-
PK	2.3898G	63.49	74.00	-10.51	31.14	3	Vertical	0	3.00	32.35	27.38	3.76	-
PK	2.4398G	111.11	Inf	-Inf	31.36	3	Vertical	0	3.00	79.75	27.56	3.80	-
PK	2.4894G	60.79	74.00	-13.21	31.53	3	Vertical	0	3.00	29.26	27.68	3.85	-

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

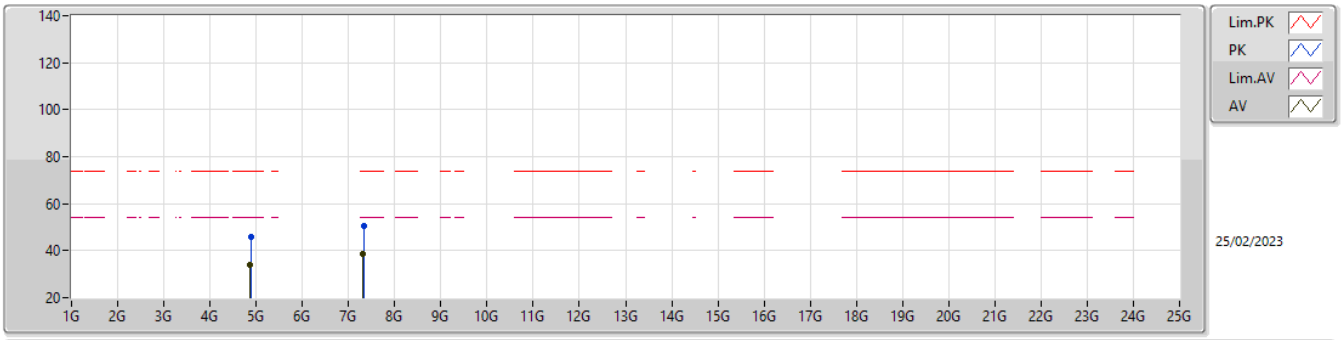
2437MHz_TX



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	2.389G	52.36	54.00	-1.64	31.14	3	Horizontal	50	1.40	21.22	27.38	3.76	-
AV	2.4382G	104.22	Inf	-Inf	31.35	3	Horizontal	50	1.40	72.87	27.55	3.80	-
AV	2.4874G	50.56	54.00	-3.44	31.51	3	Horizontal	50	1.40	19.05	27.67	3.84	-
PK	2.3878G	64.66	74.00	-9.34	31.14	3	Horizontal	50	1.40	33.52	27.38	3.76	-
PK	2.4386G	114.23	Inf	-Inf	31.35	3	Horizontal	50	1.40	82.88	27.55	3.80	-
PK	2.4874G	62.89	74.00	-11.11	31.51	3	Horizontal	50	1.40	31.38	27.67	3.84	-

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

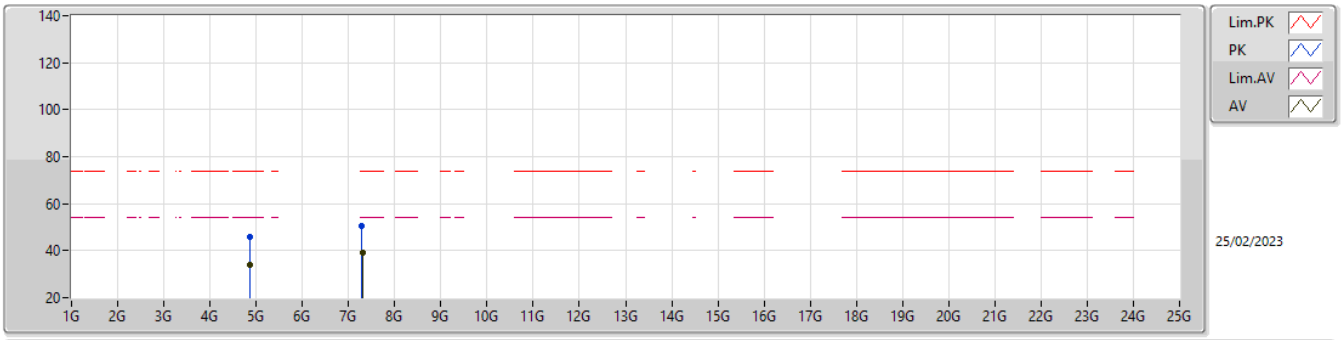
2437MHz_TX



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	4.87516G	34.01	54.00	-19.99	3.33	3	Vertical	0	1.50	30.68	32.60	5.38	34.65
AV	7.30752G	38.87	54.00	-15.13	8.93	3	Vertical	234	2.29	29.94	37.07	6.64	34.78
PK	4.89668G	45.64	74.00	-28.36	3.43	3	Vertical	0	1.50	42.21	32.69	5.39	34.65
PK	7.32792G	50.47	74.00	-23.53	8.86	3	Vertical	234	2.29	41.61	36.99	6.65	34.78

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

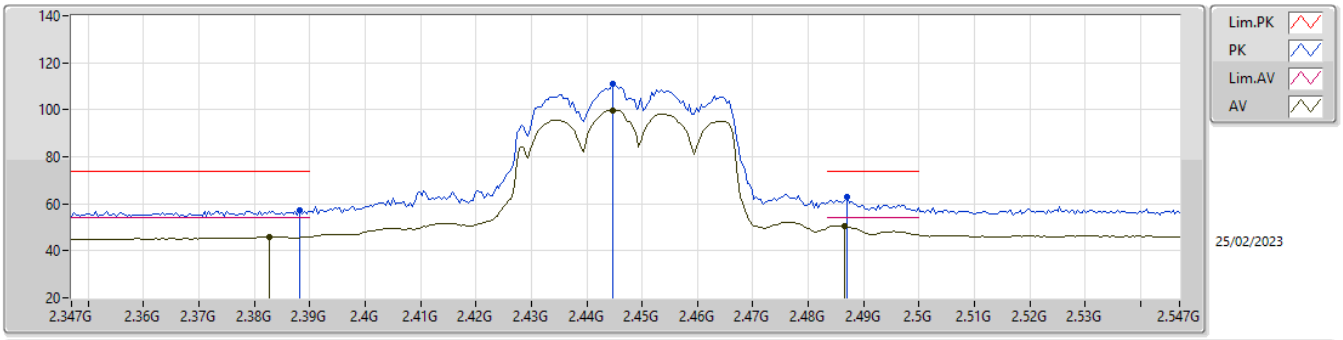
2437MHz_TX



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	4.85468G	34.06	54.00	-19.94	3.23	3	Horizontal	17	1.68	30.83	32.52	5.36	34.65
AV	7.308G	39.02	54.00	-14.98	8.93	3	Horizontal	1	1.54	30.09	37.07	6.64	34.78
PK	4.87292G	45.79	74.00	-28.21	3.31	3	Horizontal	17	1.68	42.48	32.59	5.37	34.65
PK	7.28544G	50.49	74.00	-23.51	8.96	3	Horizontal	1	1.54	41.53	37.10	6.63	34.77

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

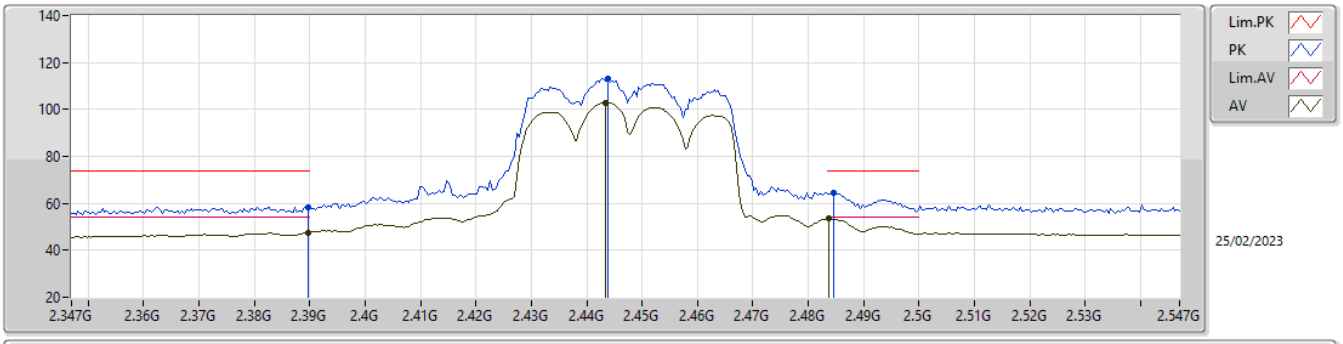
2447MHz_TX



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	2.3826G	46.03	54.00	-7.97	31.12	3	Vertical	360	2.94	14.91	27.37	3.75	-
AV	2.4446G	99.85	Inf	-Inf	31.39	3	Vertical	360	2.94	68.46	27.58	3.81	-
AV	2.4866G	50.55	54.00	-3.45	31.51	3	Vertical	360	2.94	19.04	27.67	3.84	-
PK	2.3882G	57.10	74.00	-16.90	31.14	3	Vertical	360	2.94	25.96	27.38	3.76	-
PK	2.4446G	111.10	Inf	-Inf	31.39	3	Vertical	360	2.94	79.71	27.58	3.81	-
PK	2.487G	63.07	74.00	-10.93	31.51	3	Vertical	360	2.94	31.56	27.67	3.84	-

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	47.47	54.00	-6.53	31.14	3	Horizontal	49	1.46	16.33	27.38	3.76	-
AV	2.4434G	102.84	Inf	-Inf	31.38	3	Horizontal	49	1.46	71.46	27.57	3.81	-
AV	2.4838G	53.74	54.00	-0.26	31.51	3	Horizontal	49	1.46	22.23	27.67	3.84	-
PK	2.3898G	58.32	74.00	-15.68	31.14	3	Horizontal	49	1.46	27.18	27.38	3.76	-
PK	2.4438G	113.09	Inf	-Inf	31.39	3	Horizontal	49	1.46	81.70	27.58	3.81	-
PK	2.4846G	64.58	74.00	-9.42	31.51	3	Horizontal	49	1.46	33.07	27.67	3.84	-

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

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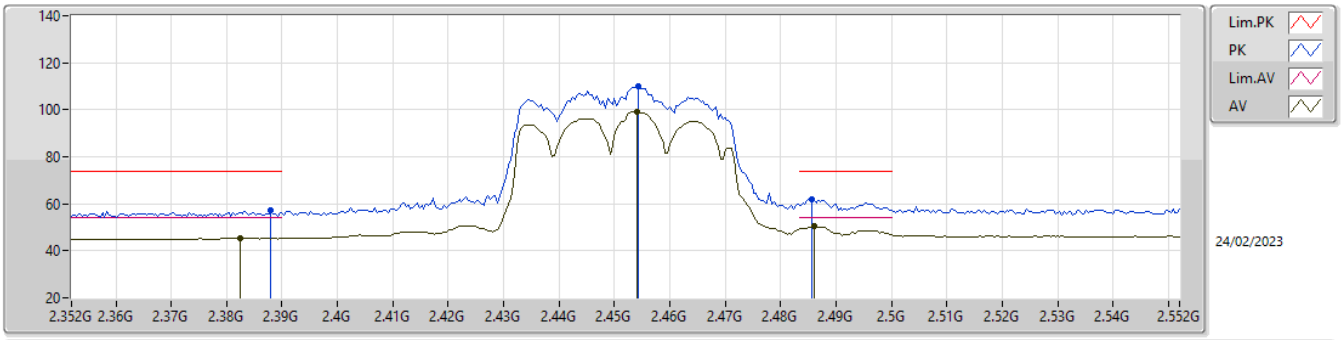
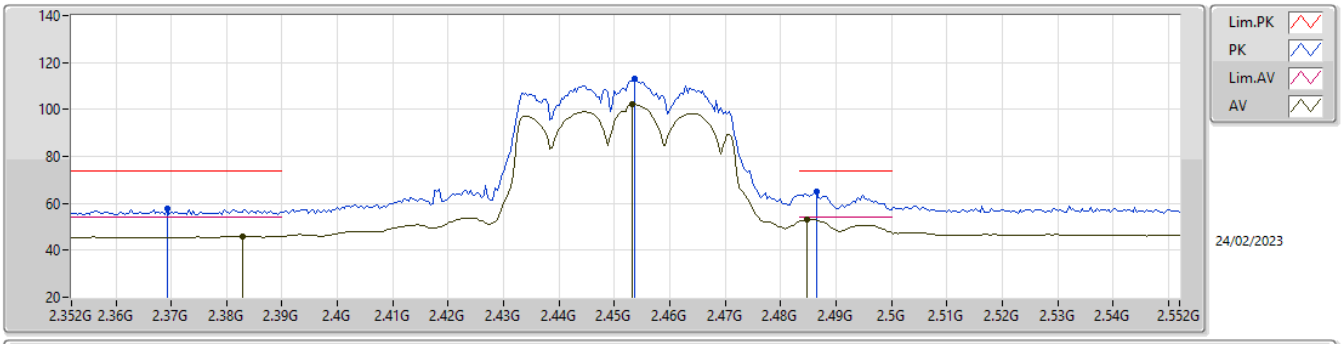


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3824G	45.37	54.00	-8.63	31.11	3	Vertical	0	2.96	14.26	27.36	3.75	-
AV	2.454G	99.19	Inf	-Inf	31.43	3	Vertical	0	2.96	67.76	27.61	3.82	-
AV	2.486G	50.27	54.00	-3.73	31.51	3	Vertical	0	2.96	18.76	27.67	3.84	-
PK	2.388G	57.15	74.00	-16.85	31.14	3	Vertical	0	2.96	26.01	27.38	3.76	-
PK	2.4544G	109.90	Inf	-Inf	31.43	3	Vertical	0	2.96	78.47	27.61	3.82	-
PK	2.4856G	62.03	74.00	-11.97	31.51	3	Vertical	0	2.96	30.52	27.67	3.84	-

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

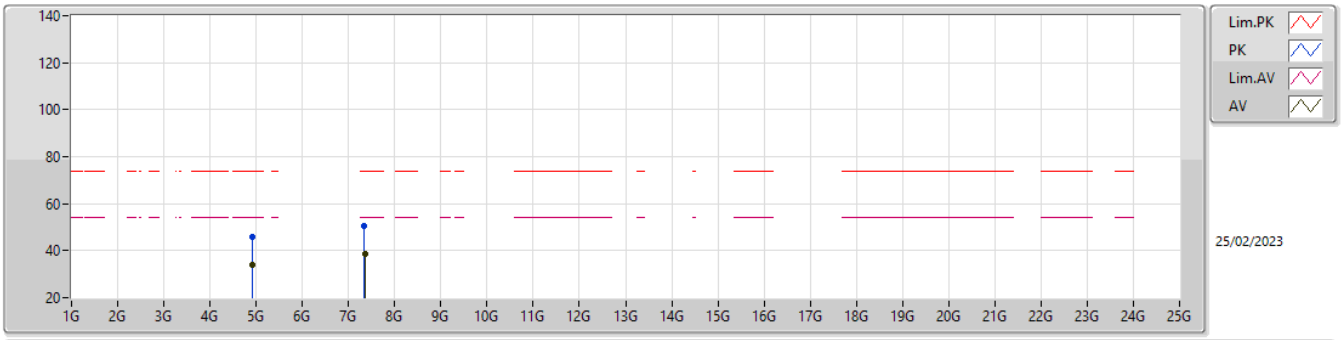
2452MHz_TX



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	2.3828G	46.04	54.00	-7.96	31.12	3	Horizontal	48	1.00	14.92	27.37	3.75	-
AV	2.4532G	102.08	Inf	-Inf	31.43	3	Horizontal	48	1.00	70.65	27.61	3.82	-
AV	2.4848G	53.08	54.00	-0.92	31.51	3	Horizontal	48	1.00	21.57	27.67	3.84	-
PK	2.3692G	57.62	74.00	-16.38	31.08	3	Horizontal	48	1.00	26.54	27.34	3.74	-
PK	2.4536G	112.96	Inf	-Inf	31.43	3	Horizontal	48	1.00	81.53	27.61	3.82	-
PK	2.4864G	65.00	74.00	-9.00	31.51	3	Horizontal	48	1.00	33.49	27.67	3.84	-

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

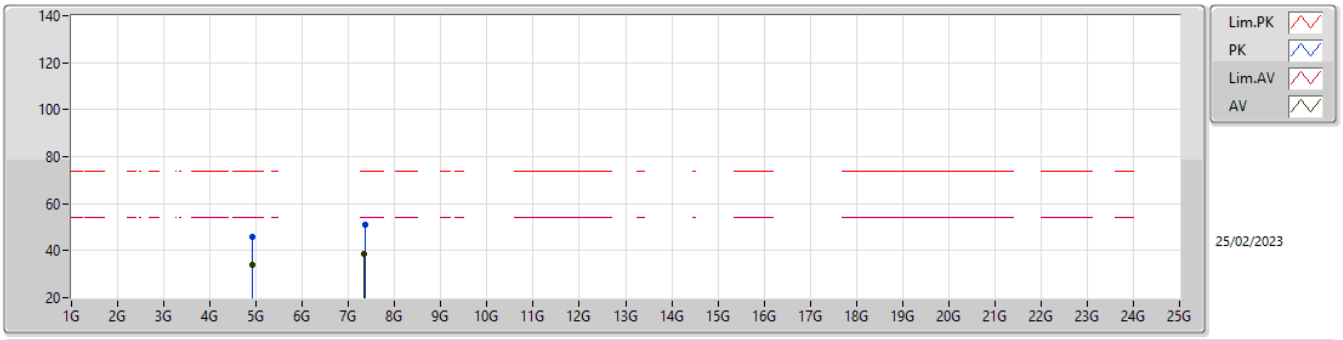
2452MHz_TX



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	4.9238G	34.17	54.00	-19.83	3.60	3	Vertical	234	1.50	30.57	32.84	5.41	34.65
AV	7.36284G	38.70	54.00	-15.30	8.73	3	Vertical	20	1.50	29.97	36.85	6.66	34.78
PK	4.92572G	45.87	74.00	-28.13	3.61	3	Vertical	234	1.50	42.26	32.85	5.41	34.65
PK	7.33368G	50.47	74.00	-23.53	8.84	3	Vertical	20	1.50	41.63	36.97	6.65	34.78

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	4.92272G	34.12	54.00	-19.88	3.60	3	Horizontal	328	1.50	30.52	32.84	5.41	34.65
AV	7.32852G	38.78	54.00	-15.22	8.86	3	Horizontal	65	1.50	29.92	36.99	6.65	34.78
PK	4.9166G	46.12	74.00	-27.88	3.56	3	Horizontal	328	1.50	42.56	32.80	5.41	34.65
PK	7.36428G	51.27	74.00	-22.73	8.72	3	Horizontal	65	1.50	42.55	36.84	6.66	34.78

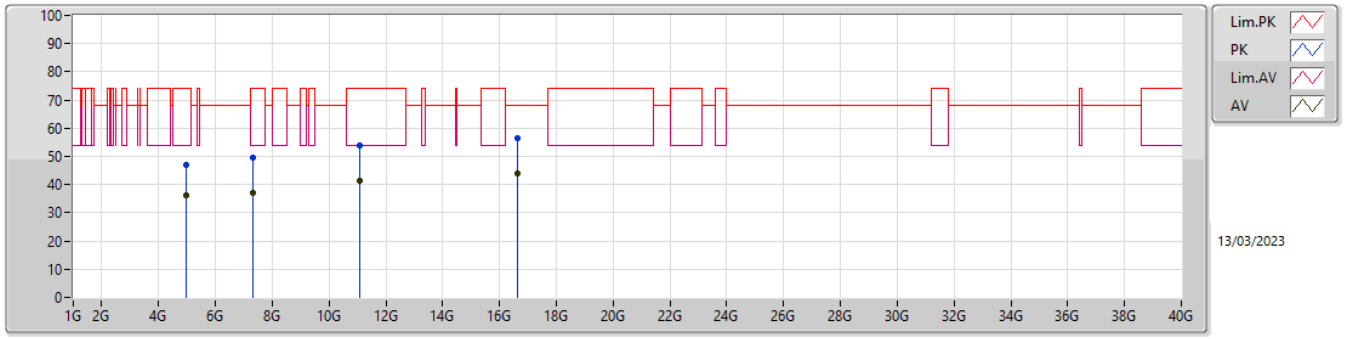
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	16.6528G	56.57	68.20	-11.63	Vertical

Result

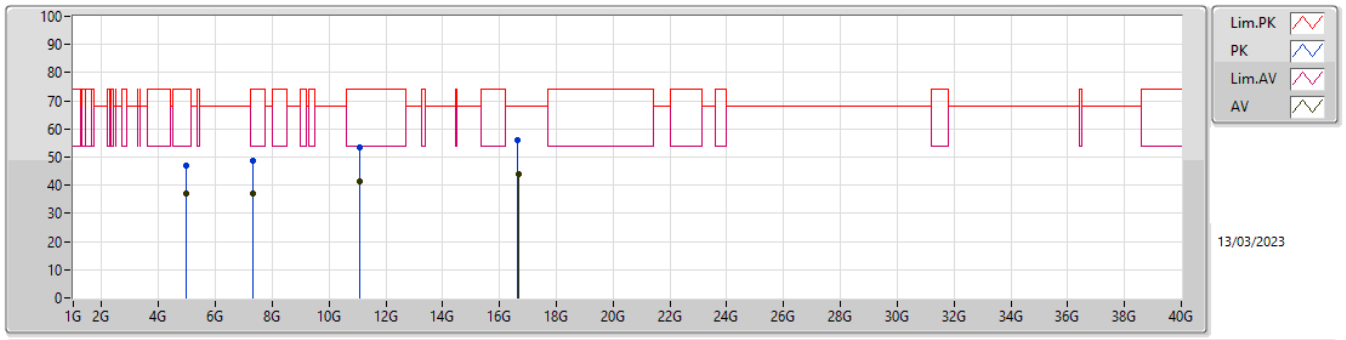
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.96G	36.19	54.00	-17.81	3	Vertical	23	1.00	-
Mode 1	Pass	AV	7.3012G	37.06	54.00	-16.94	3	Vertical	122	1.50	-
Mode 1	Pass	AV	11.09096G	41.26	54.00	-12.74	3	Vertical	40	1.50	-
Mode 1	Pass	AV	16.65488G	43.94	68.20	-24.26	3	Vertical	118	1.50	-
Mode 1	Pass	PK	4.95996G	47.07	74.00	-26.93	3	Vertical	23	1.00	-
Mode 1	Pass	PK	7.3054G	49.54	74.00	-24.46	3	Vertical	122	1.50	-
Mode 1	Pass	PK	11.09008G	53.79	74.00	-20.21	3	Vertical	40	1.50	-
Mode 1	Pass	PK	16.6528G	56.57	68.20	-11.63	3	Vertical	118	1.50	-
Mode 1	Pass	AV	4.96004G	37.08	54.00	-16.92	3	Horizontal	30	1.46	-
Mode 1	Pass	AV	7.30072G	36.92	54.00	-17.08	3	Horizontal	287	2.27	-
Mode 1	Pass	AV	11.09817G	41.18	54.00	-12.82	3	Horizontal	242	1.50	-
Mode 1	Pass	AV	16.66G	44.16	68.20	-24.04	3	Horizontal	291	1.49	-
Mode 1	Pass	PK	4.95976G	47.15	74.00	-26.85	3	Horizontal	30	1.46	-
Mode 1	Pass	PK	7.30444G	48.92	74.00	-25.08	3	Horizontal	287	2.27	-
Mode 1	Pass	PK	11.09951G	53.63	74.00	-20.37	3	Horizontal	242	1.50	-
Mode 1	Pass	PK	16.64204G	56.21	68.20	-11.99	3	Horizontal	291	1.49	-

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.96G	36.19	54.00	-17.81	5.76	3	Vertical	23	1.00	-	30.43	33.12	6.91	34.27
AV	7.3012G	37.06	54.00	-16.94	10.62	3	Vertical	122	1.50	-	26.44	36.90	8.52	34.80
AV	11.09096G	41.26	54.00	-12.74	15.13	3	Vertical	40	1.50	-	26.13	39.00	10.63	34.50
AV	16.65488G	43.94	68.20	-24.26	18.15	3	Vertical	118	1.50	-	25.79	38.41	13.42	33.68
PK	4.95996G	47.07	74.00	-26.93	5.76	3	Vertical	23	1.00	-	41.31	33.12	6.91	34.27
PK	7.3054G	49.54	74.00	-24.46	10.60	3	Vertical	122	1.50	-	38.94	36.88	8.52	34.80
PK	11.09008G	53.79	74.00	-20.21	15.13	3	Vertical	40	1.50	-	38.66	39.00	10.63	34.50
PK	16.6528G	56.57	68.20	-11.63	18.15	3	Vertical	118	1.50	-	38.42	38.41	13.42	33.68

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.96004G	37.08	54.00	-16.92	5.76	3	Horizontal	30	1.46	-	31.32	33.12	6.91	34.27
AV	7.30072G	36.92	54.00	-17.08	10.62	3	Horizontal	287	2.27	-	26.30	36.90	8.52	34.80
AV	11.09817G	41.18	54.00	-12.82	15.14	3	Horizontal	242	1.50	-	26.04	39.00	10.64	34.50
AV	16.66G	44.16	68.20	-24.04	18.18	3	Horizontal	291	1.49	-	25.98	38.42	13.43	33.67
PK	4.95976G	47.15	74.00	-26.85	5.76	3	Horizontal	30	1.46	-	41.39	33.12	6.91	34.27
PK	7.30444G	48.92	74.00	-25.08	10.60	3	Horizontal	287	2.27	-	38.32	36.88	8.52	34.80
PK	11.09951G	53.63	74.00	-20.37	15.14	3	Horizontal	242	1.50	-	38.49	39.00	10.64	34.50
PK	16.64204G	56.21	68.20	-11.99	18.09	3	Horizontal	291	1.49	-	38.12	38.38	13.41	33.70