FCC Radio Test Report

FCC ID	:	G95OWA7111
Equipment	:	Wi-Fi 6E Extender
Brand Name	:	technicolor, Google Fiber
Model Name	:	OWA7111TCH3, OWA7111TCH3P, OWA7111GFR, GE6E210T
Applicant	:	Vantiva USA LLC 4855 Peachtree Industrial Blvd., Suite 200, Norcross, Georgia 30092 U.S.A.
Manufacturer	:	Fuhong Precision Component (BacGiang) Co., Ltd. Dinh Tram Industrial Park Viet YenDistrict, BAC GIANG PROVINCE, Vietnam
Standard	:	47 CFR FCC Part 15.247

The product was received on Feb. 09, 2023, and testing was started from Mar. 14, 2023 and completed on May 19, 2023. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR320924AC	01	Initial issue of report	Jun. 20, 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:
None

Reviewed by: Ryan Hsiao

Report Producer: Michelle Tsai

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	1TX
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 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	Support	Remark
1	NA	NA	PCB	I-Pex	6GHz	Radio 3
2	NA	NA	PCB	I-Pex	6GHz	
3	NA	NA	PCB	I-Pex	6GHz	
4	NA	NA	PCB	I-Pex	6GHz	
5	NA	NA	PCB	I-Pex	2.4GHz + 5GHz	Radio 1
6	NA	NA	PCB	I-Pex	2.4GHz + 5GHz	
7	NA	NA	PCB	I-Pex	Bluetooth	Radio 2

Ant.	Port	Gain (dBi)			
		6GHz			
		U-NII-5	U-NII-6	U-NII-7	U-NII-8
1	1	1.51	1.68	1.23	2.01
2	2	2.4	3.01	3.32	3.22
3	3	2.23	2.76	4.06	3.84
4	4	2.06	1.85	2.35	3.51

Ant.	Port	Gain (dBi)							
		2.4GHz	Bluetooth			5GHz			
			2400 (MHz)	2450 (MHz)	2483(MHz)	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
5	1	1.79	-	-	-	1.21	1.5	2.17	2.68
6	2	1.95	-	-	-	1.39	1.8	2.7	3.87
7	1	-	2.5	3.4	3.98	-	-	-	-

Composite Gain (dBi)					
Stream	2.4G	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
1SS	2.51	2.73	2.15	2.92	3.99
2SS	1.95	1.39	1.8	2.7	3.87

Note 1: The EUT has seven antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP320924.

For 2.4GHz function:

For IEEE 802.11b mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was Ant. 5(port 1) and it was recorded in this test report.

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

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

For BT function:

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

Ant. 7 can be used as transmitting/receiving antenna.

For 5GHz function:
For IEEE 802.11 a/n/ac/ax mode (2TX/2RX)
Ant. 5 (port 1) ~ Ant. 6 (port 2) could transmit/receive simultaneously.
For 6GHz function:
For IEEE 802.11 ax mode (4TX/4RX)
Ant. 1 (port 1) ~ Ant. 4 (port 4) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
Software Version	5.04L.03			
Hardware Version	FGR			
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)_1TX(Port1)	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11b_Nss1,(1Mbps)_2TX	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_2TX	0.99	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	0.989	0.05	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	0.95	0.22	2.926m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.948	0.23	4.358m	300

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

1.1.5 Table for Multiple Listing

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

Brand Name	Model Name	Description
technicolor	OWA7111TCH3, OWA7111TCH3P, OWA7111GFR	All the models are identical, the difference model for difference brand served as marketing strategy.
Google Fiber	GE6E210T	

Note: OWA7111TCH3 was measured during the test.

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	TaiKun Lee	23.4~24.8°C/50~53%	15/May/2023
RF Conducted	TH01-HY	Luby hsu	21.8~23.4°C/50~51%	28/Apr/2023~11/May/2023
Radiated	03CH02-HY	Jack Tang	21.4~23.5°C/56~61%	14/Mar/2023~19/May/2023
Radiated (Co-location)	03CH02-HY	Jack Tang	22.7~23.1°C/60~61%	19/May/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.				

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	accessMTool_REL_3_2_1_5

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port1)	-
2412MHz	106
2437MHz	106
2462MHz	106
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	106
2437MHz	106
2462MHz	105
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	85
2417MHz	94
2437MHz	98
2457MHz	90
2462MHz	80
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	85
2417MHz	94
2437MHz	98
2457MHz	90
2462MHz	80
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	81
2427MHz	82
2437MHz	90
2447MHz	87
2452MHz	83

Beamforming

Test Software Version	PuTTY Release 0.62

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	81
2417MHz	95
2437MHz	98
2457MHz	85
2462MHz	73
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	79
2427MHz	83
2437MHz	91
2447MHz	86
2452MHz	86

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	Adapter 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	Adapter 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 + 6GHz WLAN + Bluetooth
Refer to Sporton Test Report No.: FA320924 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

AC Adapter	Brand Name	ASIAN POWER
	Model Name	ADS-24FUA-12 12024EPCU
	Power Rating	I/P:100-120Vac, 0.7A, O/P: 12Vdc, 2.0A
	DC Power Cable	1.15 meter, non-shielded cable, w/o ferrite core
RJ45 Cable	Signal Line	1.45 meter, non-shielded cable

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

2.4 Support Equipment

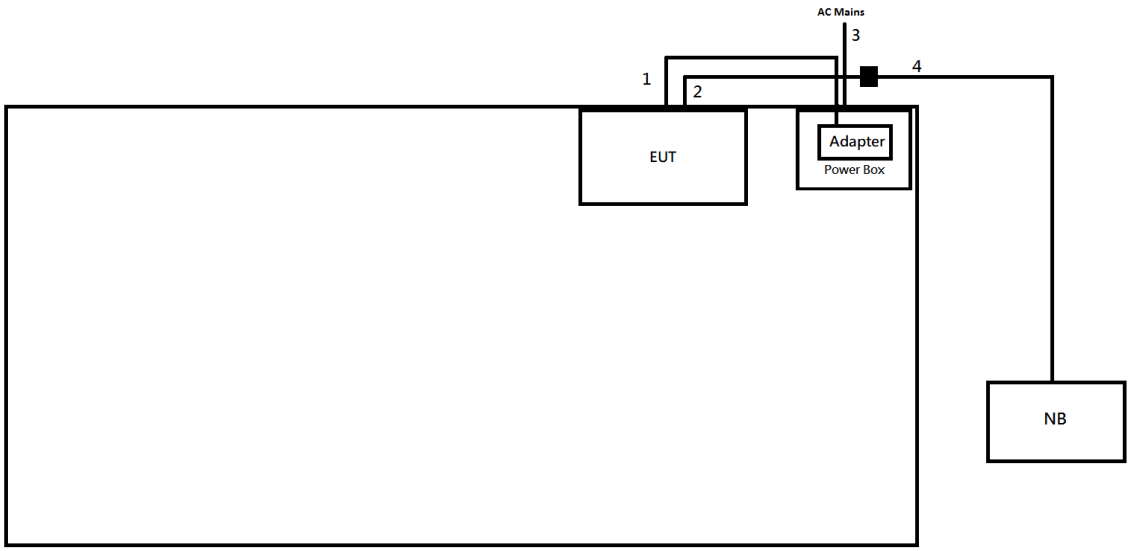
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	HP	5220M	-	Remote
2	RJ45 Cable	Powersync	CAT-6E-10	-	Remote

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Client	Technicolor	OWA7111TCH3	-	Provided by Customer/ Beamforming/ Remote
2	Notebook	HP	5220M	-	Remote
3	RJ45 Cable	Powersync	CAT-6E-10	-	Remote

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Client	Technicolor	OWA7111TCH3	-	Provided by Customer/ Beamforming
4	Adapter	HONOR	ADS-24FUA-12 12024EPCU	-	Provided by Customer/ Beamforming
5	Notebook	DELL	E5410	-	Beamforming
6	Adapter for NB	DELL	HA65NM130	-	Beamforming

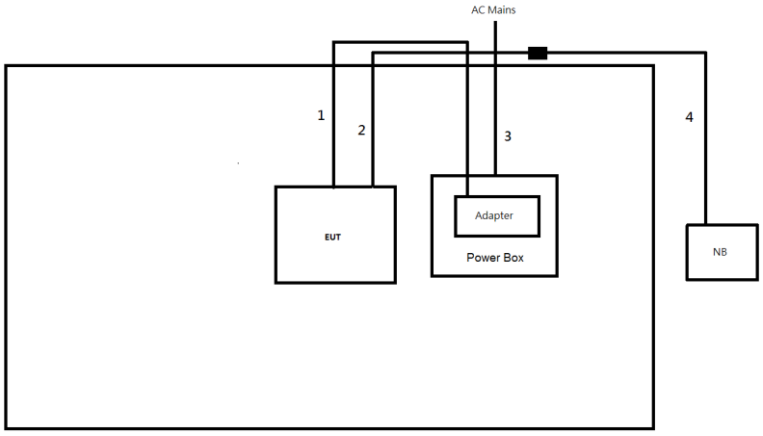
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



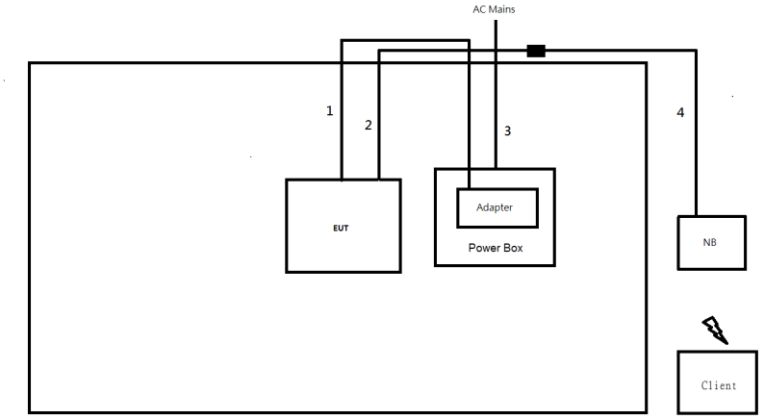
Item	Connection	Shielded	Length(m)	Remark
1	DC Power cable	No	1.15	-
2	RJ45 cable	No	1.45	-
3	AC Power cable	No	1.0	-
4	RJ45 cable	No	10.0	-

Test Setup Diagram - Radiated Test (Non-Beamforming)



Item	Connection	Shielded	Length(m)	Remark
1	DC Power cable	No	1.15	-
2	RJ45 Cable	No	1.45	-
3	AC Power cable	No	1.8	-
4	RJ45 Cable	No	10.0	-

Test Setup Diagram - Radiated Test (Beamforming)



Item	Connection	Shielded	Length(m)	Remark
1	DC Power cable	No	1.15	-
2	RJ45 Cable	No	1.45	-
3	AC Power cable	No	1.8	-
4	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

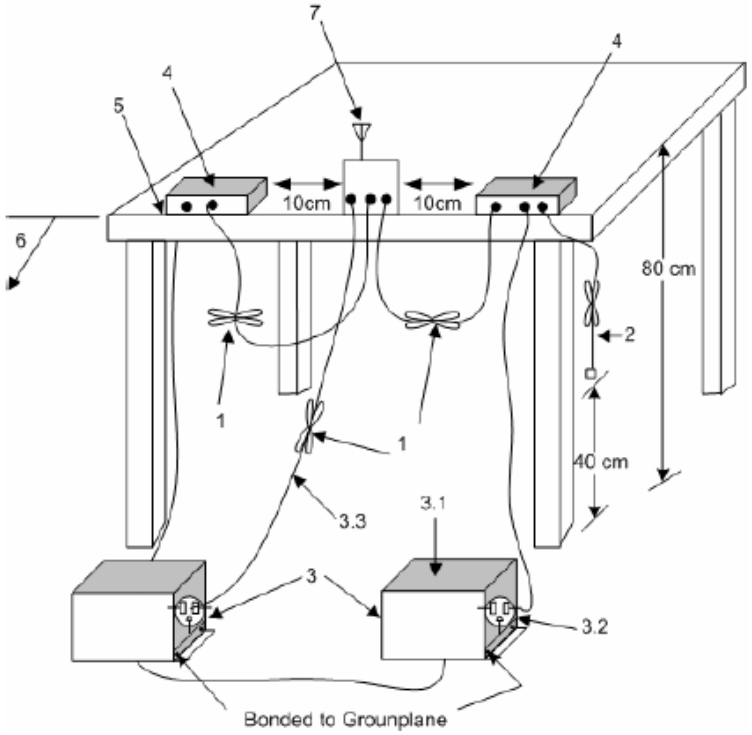
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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 50Ωloads. 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.

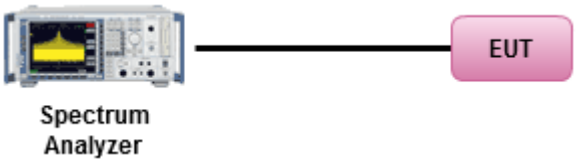
3.2.2 Measuring Instruments

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

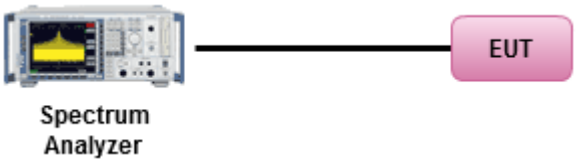
3.4.2 Measuring Instruments

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.	

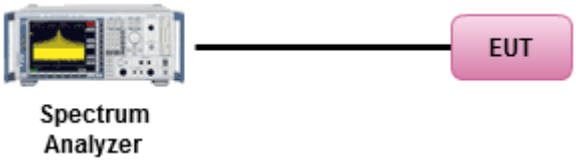
3.5.2 Measuring Instruments

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.

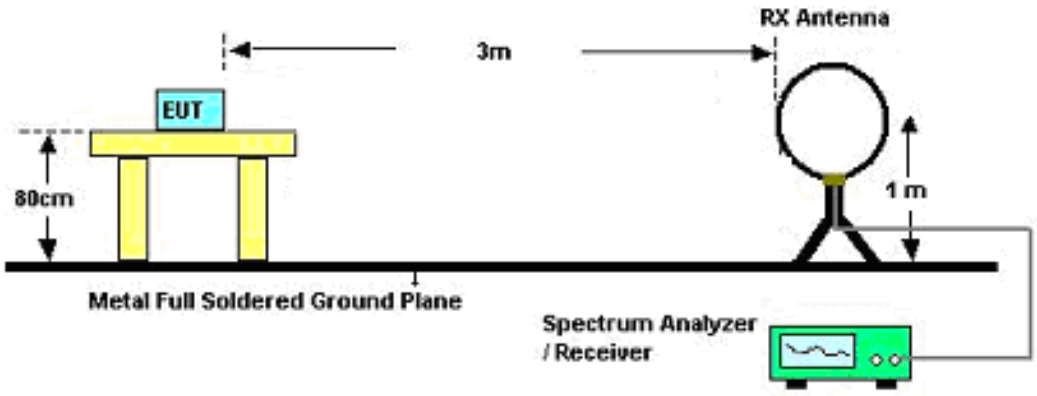
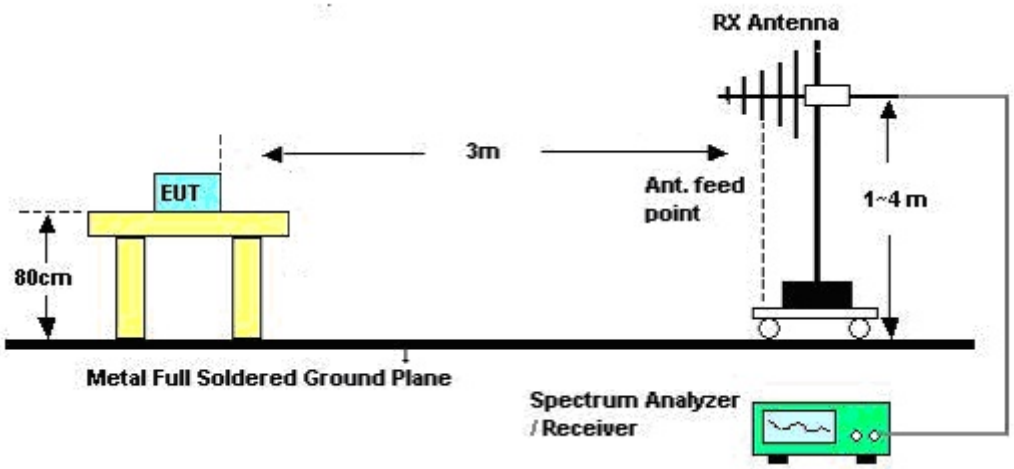
3.6.3 Test Procedures

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.

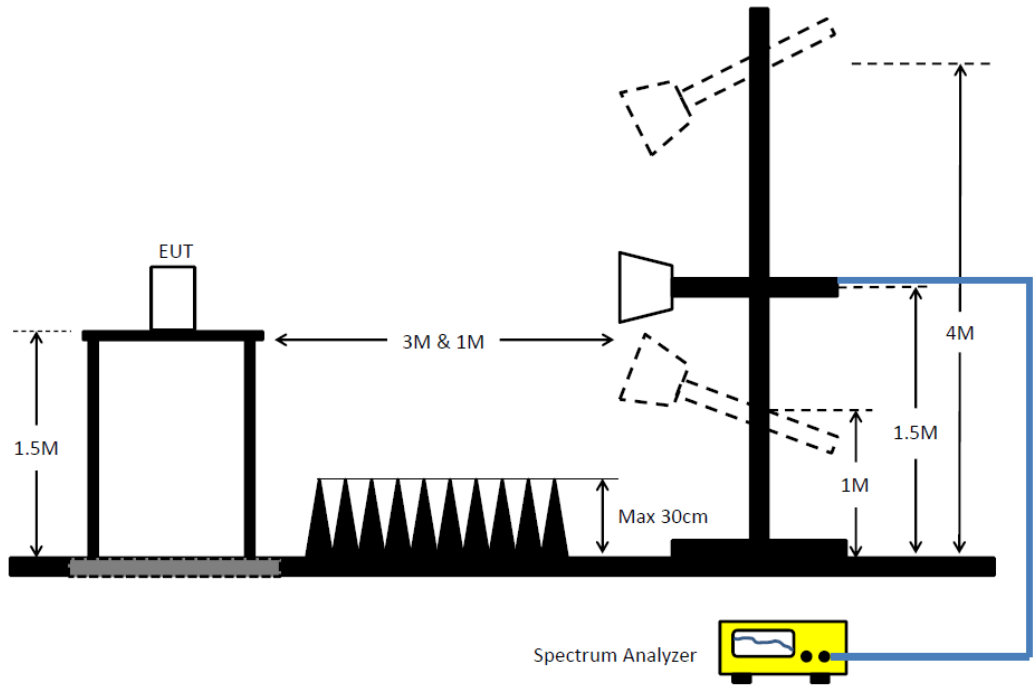
3.6.4 Measurement Results Calculation

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	102318	9kHz ~ 3.6GHz	29/Dec/2022	28/Dec/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	10/Apr/2023	09/Apr/2024
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	V5.11.5	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	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	25/Mar/2023	24/Mar/2024
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	10/Feb/2023	09/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	25/Mar/2023	24/Mar/2024
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	16/Mar/2023	15/Mar/2024
SENSE-EMI	Sporton	Sporton	V5.11.3	NA	NA	NA

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	31/Jul/2022	30/Jul/2023
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	08/Apr/2022	07/Apr/2023
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	25/Mar/2023	24/Mar/2024
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	28/Jun/2022	27/Jun/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	28/Aug/2022	27/Aug/2023
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	9kHz~30MHz	20/Dec/2022	19/Dec/2023
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	30MHz~1GHz	20/Dec/2022	19/Dec/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	10/Feb/2023	09/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	25/Mar/2023	24/Mar/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	15GHz~40GHz	14/May/2022	13/May/2023
Amplifier	EM	EM18G40GA	060874	18GHz~40GHz	23/Aug/2022	22/Aug/2023
Passive Loop Antenna	ETS-LINDGREN	6509	213895	1kHz~30MHz	07/Oct/2022	06/Oct/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	30/May/2022	29/May/2023
SENSE-15247_DTS	Sporton	Sporton	V5.11.6	NA	NA	NA

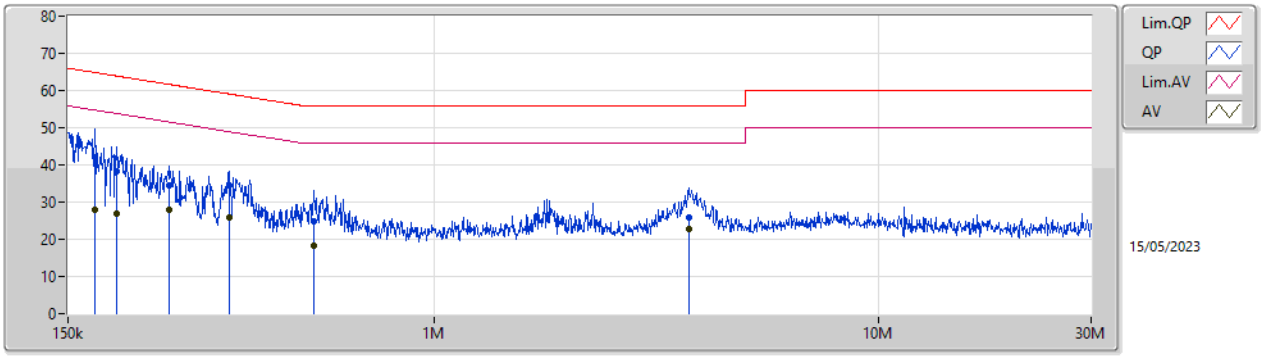
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	159.256k	45.19	65.50	-20.31	Neutral

Result

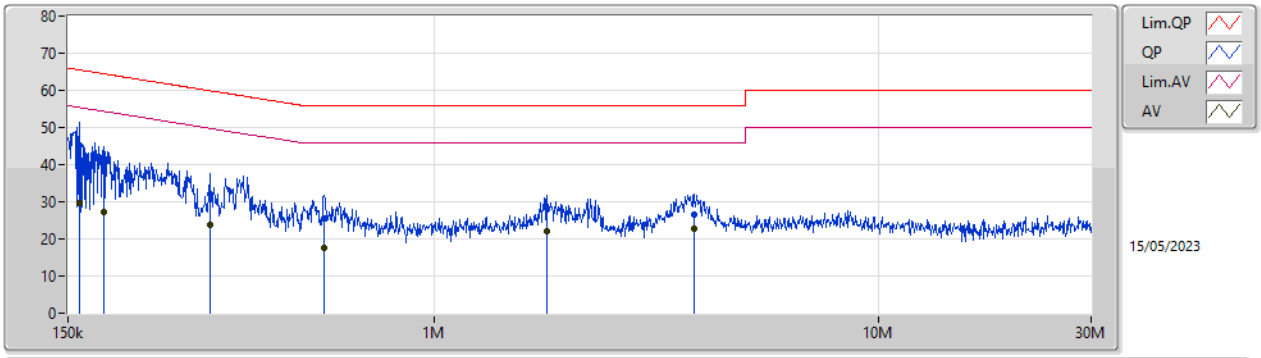
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	172.493k	42.20	64.83	-22.63	Line	-
Mode 1	Pass	AV	172.493k	28.03	54.83	-26.80	Line	-
Mode 1	Pass	QP	192.892k	38.20	63.92	-25.72	Line	-
Mode 1	Pass	AV	192.892k	27.00	53.92	-26.92	Line	-
Mode 1	Pass	QP	253.051k	34.56	61.66	-27.10	Line	-
Mode 1	Pass	AV	253.051k	27.81	51.66	-23.85	Line	-
Mode 1	Pass	QP	345.491k	34.32	59.08	-24.76	Line	-
Mode 1	Pass	AV	345.491k	25.88	49.08	-23.20	Line	-
Mode 1	Pass	QP	535.976k	24.89	56.00	-31.11	Line	-
Mode 1	Pass	AV	535.976k	18.37	46.00	-27.63	Line	-
Mode 1	Pass	QP	3.73M	25.76	56.00	-30.24	Line	-
Mode 1	Pass	AV	3.73M	22.88	46.00	-23.12	Line	-
Mode 1	Pass	QP	159.256k	45.19	65.50	-20.31	Neutral	-
Mode 1	Pass	AV	159.256k	29.60	55.50	-25.90	Neutral	-
Mode 1	Pass	QP	180.236k	40.31	64.47	-24.16	Neutral	-
Mode 1	Pass	AV	180.236k	27.18	54.47	-27.29	Neutral	-
Mode 1	Pass	QP	312.676k	32.05	59.90	-27.85	Neutral	-
Mode 1	Pass	AV	312.676k	23.93	49.90	-25.97	Neutral	-
Mode 1	Pass	QP	566.784k	25.41	56.00	-30.59	Neutral	-
Mode 1	Pass	AV	566.784k	17.63	46.00	-28.37	Neutral	-
Mode 1	Pass	QP	1.797M	28.33	56.00	-27.67	Neutral	-
Mode 1	Pass	AV	1.797M	22.04	46.00	-23.96	Neutral	-
Mode 1	Pass	QP	3.836M	26.47	56.00	-29.53	Neutral	-
Mode 1	Pass	AV	3.836M	22.66	46.00	-23.34	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	172.493k	42.20	64.83	-22.63	19.61	Line	-	22.59	9.65	0.03	9.93
AV	172.493k	28.03	54.83	-26.80	19.61	Line	-	8.42	9.65	0.03	9.93
QP	192.892k	38.20	63.92	-25.72	19.61	Line	-	18.59	9.65	0.03	9.93
AV	192.892k	27.00	53.92	-26.92	19.61	Line	-	7.39	9.65	0.03	9.93
QP	253.051k	34.56	61.66	-27.10	19.62	Line	-	14.94	9.65	0.03	9.94
AV	253.051k	27.81	51.66	-23.85	19.62	Line	-	8.19	9.65	0.03	9.94
QP	345.491k	34.32	59.08	-24.76	19.63	Line	-	14.69	9.64	0.04	9.95
AV	345.491k	25.88	49.08	-23.20	19.63	Line	-	6.25	9.64	0.04	9.95
QP	535.976k	24.89	56.00	-31.11	19.63	Line	-	5.26	9.64	0.04	9.95
AV	535.976k	18.37	46.00	-27.63	19.63	Line	-	-1.26	9.64	0.04	9.95
QP	3.73M	25.76	56.00	-30.24	19.76	Line	-	6.00	9.70	0.13	9.93
AV	3.73M	22.88	46.00	-23.12	19.76	Line	-	3.12	9.70	0.13	9.93

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	159.256k	45.19	65.50	-20.31	19.59	Neutral	-	25.60	9.63	0.03	9.93
AV	159.256k	29.60	55.50	-25.90	19.59	Neutral	-	10.01	9.63	0.03	9.93
QP	180.236k	40.31	64.47	-24.16	19.58	Neutral	-	20.73	9.62	0.03	9.93
AV	180.236k	27.18	54.47	-27.29	19.58	Neutral	-	7.60	9.62	0.03	9.93
QP	312.676k	32.05	59.90	-27.85	19.62	Neutral	-	12.43	9.63	0.04	9.95
AV	312.676k	23.93	49.90	-25.97	19.62	Neutral	-	4.31	9.63	0.04	9.95
QP	566.784k	25.41	56.00	-30.59	19.63	Neutral	-	5.78	9.64	0.04	9.95
AV	566.784k	17.63	46.00	-28.37	19.63	Neutral	-	-2.00	9.64	0.04	9.95
QP	1.797M	28.33	56.00	-27.67	19.68	Neutral	-	8.65	9.66	0.08	9.94
AV	1.797M	22.04	46.00	-23.96	19.68	Neutral	-	2.36	9.66	0.08	9.94
QP	3.836M	26.47	56.00	-29.53	19.74	Neutral	-	6.73	9.68	0.13	9.93
AV	3.836M	22.66	46.00	-23.34	19.74	Neutral	-	2.92	9.68	0.13	9.93

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)_1TX(Port1)	7.025M	11.289M	11M3G1D	6.55M	10.36M
802.11b_Nss1,(1Mbps)_2TX	7.55M	11.574M	11M6G1D	6.525M	10.285M
802.11g_Nss1,(6Mbps)_2TX	16.35M	17.585M	17M6D1D	16.325M	16.684M
802.11ax HEW20_Nss1,(MCS0)_2TX	19M	19.065M	19M1D1D	18.525M	19.015M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.55M	37.631M	37M6D1D	36.8M	37.431M

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

Result

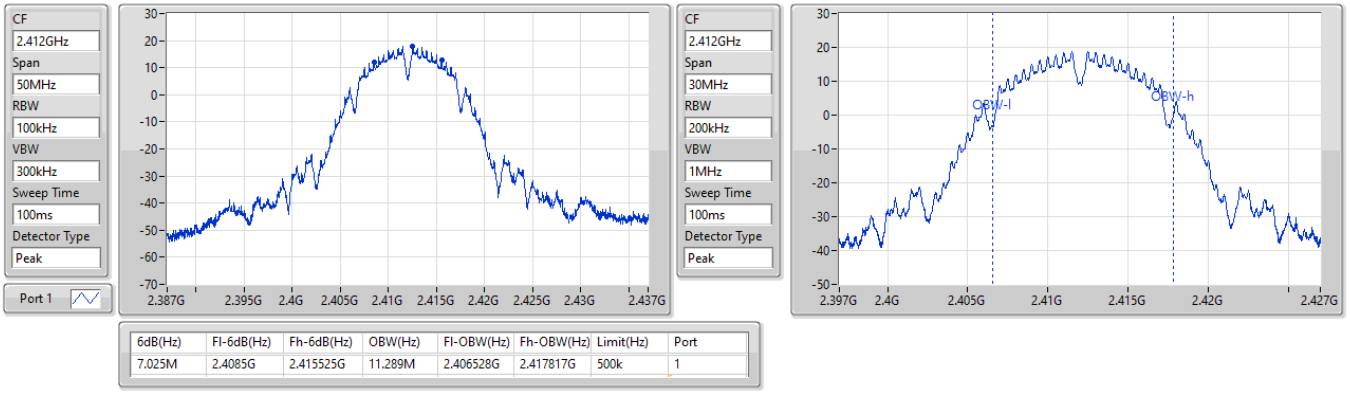
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	500k	7.025M	11.289M		
2437MHz	Pass	500k	6.55M	10.615M		
2462MHz	Pass	500k	7.025M	10.36M		
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.55M	11.394M	6.525M	11.574M
2437MHz	Pass	500k	6.55M	10.645M	7.525M	11.019M
2462MHz	Pass	500k	7.025M	10.36M	7.05M	10.285M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.818M	16.35M	16.764M
2437MHz	Pass	500k	16.35M	17.536M	16.325M	17.585M
2462MHz	Pass	500k	16.35M	16.779M	16.325M	16.684M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.75M	19.015M	18.525M	19.065M
2437MHz	Pass	500k	18.9M	19.065M	18.925M	19.04M
2462MHz	Pass	500k	18.95M	19.04M	19M	19.015M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.55M	37.531M	37M	37.531M
2437MHz	Pass	500k	36.8M	37.431M	37.05M	37.431M
2452MHz	Pass	500k	37.35M	37.631M	37.35M	37.631M

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

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1) **EBW**

2412MHz

28/04/2023

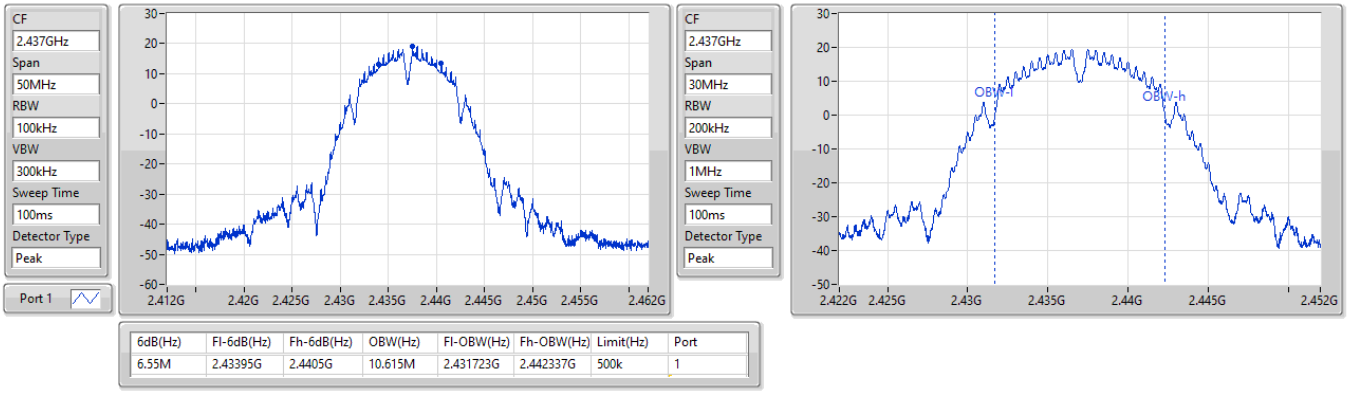


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.025M	2.4085G	2.415525G	11.289M	2.406528G	2.417817G	500k	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1) **EBW**

2437MHz

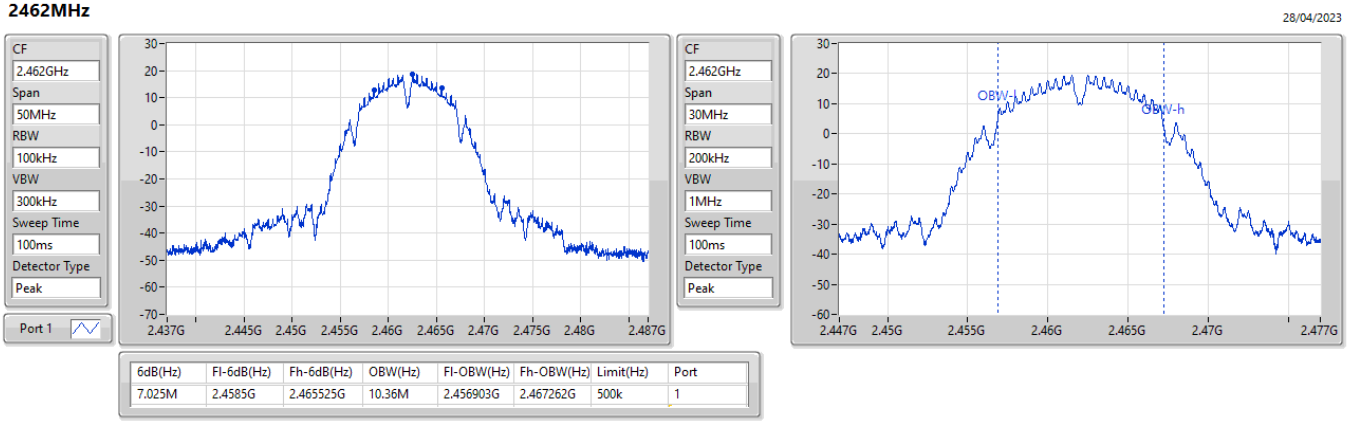
28/04/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.55M	2.43395G	2.4405G	10.615M	2.431723G	2.442337G	500k	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1) **EBW**

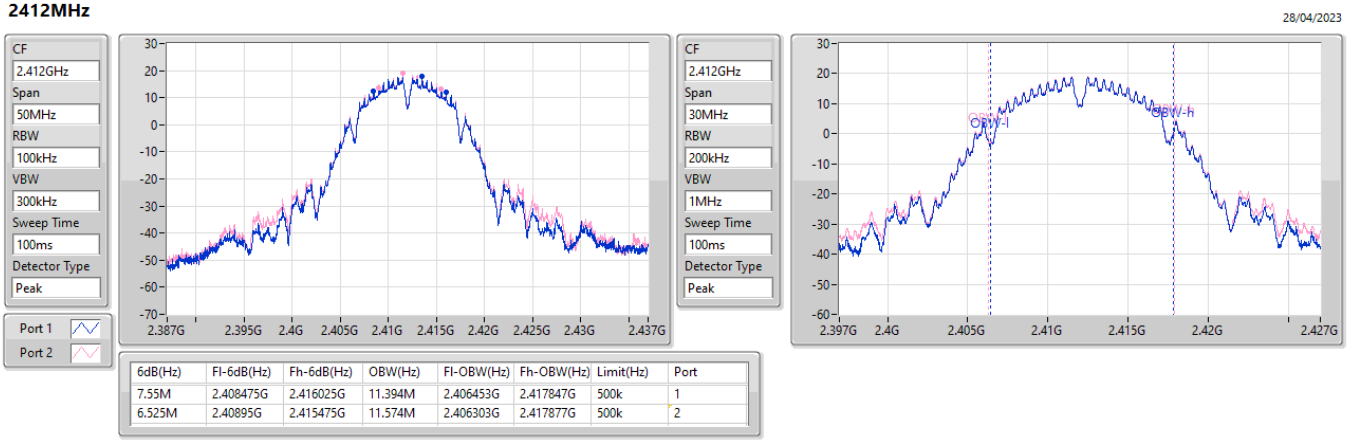
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.025M	2.4585G	2.465525G	10.36M	2.456903G	2.467262G	500k	1

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

2412MHz

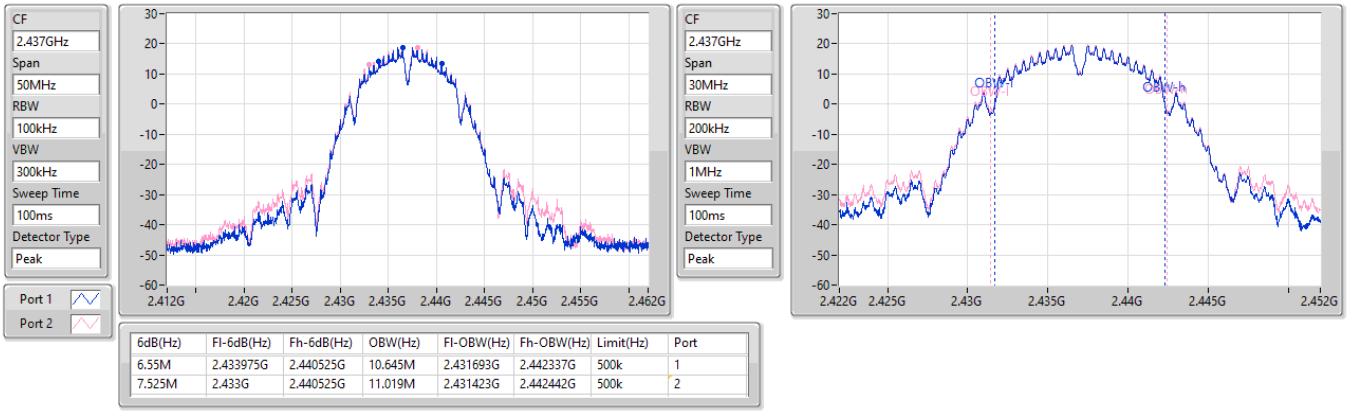


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.55M	2.408475G	2.416025G	11.394M	2.406453G	2.417847G	500k	1
6.525M	2.40895G	2.415475G	11.574M	2.406303G	2.417877G	500k	2

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

2437MHz

28/04/2023

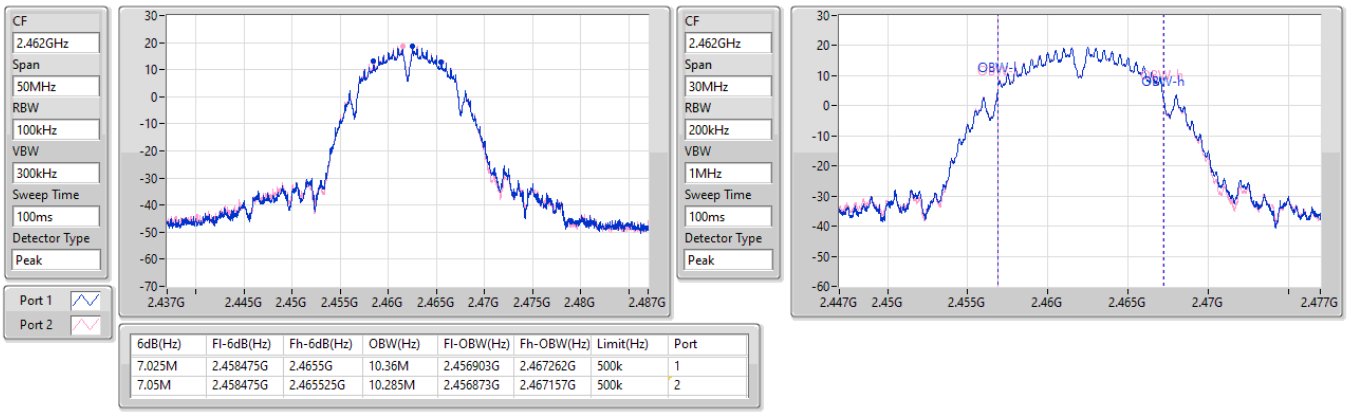


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.55M	2.433975G	2.440525G	10.645M	2.431693G	2.442337G	500k	1
7.525M	2.433G	2.440525G	11.019M	2.431423G	2.442442G	500k	2

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

2462MHz

28/04/2023

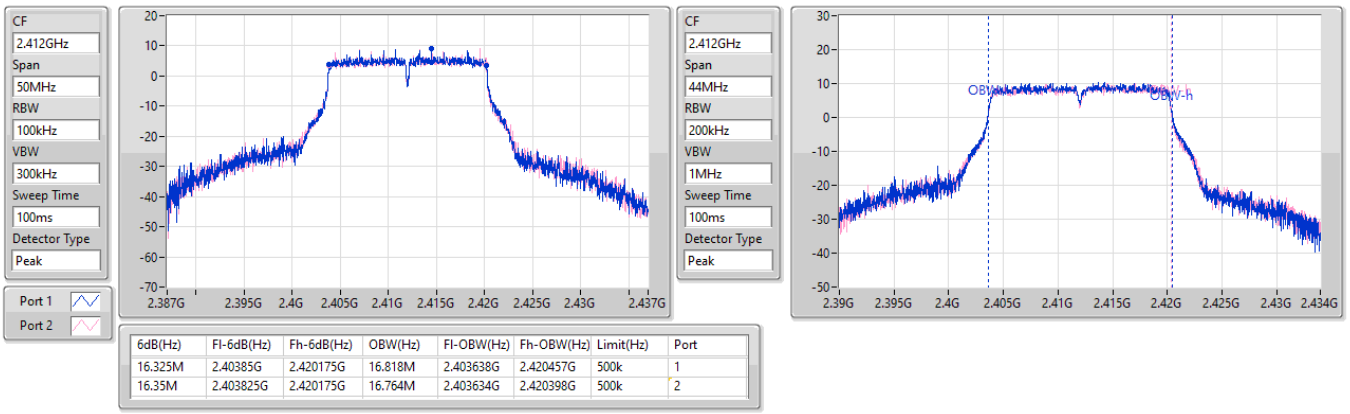


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.025M	2.458475G	2.4655G	10.36M	2.456903G	2.467262G	500k	1
7.05M	2.458475G	2.465525G	10.285M	2.456873G	2.467157G	500k	2

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

2412MHz

11/05/2023

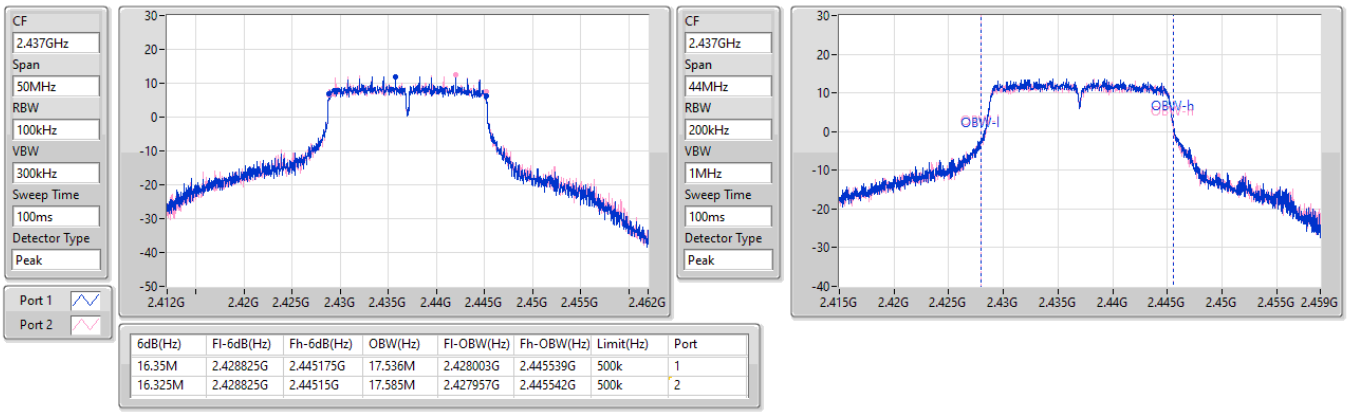


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.40385G	2.420175G	16.818M	2.403638G	2.420457G	500k	1
16.35M	2.403825G	2.420175G	16.764M	2.403634G	2.420398G	500k	2

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

2437MHz

11/05/2023

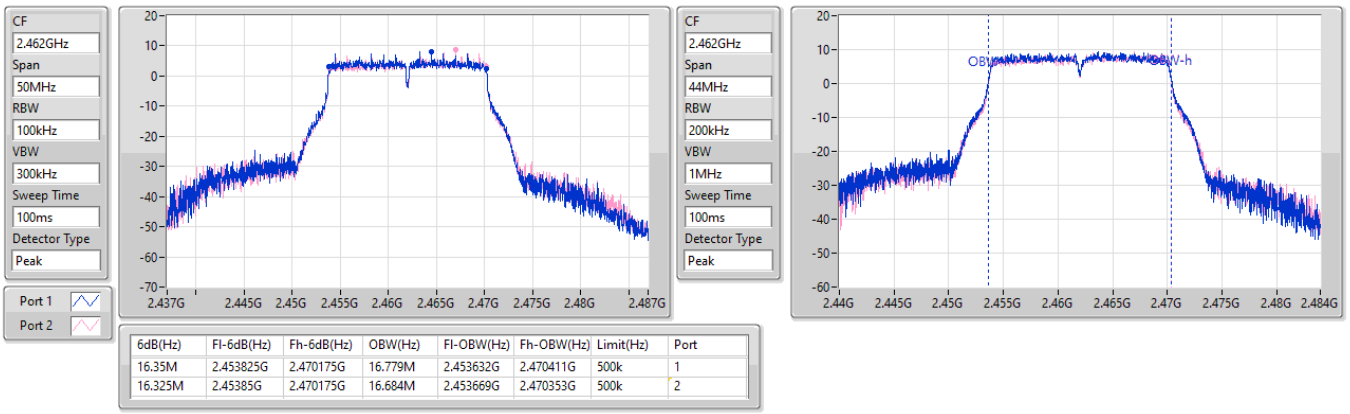


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.428825G	2.445175G	17.536M	2.428003G	2.445539G	500k	1
16.325M	2.428825G	2.44515G	17.585M	2.427957G	2.445542G	500k	2

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

2462MHz

11/05/2023

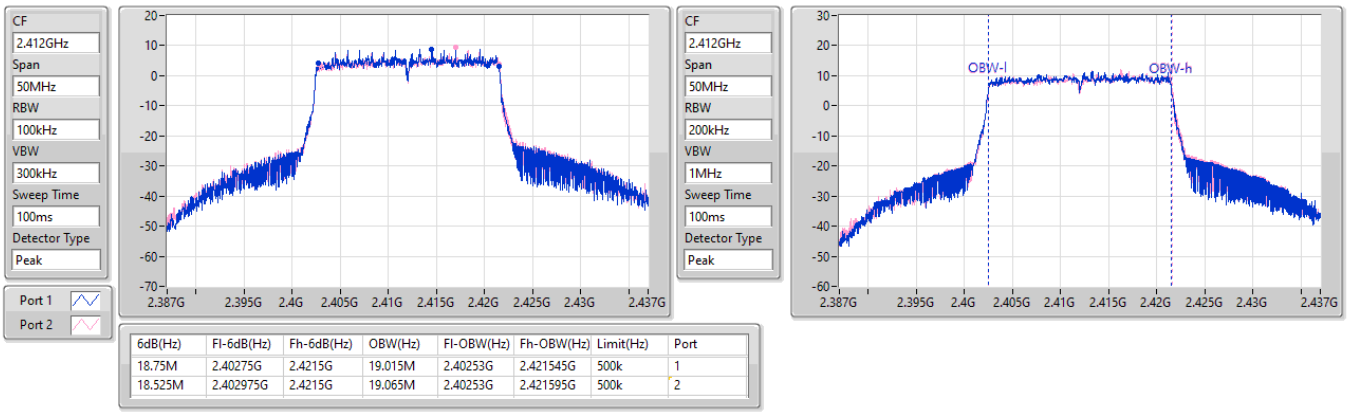


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.453825G	2.470175G	16.779M	2.453632G	2.470411G	500k	1
16.325M	2.45385G	2.470175G	16.684M	2.453669G	2.470353G	500k	2

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

2412MHz

03/05/2023

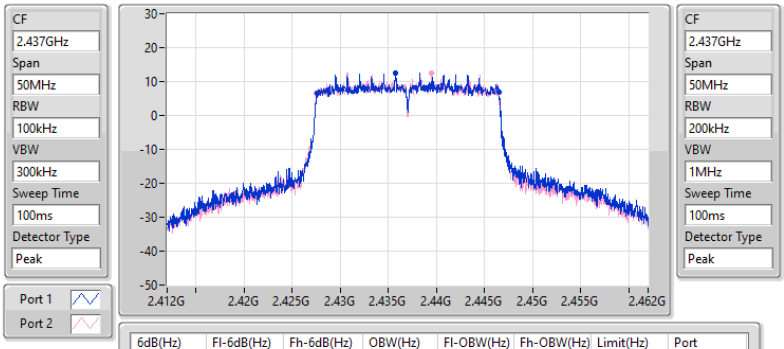


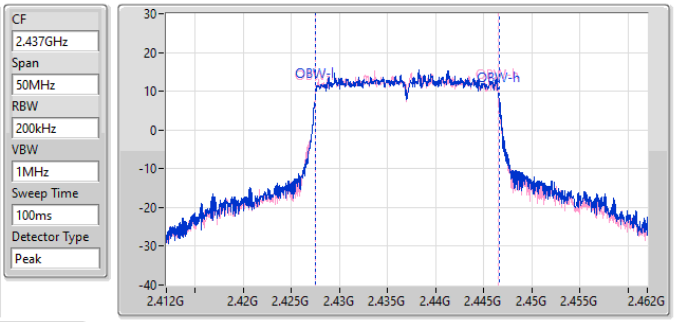
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	2.40275G	2.4215G	19.015M	2.40253G	2.421545G	500k	1
18.525M	2.402975G	2.4215G	19.065M	2.40253G	2.421595G	500k	2

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

2437MHz

28/04/2023



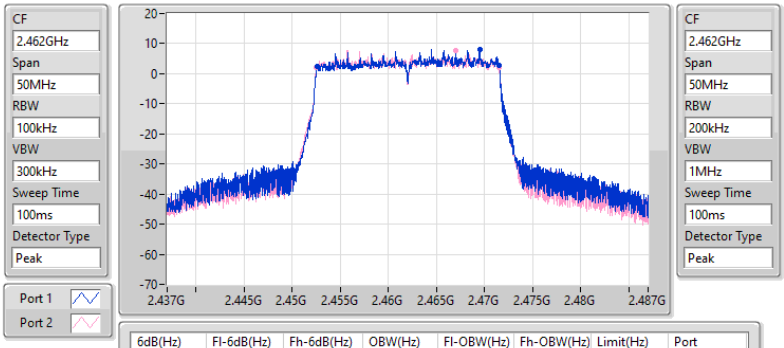


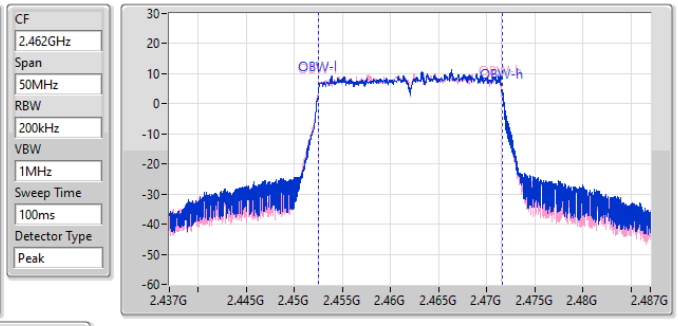
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.4276G	2.4465G	19.065M	2.427505G	2.44657G	500k	1
18.925M	2.427525G	2.44645G	19.04M	2.42748G	2.44652G	500k	2

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

2462MHz

28/04/2023



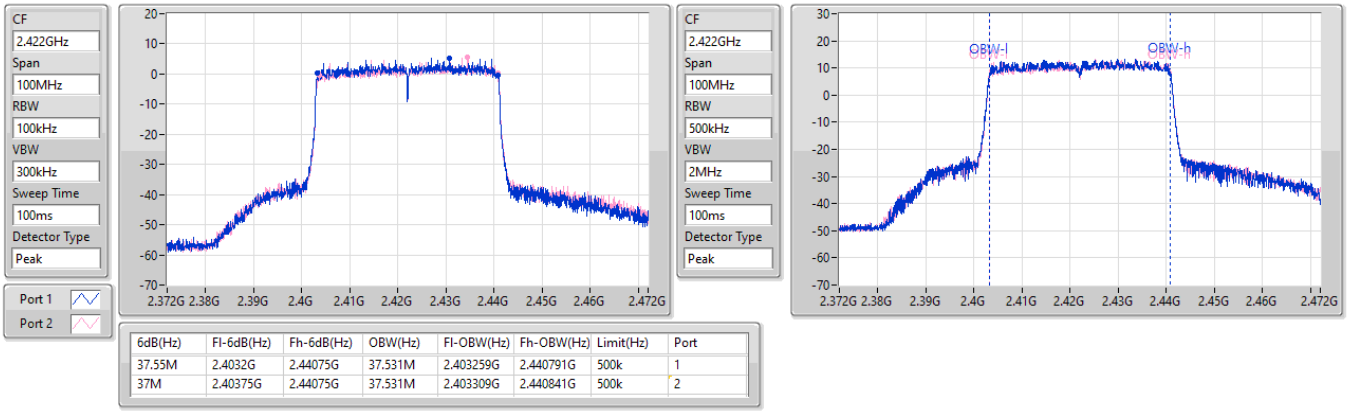


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.45255G	2.4715G	19.04M	2.45253G	2.47157G	500k	1
19M	2.4525G	2.4715G	19.015M	2.452505G	2.47152G	500k	2

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

2422MHz

03/05/2023

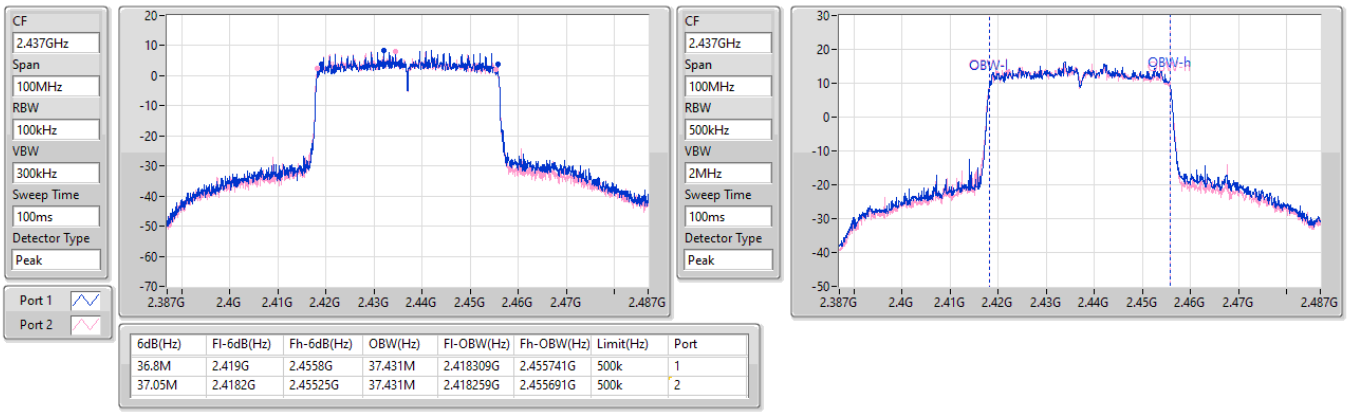


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.55M	2.4032G	2.44075G	37.531M	2.403259G	2.440791G	500k	1
37M	2.40375G	2.44075G	37.531M	2.403309G	2.440841G	500k	2

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

2437MHz

28/04/2023

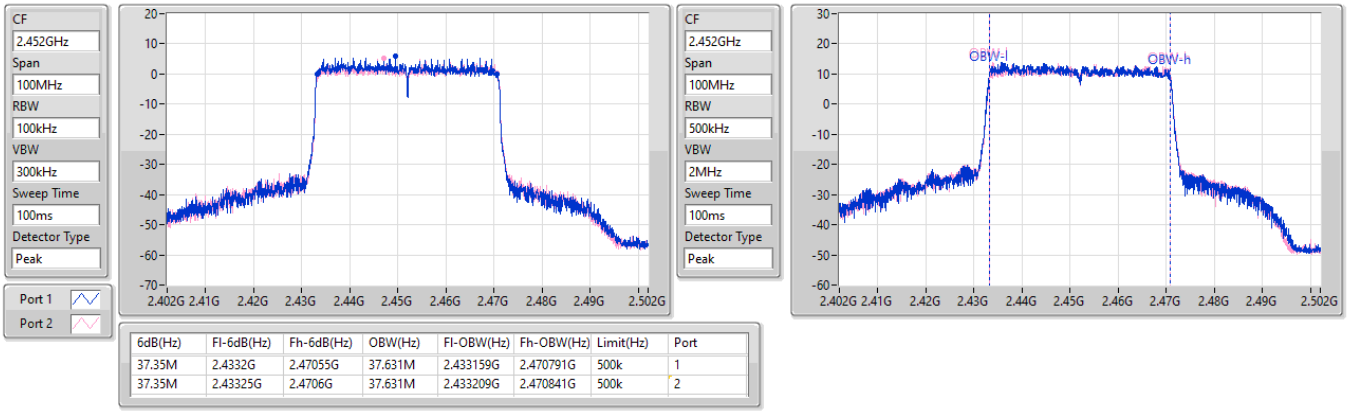


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.8M	2.419G	2.4558G	37.431M	2.418309G	2.455741G	500k	1
37.05M	2.4182G	2.45525G	37.431M	2.418259G	2.455691G	500k	2

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

2452MHz

03/05/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.35M	2.4332G	2.47055G	37.631M	2.433159G	2.470791G	500k	1
37.35M	2.43325G	2.4706G	37.631M	2.433209G	2.470841G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19M	19.04M	19M0D1D	18.75M	18.991M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.55M	37.631M	37M6D1D	36.15M	37.481M

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

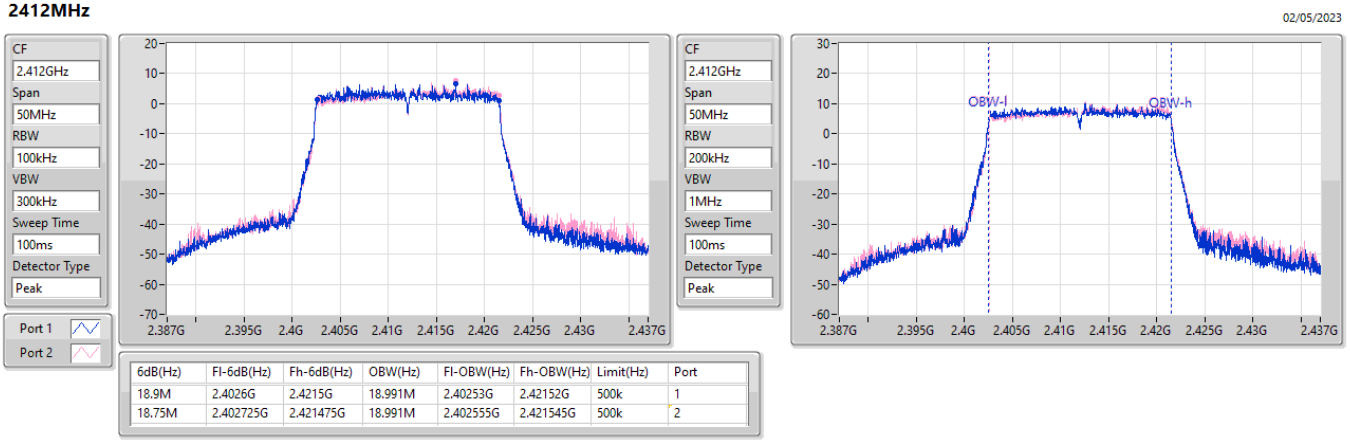
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.9M	18.991M	18.75M	18.991M
2437MHz	Pass	500k	18.9M	19.015M	18.9M	19.04M
2462MHz	Pass	500k	19M	19.04M	18.925M	18.991M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.1M	37.531M	36.75M	37.481M
2437MHz	Pass	500k	37M	37.531M	37.2M	37.581M
2452MHz	Pass	500k	37.55M	37.531M	36.15M	37.631M

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

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

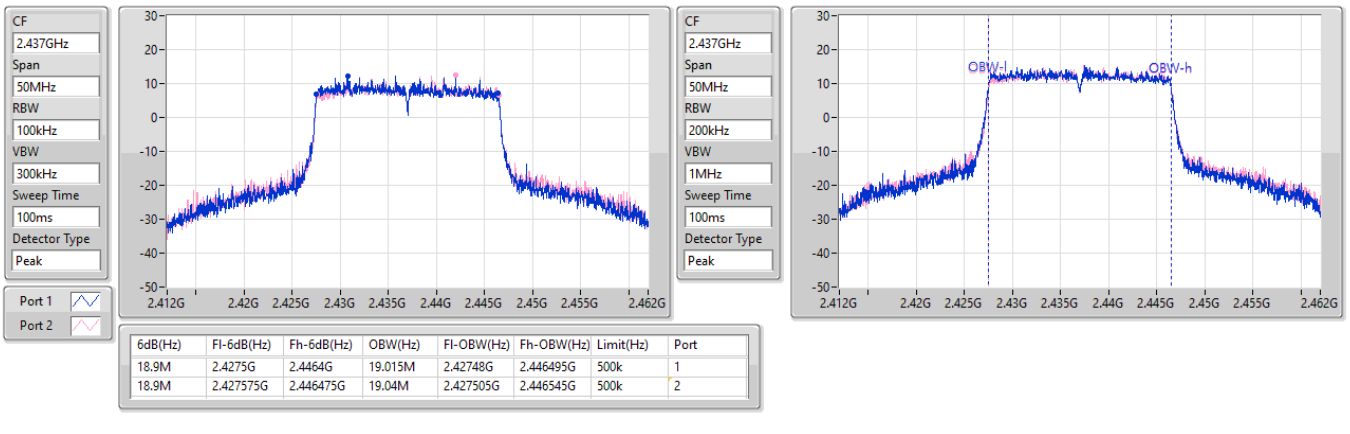
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.4026G	2.4215G	18.991M	2.40253G	2.42152G	500k	1
18.75M	2.402725G	2.421475G	18.991M	2.402555G	2.421545G	500k	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

2437MHz

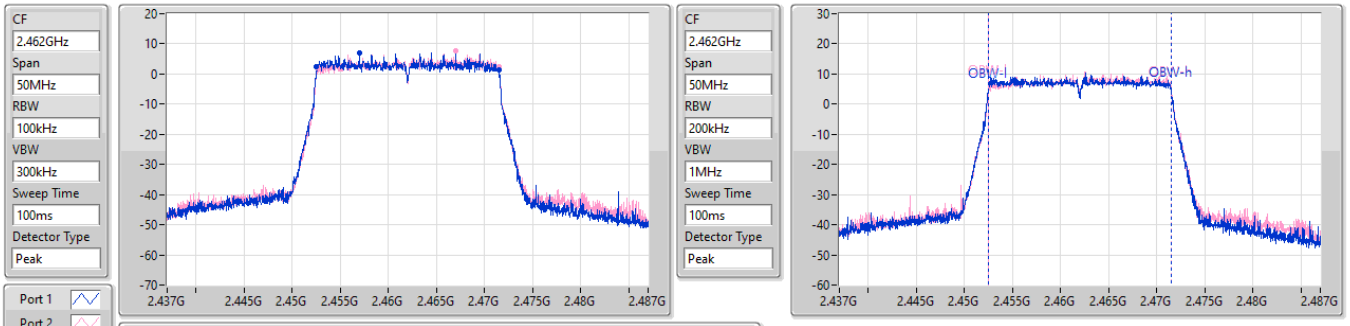


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.4275G	2.4464G	19.015M	2.42748G	2.446495G	500k	1
18.9M	2.427575G	2.446475G	19.04M	2.427505G	2.446545G	500k	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

2462MHz

02/05/2023

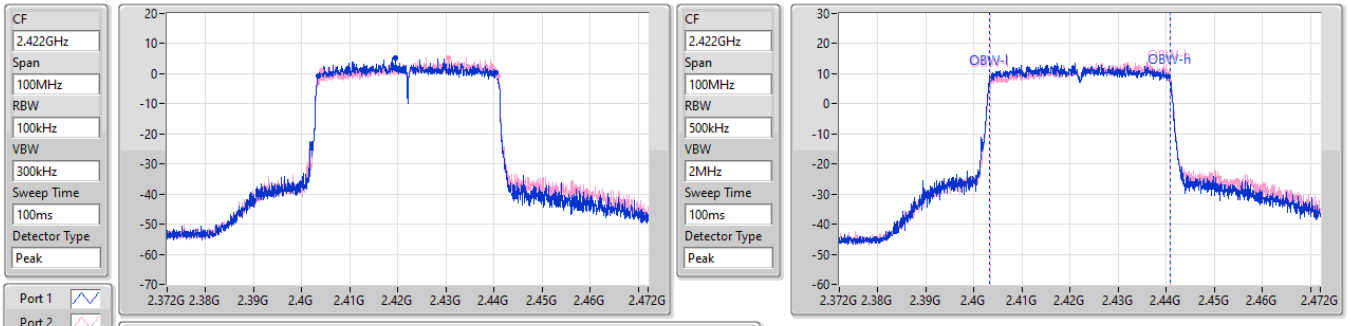


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19M	2.4525G	2.4715G	19.04M	2.45248G	2.47152G	500k	1
18.925M	2.452575G	2.4715G	18.991M	2.45253G	2.47152G	500k	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

2422MHz

02/05/2023

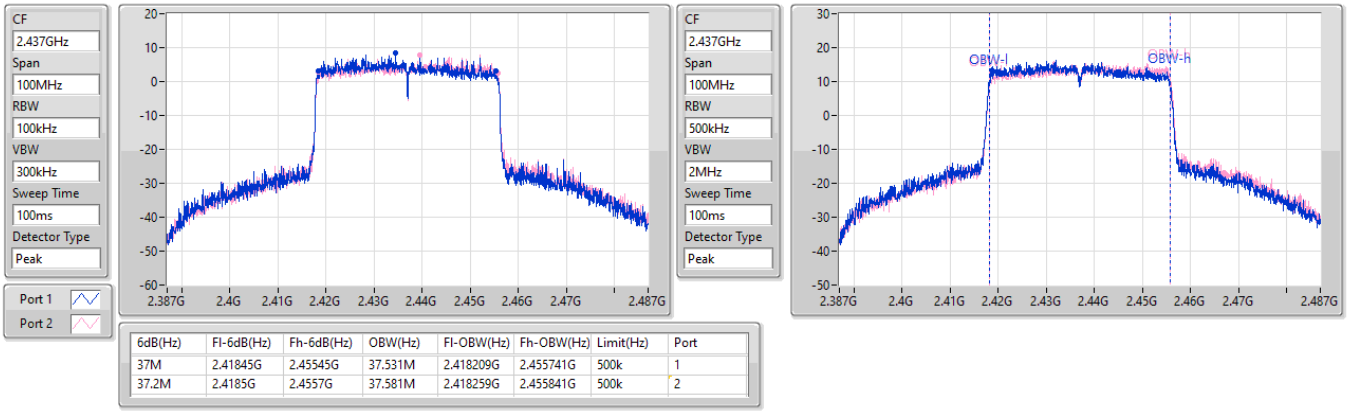


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.1M	2.40335G	2.44045G	37.531M	2.403209G	2.440741G	500k	1
36.75M	2.40415G	2.4409G	37.481M	2.403359G	2.440841G	500k	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

2437MHz

02/05/2023

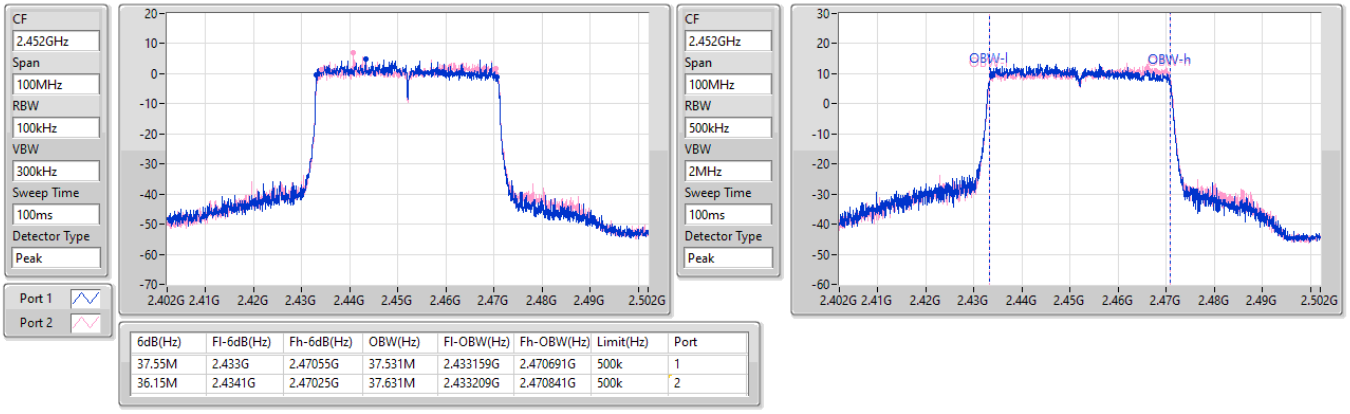


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37M	2.41845G	2.45545G	37.531M	2.418209G	2.455741G	500k	1
37.2M	2.4185G	2.4557G	37.581M	2.418259G	2.455841G	500k	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

2452MHz

02/05/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.55M	2.433G	2.47055G	37.531M	2.433159G	2.470691G	500k	1
36.15M	2.4341G	2.47025G	37.631M	2.433209G	2.470841G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	26.90	0.48978
802.11b_Nss1,(1Mbps)_2TX	29.99	0.99770
802.11g_Nss1,(6Mbps)_2TX	26.97	0.49774
802.11ax HEW20_Nss1,(MCS0)_2TX	27.43	0.55335
802.11ax HEW40_Nss1,(MCS0)_2TX	25.65	0.36728

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.79	26.21		26.21	30.00
2437MHz	Pass	1.79	26.90		26.90	30.00
2462MHz	Pass	1.79	26.86		26.86	30.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.95	26.19	26.60	29.41	30.00
2437MHz	Pass	1.95	26.80	27.15	29.99	30.00
2462MHz	Pass	1.95	26.56	26.90	29.74	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.95	20.84	20.70	23.78	30.00
2417MHz	Pass	1.95	22.95	22.94	25.96	30.00
2437MHz	Pass	1.95	23.97	23.94	26.97	30.00
2457MHz	Pass	1.95	22.05	22.01	25.04	30.00
2462MHz	Pass	1.95	19.74	19.53	22.65	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.95	20.98	20.85	23.93	30.00
2417MHz	Pass	1.95	23.53	23.20	26.38	30.00
2437MHz	Pass	1.95	24.50	24.34	27.43	30.00
2457MHz	Pass	1.95	22.41	22.35	25.39	30.00
2462MHz	Pass	1.95	20.12	19.96	23.05	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.95	20.66	20.34	23.51	30.00
2427MHz	Pass	1.95	20.75	20.54	23.66	30.00
2437MHz	Pass	1.95	22.71	22.56	25.65	30.00
2447MHz	Pass	1.95	21.73	21.61	24.68	30.00
2452MHz	Pass	1.95	20.89	20.73	23.82	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	27.28	0.53456
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	25.63	0.36559

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	2.51	20.35	19.91	23.15	30.00
2417MHz	Pass	2.51	23.53	23.19	26.37	30.00
2437MHz	Pass	2.51	24.24	24.30	27.28	30.00
2457MHz	Pass	2.51	20.74	21.09	23.93	30.00
2462MHz	Pass	2.51	18.07	18.41	21.25	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.51	19.26	19.52	22.40	30.00
2427MHz	Pass	2.51	20.50	20.95	23.74	30.00
2437MHz	Pass	2.51	22.35	22.87	25.63	30.00
2447MHz	Pass	2.51	21.54	21.25	24.41	30.00
2452MHz	Pass	2.51	21.15	21.30	24.24	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	0.18
802.11b_Nss1,(1Mbps)_2TX	3.28
802.11g_Nss1,(6Mbps)_2TX	-3.65
802.11ax HEW20_Nss1,(MCS0)_2TX	-2.15
802.11ax HEW40_Nss1,(MCS0)_2TX	-6.10

RBW = 3kHz;

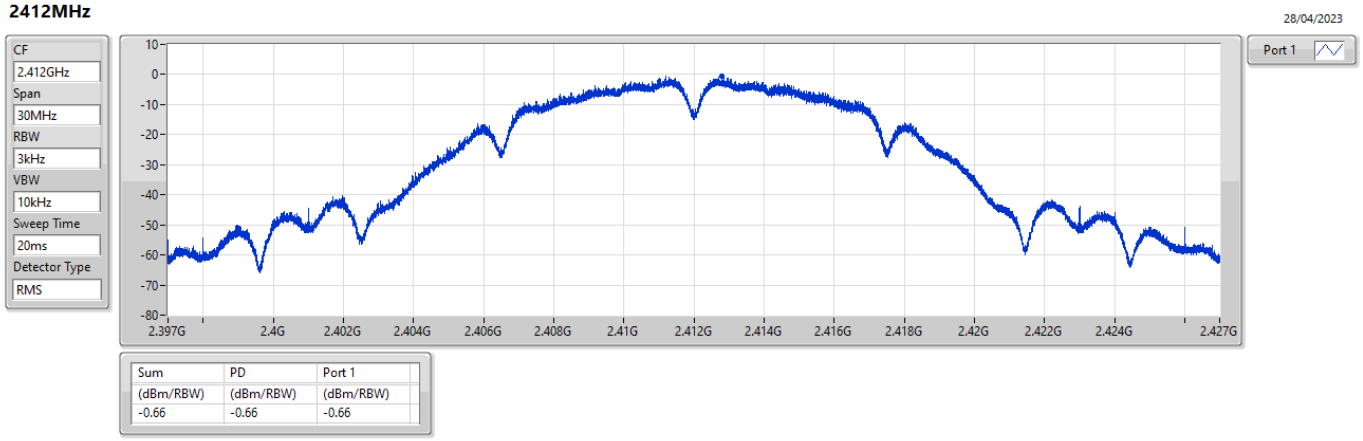
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.79	-0.66		-0.66	8.00
2437MHz	Pass	1.79	-0.09		-0.09	8.00
2462MHz	Pass	1.79	0.18		0.18	8.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.51	-0.42	-0.21	2.35	8.00
2437MHz	Pass	2.51	0.02	0.71	2.84	8.00
2462MHz	Pass	2.51	1.41	-0.46	3.28	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.51	-10.33	-9.80	-7.05	8.00
2437MHz	Pass	2.51	-7.43	-6.00	-3.65	8.00
2462MHz	Pass	2.51	-11.33	-10.83	-8.06	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.51	-9.48	-9.09	-6.27	8.00
2437MHz	Pass	2.51	-4.92	-5.42	-2.15	8.00
2462MHz	Pass	2.51	-9.68	-9.92	-6.79	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.51	-12.63	-12.11	-9.62	8.00
2437MHz	Pass	2.51	-8.96	-9.27	-6.10	8.00
2452MHz	Pass	2.51	-12.14	-12.78	-9.44	8.00

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

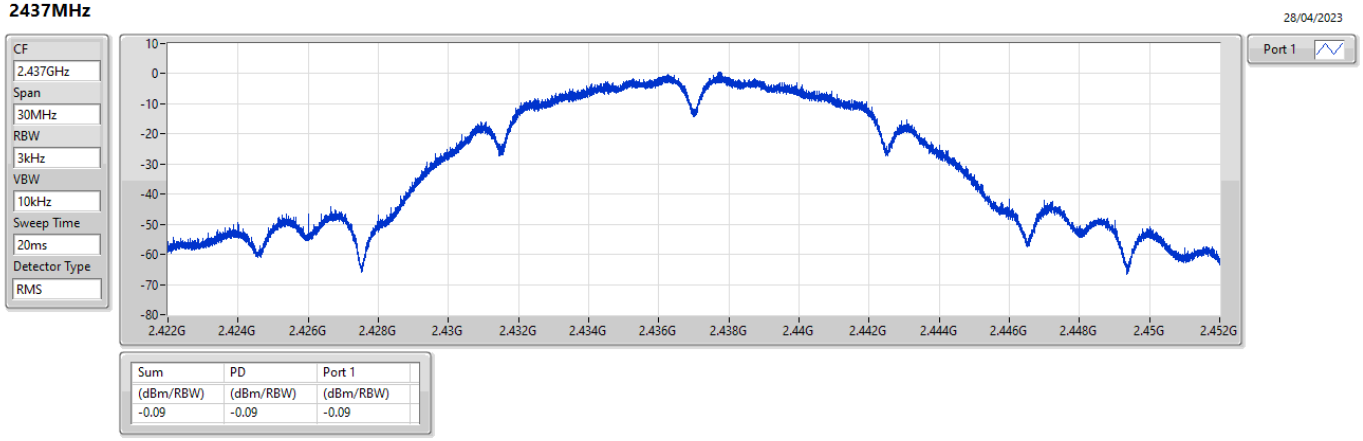
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1) **PSD**

2412MHz



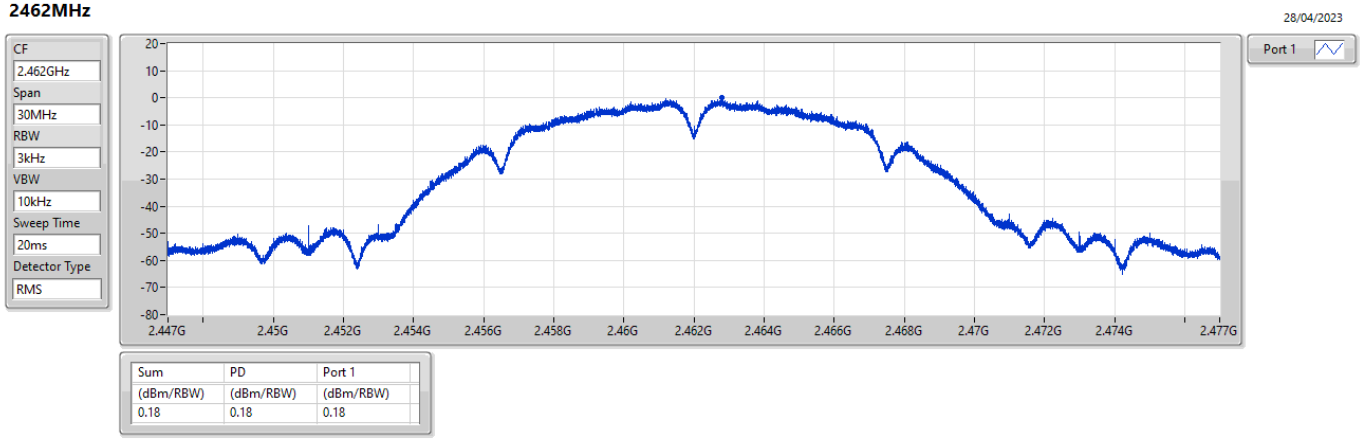
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1) **PSD**

2437MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1) **PSD**

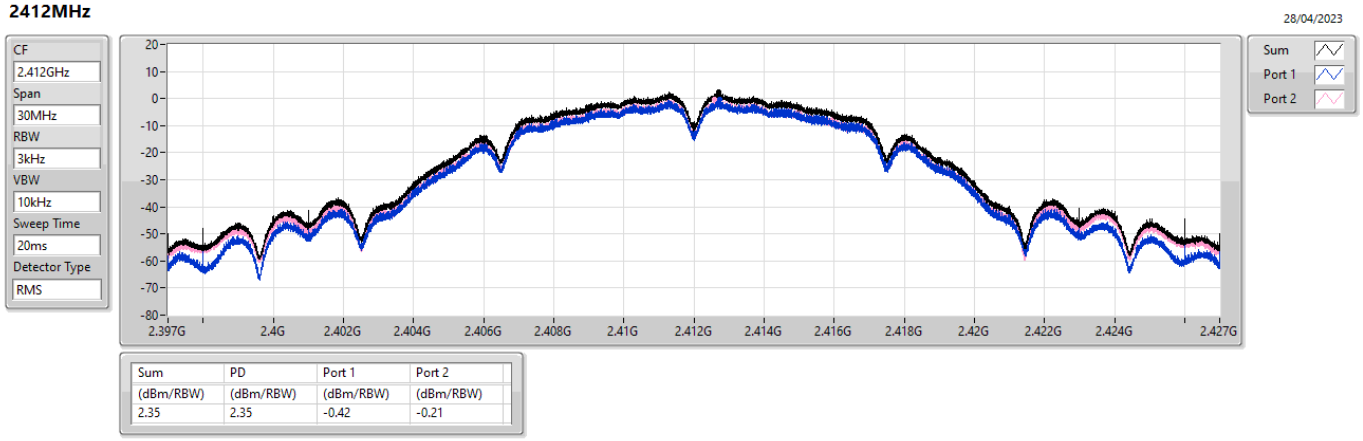
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.18	0.18	0.18

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

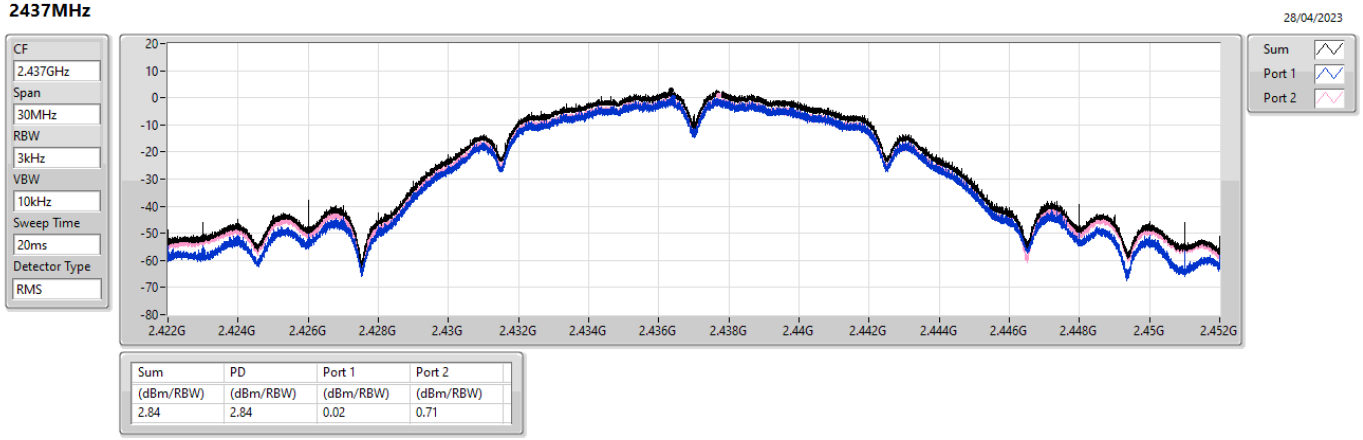
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.35	2.35	-0.42	-0.21

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

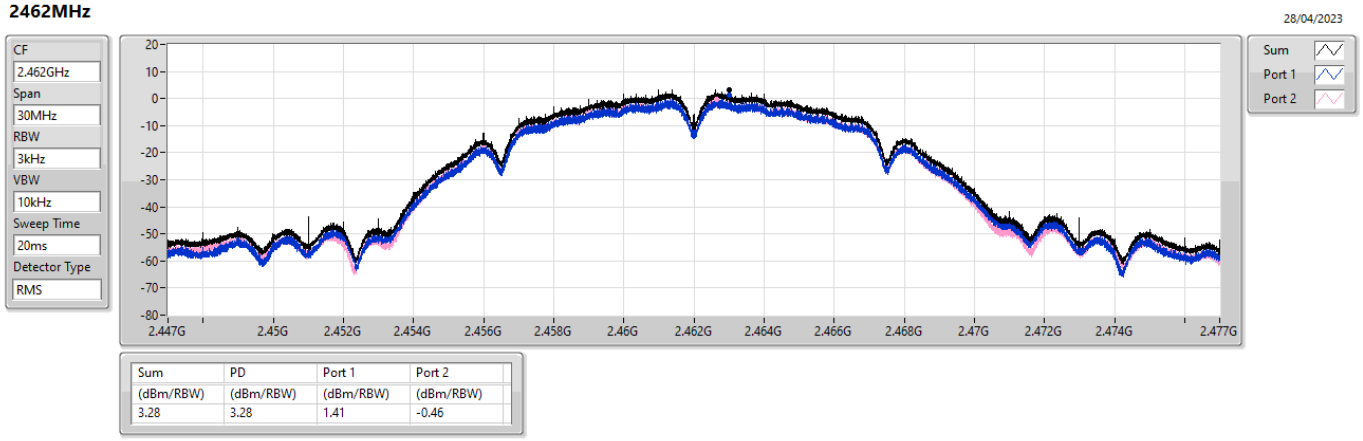
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.84	2.84	0.02	0.71

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

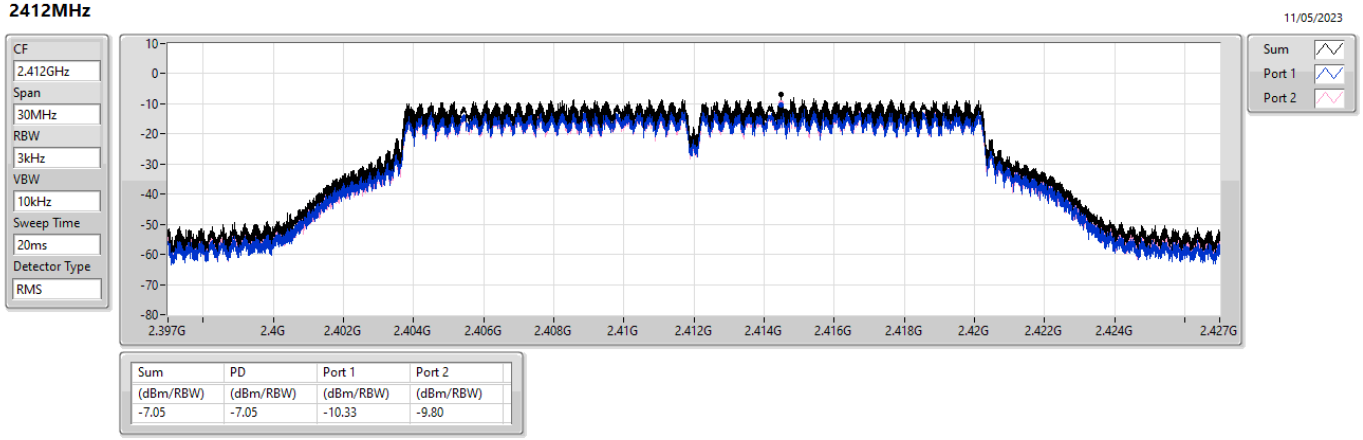
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.28	3.28	1.41	-0.46

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

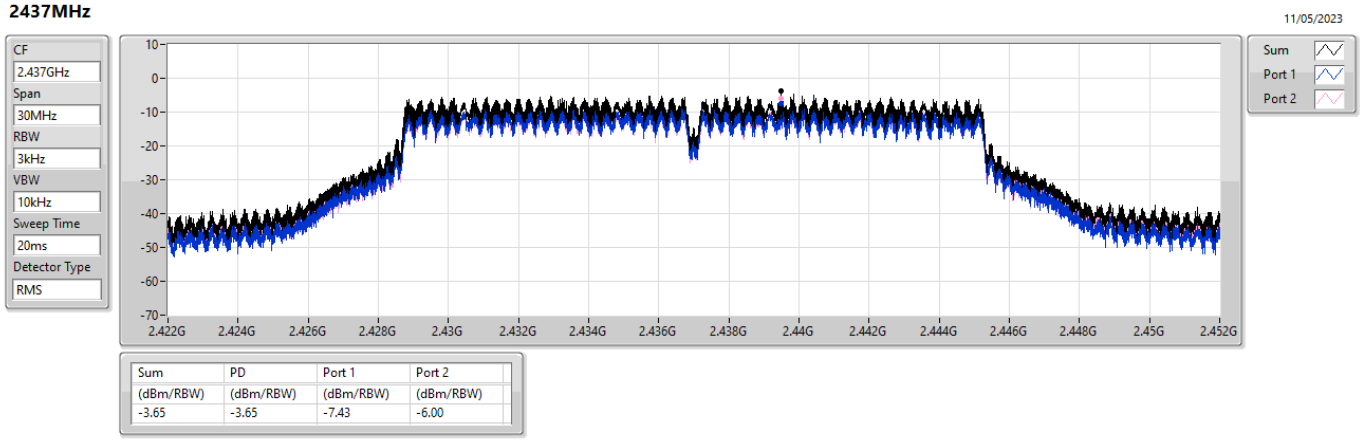
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.05	-7.05	-10.33	-9.80

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

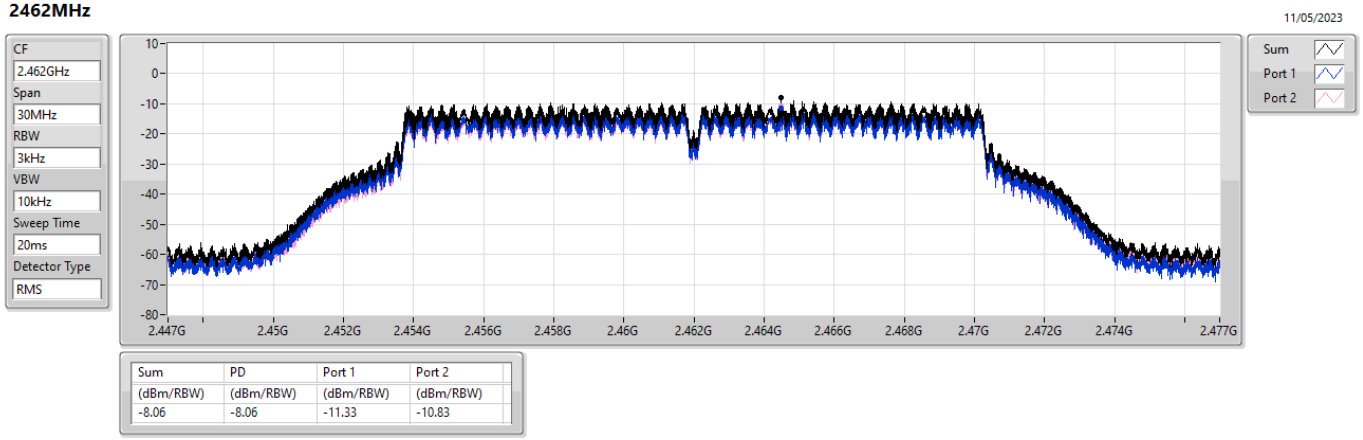
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.65	-3.65	-7.43	-6.00

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

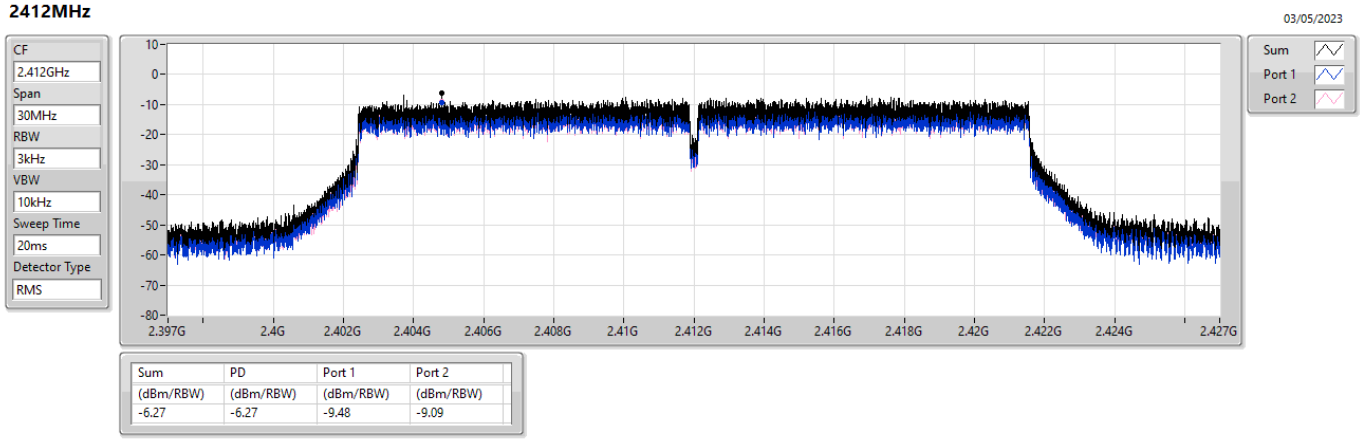
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.06	-8.06	-11.33	-10.83

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

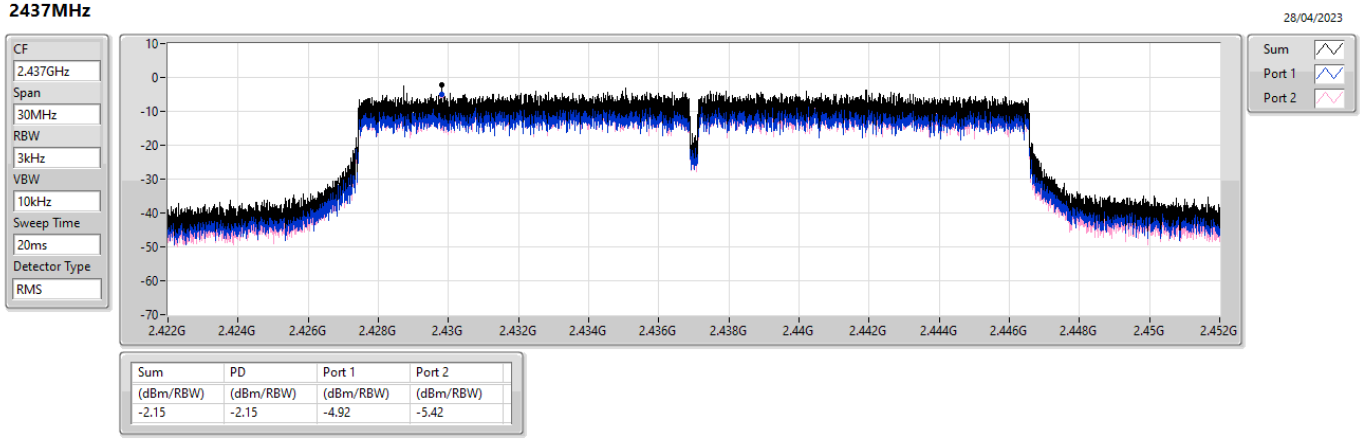
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.27	-6.27	-9.48	-9.09

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

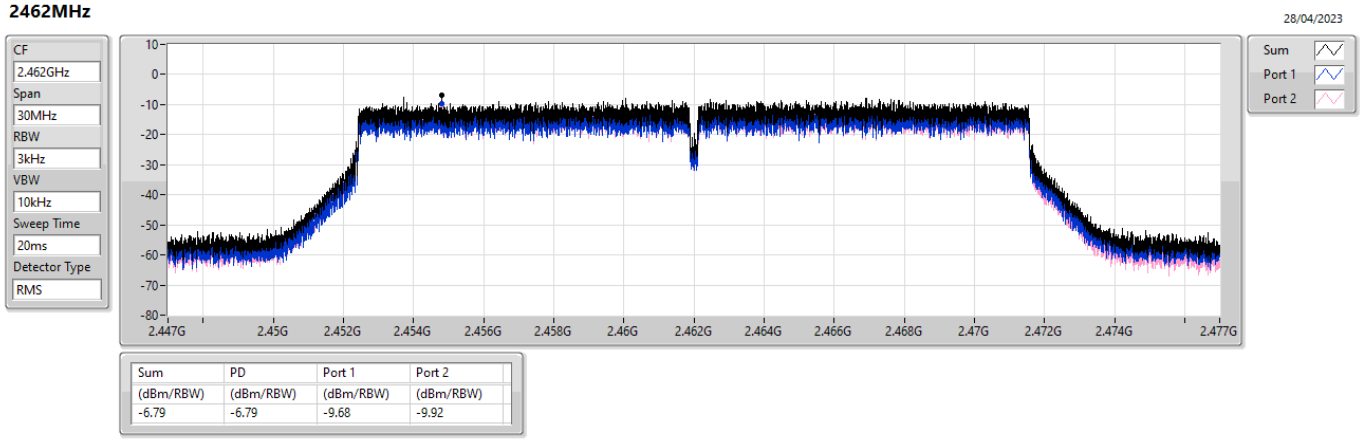
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.15	-2.15	-4.92	-5.42

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

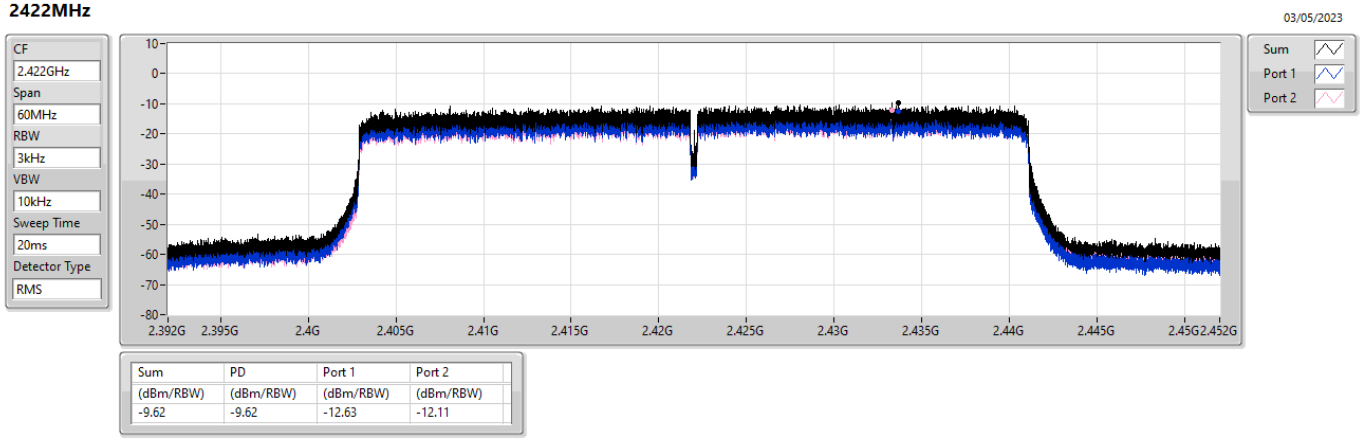
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.79	-6.79	-9.68	-9.92

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

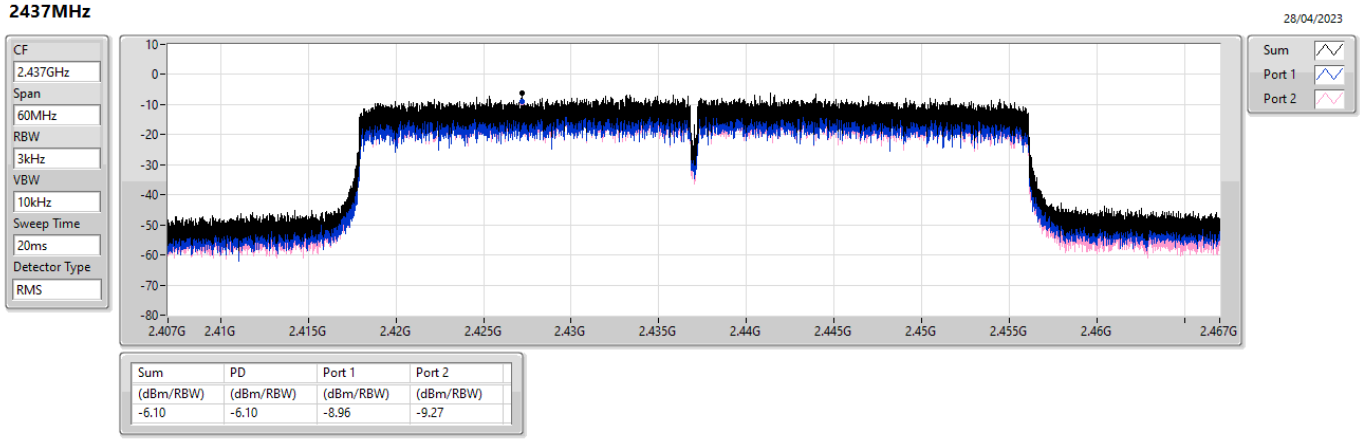
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.62	-9.62	-12.63	-12.11

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

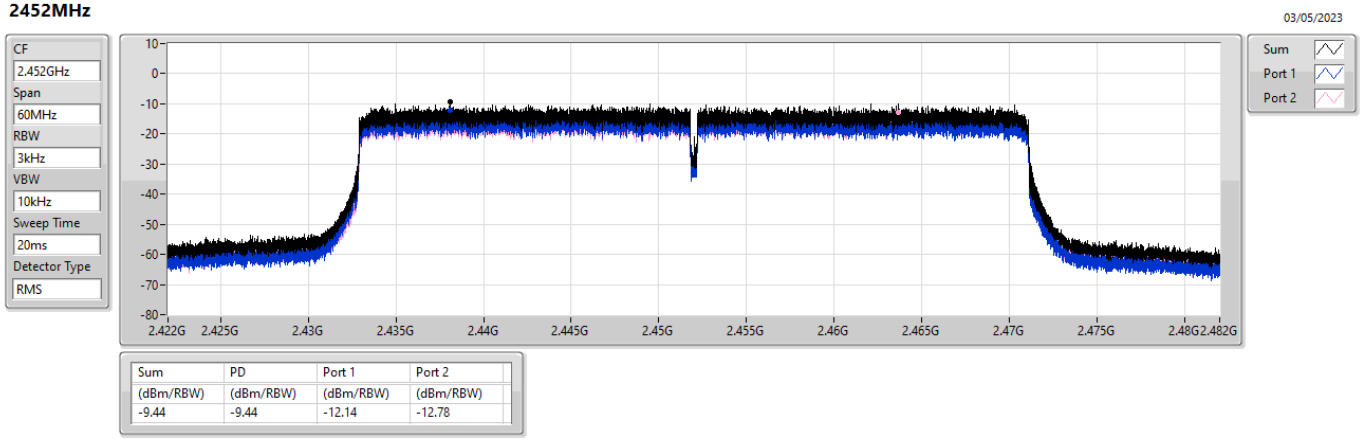
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.10	-6.10	-8.96	-9.27

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)
-9.44	-9.44	-12.14	-12.78

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-4.23
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-6.81

RBW = 3kHz;

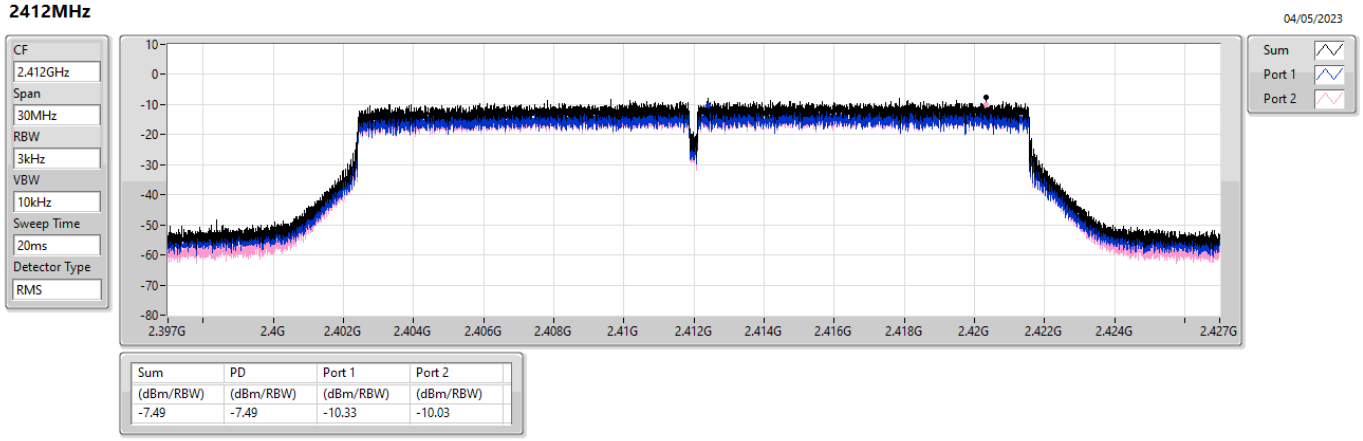
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.51	-10.33	-10.03	-7.49	8.00
2437MHz	Pass	2.51	-6.92	-7.32	-4.23	8.00
2462MHz	Pass	2.51	-12.89	-12.49	-9.76	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.51	-12.10	-11.59	-8.83	8.00
2437MHz	Pass	2.51	-8.98	-9.68	-6.81	8.00
2452MHz	Pass	2.51	-10.82	-9.99	-7.37	8.00

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

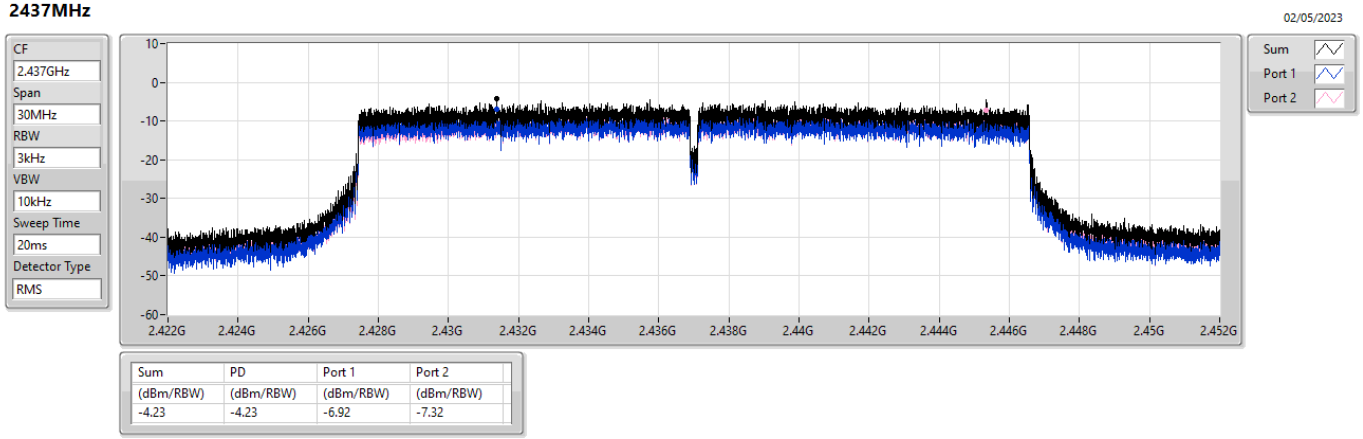
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.49	-7.49	-10.33	-10.03

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

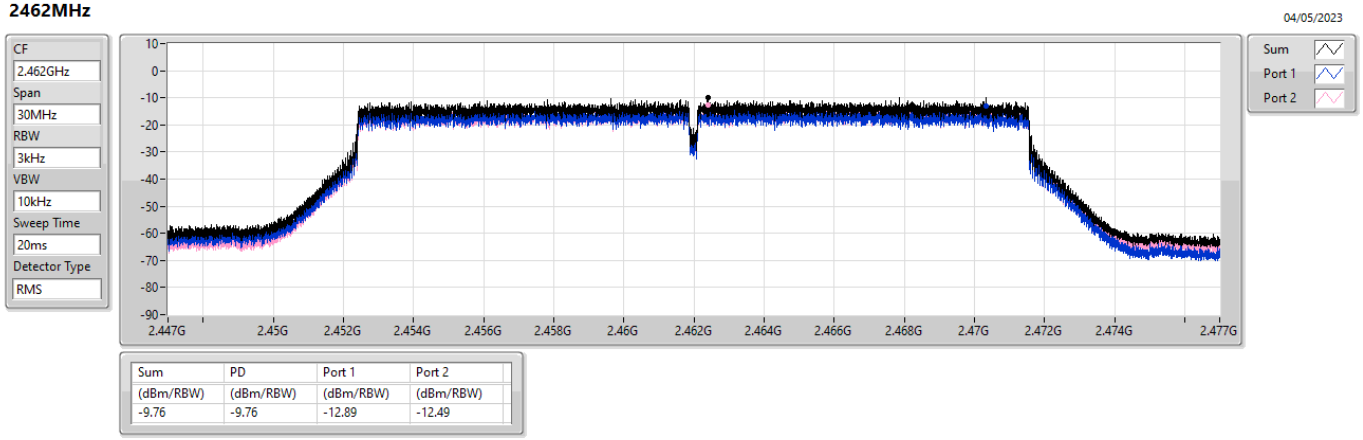
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.23	-4.23	-6.92	-7.32

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

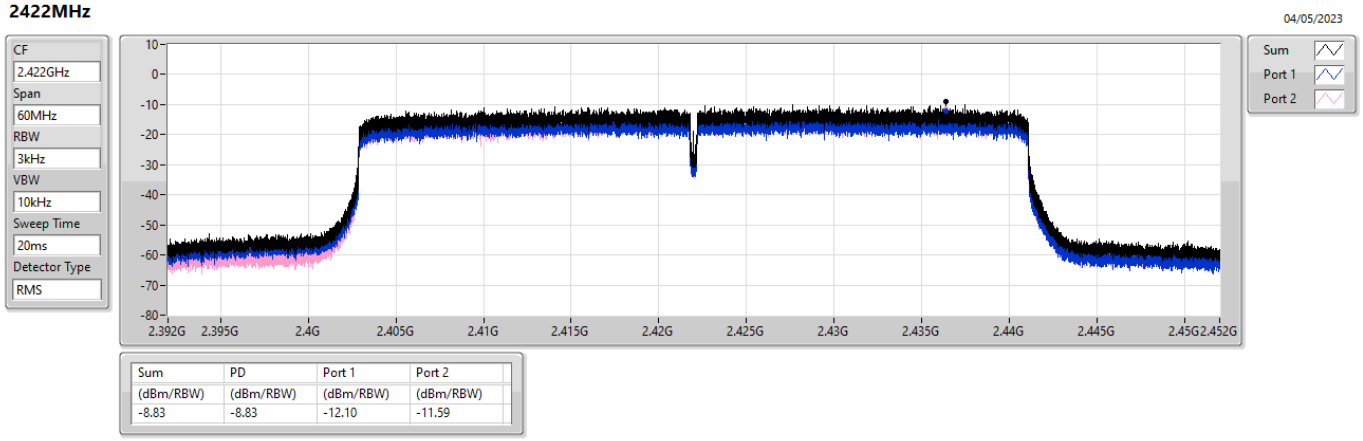
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.76	-9.76	-12.89	-12.49

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

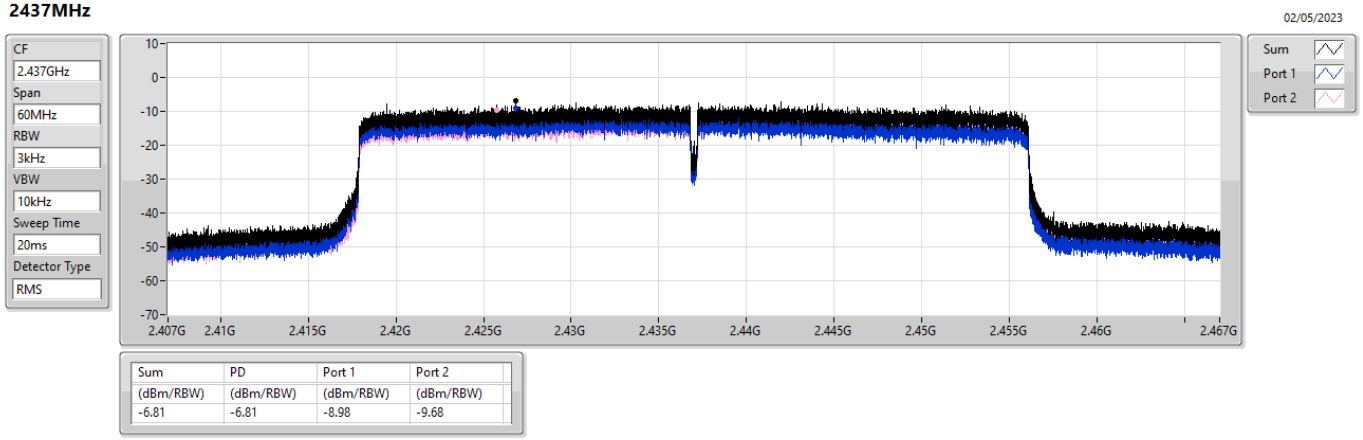
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.83	-8.83	-12.10	-11.59

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

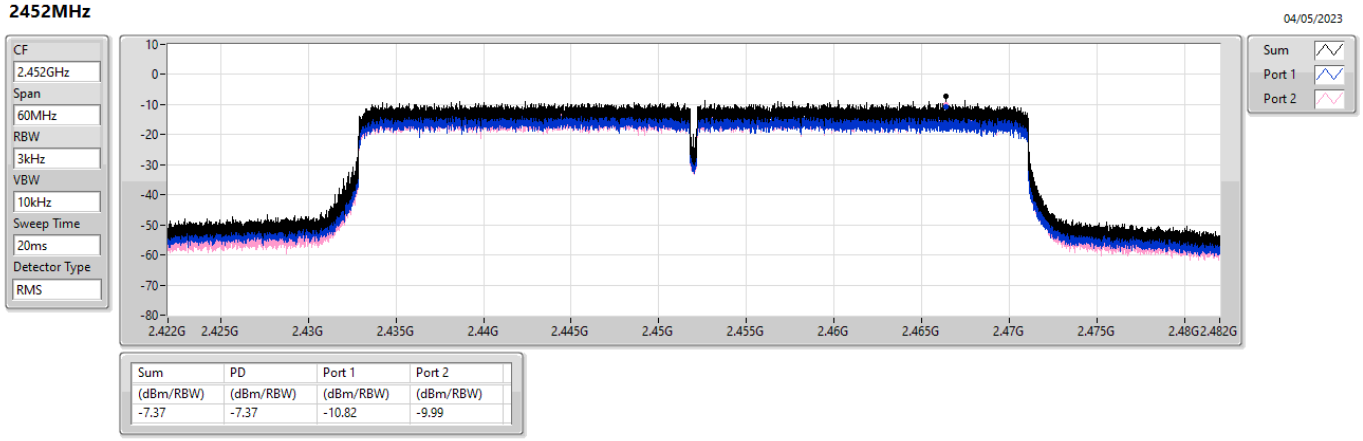
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.81	-6.81	-8.98	-9.68

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.37	-7.37	-10.82	-9.99

Summary

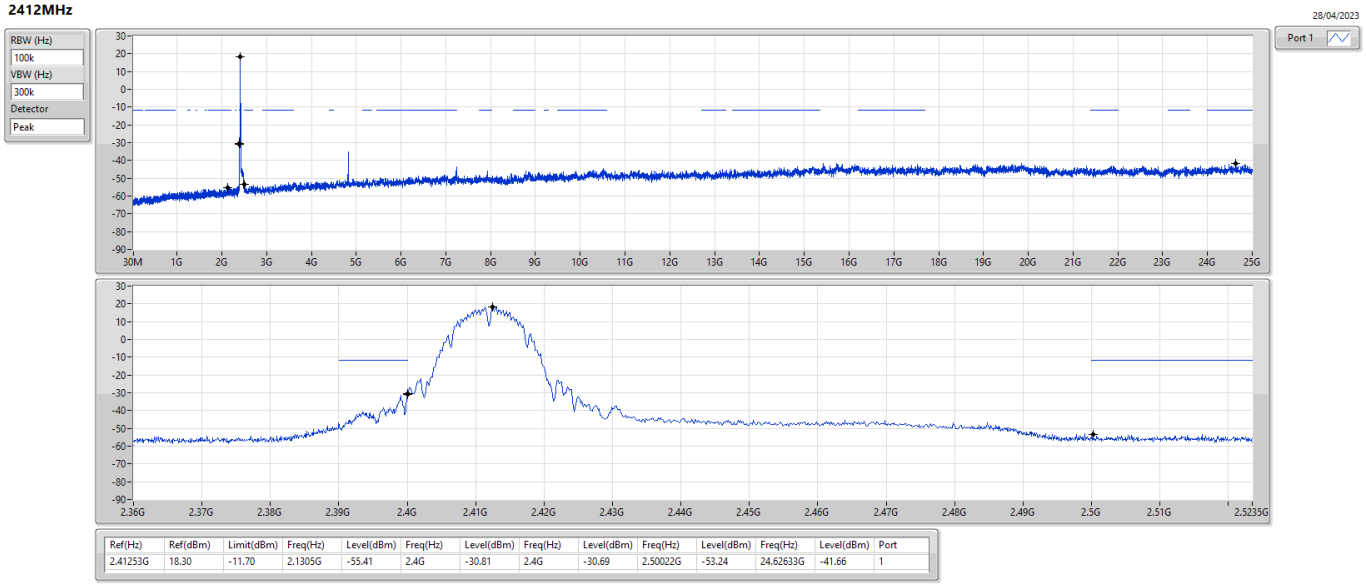
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	Pass	2.41253G	18.30	-11.70	2.1305G	-55.41	2.4G	-30.81	2.4G	-30.69	2.50022G	-53.24	24.62633G	-41.66	1
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41152G	18.59	-11.41	2.10603G	-55.57	2.4G	-26.88	2.4G	-26.97	2.51518G	-53.35	24.83985G	-41.22	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.41069G	8.66	-21.34	2.05477G	-54.83	2.39984G	-25.70	2.4G	-25.79	2.50398G	-51.95	21.58919G	-43.51	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.41687G	9.22	-20.78	1.95808G	-54.66	2.39976G	-24.22	2.4G	-25.69	2.50902G	-52.96	24.19647G	-41.43	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.41954G	5.32	-24.68	2.1036G	-54.82	2.3976G	-35.45	2.4G	-38.10	2.51774G	-53.88	24.15022G	-42.03	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)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41253G	18.30	-11.70	2.1305G	-55.41	2.4G	-30.81	2.4G	-30.69	2.50022G	-53.24	24.62633G	-41.66	1
2437MHz	Pass	2.43758G	19.10	-10.90	2.09438G	-55.37	2.39768G	-47.53	2.4G	-49.28	2.51646G	-53.30	24.60947G	-42.00	1
2462MHz	Pass	2.46313G	18.43	-11.57	2.07574G	-55.09	2.39664G	-48.33	2.4G	-50.31	2.50142G	-53.52	16.84103G	-42.19	1
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41253G	18.27	-11.73	1.97555G	-54.56	2.4G	-29.81	2.4G	-29.60	2.51542G	-53.68	16.66403G	-41.91	1
2412MHz	Pass	2.41152G	18.59	-11.41	2.10603G	-55.57	2.4G	-26.88	2.4G	-26.97	2.51518G	-53.35	24.83985G	-41.22	2
2437MHz	Pass	2.43758G	19.03	-10.97	1.92779G	-55.81	2.39976G	-46.80	2.4G	-49.46	2.52054G	-53.20	24.25266G	-41.56	1
2437MHz	Pass	2.43591G	19.55	-10.45	2.17477G	-54.46	2.39712G	-45.92	2.4G	-47.73	2.51014G	-53.51	24.46899G	-41.42	2
2462MHz	Pass	2.46263G	18.61	-11.39	2.1771G	-54.82	2.39936G	-48.34	2.4G	-50.71	2.50942G	-53.58	15.17215G	-41.88	1
2462MHz	Pass	2.46313G	19.14	-10.86	2.11535G	-55.11	2.39808G	-46.76	2.4G	-48.07	2.51894G	-53.34	24.4999G	-41.65	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41954G	9.17	-20.83	2.18525G	-54.64	2.39896G	-27.29	2.4G	-27.16	2.51078G	-51.81	21.53019G	-44.23	1
2412MHz	Pass	2.41069G	8.66	-21.34	2.05477G	-54.83	2.39984G	-25.70	2.4G	-25.79	2.50398G	-51.95	21.58919G	-43.51	2
2437MHz	Pass	2.43958G	12.54	-17.46	2.19923G	-54.72	2.39672G	-42.60	2.4G	-43.68	2.5163G	-51.06	21.71562G	-44.54	1
2437MHz	Pass	2.43574G	12.42	-17.58	1.65168G	-54.89	2.39856G	-41.39	2.4G	-40.84	2.51406G	-52.15	21.64257G	-43.76	2
2462MHz	Pass	2.46446G	8.26	-21.74	1.87886G	-55.02	2.39568G	-49.43	2.4G	-51.57	2.52246G	-51.45	21.59762G	-44.64	1
2462MHz	Pass	2.46697G	8.41	-21.59	2.12817G	-54.91	2.39872G	-50.60	2.4G	-52.45	2.5011G	-52.03	21.98253G	-45.10	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41319G	8.70	-21.30	2.16661G	-54.47	2.4G	-25.73	2.4G	-26.11	2.51182G	-53.66	24.50833G	-41.68	1
2412MHz	Pass	2.41687G	9.22	-20.78	1.95808G	-54.66	2.39976G	-24.22	2.4G	-25.69	2.50902G	-52.96	24.19647G	-41.43	2
2437MHz	Pass	2.43958G	12.52	-17.48	1.9441G	-55.33	2.39912G	-42.94	2.4G	-42.68	2.5127G	-53.37	16.5685G	-41.27	1
2437MHz	Pass	2.43073G	12.57	-17.43	1.79847G	-54.84	2.39936G	-42.78	2.4G	-44.33	2.51334G	-53.67	24.48866G	-40.56	2
2462MHz	Pass	2.46964G	8.16	-21.84	2.12001G	-54.26	2.4G	-51.82	2.4G	-53.63	2.50022G	-52.76	16.66684G	-41.97	1
2462MHz	Pass	2.46463G	8.00	-22.00	2.18991G	-53.99	2.3964G	-50.96	2.4G	-52.89	2.51174G	-53.44	17.60242G	-41.52	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41954G	5.32	-24.68	2.1036G	-54.82	2.3976G	-35.45	2.4G	-38.10	2.51774G	-53.88	24.15022G	-42.03	1
2422MHz	Pass	2.43691G	6.16	-23.84	2.13108G	-54.14	2.39888G	-35.03	2.4G	-36.20	2.50126G	-53.31	24.2624G	-40.87	2
2437MHz	Pass	2.4319G	8.55	-21.45	2.11734G	-55.47	2.4G	-33.34	2.4G	-33.93	2.56318G	-53.52	24.84575G	-41.62	1
2437MHz	Pass	2.4344G	8.27	-21.73	1.76468G	-55.60	2.3992G	-33.98	2.4G	-35.45	2.52238G	-54.44	24.48396G	-41.40	2
2452MHz	Pass	2.44442G	5.94	-24.06	2.12535G	-54.78	2.39904G	-45.90	2.4G	-43.52	2.52398G	-53.47	24.11937G	-41.78	1
2452MHz	Pass	2.46947G	5.93	-24.07	1.82651G	-54.73	2.3992G	-46.57	2.4G	-42.96	2.5187G	-53.46	23.22752G	-42.08	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1) **CSENdB**

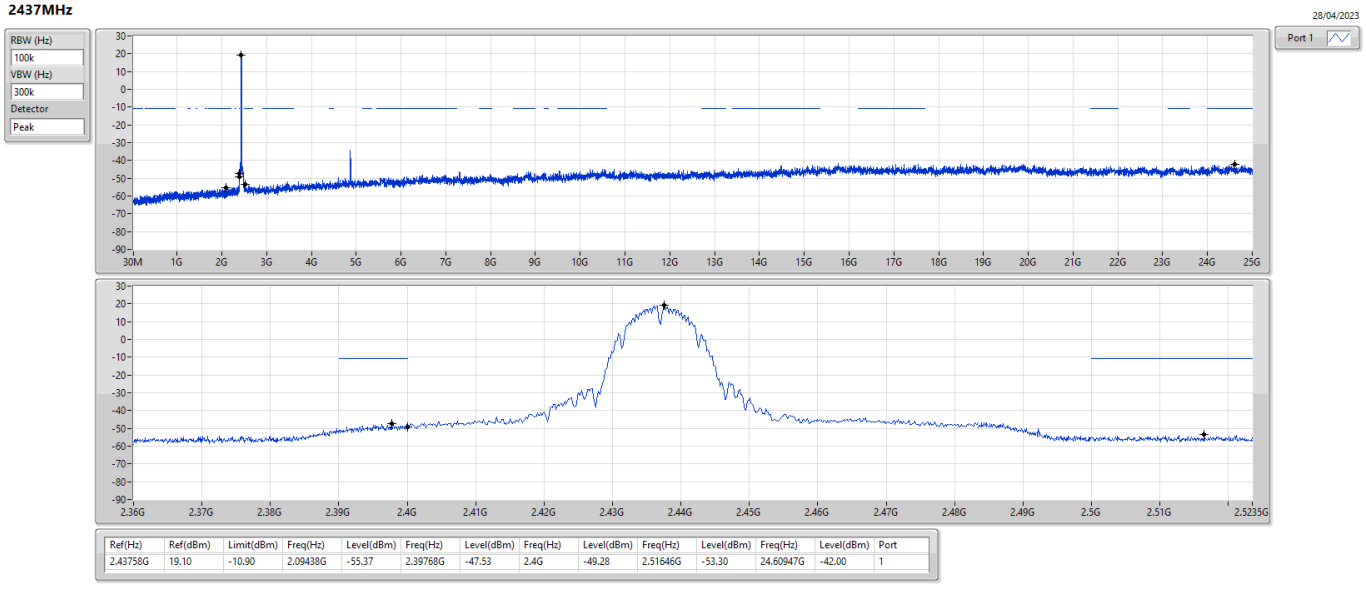
2412MHz



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
2.41253G	18.30	-11.70	2.1305G	-55.41	2.4G	-30.81	2.4G	-30.69	2.50022G	-53.24	24.62633G	-41.66	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1) **CSENdB**

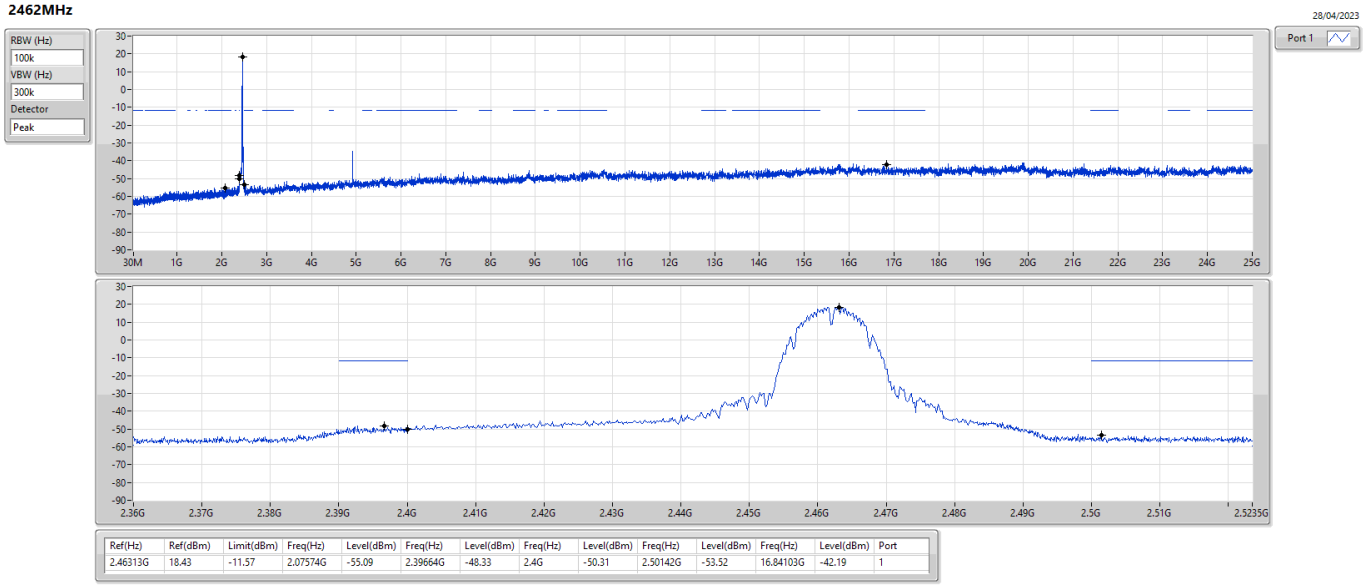
2437MHz



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	19.10	-10.90	2.09438G	-55.37	2.39768G	-47.53	2.4G	-49.28	2.51646G	-53.30	24.60947G	-42.00	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1) **CSENdB**

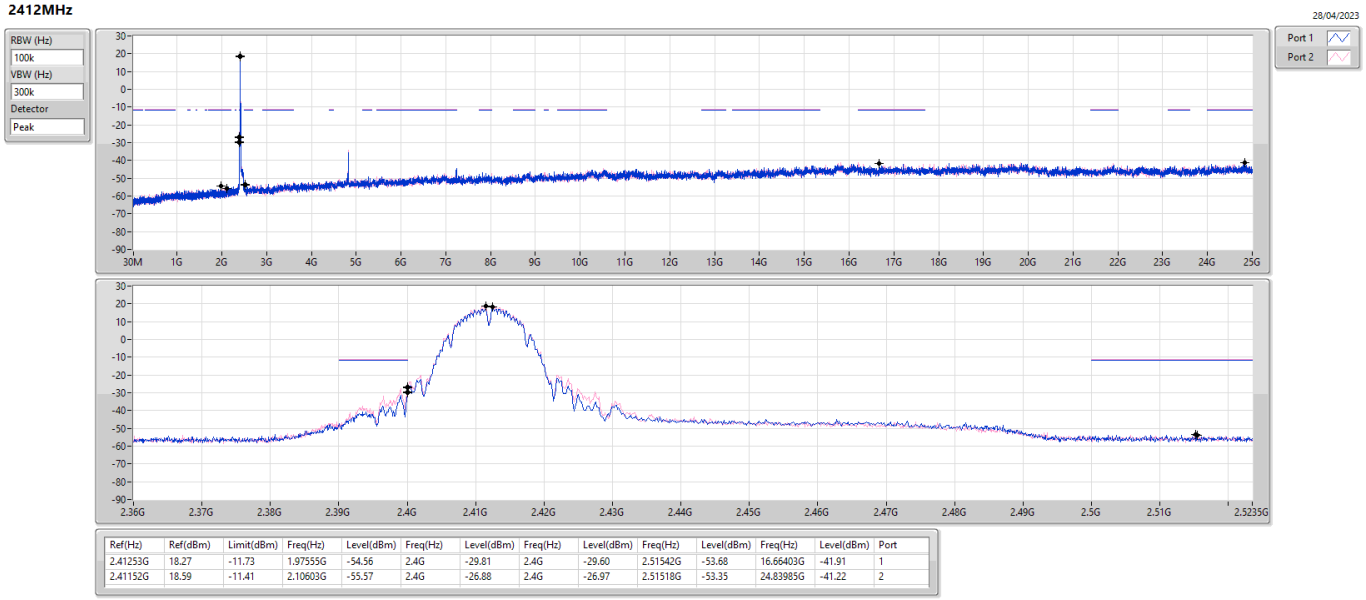
2462MHz



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
2.46313G	18.43	-11.57	2.07574G	-55.09	2.39664G	-48.33	2.4G	-50.31	2.50142G	-53.52	16.84103G	-42.19	1

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

2412MHz

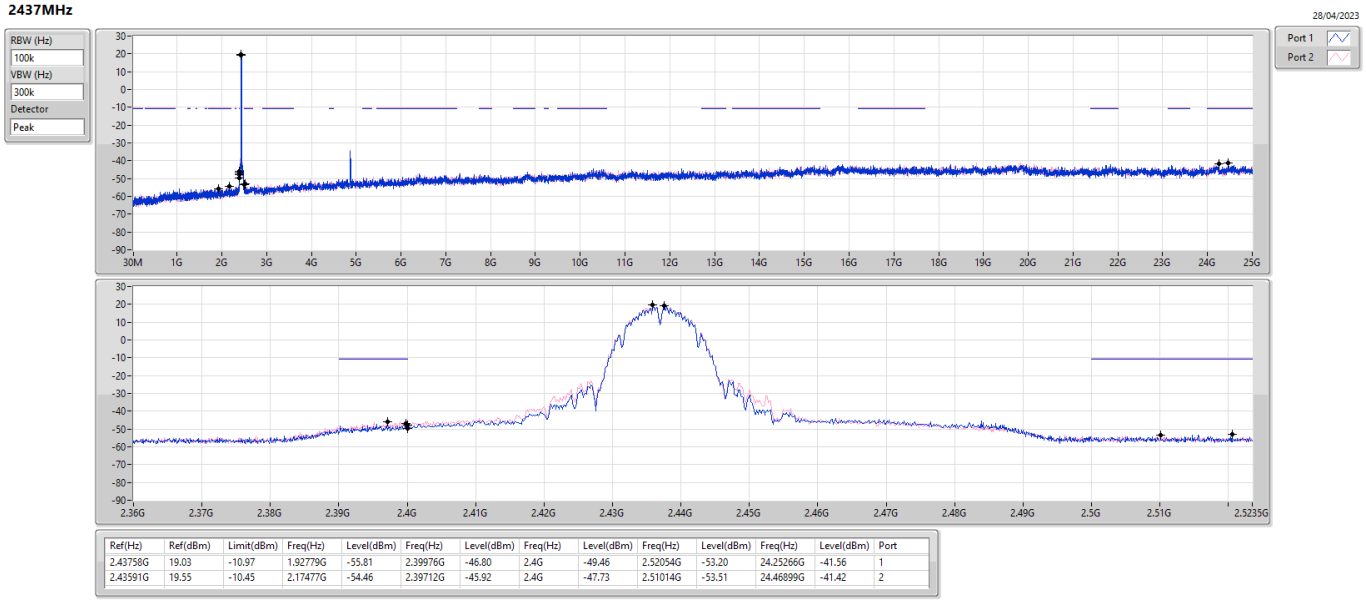


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41253G	18.27	-11.73	1.97555G	-54.56	2.4G	-29.81	2.4G	-29.60	2.51542G	-53.68	16.66403G	-41.91	1
2.41152G	18.59	-11.41	2.10603G	-55.57	2.4G	-26.88	2.4G	-26.97	2.51518G	-53.35	24.83985G	-41.22	2

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

CSENdB

2437MHz

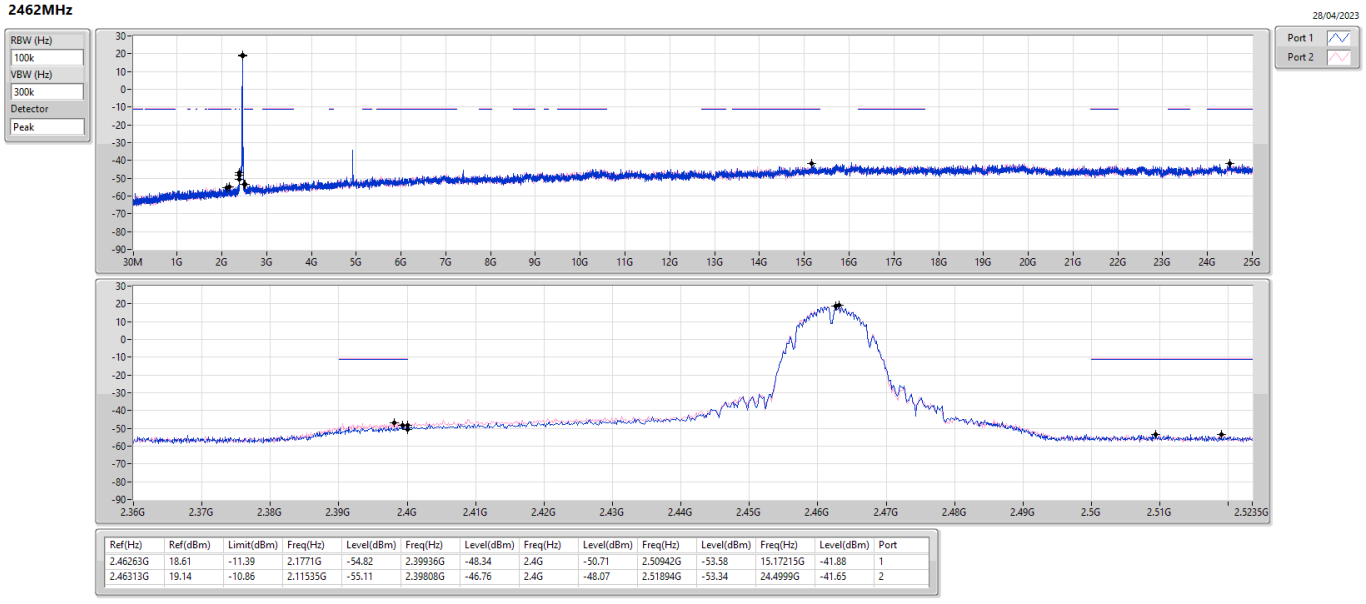


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43758G	19.03	-10.97	1.92779G	-55.81	2.39976G	-46.80	2.4G	-49.46	2.52054G	-53.20	24.25266G	-41.56	1
2.43591G	19.55	-10.45	2.17477G	-54.46	2.39712G	-45.92	2.4G	-47.73	2.51014G	-53.51	24.46899G	-41.42	2

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

CSENdB

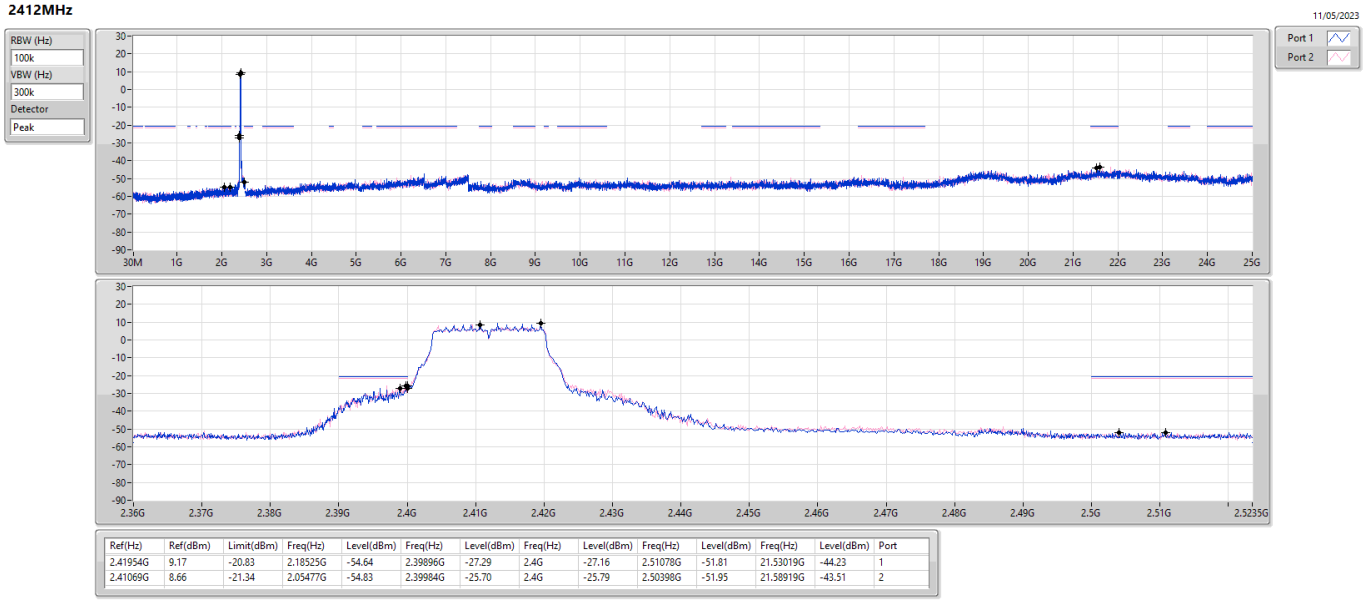
2462MHz



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
2.46263G	18.61	-11.39	2.1771G	-54.82	2.39936G	-48.34	2.4G	-50.71	2.50942G	-53.58	15.17215G	-41.88	1
2.46313G	19.14	-10.86	2.11535G	-55.11	2.39808G	-46.76	2.4G	-48.07	2.51894G	-53.34	24.4999G	-41.65	2

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

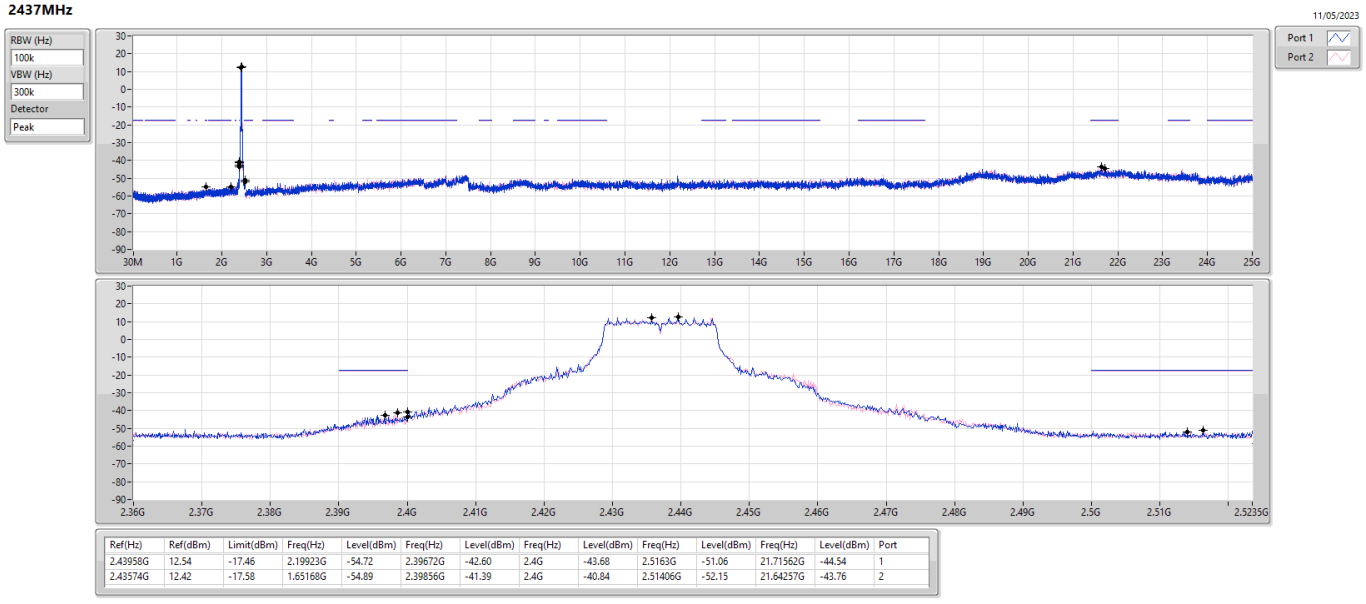
2412MHz



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
2.41954G	9.17	-20.83	2.18525G	-54.64	2.39896G	-27.29	2.4G	-27.16	2.51078G	-51.81	21.53019G	-44.23	1
2.41069G	8.66	-21.34	2.05477G	-54.83	2.39984G	-25.70	2.4G	-25.79	2.50398G	-51.95	21.58919G	-43.51	2

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

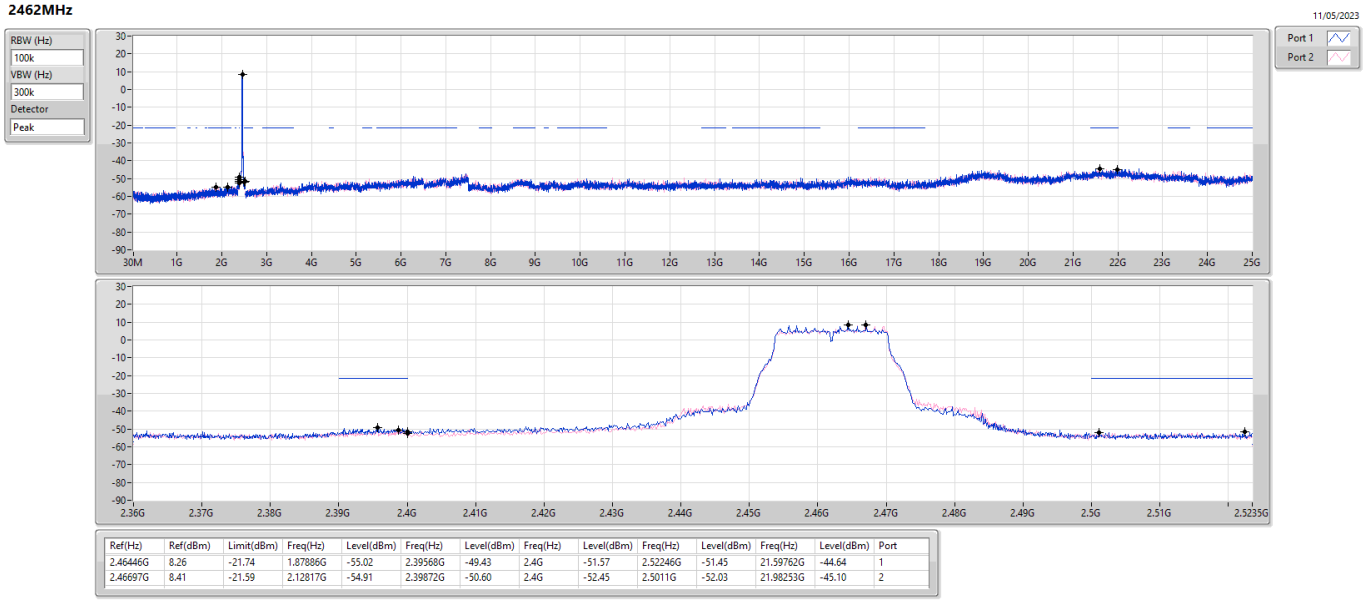
2437MHz



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
2.43958G	12.54	-17.46	2.19923G	-54.72	2.39672G	-42.60	2.4G	-43.68	2.5163G	-51.06	21.71562G	-44.54	1
2.43574G	12.42	-17.58	1.65168G	-54.89	2.39856G	-41.39	2.4G	-40.84	2.51406G	-52.15	21.64257G	-43.76	2

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

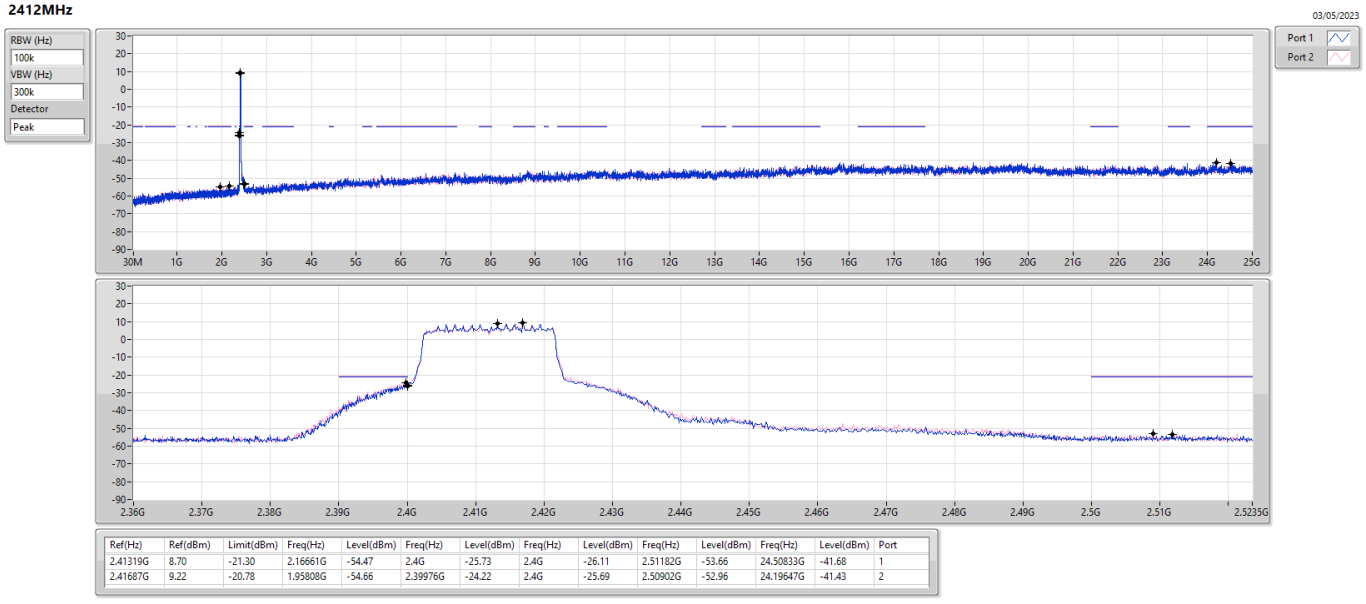
2462MHz



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
2.46446G	8.26	-21.74	1.87886G	-55.02	2.39568G	-49.43	2.4G	-51.57	2.52246G	-51.45	21.59762G	-44.64	1
2.46697G	8.41	-21.59	2.12817G	-54.91	2.39872G	-50.60	2.4G	-52.45	2.5011G	-52.03	21.98253G	-45.10	2

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

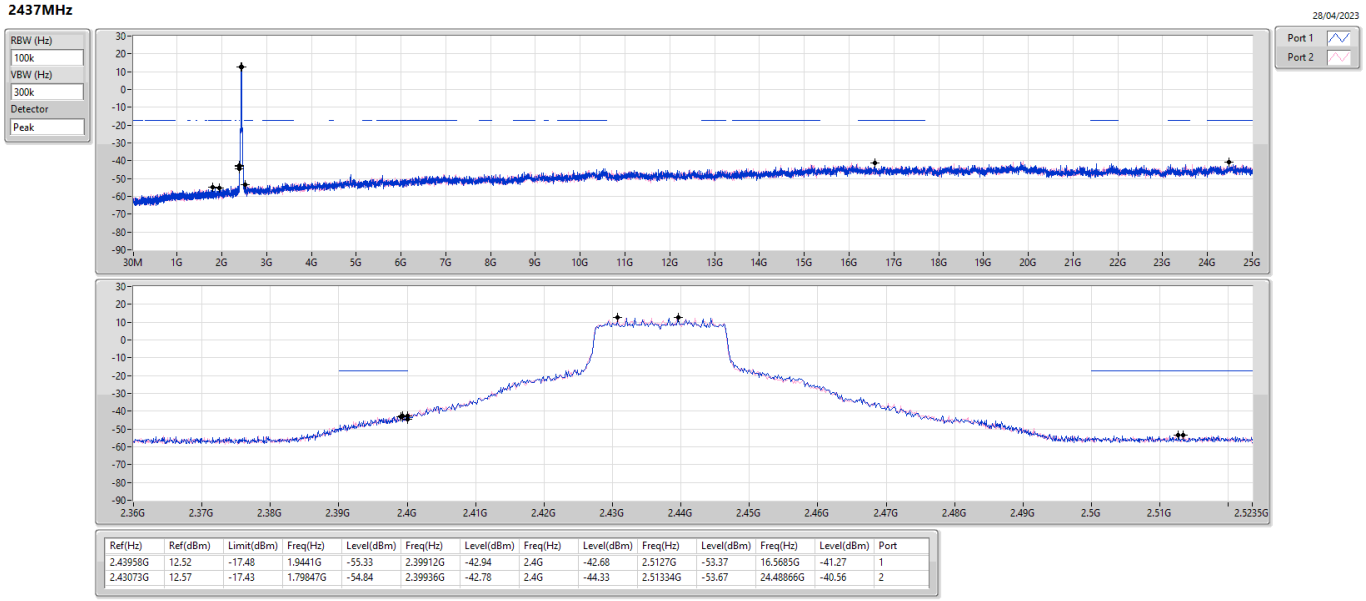
2412MHz



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
2.41319G	8.70	-21.30	2.16661G	-54.47	2.4G	-25.73	2.4G	-26.11	2.51182G	-53.66	24.50833G	-41.68	1
2.41687G	9.22	-20.78	1.95808G	-54.66	2.39976G	-24.22	2.4G	-25.69	2.50902G	-52.96	24.19647G	-41.43	2

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

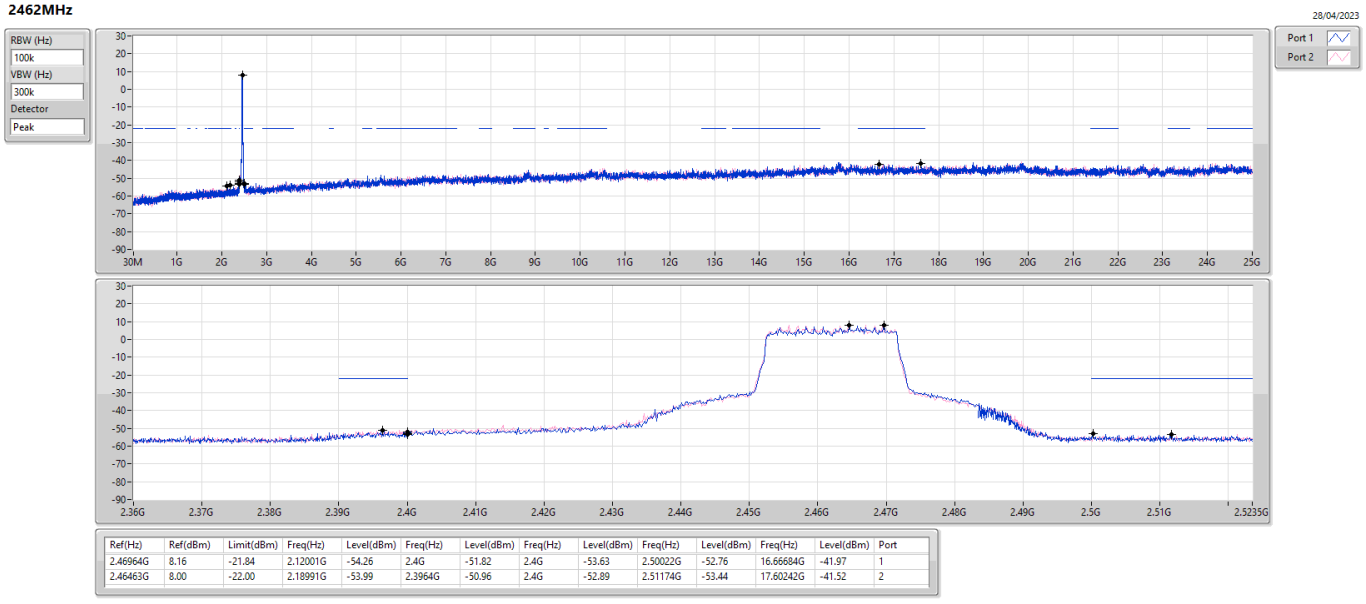
2437MHz



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	12.52	-17.48	1.9441G	-55.33	2.39912G	-42.94	2.4G	-42.68	2.5127G	-53.37	16.5685G	-41.27	1
2.43073G	12.57	-17.43	1.79847G	-54.84	2.39936G	-42.78	2.4G	-44.33	2.51334G	-53.67	24.48866G	-40.56	2

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

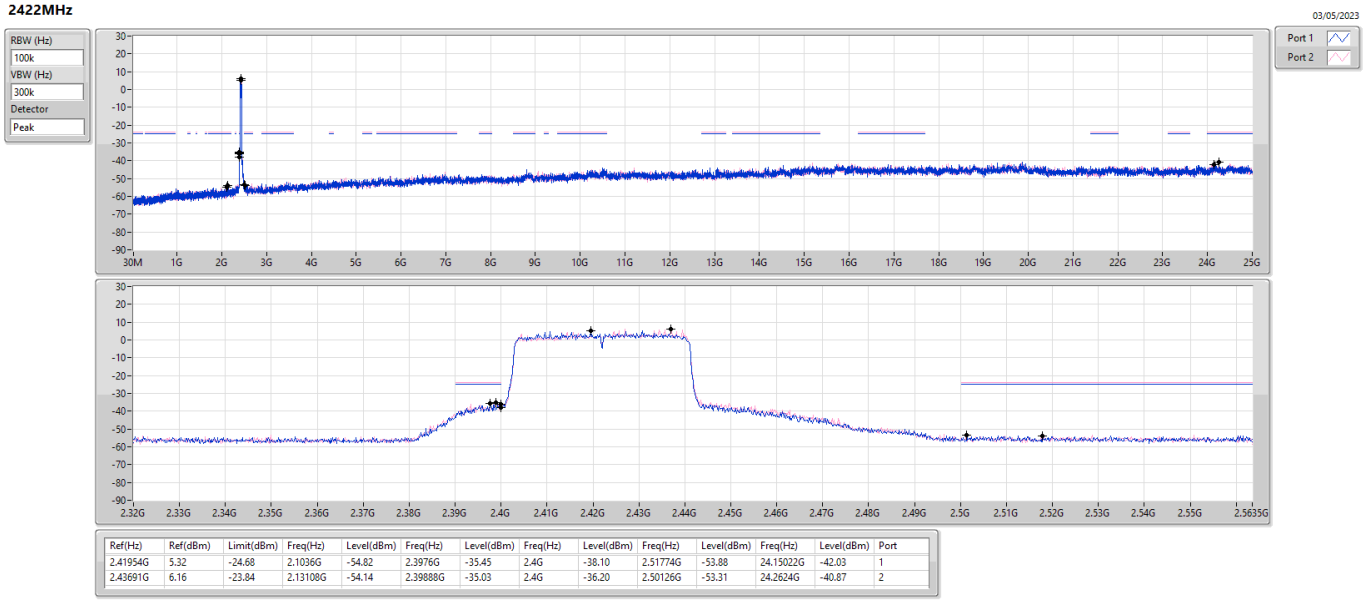
2462MHz



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
2.46964G	8.16	-21.84	2.12001G	-54.26	2.4G	-51.82	2.4G	-53.63	2.50022G	-52.76	16.66684G	-41.97	1
2.46463G	8.00	-22.00	2.18991G	-53.99	2.3964G	-50.96	2.4G	-52.89	2.51174G	-53.44	17.60242G	-41.52	2

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

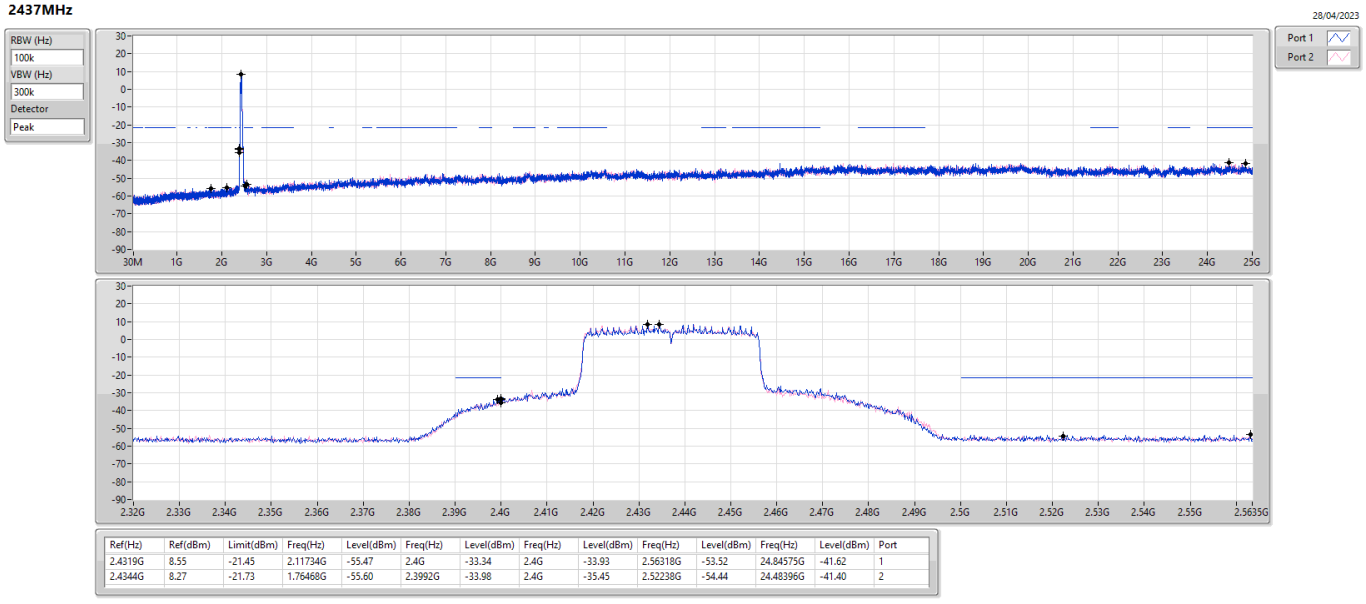
2422MHz



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
2.41954G	5.32	-24.68	2.1036G	-54.82	2.3976G	-35.45	2.4G	-38.10	2.51774G	-53.88	24.15022G	-42.03	1
2.43691G	6.16	-23.84	2.13108G	-54.14	2.39888G	-35.03	2.4G	-36.20	2.50126G	-53.31	24.2624G	-40.87	2

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

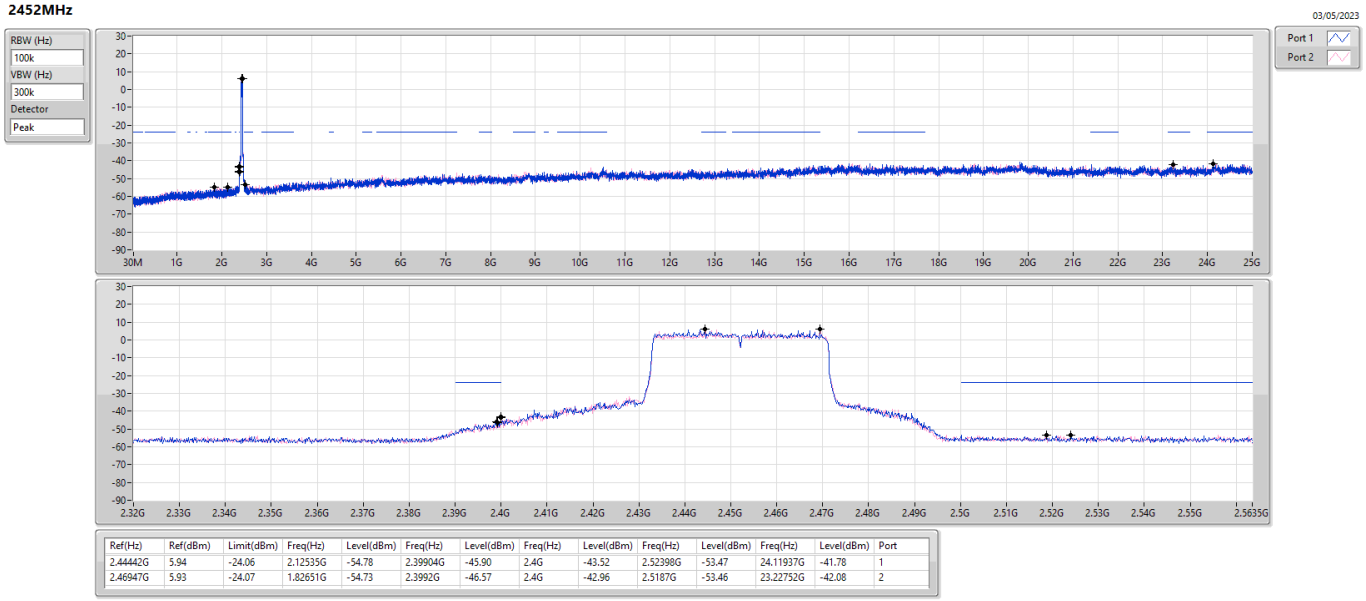
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	8.55	-21.45	2.11734G	-55.47	2.4G	-33.34	2.4G	-33.93	2.56318G	-53.52	24.84575G	-41.62	1
2.4344G	8.27	-21.73	1.76468G	-55.60	2.3992G	-33.98	2.4G	-35.45	2.52238G	-54.44	24.48396G	-41.40	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
2.44442G	5.94	-24.06	2.12535G	-54.78	2.39904G	-45.90	2.4G	-43.52	2.52398G	-53.47	24.11937G	-41.78	1
2.46947G	5.93	-24.07	1.82651G	-54.73	2.3992G	-46.57	2.4G	-42.96	2.5187G	-53.46	23.22752G	-42.08	2

Summary

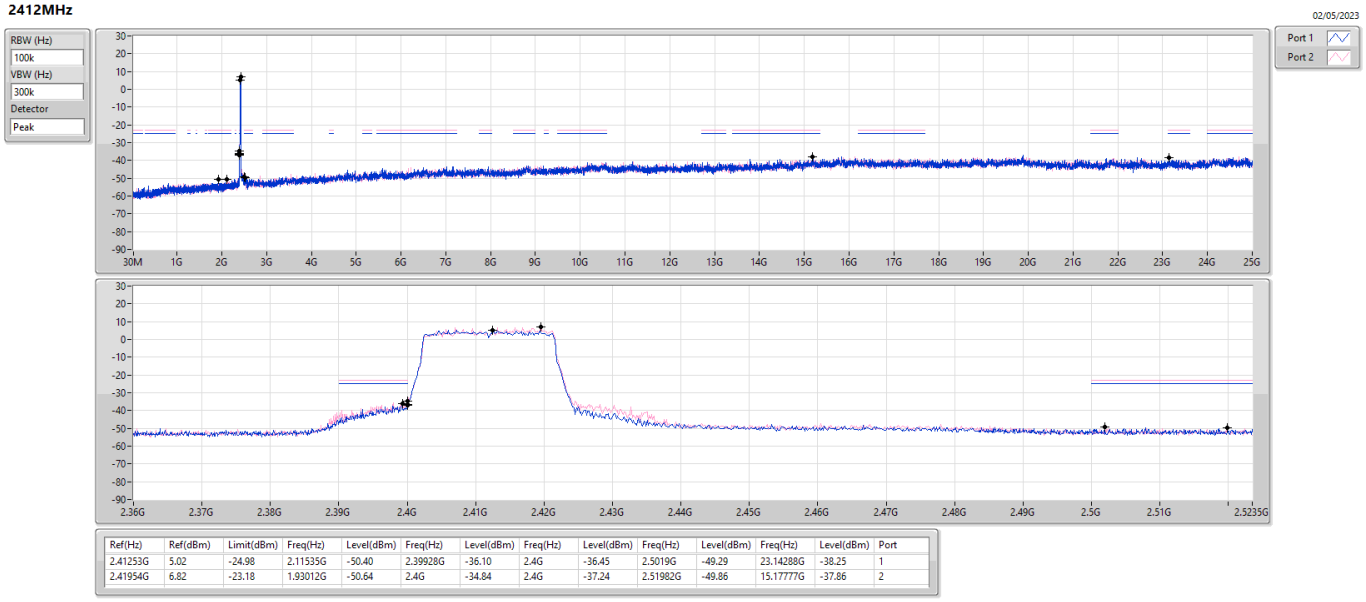
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.41253G	5.02	-24.98	2.11535G	-50.40	2.39928G	-36.10	2.4G	-36.45	2.5019G	-49.29	23.14288G	-38.25	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.44208G	7.72	-22.28	1.82193G	-51.69	2.39824G	-30.36	2.4G	-30.20	2.52254G	-48.98	16.67886G	-37.54	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
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41253G	5.02	-24.98	2.11535G	-50.40	2.39928G	-36.10	2.4G	-36.45	2.5019G	-49.29	23.14288G	-38.25	1
2412MHz	Pass	2.41954G	6.82	-23.18	1.93012G	-50.64	2.4G	-34.84	2.4G	-37.24	2.51982G	-49.86	15.17777G	-37.86	2
2437MHz	Pass	2.44208G	12.50	-17.50	1.62722G	-51.54	2.39768G	-42.31	2.4G	-43.75	2.5123G	-49.70	17.22875G	-37.88	1
2437MHz	Pass	2.44208G	12.50	-17.50	1.82294G	-50.96	2.39512G	-41.50	2.4G	-43.97	2.51126G	-49.57	21.84486G	-38.08	2
2462MHz	Pass	2.45478G	6.28	-23.72	2.13166G	-51.22	2.39896G	-49.16	2.4G	-50.49	2.51406G	-49.84	17.67266G	-38.14	1
2462MHz	Pass	2.46713G	7.73	-22.27	1.82294G	-51.85	2.39792G	-49.39	2.4G	-50.92	2.51966G	-48.73	24.18804G	-37.37	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42572G	5.27	-24.73	1.87574G	-51.11	2.39824G	-33.40	2.4G	-36.28	2.52238G	-49.19	15.18123G	-37.79	1
2422MHz	Pass	2.42689G	6.05	-23.95	2.07955G	-51.99	2.396G	-35.09	2.4G	-33.66	2.55406G	-48.89	24.77283G	-37.80	2
2437MHz	Pass	2.44208G	7.72	-22.28	1.82193G	-51.69	2.39824G	-30.36	2.4G	-30.20	2.52254G	-48.98	16.67886G	-37.54	1
2437MHz	Pass	2.4344G	11.43	-18.57	2.16543G	-50.37	2.39856G	-29.27	2.4G	-33.29	2.54078G	-49.65	17.45573G	-38.07	2
2452MHz	Pass	2.44325G	4.85	-25.15	2.12421G	-51.67	2.39984G	-45.16	2.4G	-46.42	2.54942G	-49.91	15.20086G	-38.19	1
2452MHz	Pass	2.44693G	6.97	-23.03	1.84254G	-51.74	2.39264G	-47.80	2.4G	-49.36	2.5371G	-49.80	24.19229G	-37.59	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX CSENdB

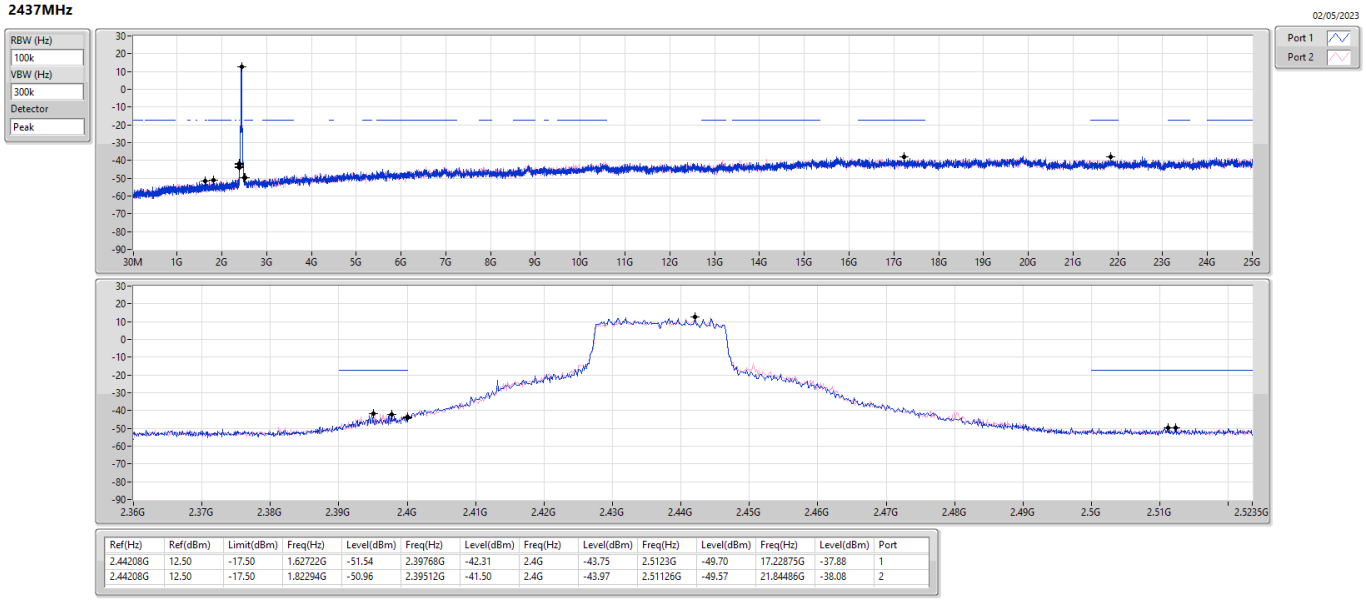
2412MHz



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
2.41253G	5.02	-24.98	2.11535G	-50.40	2.39928G	-36.10	2.4G	-36.45	2.5019G	-49.29	23.14288G	-38.25	1
2.41954G	6.82	-23.18	1.93012G	-50.64	2.4G	-34.84	2.4G	-37.24	2.51982G	-49.86	15.17777G	-37.86	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX CSENdB

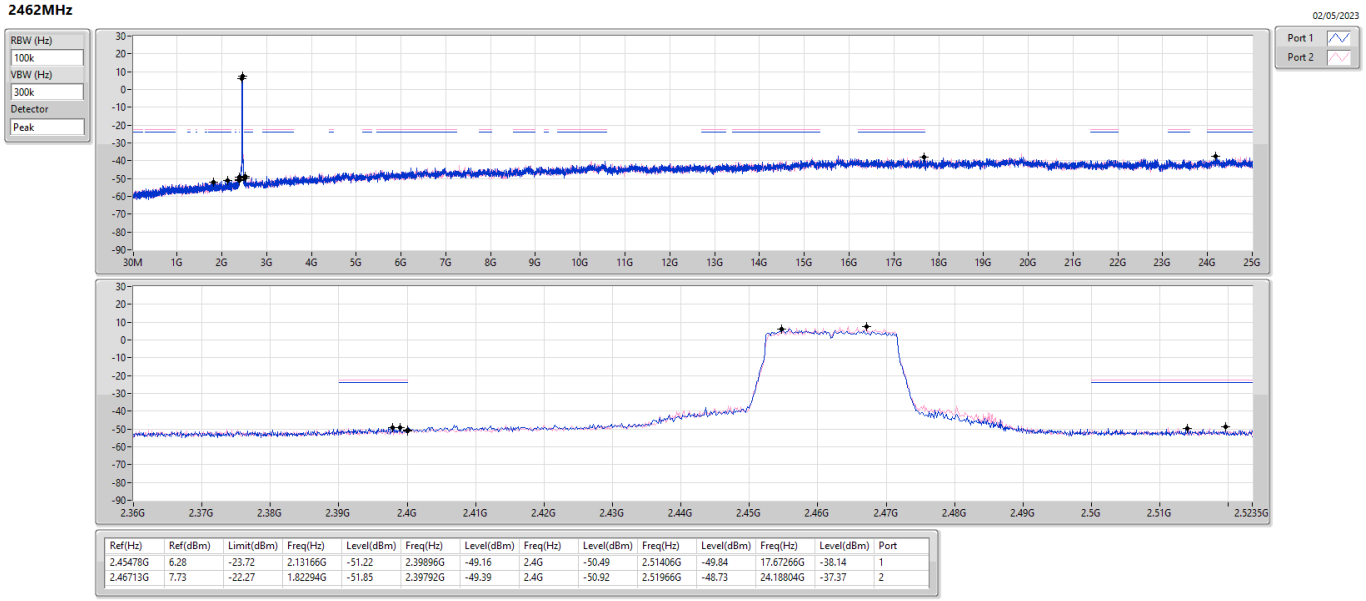
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	12.50	-17.50	1.62722G	-51.54	2.39768G	-42.31	2.4G	-43.75	2.5123G	-49.70	17.22875G	-37.88	1
2.44208G	12.50	-17.50	1.82294G	-50.96	2.39512G	-41.50	2.4G	-43.97	2.51126G	-49.57	21.84486G	-38.08	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX CSENdB

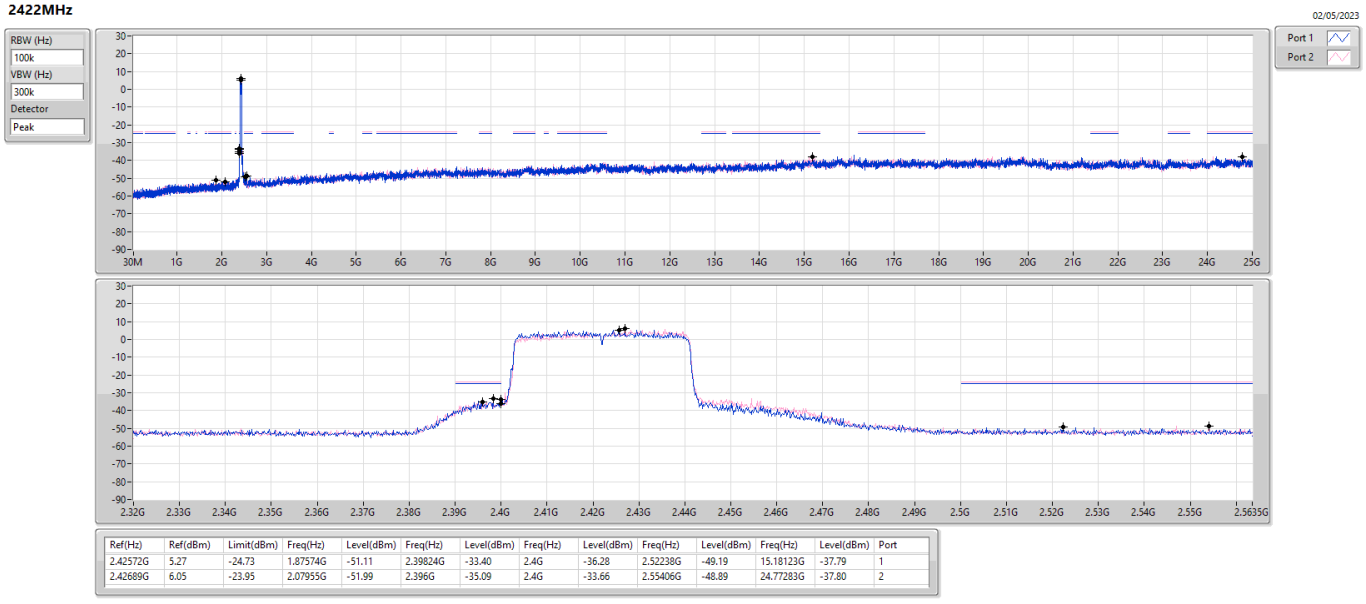
2462MHz



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
2.45478G	6.28	-23.72	2.13166G	-51.22	2.39896G	-49.16	2.4G	-50.49	2.51406G	-49.84	17.67266G	-38.14	1
2.46713G	7.73	-22.27	1.82294G	-51.85	2.39792G	-49.39	2.4G	-50.92	2.51966G	-48.73	24.18804G	-37.37	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX CSENdB

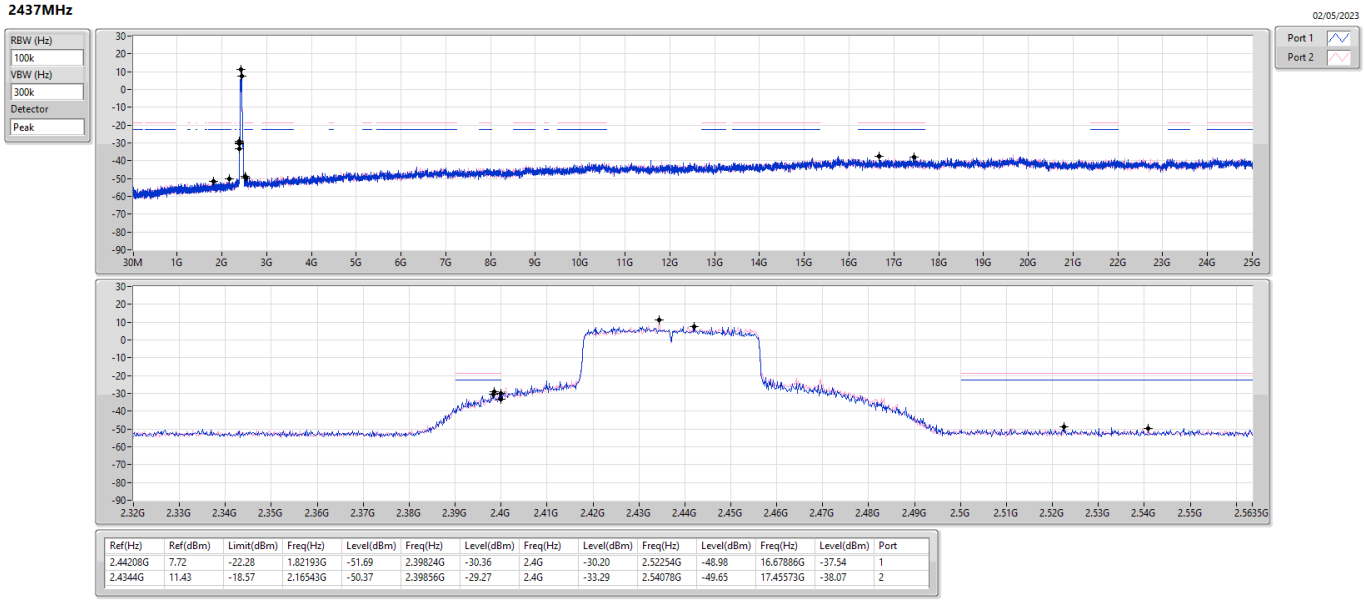
2422MHz



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
2.42572G	5.27	-24.73	1.87574G	-51.11	2.39824G	-33.40	2.4G	-36.28	2.52238G	-49.19	15.18123G	-37.79	1
2.42689G	6.05	-23.95	2.07955G	-51.99	2.396G	-35.09	2.4G	-33.66	2.55406G	-48.89	24.77283G	-37.80	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX CSENdB

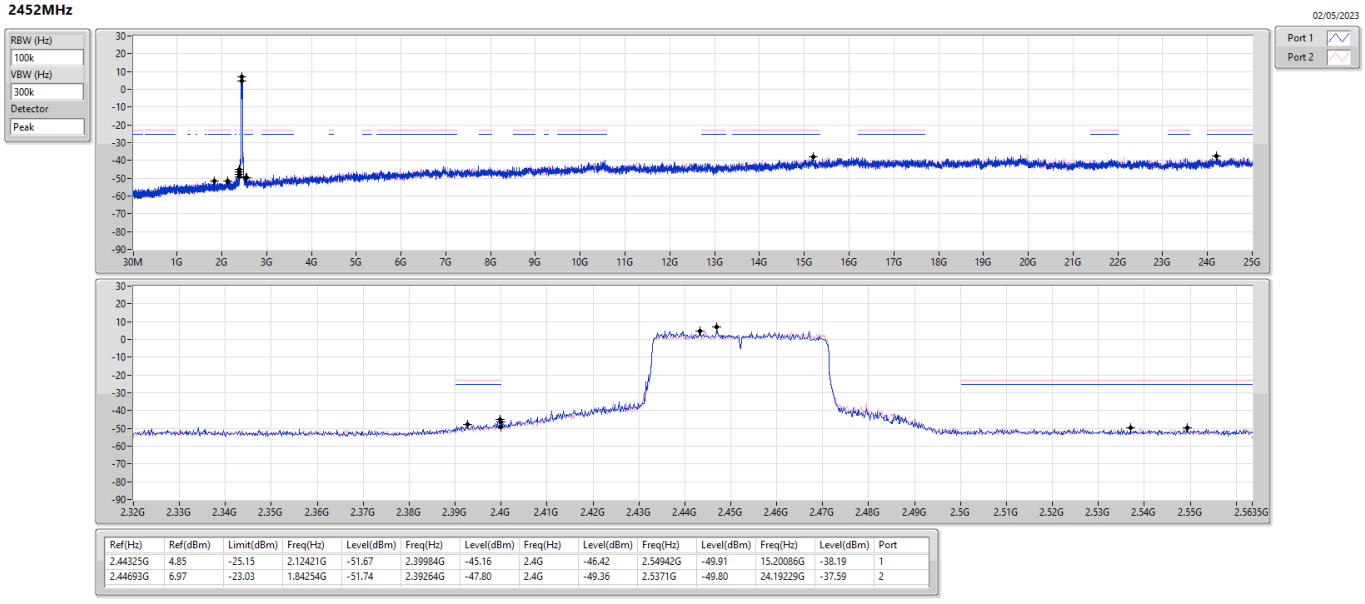
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	7.72	-22.28	1.82193G	-51.69	2.39824G	-30.36	2.4G	-30.20	2.52254G	-48.98	16.67886G	-37.54	1
2.4344G	11.43	-18.57	2.16543G	-50.37	2.39856G	-29.27	2.4G	-33.29	2.54078G	-49.65	17.45573G	-38.07	2

2.4-2.4835GHz_802.11ax HEW40-BF_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
2.44325G	4.85	-25.15	2.12421G	-51.67	2.39984G	-45.16	2.4G	-46.42	2.54942G	-49.91	15.20086G	-38.19	1
2.44693G	6.97	-23.03	1.84254G	-51.74	2.39264G	-47.80	2.4G	-49.36	2.5371G	-49.80	24.19229G	-37.59	2

Summary

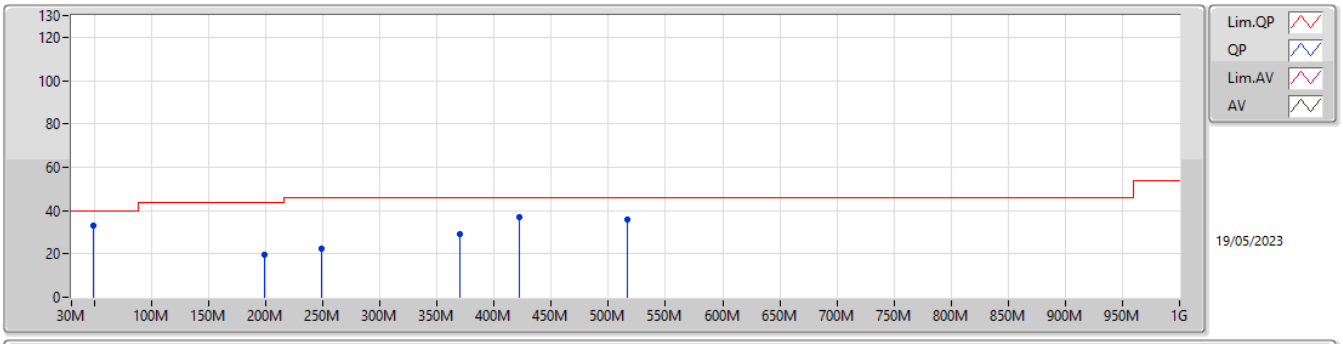
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	PK	49.4M	33.11	40.00	-6.89	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	49.4M	33.11	40.00	-6.89	3	Vertical	0	1.00	-
2437MHz	Pass	PK	198.78M	19.59	43.50	-23.91	3	Vertical	0	1.00	-
2437MHz	Pass	PK	249.22M	22.35	46.00	-23.65	3	Vertical	0	1.00	-
2437MHz	Pass	PK	369.5M	28.95	46.00	-17.05	3	Vertical	0	1.00	-
2437MHz	Pass	PK	421.88M	37.12	46.00	-8.88	3	Vertical	0	1.00	-
2437MHz	Pass	PK	516.94M	36.14	46.00	-9.86	3	Vertical	0	1.00	-
2437MHz	Pass	PK	49.4M	32.43	40.00	-7.57	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	90.14M	24.45	43.50	-19.05	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	258.92M	24.27	46.00	-21.73	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	369.5M	29.38	46.00	-16.62	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	421.88M	36.17	46.00	-9.83	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	516.94M	36.16	46.00	-9.84	3	Horizontal	360	1.00	-

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

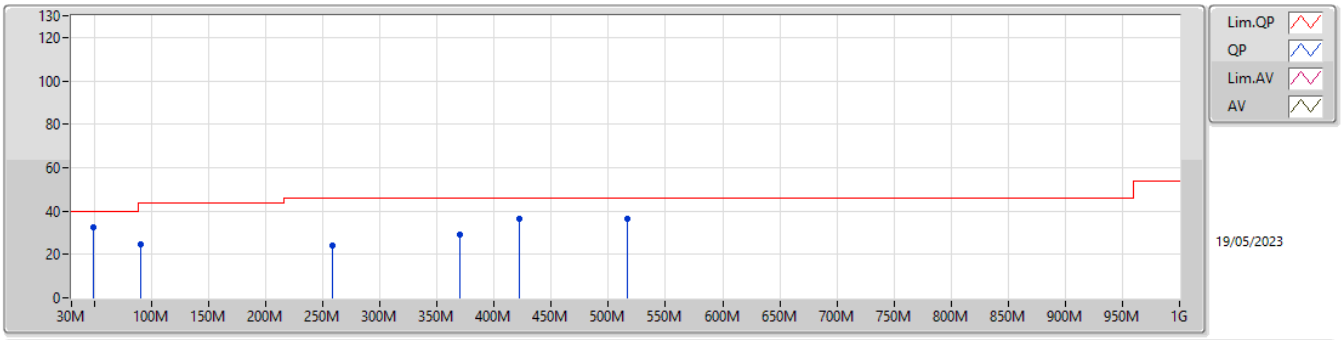
2437MHz_Adapter



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	49.4M	33.11	40.00	-6.89	-12.21	3	Vertical	0	1.00	45.32	13.76	1.42	27.39
PK	198.78M	19.59	43.50	-23.91	-10.22	3	Vertical	0	1.00	29.81	14.42	2.78	27.42
PK	249.22M	22.35	46.00	-23.65	-6.65	3	Vertical	0	1.00	29.00	17.47	3.04	27.16
PK	369.5M	28.95	46.00	-17.05	-3.87	3	Vertical	0	1.00	32.82	20.01	3.75	27.63
PK	421.88M	37.12	46.00	-8.88	-2.18	3	Vertical	0	1.00	39.30	21.78	4.07	28.03
PK	516.94M	36.14	46.00	-9.86	-1.32	3	Vertical	0	1.00	37.46	22.67	4.45	28.44

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

2437MHz_Adapter



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	49.4M	32.43	40.00	-7.57	-12.21	3	Horizontal	360	1.00	44.64	13.76	1.42	27.39
PK	90.14M	24.45	43.50	-19.05	-11.73	3	Horizontal	360	1.00	36.18	14.11	2.00	27.84
PK	258.92M	24.27	46.00	-21.73	-5.42	3	Horizontal	360	1.00	29.69	18.67	3.08	27.17
PK	369.5M	29.38	46.00	-16.62	-3.87	3	Horizontal	360	1.00	33.25	20.01	3.75	27.63
PK	421.88M	36.17	46.00	-9.83	-2.18	3	Horizontal	360	1.00	38.35	21.78	4.07	28.03
PK	516.94M	36.16	46.00	-9.84	-1.32	3	Horizontal	360	1.00	37.48	22.67	4.45	28.44

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)_1TX(Port1)	Pass	AV	2.485G	48.16	54.00	-5.84	3	Horizontal	115	2.80
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.4835G	48.99	54.00	-5.01	3	Vertical	290	1.00
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	2.3898G	73.67	74.00	-0.33	3	Horizontal	100	2.45
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	2.4842G	73.67	74.00	-0.33	3	Vertical	301	1.24

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	46.11	54.00	-7.89	3	Vertical	15	2.34
2412MHz	Pass	AV	2.4112G	113.34	Inf	-Inf	3	Vertical	15	2.34
2412MHz	Pass	PK	2.39G	58.93	74.00	-15.07	3	Vertical	15	2.34
2412MHz	Pass	PK	2.413G	115.89	Inf	-Inf	3	Vertical	15	2.34
2412MHz	Pass	AV	2.39G	46.89	54.00	-7.11	3	Horizontal	110	2.19
2412MHz	Pass	AV	2.4128G	114.94	Inf	-Inf	3	Horizontal	110	2.19
2412MHz	Pass	PK	2.3886G	60.05	74.00	-13.95	3	Horizontal	110	2.19
2412MHz	Pass	PK	2.4128G	117.45	Inf	-Inf	3	Horizontal	110	2.19
2412MHz	Pass	AV	4.82396G	28.60	54.00	-25.40	3	Vertical	132	1.58
2412MHz	Pass	PK	4.82392G	42.05	74.00	-31.95	3	Vertical	132	1.58
2412MHz	Pass	AV	4.824G	30.41	54.00	-23.59	3	Horizontal	123	2.51
2412MHz	Pass	PK	4.82412G	41.42	74.00	-32.58	3	Horizontal	123	2.51
2437MHz	Pass	AV	2.3898G	45.05	54.00	-8.95	3	Vertical	0	1.79
2437MHz	Pass	AV	2.4378G	112.00	Inf	-Inf	3	Vertical	0	1.79
2437MHz	Pass	AV	2.487G	45.32	54.00	-8.68	3	Vertical	0	1.79
2437MHz	Pass	PK	2.3898G	57.41	74.00	-16.59	3	Vertical	0	1.79
2437MHz	Pass	PK	2.4378G	114.51	Inf	-Inf	3	Vertical	0	1.79
2437MHz	Pass	PK	2.485G	58.96	74.00	-15.04	3	Vertical	0	1.79
2437MHz	Pass	AV	2.3894G	45.20	54.00	-8.80	3	Horizontal	95	2.86
2437MHz	Pass	AV	2.4378G	113.35	Inf	-Inf	3	Horizontal	95	2.86
2437MHz	Pass	AV	2.4854G	45.89	54.00	-8.11	3	Horizontal	95	2.86
2437MHz	Pass	PK	2.3898G	57.77	74.00	-16.23	3	Horizontal	95	2.86
2437MHz	Pass	PK	2.4378G	115.89	Inf	-Inf	3	Horizontal	95	2.86
2437MHz	Pass	PK	2.4862G	58.44	74.00	-15.56	3	Horizontal	95	2.86
2437MHz	Pass	AV	4.87406G	31.23	54.00	-22.77	3	Vertical	152	3.00
2437MHz	Pass	AV	7.30938G	34.14	54.00	-19.86	3	Vertical	87	1.30
2437MHz	Pass	PK	4.87388G	42.65	74.00	-31.35	3	Vertical	152	3.00
2437MHz	Pass	PK	7.31046G	47.81	74.00	-26.19	3	Vertical	87	1.30
2437MHz	Pass	AV	4.87406G	34.86	54.00	-19.14	3	Horizontal	115	1.18
2437MHz	Pass	AV	7.30992G	33.90	54.00	-20.10	3	Horizontal	97	2.04
2437MHz	Pass	PK	4.8737G	43.68	74.00	-30.32	3	Horizontal	115	1.18
2437MHz	Pass	PK	7.31496G	47.64	74.00	-26.36	3	Horizontal	97	2.04
2462MHz	Pass	AV	2.4628G	113.27	Inf	-Inf	3	Vertical	35	1.95
2462MHz	Pass	AV	2.4856G	46.54	54.00	-7.46	3	Vertical	35	1.95
2462MHz	Pass	PK	2.4628G	115.83	Inf	-Inf	3	Vertical	35	1.95
2462MHz	Pass	PK	2.4874G	59.96	74.00	-14.04	3	Vertical	35	1.95
2462MHz	Pass	AV	2.4628G	114.72	Inf	-Inf	3	Horizontal	115	2.80
2462MHz	Pass	AV	2.485G	48.16	54.00	-5.84	3	Horizontal	115	2.80
2462MHz	Pass	PK	2.4612G	117.34	Inf	-Inf	3	Horizontal	115	2.80
2462MHz	Pass	PK	2.484G	61.25	74.00	-12.75	3	Horizontal	115	2.80
2462MHz	Pass	AV	4.92394G	31.31	54.00	-22.69	3	Vertical	142	2.94
2462MHz	Pass	AV	7.38774G	34.71	54.00	-19.29	3	Vertical	87	1.13
2462MHz	Pass	PK	4.924G	43.07	74.00	-30.93	3	Vertical	142	2.94
2462MHz	Pass	PK	7.39302G	48.00	74.00	-26.00	3	Vertical	87	1.13
2462MHz	Pass	AV	4.924G	33.98	54.00	-20.02	3	Horizontal	134	1.43
2462MHz	Pass	AV	7.38768G	34.50	54.00	-19.50	3	Horizontal	157	1.22
2462MHz	Pass	PK	4.924G	43.51	74.00	-30.49	3	Horizontal	134	1.43
2462MHz	Pass	PK	7.38786G	47.57	74.00	-26.43	3	Horizontal	157	1.22
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3886G	47.47	54.00	-6.53	3	Vertical	341	2.20
2412MHz	Pass	AV	2.4112G	116.83	Inf	-Inf	3	Vertical	341	2.20
2412MHz	Pass	PK	2.389G	60.91	74.00	-13.09	3	Vertical	341	2.20
2412MHz	Pass	PK	2.4112G	119.40	Inf	-Inf	3	Vertical	341	2.20
2412MHz	Pass	AV	2.3884G	48.27	54.00	-5.73	3	Horizontal	112	2.64
2412MHz	Pass	AV	2.4128G	117.04	Inf	-Inf	3	Horizontal	112	2.64
2412MHz	Pass	PK	2.3886G	61.25	74.00	-12.75	3	Horizontal	112	2.64
2412MHz	Pass	PK	2.4112G	119.62	Inf	-Inf	3	Horizontal	112	2.64
2412MHz	Pass	AV	4.824G	28.61	54.00	-25.39	3	Vertical	150	2.17
2412MHz	Pass	PK	4.8248G	41.41	74.00	-32.59	3	Vertical	150	2.17
2412MHz	Pass	AV	4.82396G	28.61	54.00	-25.39	3	Horizontal	66	1.19

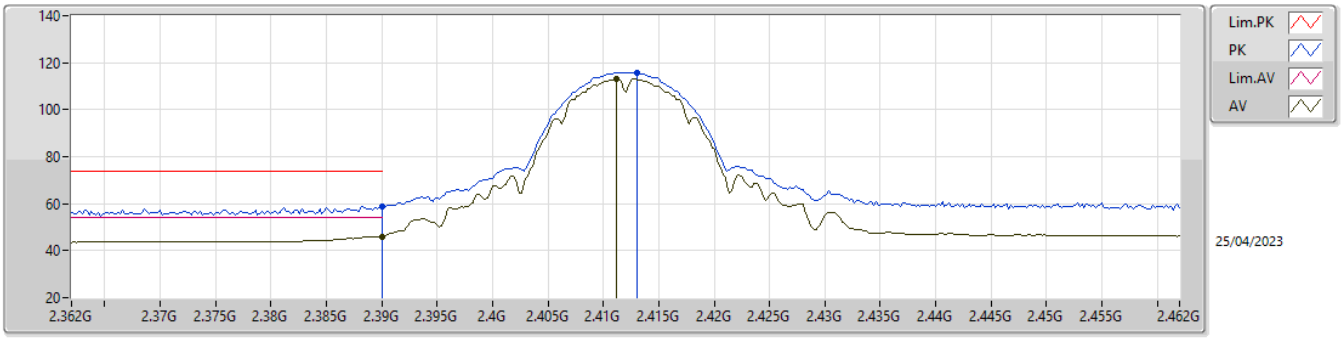
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	PK	4.81684G	41.96	74.00	-32.04	3	Horizontal	66	1.19
2437MHz	Pass	AV	2.3898G	45.98	54.00	-8.02	3	Vertical	305	1.87
2437MHz	Pass	AV	2.4362G	117.22	Inf	-Inf	3	Vertical	305	1.87
2437MHz	Pass	AV	2.4842G	47.36	54.00	-6.64	3	Vertical	305	1.87
2437MHz	Pass	PK	2.3878G	58.52	74.00	-15.48	3	Vertical	305	1.87
2437MHz	Pass	PK	2.4362G	119.78	Inf	-Inf	3	Vertical	305	1.87
2437MHz	Pass	PK	2.4838G	60.83	74.00	-13.17	3	Vertical	305	1.87
2437MHz	Pass	AV	2.3898G	45.09	54.00	-8.91	3	Horizontal	257	2.08
2437MHz	Pass	AV	2.4378G	114.51	Inf	-Inf	3	Horizontal	257	2.08
2437MHz	Pass	AV	2.4842G	45.69	54.00	-8.31	3	Horizontal	257	2.08
2437MHz	Pass	PK	2.3894G	57.92	74.00	-16.08	3	Horizontal	257	2.08
2437MHz	Pass	PK	2.4378G	117.13	Inf	-Inf	3	Horizontal	257	2.08
2437MHz	Pass	PK	2.485G	59.03	74.00	-14.97	3	Horizontal	257	2.08
2437MHz	Pass	AV	4.87394G	30.56	54.00	-23.44	3	Vertical	160	1.50
2437MHz	Pass	AV	7.3125G	33.71	54.00	-20.29	3	Vertical	118	1.29
2437MHz	Pass	PK	4.86302G	43.25	74.00	-30.75	3	Vertical	160	1.50
2437MHz	Pass	PK	7.31994G	47.38	74.00	-26.62	3	Vertical	118	1.29
2437MHz	Pass	AV	4.874G	34.45	54.00	-19.55	3	Horizontal	129	1.50
2437MHz	Pass	AV	7.30962G	34.14	54.00	-19.86	3	Horizontal	49	2.39
2437MHz	Pass	PK	4.87406G	43.98	74.00	-30.02	3	Horizontal	129	1.50
2437MHz	Pass	PK	7.30602G	47.69	74.00	-26.31	3	Horizontal	49	2.39
2462MHz	Pass	AV	2.4612G	115.45	Inf	-Inf	3	Vertical	290	1.00
2462MHz	Pass	AV	2.4835G	48.99	54.00	-5.01	3	Vertical	290	1.00
2462MHz	Pass	PK	2.4612G	117.85	Inf	-Inf	3	Vertical	290	1.00
2462MHz	Pass	PK	2.4836G	62.64	74.00	-11.36	3	Vertical	290	1.00
2462MHz	Pass	AV	2.4628G	112.77	Inf	-Inf	3	Horizontal	288	2.36
2462MHz	Pass	AV	2.4835G	48.15	54.00	-5.85	3	Horizontal	288	2.36
2462MHz	Pass	PK	2.4628G	115.42	Inf	-Inf	3	Horizontal	288	2.36
2462MHz	Pass	PK	2.4838G	61.23	74.00	-12.77	3	Horizontal	288	2.36
2462MHz	Pass	AV	4.924G	31.26	54.00	-22.74	3	Vertical	155	3.00
2462MHz	Pass	AV	7.38474G	35.67	54.00	-18.33	3	Vertical	87	1.24
2462MHz	Pass	PK	4.92382G	43.56	74.00	-30.44	3	Vertical	155	3.00
2462MHz	Pass	PK	7.38648G	48.07	74.00	-25.93	3	Vertical	87	1.24
2462MHz	Pass	AV	4.924G	33.20	54.00	-20.80	3	Horizontal	113	1.49
2462MHz	Pass	AV	7.38456G	35.45	54.00	-18.55	3	Horizontal	49	2.08
2462MHz	Pass	PK	4.92412G	43.77	74.00	-30.23	3	Horizontal	113	1.49
2462MHz	Pass	PK	7.38822G	48.50	74.00	-25.50	3	Horizontal	49	2.08
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	49.93	54.00	-4.07	3	Vertical	0	1.96
2412MHz	Pass	AV	2.4074G	102.65	Inf	-Inf	3	Vertical	0	1.96
2412MHz	Pass	PK	2.389G	72.59	74.00	-1.41	3	Vertical	0	1.96
2412MHz	Pass	PK	2.4052G	115.14	Inf	-Inf	3	Vertical	0	1.96
2412MHz	Pass	AV	2.3898G	52.78	54.00	-1.22	3	Horizontal	100	2.45
2412MHz	Pass	AV	2.4072G	105.26	Inf	-Inf	3	Horizontal	100	2.45
2412MHz	Pass	PK	2.3898G	73.67	74.00	-0.33	3	Horizontal	100	2.45
2412MHz	Pass	PK	2.4052G	117.97	Inf	-Inf	3	Horizontal	100	2.45
2412MHz	Pass	AV	4.82512G	28.11	54.00	-25.89	3	Vertical	58	2.38
2412MHz	Pass	PK	4.81824G	41.53	74.00	-32.47	3	Vertical	58	2.38
2412MHz	Pass	AV	4.82396G	28.12	54.00	-25.88	3	Horizontal	93	2.84
2412MHz	Pass	PK	4.8298G	42.46	74.00	-31.54	3	Horizontal	93	2.84
2417MHz	Pass	AV	2.3892G	52.52	54.00	-1.48	3	Vertical	301	1.56
2417MHz	Pass	AV	2.4254G	106.39	Inf	-Inf	3	Vertical	301	1.56
2417MHz	Pass	PK	2.39G	71.71	74.00	-2.29	3	Vertical	301	1.56
2417MHz	Pass	PK	2.4228G	118.61	Inf	-Inf	3	Vertical	301	1.56
2417MHz	Pass	AV	2.39G	53.40	54.00	-0.60	3	Horizontal	106	2.18
2417MHz	Pass	AV	2.4196G	106.22	Inf	-Inf	3	Horizontal	106	2.18
2417MHz	Pass	PK	2.39G	71.18	74.00	-2.82	3	Horizontal	106	2.18
2417MHz	Pass	PK	2.4196G	119.78	Inf	-Inf	3	Horizontal	106	2.18
2437MHz	Pass	AV	2.3898G	46.66	54.00	-7.34	3	Vertical	287	1.50
2437MHz	Pass	AV	2.4326G	106.66	Inf	-Inf	3	Vertical	287	1.50
2437MHz	Pass	AV	2.4835G	48.09	54.00	-5.91	3	Vertical	287	1.50
2437MHz	Pass	PK	2.3898G	61.65	74.00	-12.35	3	Vertical	287	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	PK	2.4334G	118.84	Inf	-Inf	3	Vertical	287	1.50
2437MHz	Pass	PK	2.4854G	64.20	74.00	-9.80	3	Vertical	287	1.50
2437MHz	Pass	AV	2.389G	45.58	54.00	-8.42	3	Horizontal	276	1.95
2437MHz	Pass	AV	2.439G	105.78	Inf	-Inf	3	Horizontal	276	1.95
2437MHz	Pass	AV	2.4838G	47.48	54.00	-6.52	3	Horizontal	276	1.95
2437MHz	Pass	PK	2.3886G	58.96	74.00	-15.04	3	Horizontal	276	1.95
2437MHz	Pass	PK	2.4386G	119.10	Inf	-Inf	3	Horizontal	276	1.95
2437MHz	Pass	PK	2.4838G	63.80	74.00	-10.20	3	Horizontal	276	1.95
2437MHz	Pass	AV	4.88672G	28.20	54.00	-25.80	3	Vertical	81	1.50
2437MHz	Pass	AV	7.29816G	33.60	54.00	-20.40	3	Vertical	11	1.84
2437MHz	Pass	PK	4.85978G	41.94	74.00	-32.06	3	Vertical	81	1.50
2437MHz	Pass	PK	7.31502G	48.24	74.00	-25.76	3	Vertical	11	1.84
2437MHz	Pass	AV	4.88846G	28.21	54.00	-25.79	3	Horizontal	353	1.50
2437MHz	Pass	AV	7.29666G	33.65	54.00	-20.35	3	Horizontal	48	1.50
2437MHz	Pass	PK	4.88216G	41.88	74.00	-32.12	3	Horizontal	353	1.50
2437MHz	Pass	PK	7.29618G	48.12	74.00	-25.88	3	Horizontal	48	1.50
2457MHz	Pass	AV	2.4606G	105.73	Inf	-Inf	3	Vertical	298	1.00
2457MHz	Pass	AV	2.4835G	53.16	54.00	-0.84	3	Vertical	298	1.00
2457MHz	Pass	PK	2.4558G	118.64	Inf	-Inf	3	Vertical	298	1.00
2457MHz	Pass	PK	2.4835G	73.41	74.00	-0.59	3	Vertical	298	1.00
2457MHz	Pass	AV	2.4516G	104.83	Inf	-Inf	3	Horizontal	118	2.88
2457MHz	Pass	AV	2.4848G	49.50	54.00	-4.50	3	Horizontal	118	2.88
2457MHz	Pass	PK	2.4514G	118.27	Inf	-Inf	3	Horizontal	118	2.88
2457MHz	Pass	PK	2.4844G	68.75	74.00	-5.25	3	Horizontal	118	2.88
2462MHz	Pass	AV	2.4692G	102.33	Inf	-Inf	3	Vertical	288	2.26
2462MHz	Pass	AV	2.4844G	53.45	54.00	-0.55	3	Vertical	288	2.26
2462MHz	Pass	PK	2.469G	114.85	Inf	-Inf	3	Vertical	288	2.26
2462MHz	Pass	PK	2.4844G	73.18	74.00	-0.82	3	Vertical	288	2.26
2462MHz	Pass	AV	2.47G	101.68	Inf	-Inf	3	Horizontal	263	1.50
2462MHz	Pass	AV	2.485G	52.48	54.00	-1.52	3	Horizontal	263	1.50
2462MHz	Pass	PK	2.4696G	113.49	Inf	-Inf	3	Horizontal	263	1.50
2462MHz	Pass	PK	2.4844G	71.42	74.00	-2.58	3	Horizontal	263	1.50
2462MHz	Pass	AV	4.91772G	28.52	54.00	-25.48	3	Vertical	16	1.42
2462MHz	Pass	PK	4.9192G	41.90	74.00	-32.10	3	Vertical	16	1.42
2462MHz	Pass	AV	4.91824G	28.52	54.00	-25.48	3	Horizontal	139	1.67
2462MHz	Pass	PK	4.92136G	41.94	74.00	-32.06	3	Horizontal	139	1.67
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.27	54.00	-0.73	3	Vertical	285	2.51
2422MHz	Pass	AV	2.4352G	100.25	Inf	-Inf	3	Vertical	285	2.51
2422MHz	Pass	AV	2.4835G	45.09	54.00	-8.91	3	Vertical	285	2.51
2422MHz	Pass	PK	2.39G	72.32	74.00	-1.68	3	Vertical	285	2.51
2422MHz	Pass	PK	2.4404G	113.02	Inf	-Inf	3	Vertical	285	2.51
2422MHz	Pass	PK	2.4856G	57.76	74.00	-16.24	3	Vertical	285	2.51
2422MHz	Pass	AV	2.3888G	53.01	54.00	-0.99	3	Horizontal	277	1.90
2422MHz	Pass	AV	2.4364G	100.45	Inf	-Inf	3	Horizontal	277	1.90
2422MHz	Pass	AV	2.484G	45.39	54.00	-8.61	3	Horizontal	277	1.90
2422MHz	Pass	PK	2.3884G	72.47	74.00	-1.53	3	Horizontal	277	1.90
2422MHz	Pass	PK	2.4364G	112.93	Inf	-Inf	3	Horizontal	277	1.90
2422MHz	Pass	PK	2.4868G	59.48	74.00	-14.52	3	Horizontal	277	1.90
2422MHz	Pass	AV	4.85344G	28.22	54.00	-25.78	3	Vertical	246	2.49
2422MHz	Pass	PK	4.85052G	42.42	74.00	-31.58	3	Vertical	246	2.49
2422MHz	Pass	AV	4.85392G	28.22	54.00	-25.78	3	Horizontal	189	2.17
2422MHz	Pass	PK	4.85216G	42.66	74.00	-31.34	3	Horizontal	189	2.17
2427MHz	Pass	AV	2.3894G	53.34	54.00	-0.66	3	Vertical	301	1.56
2427MHz	Pass	AV	2.4318G	101.56	Inf	-Inf	3	Vertical	301	1.56
2427MHz	Pass	AV	2.4846G	46.31	54.00	-7.69	3	Vertical	301	1.56
2427MHz	Pass	PK	2.3894G	73.02	74.00	-0.98	3	Vertical	301	1.56
2427MHz	Pass	PK	2.4394G	114.35	Inf	-Inf	3	Vertical	301	1.56
2427MHz	Pass	PK	2.4846G	61.69	74.00	-12.31	3	Vertical	301	1.56
2427MHz	Pass	AV	2.389G	50.68	54.00	-3.32	3	Horizontal	107	2.10
2427MHz	Pass	AV	2.431G	101.09	Inf	-Inf	3	Horizontal	107	2.10
2427MHz	Pass	AV	2.4835G	45.99	54.00	-8.01	3	Horizontal	107	2.10

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2427MHz	Pass	PK	2.389G	71.26	74.00	-2.74	3	Horizontal	107	2.10
2427MHz	Pass	PK	2.4286G	113.68	Inf	-Inf	3	Horizontal	107	2.10
2427MHz	Pass	PK	2.4835G	63.07	74.00	-10.93	3	Horizontal	107	2.10
2437MHz	Pass	AV	2.3898G	51.71	54.00	-2.29	3	Vertical	288	2.33
2437MHz	Pass	AV	2.4302G	102.59	Inf	-Inf	3	Vertical	288	2.33
2437MHz	Pass	AV	2.4835G	53.44	54.00	-0.56	3	Vertical	288	2.33
2437MHz	Pass	PK	2.3898G	69.59	74.00	-4.41	3	Vertical	288	2.33
2437MHz	Pass	PK	2.433G	115.19	Inf	-Inf	3	Vertical	288	2.33
2437MHz	Pass	PK	2.4854G	72.83	74.00	-1.17	3	Vertical	288	2.33
2437MHz	Pass	AV	2.3886G	48.78	54.00	-5.22	3	Horizontal	260	1.50
2437MHz	Pass	AV	2.4382G	100.75	Inf	-Inf	3	Horizontal	260	1.50
2437MHz	Pass	AV	2.4838G	51.96	54.00	-2.04	3	Horizontal	260	1.50
2437MHz	Pass	PK	2.3882G	66.80	74.00	-7.20	3	Horizontal	260	1.50
2437MHz	Pass	PK	2.4338G	113.91	Inf	-Inf	3	Horizontal	260	1.50
2437MHz	Pass	PK	2.4838G	70.77	74.00	-3.23	3	Horizontal	260	1.50
2437MHz	Pass	AV	4.90268G	28.56	54.00	-25.44	3	Vertical	131	1.92
2437MHz	Pass	AV	7.29708G	33.65	54.00	-20.35	3	Vertical	295	1.50
2437MHz	Pass	PK	4.90016G	42.08	74.00	-31.92	3	Vertical	131	1.92
2437MHz	Pass	PK	7.32888G	48.53	74.00	-25.47	3	Vertical	295	1.50
2437MHz	Pass	AV	4.9034G	28.57	54.00	-25.43	3	Horizontal	338	1.50
2437MHz	Pass	AV	7.28688G	33.69	54.00	-20.31	3	Horizontal	2	1.50
2437MHz	Pass	PK	4.89992G	41.95	74.00	-32.05	3	Horizontal	338	1.50
2437MHz	Pass	PK	7.29156G	47.69	74.00	-26.31	3	Horizontal	2	1.50
2447MHz	Pass	AV	2.3898G	46.98	54.00	-7.02	3	Vertical	301	1.24
2447MHz	Pass	AV	2.4394G	101.80	Inf	-Inf	3	Vertical	301	1.24
2447MHz	Pass	AV	2.4842G	52.15	54.00	-1.85	3	Vertical	301	1.24
2447MHz	Pass	PK	2.3898G	63.13	74.00	-10.87	3	Vertical	301	1.24
2447MHz	Pass	PK	2.4418G	115.05	Inf	-Inf	3	Vertical	301	1.24
2447MHz	Pass	PK	2.4842G	73.67	74.00	-0.33	3	Vertical	301	1.24
2447MHz	Pass	AV	2.3898G	46.10	54.00	-7.90	3	Horizontal	117	2.86
2447MHz	Pass	AV	2.4406G	101.85	Inf	-Inf	3	Horizontal	117	2.86
2447MHz	Pass	AV	2.4835G	51.44	54.00	-2.56	3	Horizontal	117	2.86
2447MHz	Pass	PK	2.3898G	62.30	74.00	-11.70	3	Horizontal	117	2.86
2447MHz	Pass	PK	2.4382G	114.07	Inf	-Inf	3	Horizontal	117	2.86
2447MHz	Pass	PK	2.4854G	73.57	74.00	-0.43	3	Horizontal	117	2.86
2452MHz	Pass	AV	2.3892G	44.69	54.00	-9.31	3	Vertical	287	2.35
2452MHz	Pass	AV	2.4392G	100.12	Inf	-Inf	3	Vertical	287	2.35
2452MHz	Pass	AV	2.484G	52.04	54.00	-1.96	3	Vertical	287	2.35
2452MHz	Pass	PK	2.3888G	60.35	74.00	-13.65	3	Vertical	287	2.35
2452MHz	Pass	PK	2.4368G	112.97	Inf	-Inf	3	Vertical	287	2.35
2452MHz	Pass	PK	2.4844G	73.22	74.00	-0.78	3	Vertical	287	2.35
2452MHz	Pass	AV	2.39G	45.22	54.00	-8.78	3	Horizontal	273	1.91
2452MHz	Pass	AV	2.4376G	100.47	Inf	-Inf	3	Horizontal	273	1.91
2452MHz	Pass	AV	2.4852G	51.79	54.00	-2.21	3	Horizontal	273	1.91
2452MHz	Pass	PK	2.39G	58.20	74.00	-15.80	3	Horizontal	273	1.91
2452MHz	Pass	PK	2.4408G	112.68	Inf	-Inf	3	Horizontal	273	1.91
2452MHz	Pass	PK	2.4852G	73.41	74.00	-0.59	3	Horizontal	273	1.91
2452MHz	Pass	AV	4.90092G	28.43	54.00	-25.57	3	Vertical	166	2.64
2452MHz	Pass	PK	4.90164G	41.97	74.00	-32.03	3	Vertical	166	2.64
2452MHz	Pass	AV	4.9014G	28.41	54.00	-25.59	3	Horizontal	310	2.35
2452MHz	Pass	PK	4.90584G	42.20	74.00	-31.80	3	Horizontal	310	2.35

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

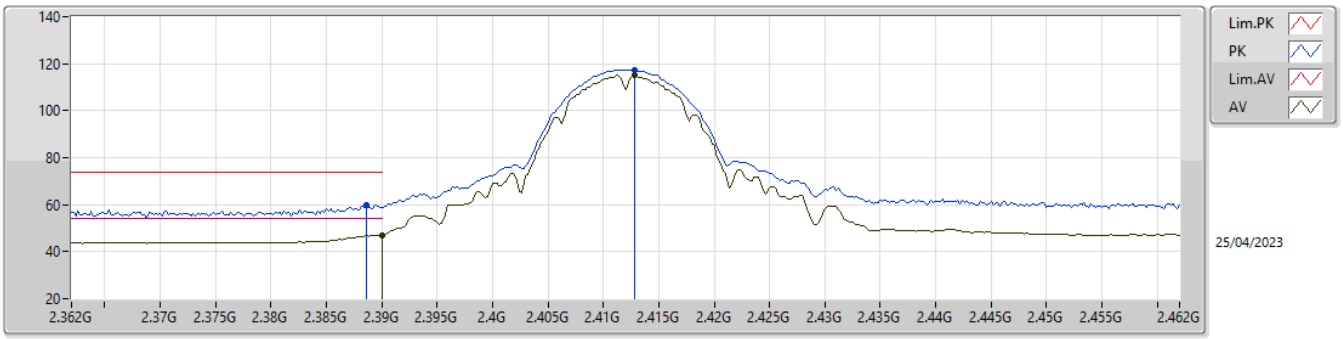
2412MHz_TX



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	46.11	54.00	-7.89	31.77	3	Vertical	15	2.34	14.34	27.52	4.25	-
AV	2.4112G	113.34	Inf	-Inf	31.89	3	Vertical	15	2.34	81.45	27.62	4.27	-
PK	2.39G	58.93	74.00	-15.07	31.77	3	Vertical	15	2.34	27.16	27.52	4.25	-
PK	2.413G	115.89	Inf	-Inf	31.90	3	Vertical	15	2.34	83.99	27.63	4.27	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

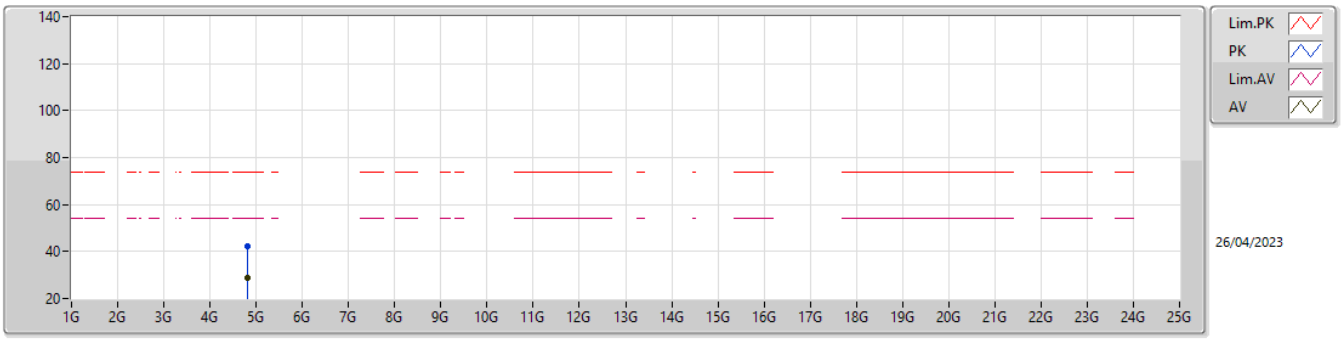
2412MHz_TX



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	46.89	54.00	-7.11	31.77	3	Horizontal	110	2.19	15.12	27.52	4.25	-
AV	2.4128G	114.94	Inf	-Inf	31.90	3	Horizontal	110	2.19	83.04	27.63	4.27	-
PK	2.3886G	60.05	74.00	-13.95	31.76	3	Horizontal	110	2.19	28.29	27.51	4.25	-
PK	2.4128G	117.45	Inf	-Inf	31.90	3	Horizontal	110	2.19	85.55	27.63	4.27	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

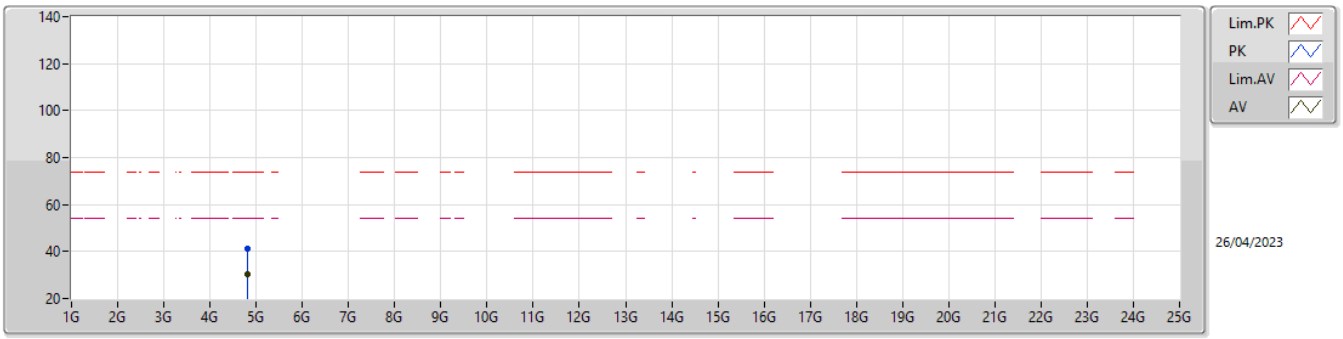
2412MHz_TX



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	4.82396G	28.60	54.00	-25.40	4.34	3	Vertical	132	1.58	24.26	32.34	6.18	34.18
PK	4.82392G	42.05	74.00	-31.95	4.34	3	Vertical	132	1.58	37.71	32.34	6.18	34.18

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

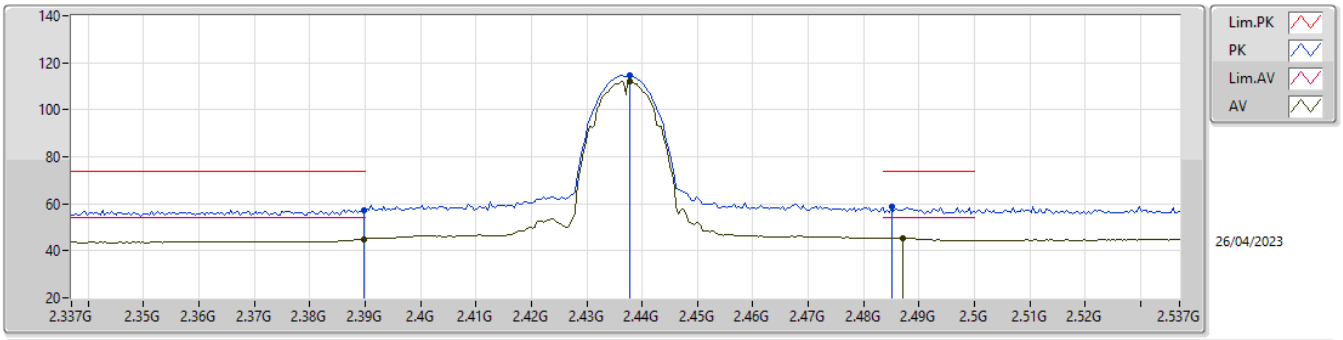
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	30.41	54.00	-23.59	4.34	3	Horizontal	123	2.51	26.07	32.34	6.18	34.18
PK	4.82412G	41.42	74.00	-32.58	4.34	3	Horizontal	123	2.51	37.08	32.34	6.18	34.18

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

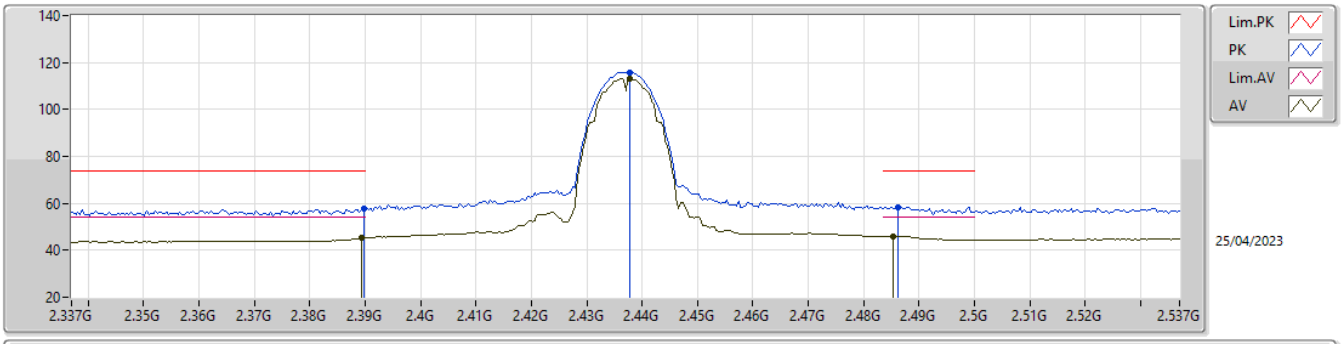
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	45.05	54.00	-8.95	31.77	3	Vertical	0	1.79	13.28	27.52	4.25	-
AV	2.4378G	112.00	Inf	-Inf	31.96	3	Vertical	0	1.79	80.04	27.68	4.28	-
AV	2.487G	45.32	54.00	-8.68	32.16	3	Vertical	0	1.79	13.16	27.85	4.31	-
PK	2.3898G	57.41	74.00	-16.59	31.77	3	Vertical	0	1.79	25.64	27.52	4.25	-
PK	2.4378G	114.51	Inf	-Inf	31.96	3	Vertical	0	1.79	82.55	27.68	4.28	-
PK	2.485G	58.96	74.00	-15.04	32.15	3	Vertical	0	1.79	26.81	27.84	4.31	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

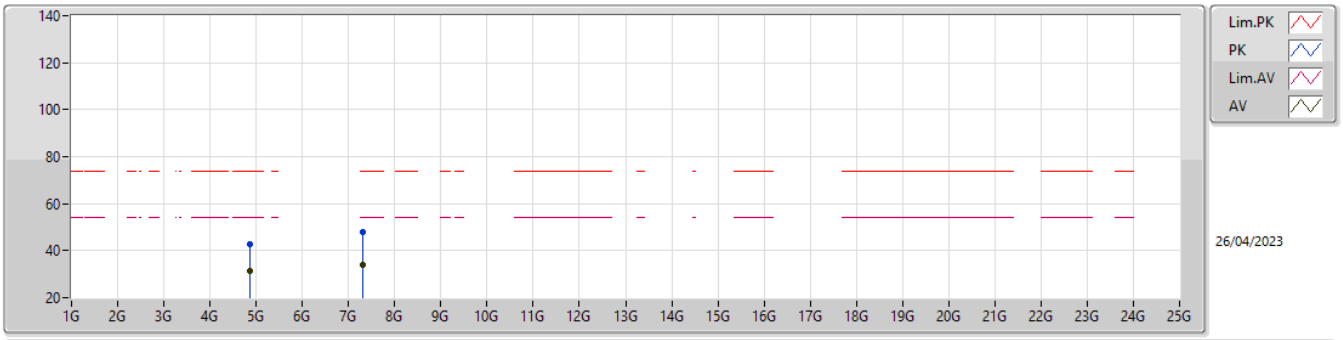
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	45.20	54.00	-8.80	31.77	3	Horizontal	95	2.86	13.43	27.52	4.25	-
AV	2.4378G	113.35	Inf	-Inf	31.96	3	Horizontal	95	2.86	81.39	27.68	4.28	-
AV	2.4854G	45.89	54.00	-8.11	32.15	3	Horizontal	95	2.86	13.74	27.84	4.31	-
PK	2.3898G	57.77	74.00	-16.23	31.77	3	Horizontal	95	2.86	26.00	27.52	4.25	-
PK	2.4378G	115.89	Inf	-Inf	31.96	3	Horizontal	95	2.86	83.93	27.68	4.28	-
PK	2.4862G	58.44	74.00	-15.56	32.15	3	Horizontal	95	2.86	26.29	27.84	4.31	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

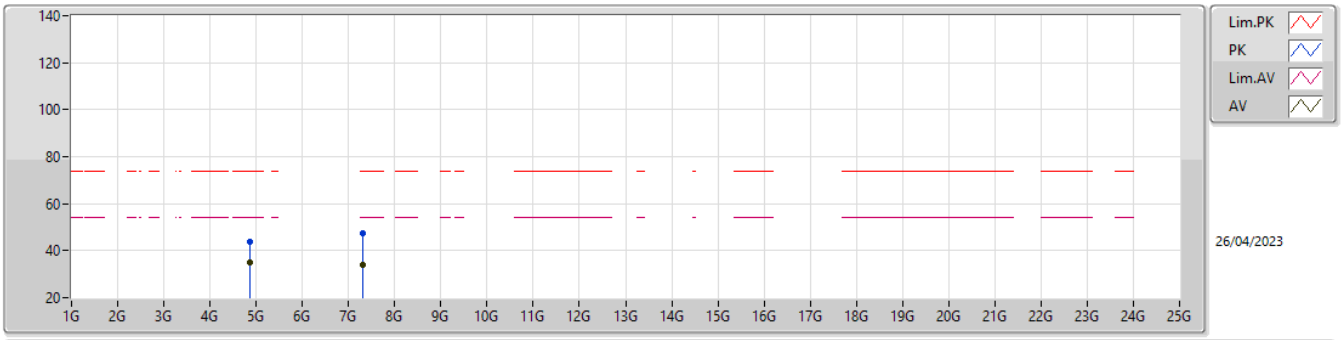
2437MHz_TX



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	4.87406G	31.23	54.00	-22.77	4.64	3	Vertical	152	3.00	26.59	32.60	6.21	34.17
AV	7.30938G	34.14	54.00	-19.86	10.06	3	Vertical	87	1.30	24.08	36.76	7.80	34.50
PK	4.87388G	42.65	74.00	-31.35	4.64	3	Vertical	152	3.00	38.01	32.60	6.21	34.17
PK	7.31046G	47.81	74.00	-26.19	10.06	3	Vertical	87	1.30	37.75	36.76	7.80	34.50

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

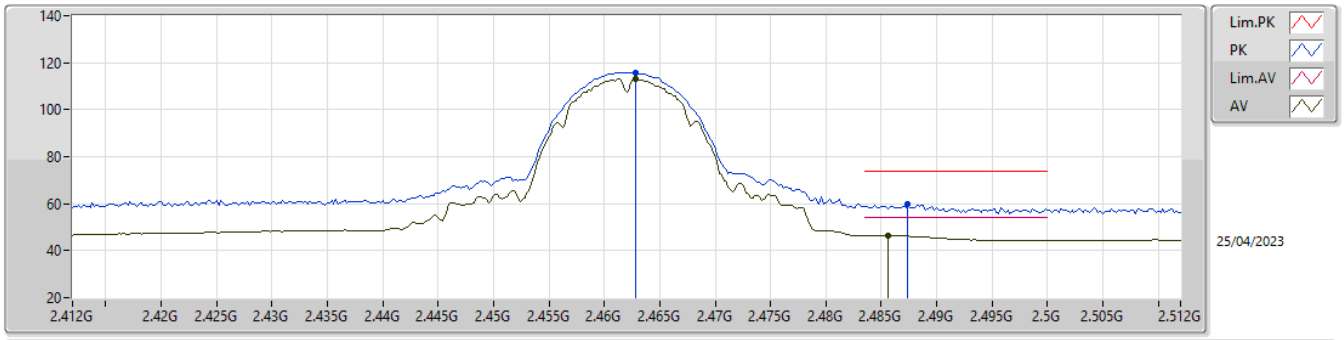
2437MHz_TX



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	4.87406G	34.86	54.00	-19.14	4.64	3	Horizontal	115	1.18	30.22	32.60	6.21	34.17
AV	7.30992G	33.90	54.00	-20.10	10.06	3	Horizontal	97	2.04	23.84	36.76	7.80	34.50
PK	4.8737G	43.68	74.00	-30.32	4.63	3	Horizontal	115	1.18	39.05	32.59	6.21	34.17
PK	7.31496G	47.64	74.00	-26.36	10.04	3	Horizontal	97	2.04	37.60	36.74	7.80	34.50

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

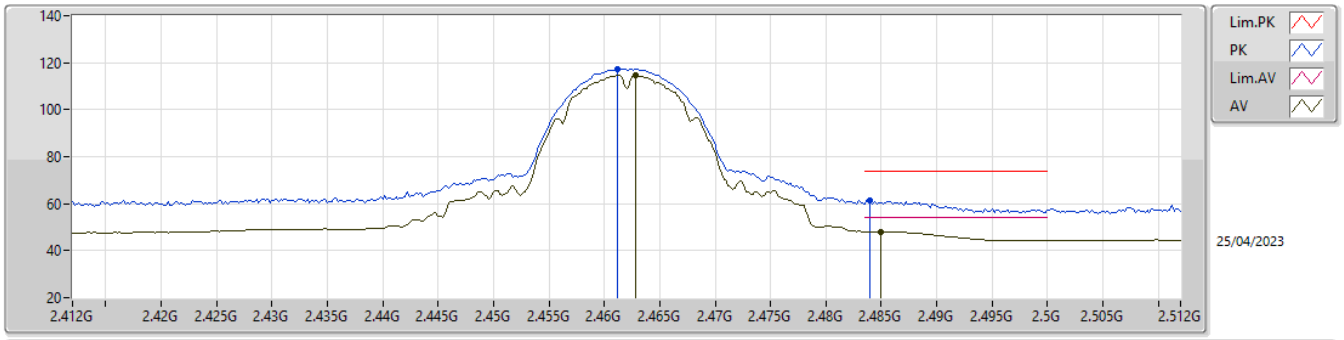
2462MHz_TX



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	113.27	Inf	-Inf	32.05	3	Vertical	35	1.95	81.22	27.75	4.30	-
AV	2.4856G	46.54	54.00	-7.46	32.15	3	Vertical	35	1.95	14.39	27.84	4.31	-
PK	2.4628G	115.83	Inf	-Inf	32.05	3	Vertical	35	1.95	83.78	27.75	4.30	-
PK	2.4874G	59.96	74.00	-14.04	32.16	3	Vertical	35	1.95	27.80	27.85	4.31	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

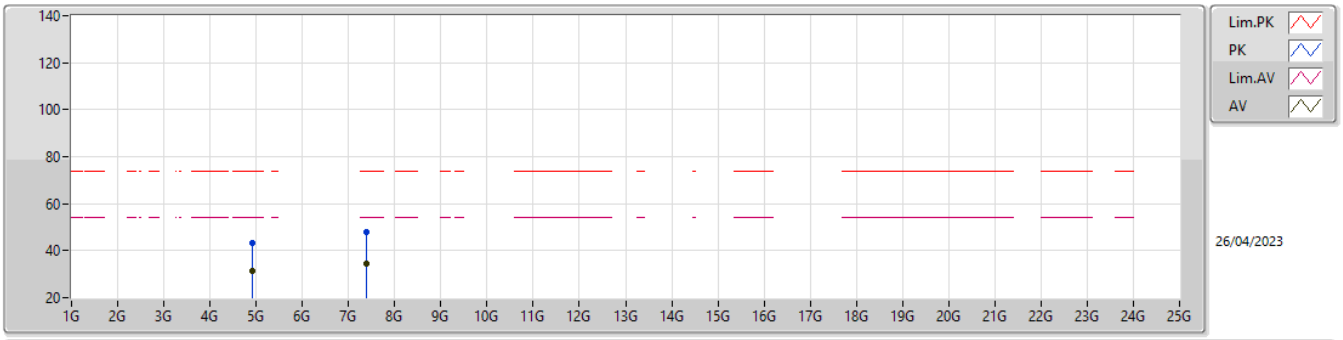
2462MHz_TX



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	114.72	Inf	-Inf	32.05	3	Horizontal	115	2.80	82.67	27.75	4.30	-
AV	2.485G	48.16	54.00	-5.84	32.15	3	Horizontal	115	2.80	16.01	27.84	4.31	-
PK	2.4612G	117.34	Inf	-Inf	32.04	3	Horizontal	115	2.80	85.30	27.74	4.30	-
PK	2.484G	61.25	74.00	-12.75	32.15	3	Horizontal	115	2.80	29.10	27.84	4.31	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

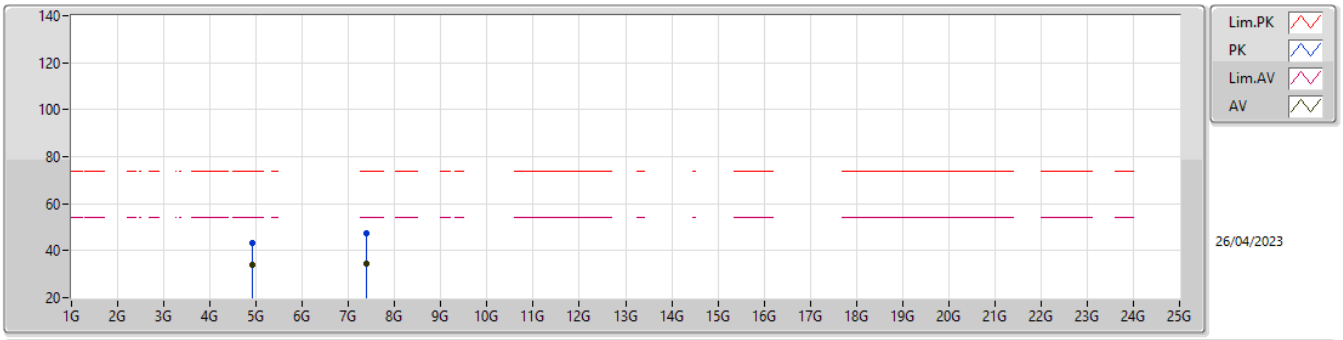
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.92394G	31.31	54.00	-22.69	4.94	3	Vertical	142	2.94	26.37	32.84	6.25	34.15
AV	7.38774G	34.71	54.00	-19.29	9.78	3	Vertical	87	1.13	24.93	36.45	7.84	34.51
PK	4.924G	43.07	74.00	-30.93	4.94	3	Vertical	142	2.94	38.13	32.84	6.25	34.15
PK	7.39302G	48.00	74.00	-26.00	9.77	3	Vertical	87	1.13	38.23	36.43	7.85	34.51

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

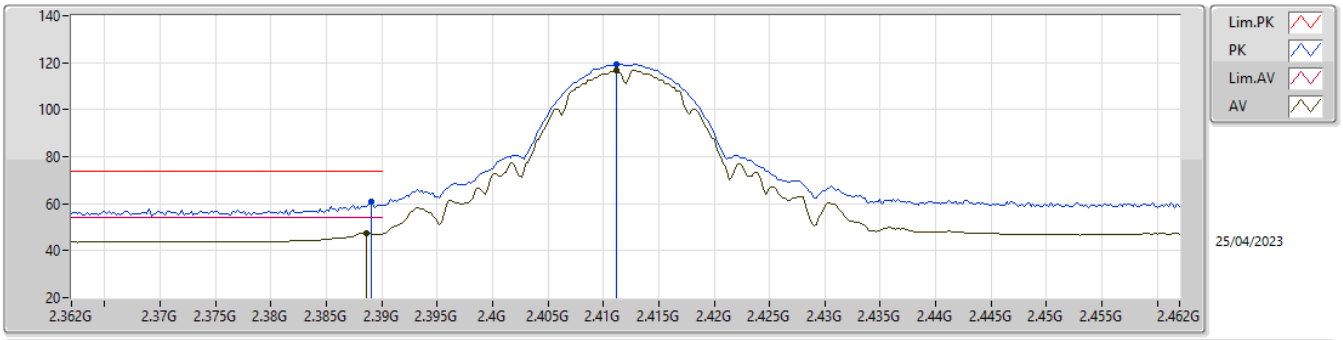
2462MHz_TX



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	33.98	54.00	-20.02	4.94	3	Horizontal	134	1.43	29.04	32.84	6.25	34.15
AV	7.38768G	34.50	54.00	-19.50	9.78	3	Horizontal	157	1.22	24.72	36.45	7.84	34.51
PK	4.924G	43.51	74.00	-30.49	4.94	3	Horizontal	134	1.43	38.57	32.84	6.25	34.15
PK	7.38786G	47.57	74.00	-26.43	9.78	3	Horizontal	157	1.22	37.79	36.45	7.84	34.51

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

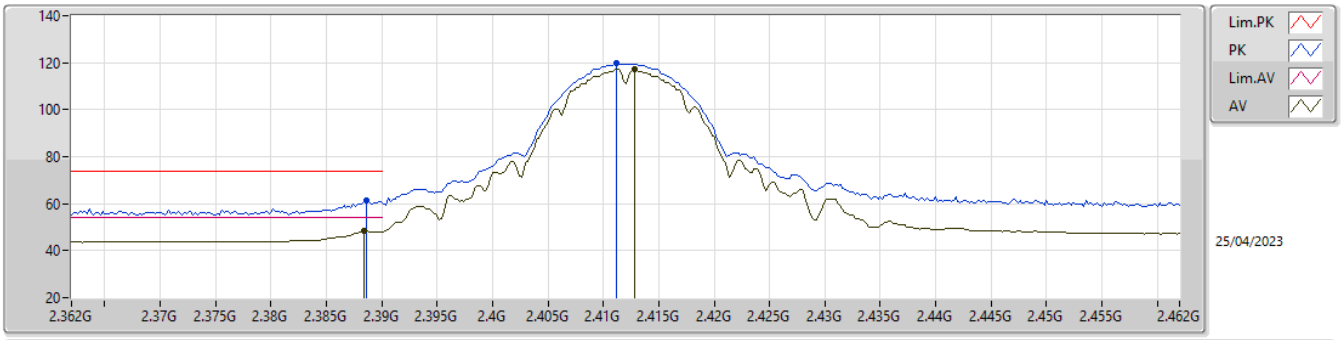
2412MHz_TX



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	2.3886G	47.47	54.00	-6.53	31.76	3	Vertical	341	2.20	15.71	27.51	4.25	-
AV	2.4112G	116.83	Inf	-Inf	31.89	3	Vertical	341	2.20	84.94	27.62	4.27	-
PK	2.389G	60.91	74.00	-13.09	31.76	3	Vertical	341	2.20	29.15	27.51	4.25	-
PK	2.4112G	119.40	Inf	-Inf	31.89	3	Vertical	341	2.20	87.51	27.62	4.27	-

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

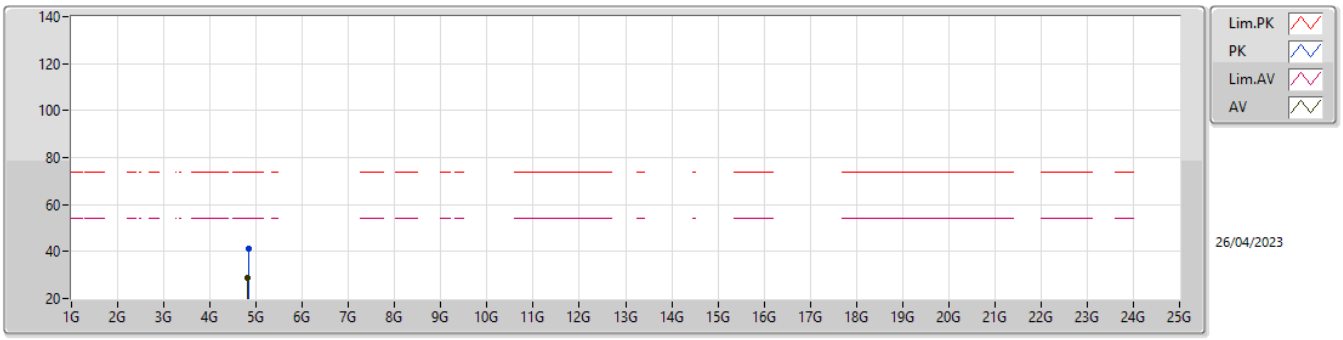
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3884G	48.27	54.00	-5.73	31.76	3	Horizontal	112	2.64	16.51	27.51	4.25	-
AV	2.4128G	117.04	Inf	-Inf	31.90	3	Horizontal	112	2.64	85.14	27.63	4.27	-
PK	2.3886G	61.25	74.00	-12.75	31.76	3	Horizontal	112	2.64	29.49	27.51	4.25	-
PK	2.4112G	119.62	Inf	-Inf	31.89	3	Horizontal	112	2.64	87.73	27.62	4.27	-

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

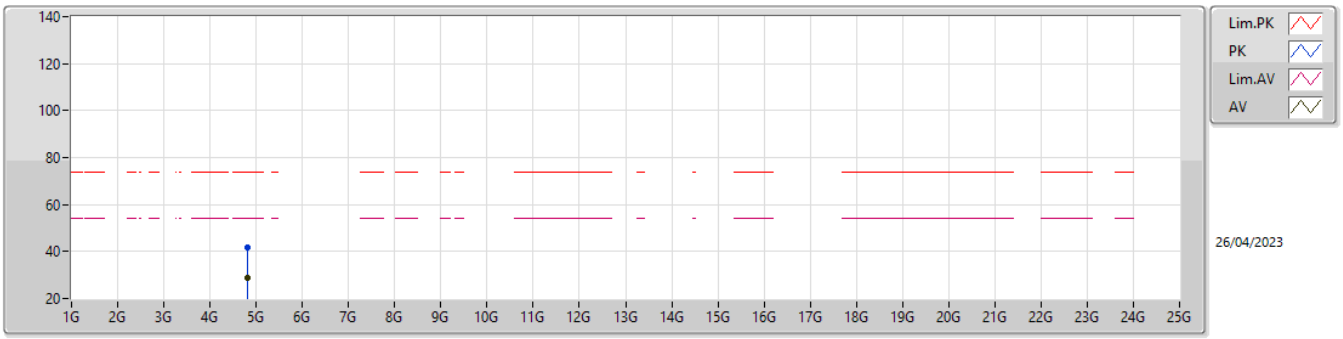
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	28.61	54.00	-25.39	4.34	3	Vertical	150	2.17	24.27	32.34	6.18	34.18
PK	4.8248G	41.41	74.00	-32.59	4.35	3	Vertical	150	2.17	37.06	32.35	6.18	34.18

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

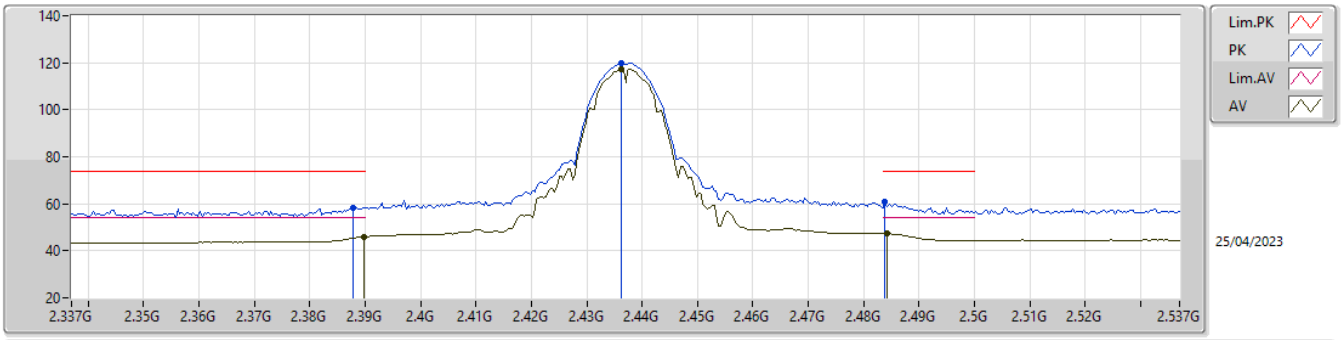
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.82396G	28.61	54.00	-25.39	4.34	3	Horizontal	66	1.19	24.27	32.34	6.18	34.18
PK	4.81684G	41.96	74.00	-32.04	4.28	3	Horizontal	66	1.19	37.68	32.30	6.17	34.19

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

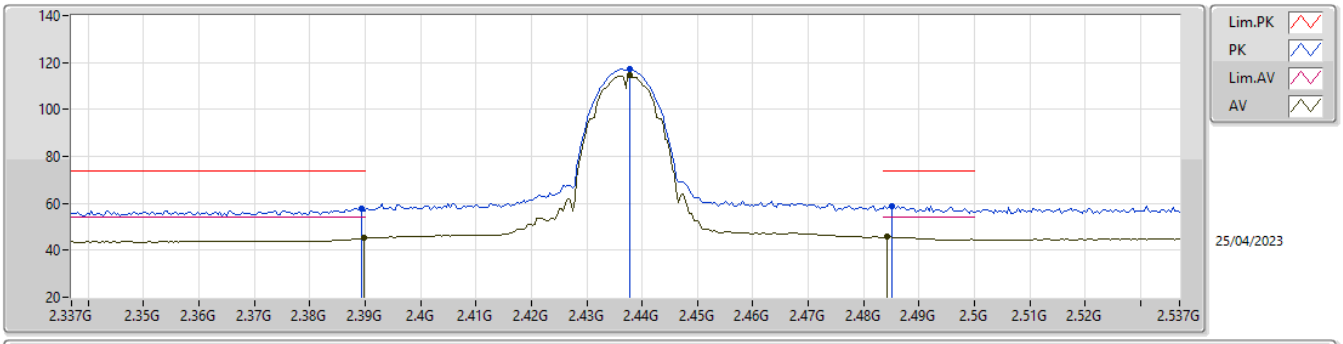
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	45.98	54.00	-8.02	31.77	3	Vertical	305	1.87	14.21	27.52	4.25	-
AV	2.4362G	117.22	Inf	-Inf	31.95	3	Vertical	305	1.87	85.27	27.67	4.28	-
AV	2.4842G	47.36	54.00	-6.64	32.15	3	Vertical	305	1.87	15.21	27.84	4.31	-
PK	2.3878G	58.52	74.00	-15.48	31.75	3	Vertical	305	1.87	26.77	27.50	4.25	-
PK	2.4362G	119.78	Inf	-Inf	31.95	3	Vertical	305	1.87	87.83	27.67	4.28	-
PK	2.4838G	60.83	74.00	-13.17	32.15	3	Vertical	305	1.87	28.68	27.84	4.31	-

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

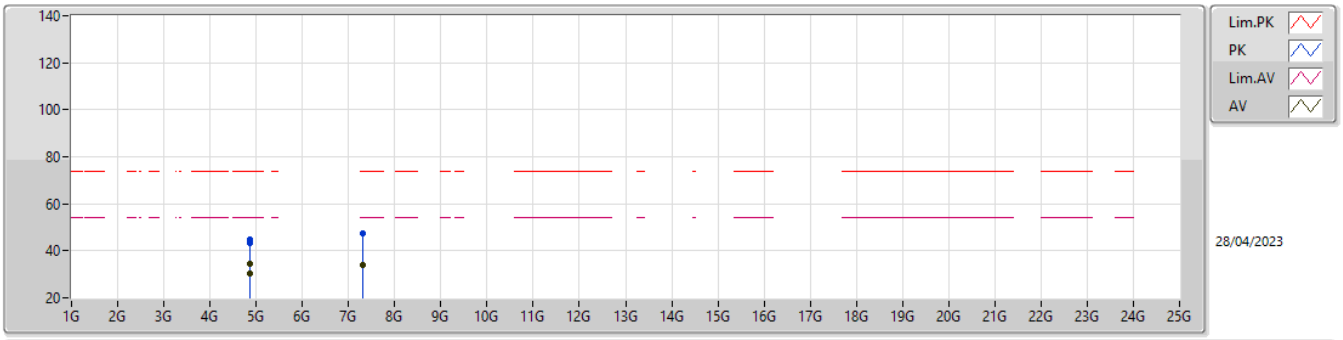
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	45.09	54.00	-8.91	31.77	3	Horizontal	257	2.08	13.32	27.52	4.25	-
AV	2.4378G	114.51	Inf	-Inf	31.96	3	Horizontal	257	2.08	82.55	27.68	4.28	-
AV	2.4842G	45.69	54.00	-8.31	32.15	3	Horizontal	257	2.08	13.54	27.84	4.31	-
PK	2.3894G	57.92	74.00	-16.08	31.77	3	Horizontal	257	2.08	26.15	27.52	4.25	-
PK	2.4378G	117.13	Inf	-Inf	31.96	3	Horizontal	257	2.08	85.17	27.68	4.28	-
PK	2.485G	59.03	74.00	-14.97	32.15	3	Horizontal	257	2.08	26.88	27.84	4.31	-

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

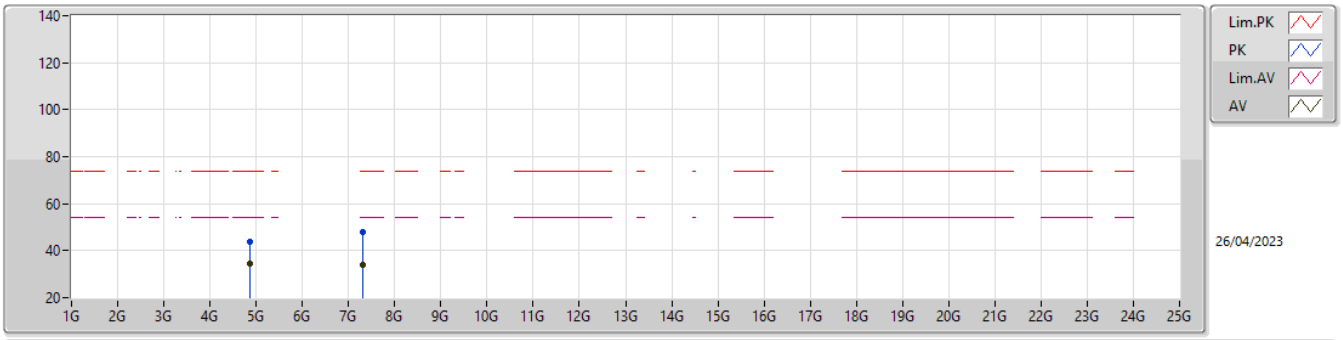
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.87394G	30.56	54.00	-23.44	4.64	3	Vertical	160	1.50	25.92	32.60	6.21	34.17
AV	4.874G	34.54	54.00	-19.46	4.64	3	Vertical	360	1.50	29.90	32.60	6.21	34.17
AV	7.3125G	33.71	54.00	-20.29	10.05	3	Vertical	118	1.29	23.66	36.75	7.80	34.50
PK	4.86302G	43.25	74.00	-30.75	4.58	3	Vertical	160	1.50	38.67	32.55	6.20	34.17
PK	4.87404G	44.97	74.00	-29.03	4.64	3	Vertical	360	1.50	40.33	32.60	6.21	34.17
PK	7.31994G	47.38	74.00	-26.62	10.02	3	Vertical	118	1.29	37.36	36.72	7.80	34.50

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

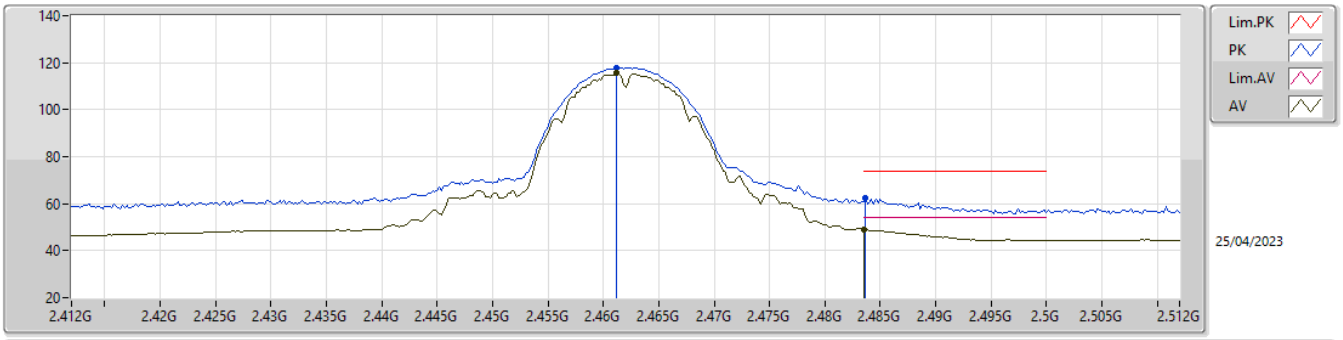
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	34.45	54.00	-19.55	4.64	3	Horizontal	129	1.50	29.81	32.60	6.21	34.17
AV	7.30962G	34.14	54.00	-19.86	10.06	3	Horizontal	49	2.39	24.08	36.76	7.80	34.50
PK	4.87406G	43.98	74.00	-30.02	4.64	3	Horizontal	129	1.50	39.34	32.60	6.21	34.17
PK	7.30602G	47.69	74.00	-26.31	10.07	3	Horizontal	49	2.39	37.62	36.78	7.79	34.50

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

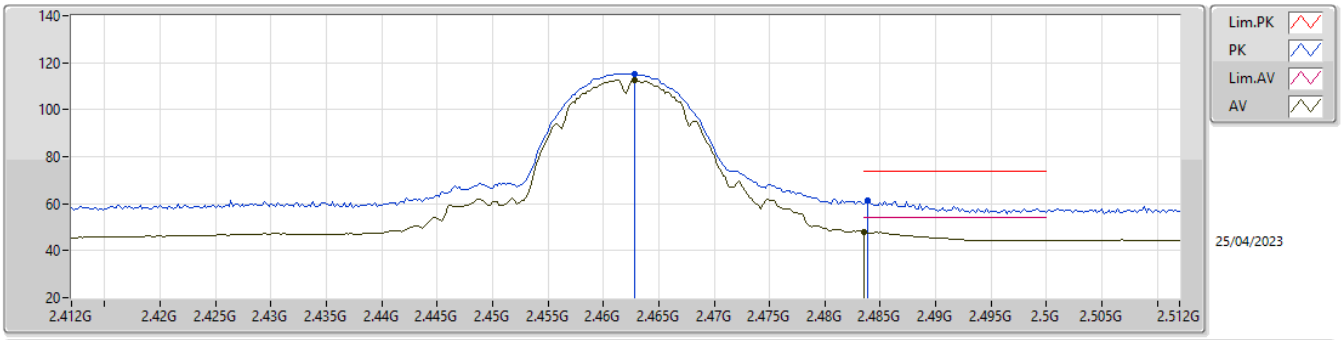
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	115.45	Inf	-Inf	32.04	3	Vertical	290	1.00	83.41	27.74	4.30	-
AV	2.4835G	48.99	54.00	-5.01	32.14	3	Vertical	290	1.00	16.85	27.83	4.31	-
PK	2.4612G	117.85	Inf	-Inf	32.04	3	Vertical	290	1.00	85.81	27.74	4.30	-
PK	2.4836G	62.64	74.00	-11.36	32.14	3	Vertical	290	1.00	30.50	27.83	4.31	-

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

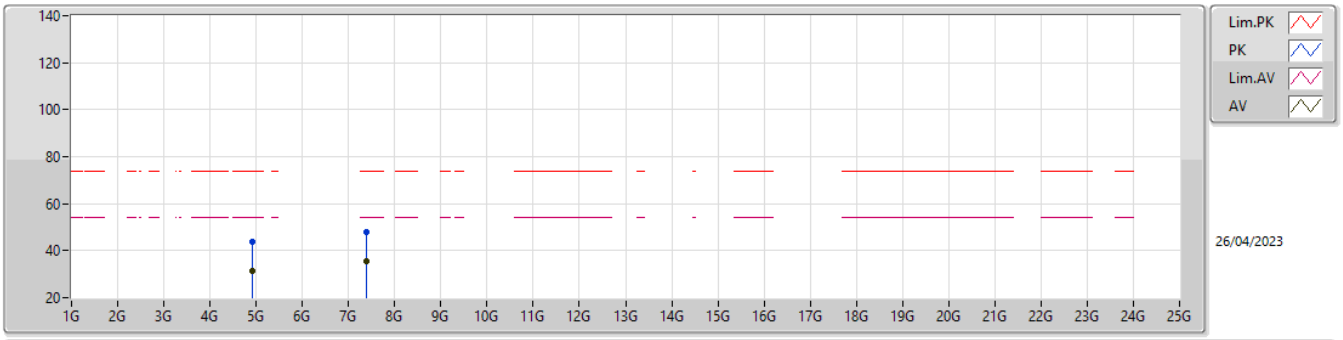
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4628G	112.77	Inf	-Inf	32.05	3	Horizontal	288	2.36	80.72	27.75	4.30	-
AV	2.4835G	48.15	54.00	-5.85	32.14	3	Horizontal	288	2.36	16.01	27.83	4.31	-
PK	2.4628G	115.42	Inf	-Inf	32.05	3	Horizontal	288	2.36	83.37	27.75	4.30	-
PK	2.4838G	61.23	74.00	-12.77	32.15	3	Horizontal	288	2.36	29.08	27.84	4.31	-

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

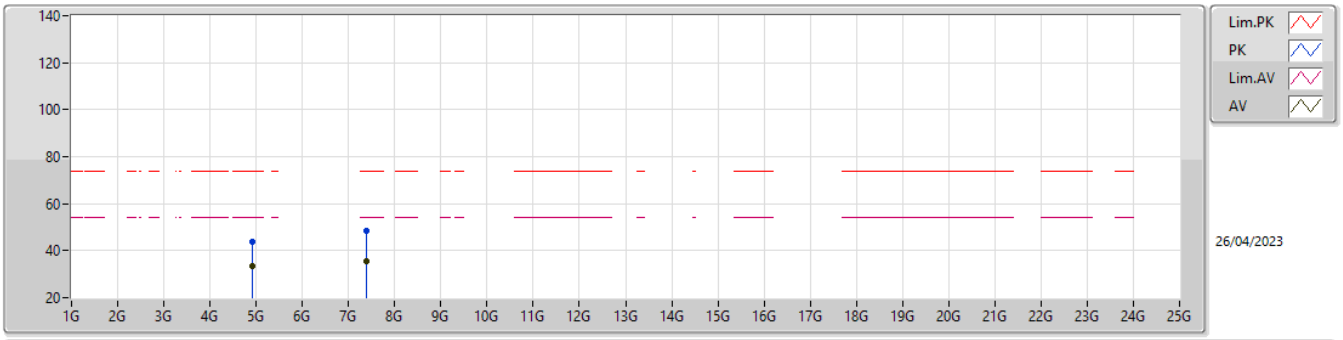
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	31.26	54.00	-22.74	4.94	3	Vertical	155	3.00	26.32	32.84	6.25	34.15
AV	7.38474G	35.67	54.00	-18.33	9.79	3	Vertical	87	1.24	25.88	36.46	7.84	34.51
PK	4.92382G	43.56	74.00	-30.44	4.94	3	Vertical	155	3.00	38.62	32.84	6.25	34.15
PK	7.38648G	48.07	74.00	-25.93	9.78	3	Vertical	87	1.24	38.29	36.45	7.84	34.51

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

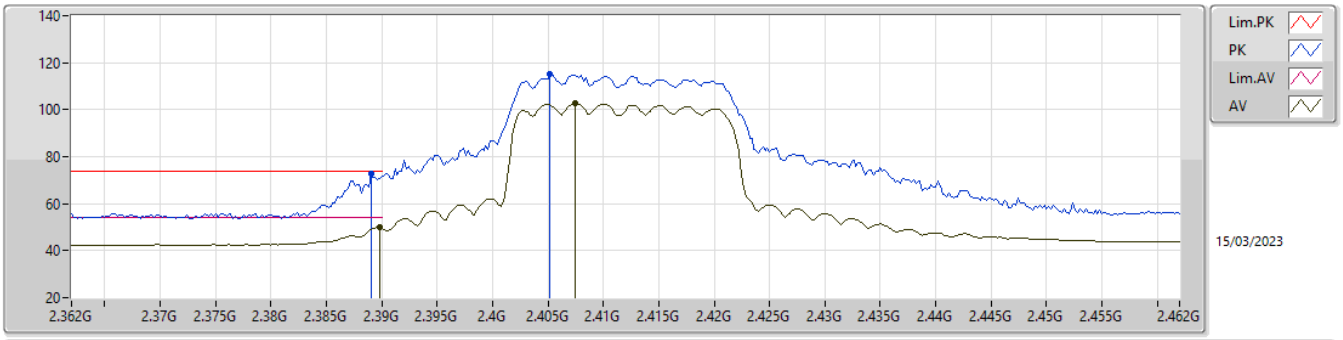
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	33.20	54.00	-20.80	4.94	3	Horizontal	113	1.49	28.26	32.84	6.25	34.15
AV	7.38456G	35.45	54.00	-18.55	9.79	3	Horizontal	49	2.08	25.66	36.46	7.84	34.51
PK	4.92412G	43.77	74.00	-30.23	4.94	3	Horizontal	113	1.49	38.83	32.84	6.25	34.15
PK	7.38822G	48.50	74.00	-25.50	9.78	3	Horizontal	49	2.08	38.72	36.45	7.84	34.51

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

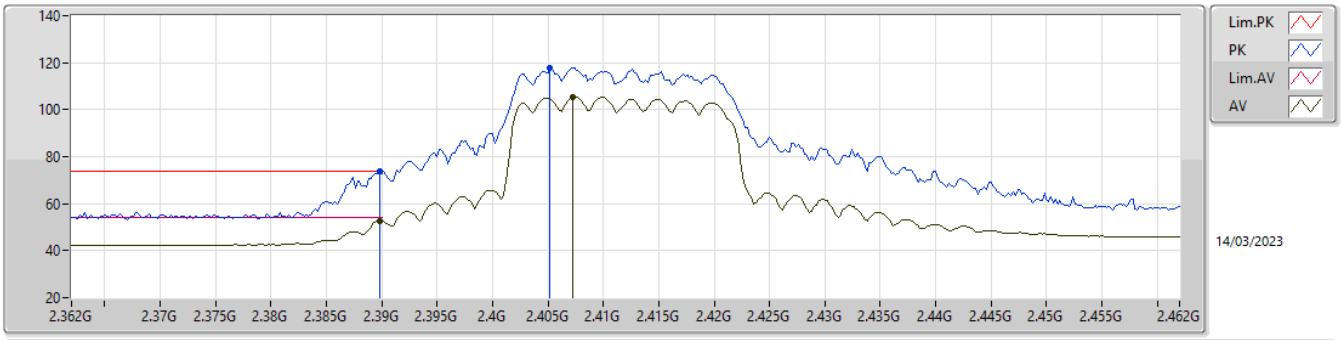
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	49.93	54.00	-4.07	31.03	3	Vertical	0	1.96	18.90	27.44	3.59	-
AV	2.4074G	102.65	Inf	-Inf	31.15	3	Vertical	0	1.96	71.50	27.54	3.61	-
PK	2.389G	72.59	74.00	-1.41	31.02	3	Vertical	0	1.96	41.57	27.43	3.59	-
PK	2.4052G	115.14	Inf	-Inf	31.13	3	Vertical	0	1.96	84.01	27.53	3.60	-

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

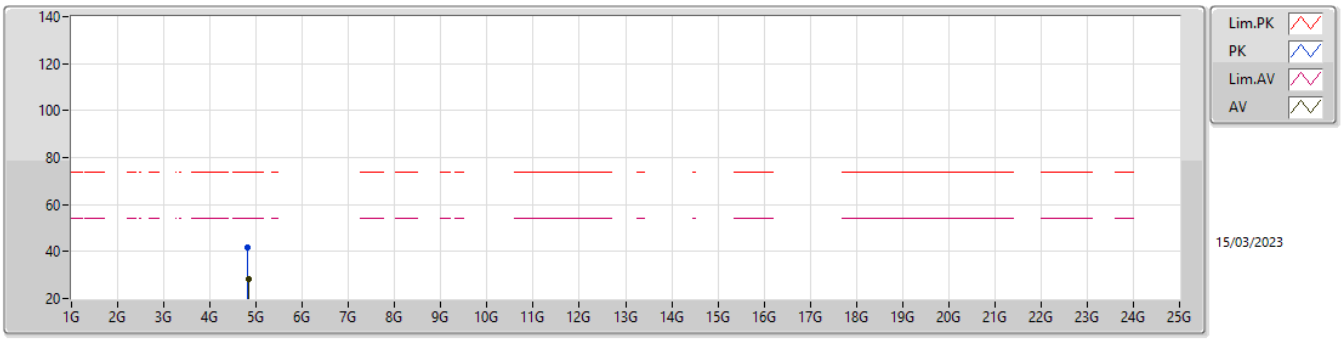
2412MHz_TX



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	52.78	54.00	-1.22	31.03	3	Horizontal	100	2.45	21.75	27.44	3.59	-
AV	2.4072G	105.26	Inf	-Inf	31.15	3	Horizontal	100	2.45	74.11	27.54	3.61	-
PK	2.3898G	73.67	74.00	-0.33	31.03	3	Horizontal	100	2.45	42.64	27.44	3.59	-
PK	2.4052G	117.97	Inf	-Inf	31.13	3	Horizontal	100	2.45	86.84	27.53	3.60	-

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

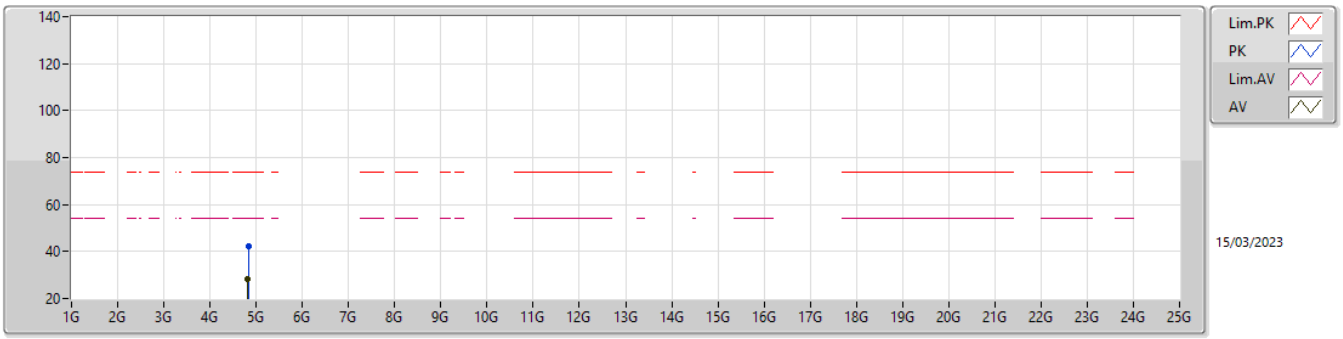
2412MHz_TX



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	4.82512G	28.11	54.00	-25.89	0.63	3	Vertical	58	2.38	27.48	32.55	5.16	37.08
PK	4.81824G	41.53	74.00	-32.47	0.59	3	Vertical	58	2.38	40.94	32.51	5.16	37.08

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

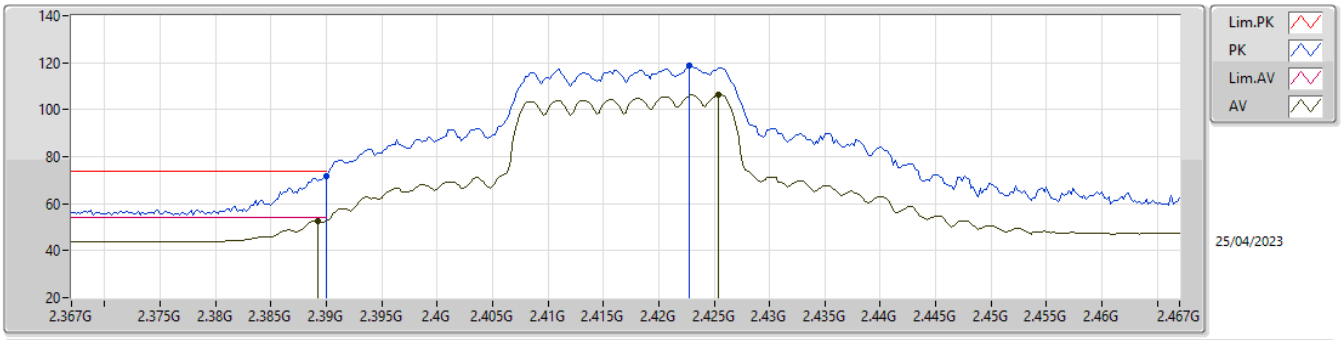
2412MHz_TX



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	4.82396G	28.12	54.00	-25.88	0.62	3	Horizontal	93	2.84	27.50	32.54	5.16	37.08
PK	4.8298G	42.46	74.00	-31.54	0.66	3	Horizontal	93	2.84	41.80	32.58	5.16	37.08

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

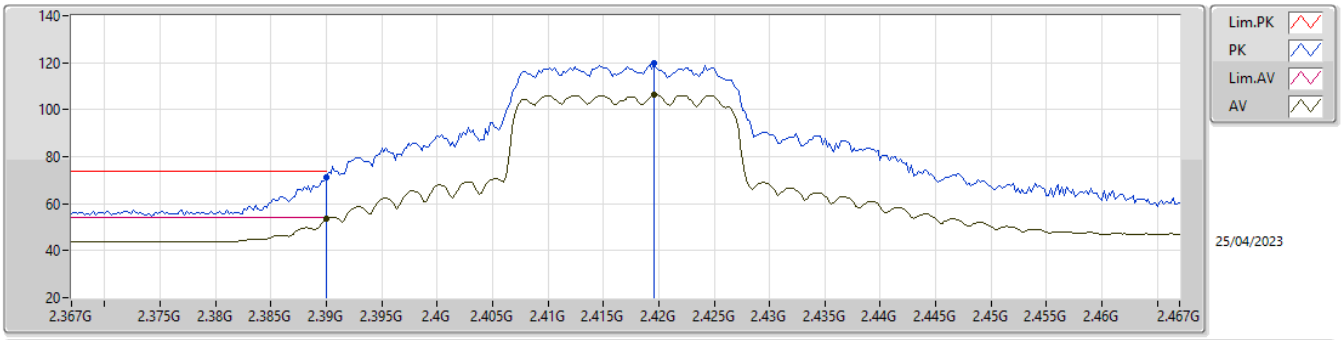
2417MHz_TX



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	2.3892G	52.52	54.00	-1.48	31.76	3	Vertical	301	1.56	20.76	27.51	4.25	-
AV	2.4254G	106.39	Inf	-Inf	31.93	3	Vertical	301	1.56	74.46	27.65	4.28	-
PK	2.39G	71.71	74.00	-2.29	31.77	3	Vertical	301	1.56	39.94	27.52	4.25	-
PK	2.4228G	118.61	Inf	-Inf	31.92	3	Vertical	301	1.56	86.69	27.65	4.27	-

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

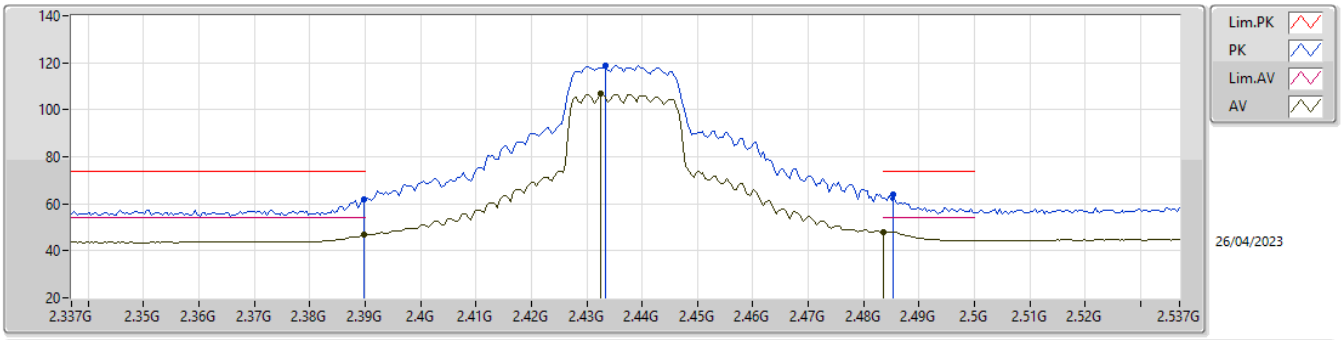
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.40	54.00	-0.60	31.77	3	Horizontal	106	2.18	21.63	27.52	4.25	-
AV	2.4196G	106.22	Inf	-Inf	31.91	3	Horizontal	106	2.18	74.31	27.64	4.27	-
PK	2.39G	71.18	74.00	-2.82	31.77	3	Horizontal	106	2.18	39.41	27.52	4.25	-
PK	2.4196G	119.78	Inf	-Inf	31.91	3	Horizontal	106	2.18	87.87	27.64	4.27	-

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

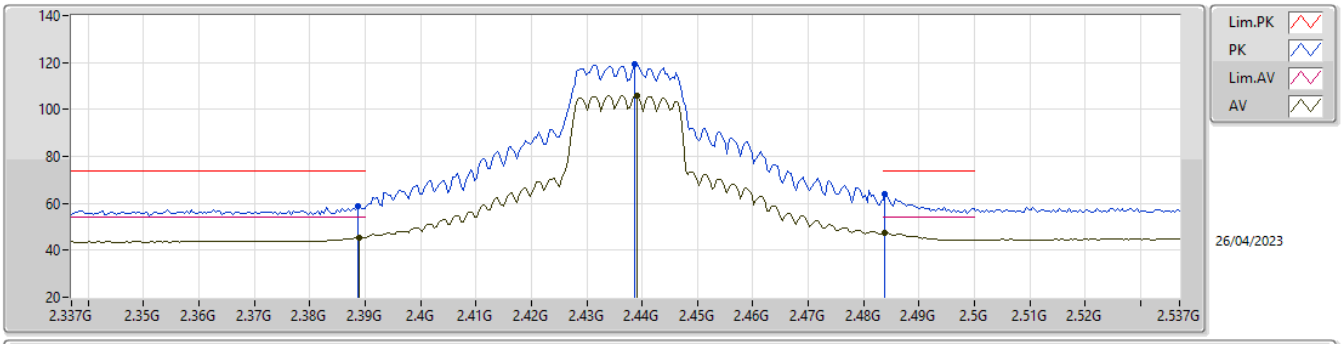
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	46.66	54.00	-7.34	31.77	3	Vertical	287	1.50	14.89	27.52	4.25	-
AV	2.4326G	106.66	Inf	-Inf	31.95	3	Vertical	287	1.50	74.71	27.67	4.28	-
AV	2.4835G	48.09	54.00	-5.91	32.14	3	Vertical	287	1.50	15.95	27.83	4.31	-
PK	2.3898G	61.65	74.00	-12.35	31.77	3	Vertical	287	1.50	29.88	27.52	4.25	-
PK	2.4334G	118.84	Inf	-Inf	31.95	3	Vertical	287	1.50	86.89	27.67	4.28	-
PK	2.4854G	64.20	74.00	-9.80	32.15	3	Vertical	287	1.50	32.05	27.84	4.31	-

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

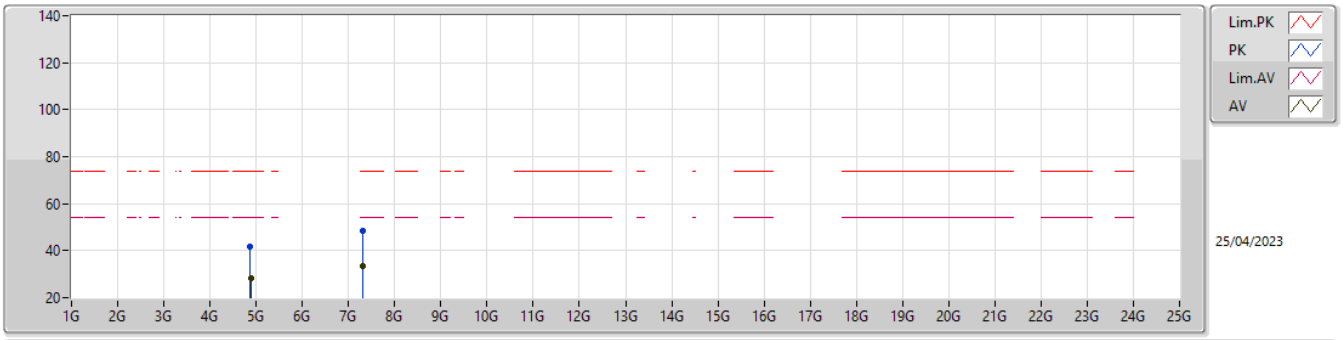
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	45.58	54.00	-8.42	31.76	3	Horizontal	276	1.95	13.82	27.51	4.25	-
AV	2.439G	105.78	Inf	-Inf	31.96	3	Horizontal	276	1.95	73.82	27.68	4.28	-
AV	2.4838G	47.48	54.00	-6.52	32.15	3	Horizontal	276	1.95	15.33	27.84	4.31	-
PK	2.3886G	58.96	74.00	-15.04	31.76	3	Horizontal	276	1.95	27.20	27.51	4.25	-
PK	2.4386G	119.10	Inf	-Inf	31.96	3	Horizontal	276	1.95	87.14	27.68	4.28	-
PK	2.4838G	63.80	74.00	-10.20	32.15	3	Horizontal	276	1.95	31.65	27.84	4.31	-

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

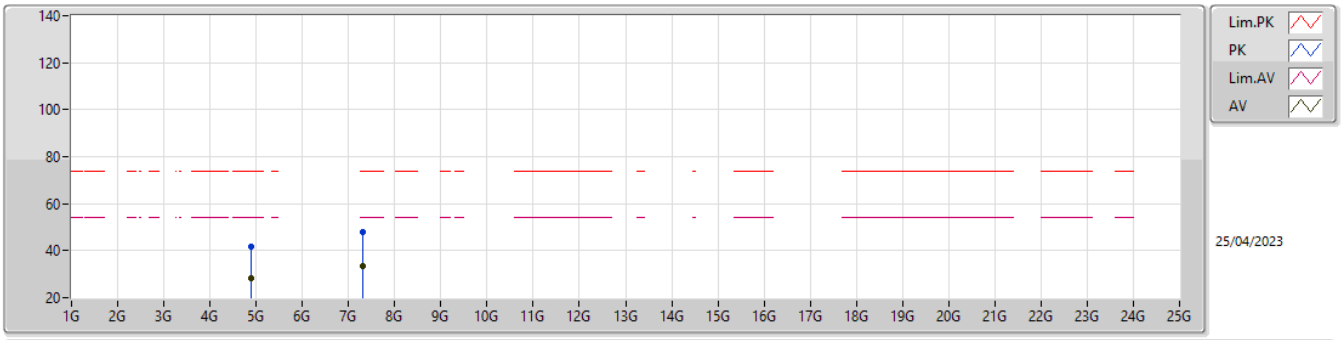
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.88672G	28.20	54.00	-25.80	4.71	3	Vertical	81	1.50	23.49	32.65	6.22	34.16
AV	7.29816G	33.60	54.00	-20.40	10.10	3	Vertical	11	1.84	23.50	36.81	7.79	34.50
PK	4.85978G	41.94	74.00	-32.06	4.57	3	Vertical	81	1.50	37.37	32.54	6.20	34.17
PK	7.31502G	48.24	74.00	-25.76	10.04	3	Vertical	11	1.84	38.20	36.74	7.80	34.50

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

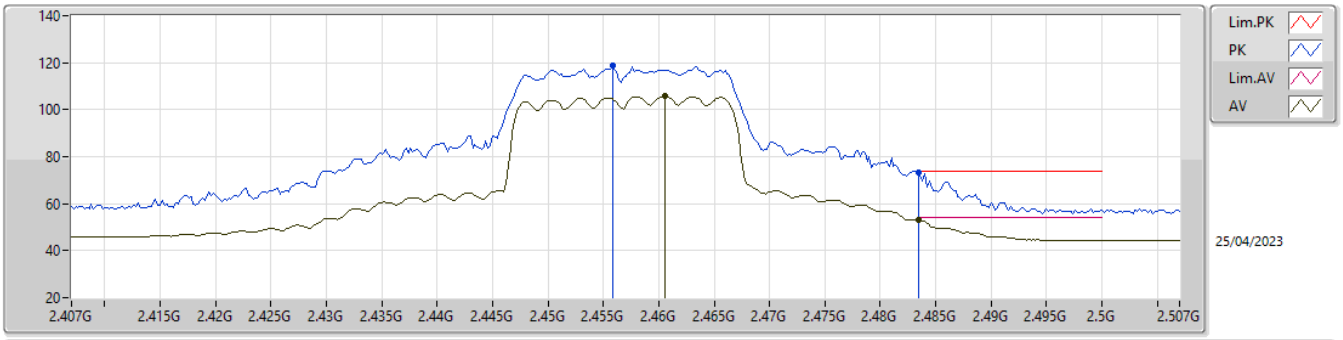
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.88846G	28.21	54.00	-25.79	4.71	3	Horizontal	353	1.50	23.50	32.65	6.22	34.16
AV	7.29666G	33.65	54.00	-20.35	10.10	3	Horizontal	48	1.50	23.55	36.81	7.79	34.50
PK	4.88216G	41.88	74.00	-32.12	4.69	3	Horizontal	353	1.50	37.19	32.63	6.22	34.16
PK	7.29618G	48.12	74.00	-25.88	10.11	3	Horizontal	48	1.50	38.01	36.82	7.79	34.50

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

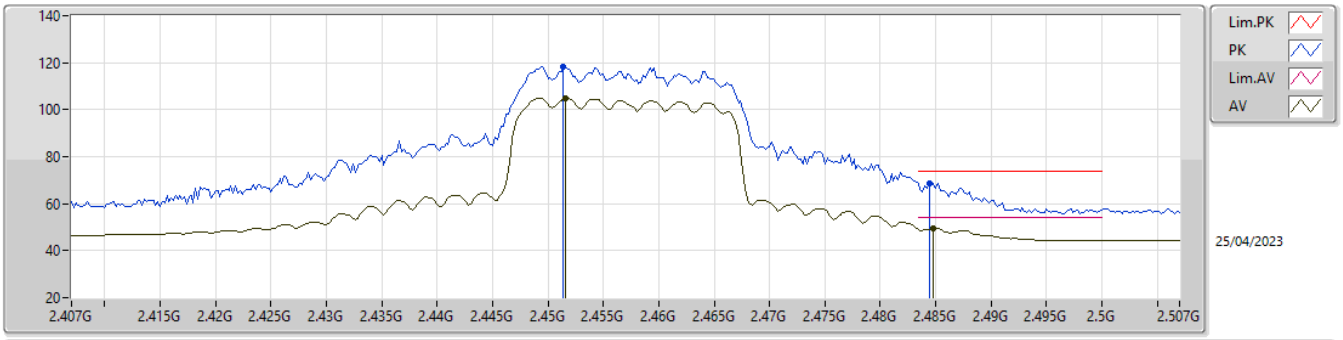
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4606G	105.73	Inf	-Inf	32.04	3	Vertical	298	1.00	73.69	27.74	4.30	-
AV	2.4835G	53.16	54.00	-0.84	32.14	3	Vertical	298	1.00	21.02	27.83	4.31	-
PK	2.4558G	118.64	Inf	-Inf	32.01	3	Vertical	298	1.00	86.63	27.72	4.29	-
PK	2.4835G	73.41	74.00	-0.59	32.14	3	Vertical	298	1.00	41.27	27.83	4.31	-

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

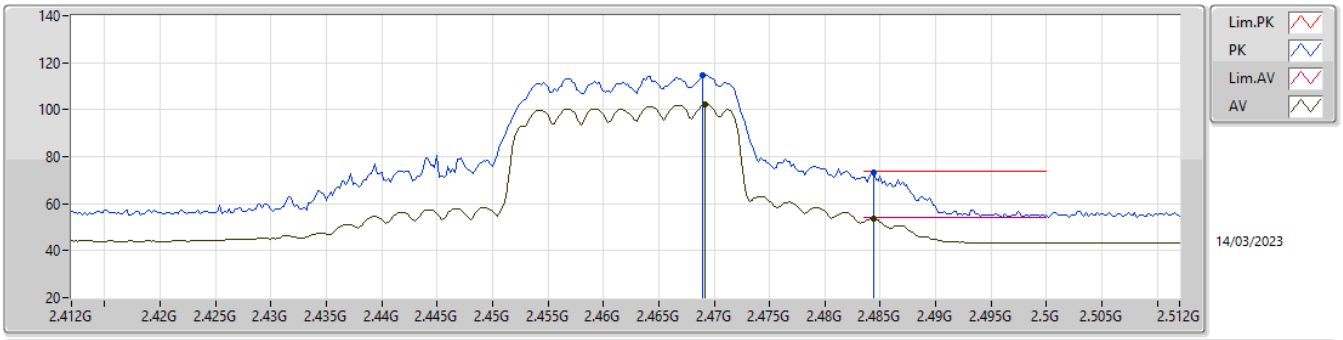
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4516G	104.83	Inf	-Inf	32.00	3	Horizontal	118	2.88	72.83	27.71	4.29	-
AV	2.4848G	49.50	54.00	-4.50	32.15	3	Horizontal	118	2.88	17.35	27.84	4.31	-
PK	2.4514G	118.27	Inf	-Inf	32.00	3	Horizontal	118	2.88	86.27	27.71	4.29	-
PK	2.4844G	68.75	74.00	-5.25	32.15	3	Horizontal	118	2.88	36.60	27.84	4.31	-

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

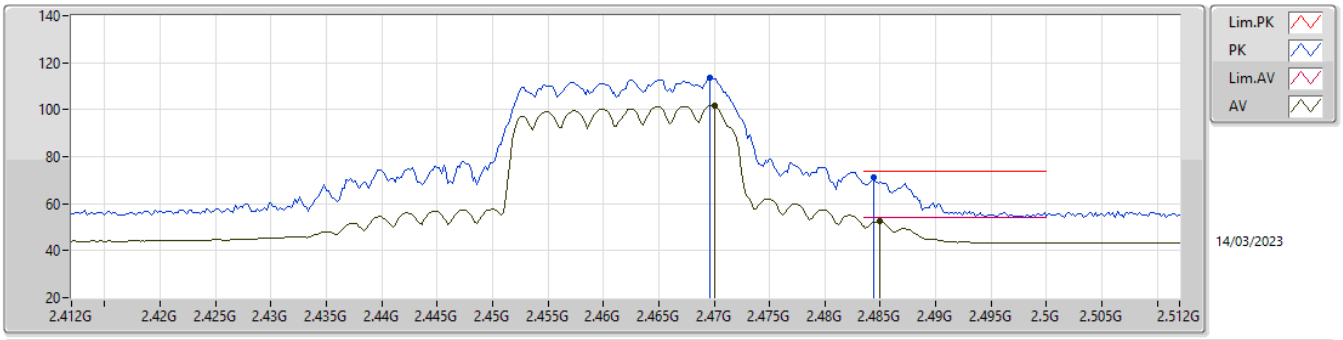
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4692G	102.33	Inf	-Inf	31.50	3	Vertical	288	2.26	70.83	27.84	3.66	-
AV	2.4844G	53.45	54.00	-0.55	31.55	3	Vertical	288	2.26	21.90	27.87	3.68	-
PK	2.469G	114.85	Inf	-Inf	31.50	3	Vertical	288	2.26	83.35	27.84	3.66	-
PK	2.4844G	73.18	74.00	-0.82	31.55	3	Vertical	288	2.26	41.63	27.87	3.68	-

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

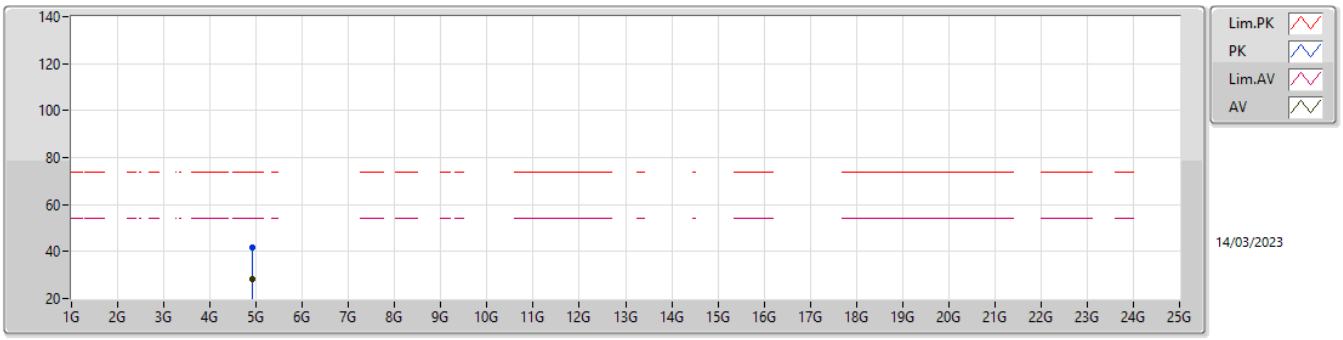
2462MHz_TX



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	2.47G	101.68	Inf	-Inf	31.50	3	Horizontal	263	1.50	70.18	27.84	3.66	-
AV	2.485G	52.48	54.00	-1.52	31.55	3	Horizontal	263	1.50	20.93	27.87	3.68	-
PK	2.4696G	113.49	Inf	-Inf	31.50	3	Horizontal	263	1.50	81.99	27.84	3.66	-
PK	2.4844G	71.42	74.00	-2.58	31.55	3	Horizontal	263	1.50	39.87	27.87	3.68	-

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

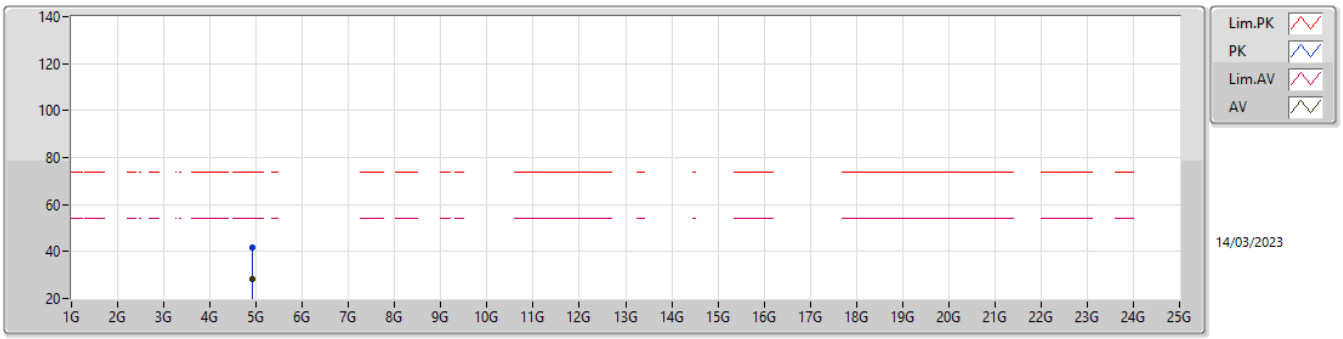
2462MHz_TX



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	4.91772G	28.52	54.00	-25.48	1.05	3	Vertical	16	1.42	27.47	32.94	5.19	37.08
PK	4.9192G	41.90	74.00	-32.10	1.05	3	Vertical	16	1.42	40.85	32.94	5.19	37.08

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

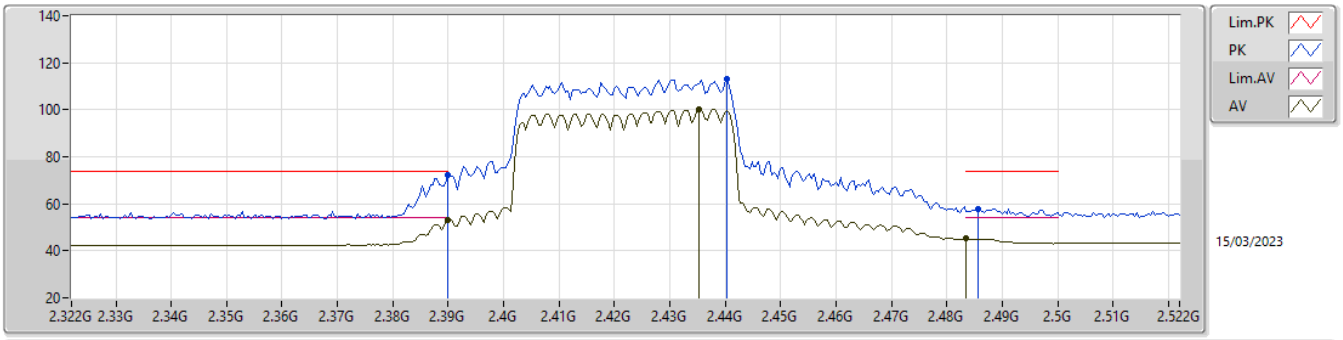
2462MHz_TX



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	4.91824G	28.52	54.00	-25.48	1.05	3	Horizontal	139	1.67	27.47	32.94	5.19	37.08
PK	4.92136G	41.94	74.00	-32.06	1.05	3	Horizontal	139	1.67	40.89	32.94	5.19	37.08

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

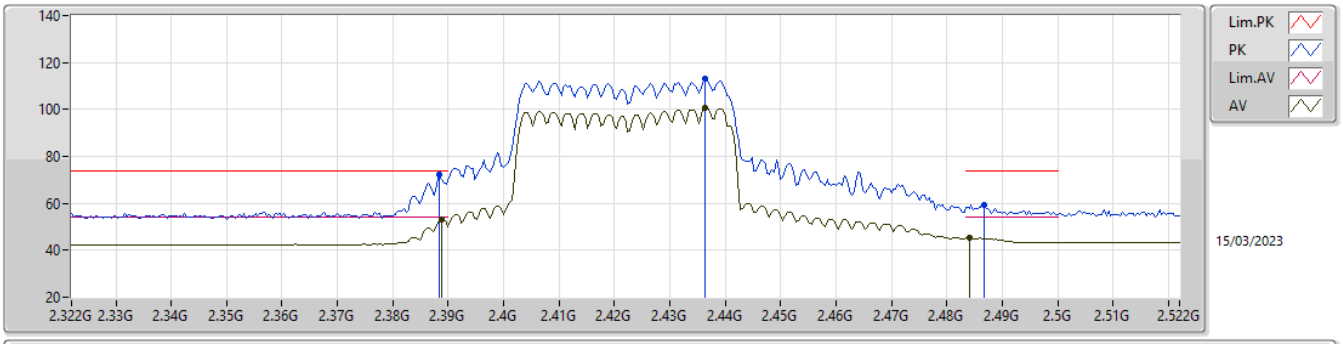
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.27	54.00	-0.73	31.03	3	Vertical	285	2.51	22.24	27.44	3.59	-
AV	2.4352G	100.25	Inf	-Inf	31.34	3	Vertical	285	2.51	68.91	27.71	3.63	-
AV	2.4835G	45.09	54.00	-8.91	31.55	3	Vertical	285	2.51	13.54	27.87	3.68	-
PK	2.39G	72.32	74.00	-1.68	31.03	3	Vertical	285	2.51	41.29	27.44	3.59	-
PK	2.4404G	113.02	Inf	-Inf	31.38	3	Vertical	285	2.51	81.64	27.74	3.64	-
PK	2.4856G	57.76	74.00	-16.24	31.55	3	Vertical	285	2.51	26.21	27.87	3.68	-

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

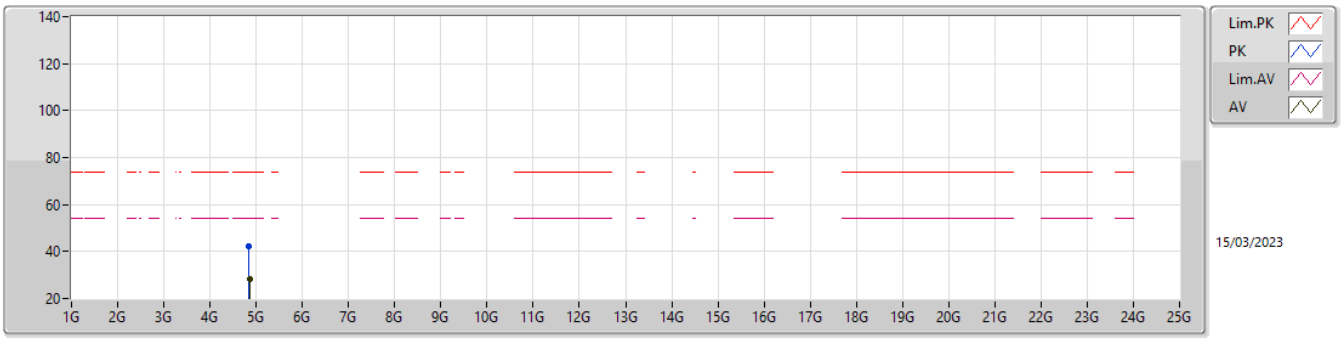
2422MHz_TX



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	2.3888G	53.01	54.00	-0.99	31.02	3	Horizontal	277	1.90	21.99	27.43	3.59	-
AV	2.4364G	100.45	Inf	-Inf	31.35	3	Horizontal	277	1.90	69.10	27.72	3.63	-
AV	2.484G	45.39	54.00	-8.61	31.55	3	Horizontal	277	1.90	13.84	27.87	3.68	-
PK	2.3884G	72.47	74.00	-1.53	31.02	3	Horizontal	277	1.90	41.45	27.43	3.59	-
PK	2.4364G	112.93	Inf	-Inf	31.35	3	Horizontal	277	1.90	81.58	27.72	3.63	-
PK	2.4868G	59.48	74.00	-14.52	31.55	3	Horizontal	277	1.90	27.93	27.87	3.68	-

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

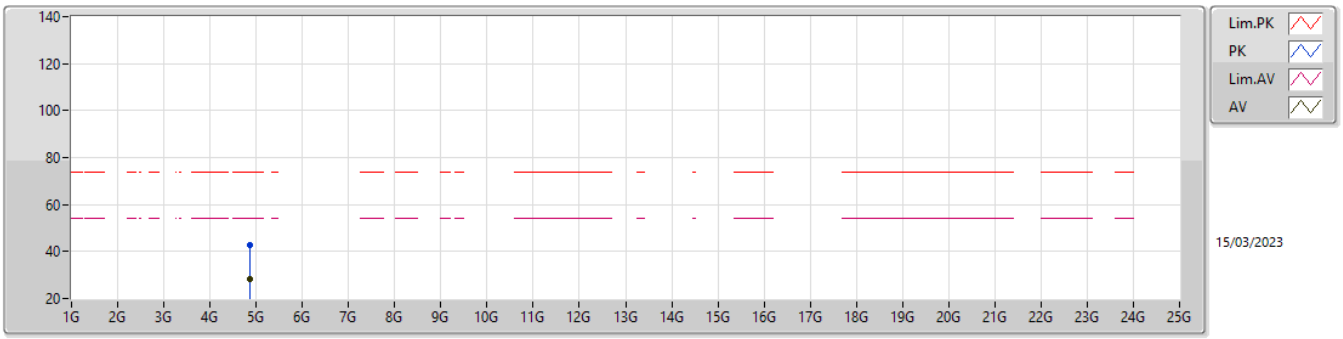
2422MHz_TX



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	4.85344G	28.22	54.00	-25.78	0.80	3	Vertical	246	2.49	27.42	32.71	5.17	37.08
PK	4.85052G	42.42	74.00	-31.58	0.79	3	Vertical	246	2.49	41.63	32.70	5.17	37.08

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

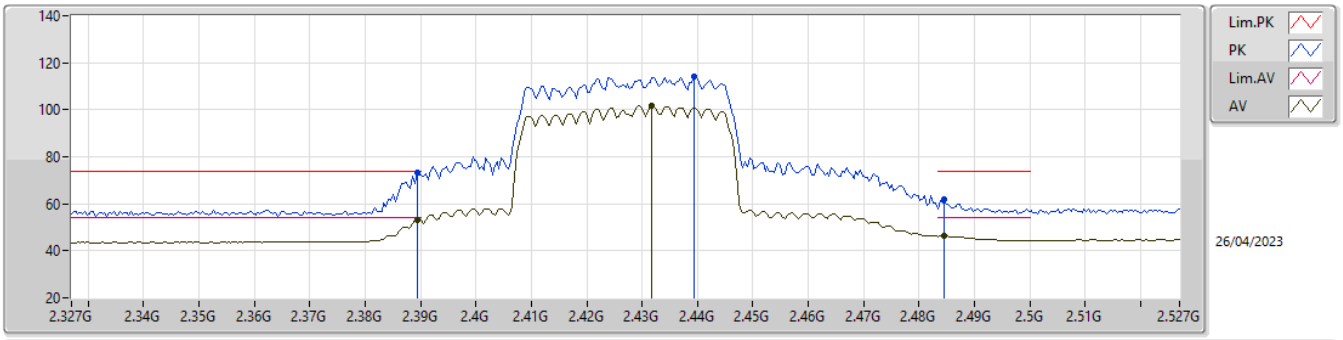
2422MHz_TX



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	4.85392G	28.22	54.00	-25.78	0.81	3	Horizontal	189	2.17	27.41	32.72	5.17	37.08
PK	4.85216G	42.66	74.00	-31.34	0.80	3	Horizontal	189	2.17	41.86	32.71	5.17	37.08

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

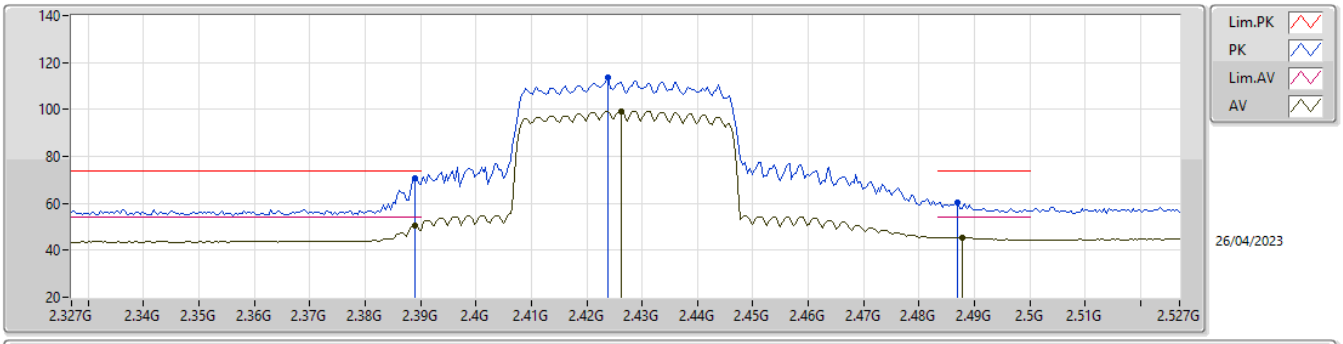
2427MHz_TX



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	2.3894G	53.34	54.00	-0.66	31.77	3	Vertical	301	1.56	21.57	27.52	4.25	-
AV	2.4318G	101.56	Inf	-Inf	31.94	3	Vertical	301	1.56	69.62	27.66	4.28	-
AV	2.4846G	46.31	54.00	-7.69	32.15	3	Vertical	301	1.56	14.16	27.84	4.31	-
PK	2.3894G	73.02	74.00	-0.98	31.77	3	Vertical	301	1.56	41.25	27.52	4.25	-
PK	2.4394G	114.35	Inf	-Inf	31.96	3	Vertical	301	1.56	82.39	27.68	4.28	-
PK	2.4846G	61.69	74.00	-12.31	32.15	3	Vertical	301	1.56	29.54	27.84	4.31	-

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

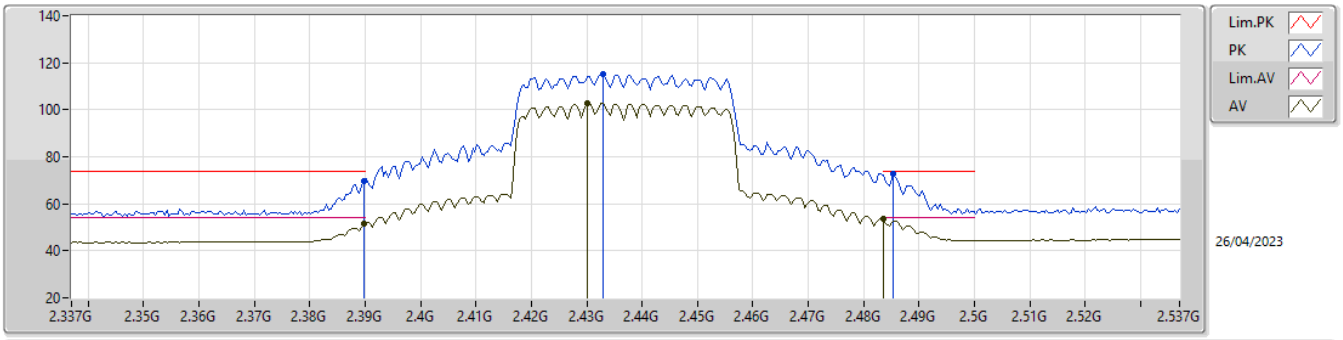
2427MHz_TX



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	2.389G	50.68	54.00	-3.32	31.76	3	Horizontal	107	1.56	18.92	27.51	4.25	-
AV	2.4262G	99.21	Inf	-Inf	31.93	3	Horizontal	107	1.56	67.28	27.65	4.28	-
AV	2.4878G	45.57	54.00	-8.43	32.16	3	Horizontal	107	1.56	13.41	27.85	4.31	-
PK	2.389G	70.77	74.00	-3.23	31.76	3	Horizontal	107	1.56	39.01	27.51	4.25	-
PK	2.4238G	113.63	Inf	-Inf	31.92	3	Horizontal	107	1.56	81.71	27.65	4.27	-
PK	2.487G	60.44	74.00	-13.56	32.16	3	Horizontal	107	1.56	28.28	27.85	4.31	-

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

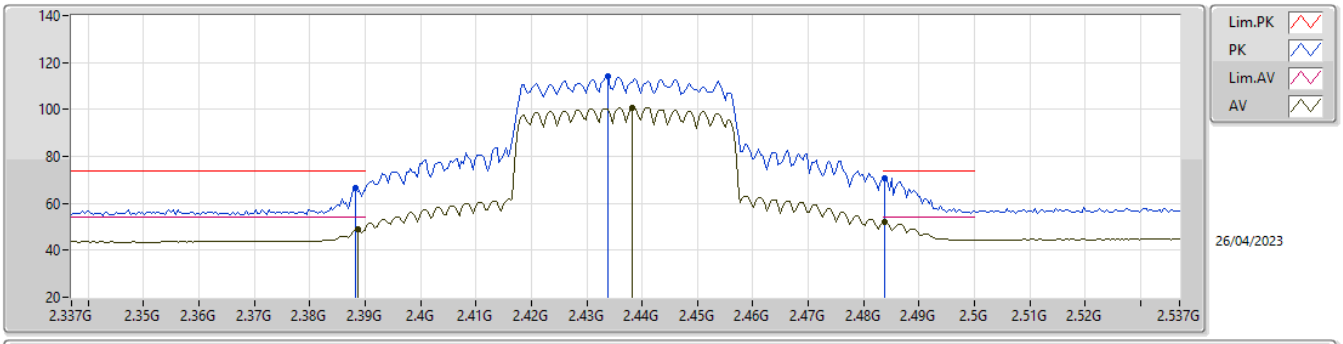
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	51.71	54.00	-2.29	31.77	3	Vertical	288	2.33	19.94	27.52	4.25	-
AV	2.4302G	102.59	Inf	-Inf	31.94	3	Vertical	288	2.33	70.65	27.66	4.28	-
AV	2.4835G	53.44	54.00	-0.56	32.14	3	Vertical	288	2.33	21.30	27.83	4.31	-
PK	2.3898G	69.59	74.00	-4.41	31.77	3	Vertical	288	2.33	37.82	27.52	4.25	-
PK	2.433G	115.19	Inf	-Inf	31.95	3	Vertical	288	2.33	83.24	27.67	4.28	-
PK	2.4854G	72.83	74.00	-1.17	32.15	3	Vertical	288	2.33	40.68	27.84	4.31	-

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

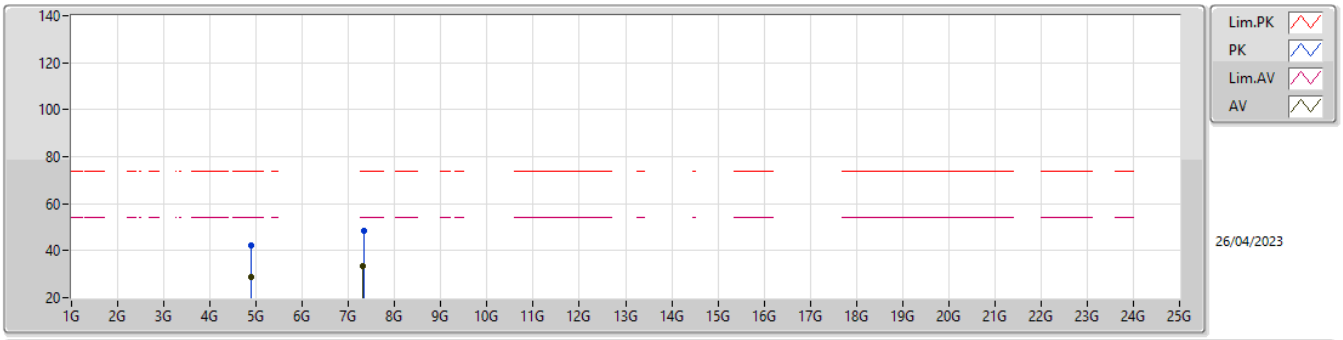
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3886G	48.78	54.00	-5.22	31.76	3	Horizontal	260	1.50	17.02	27.51	4.25	-
AV	2.4382G	100.75	Inf	-Inf	31.96	3	Horizontal	260	1.50	68.79	27.68	4.28	-
AV	2.4838G	51.96	54.00	-2.04	32.15	3	Horizontal	260	1.50	19.81	27.84	4.31	-
PK	2.3882G	66.80	74.00	-7.20	31.76	3	Horizontal	260	1.50	35.04	27.51	4.25	-
PK	2.4338G	113.91	Inf	-Inf	31.95	3	Horizontal	260	1.50	81.96	27.67	4.28	-
PK	2.4838G	70.77	74.00	-3.23	32.15	3	Horizontal	260	1.50	38.62	27.84	4.31	-

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

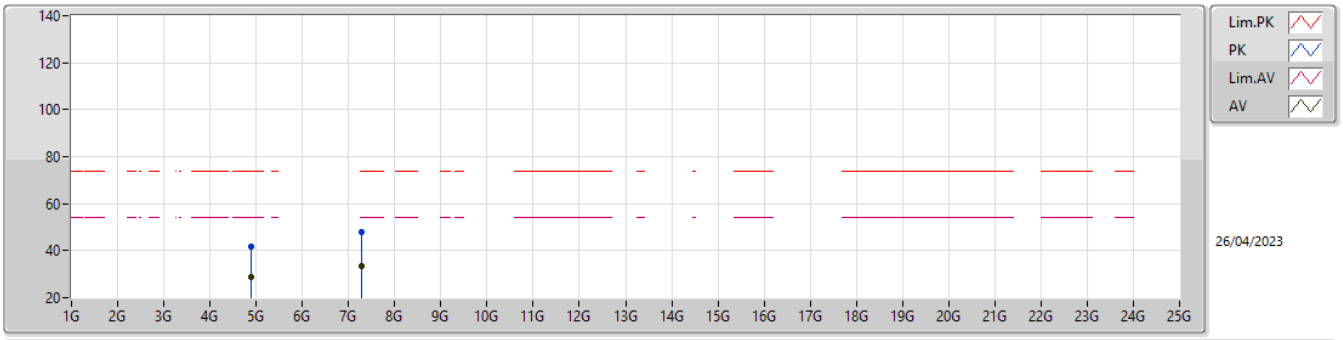
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.90268G	28.56	54.00	-25.44	4.79	3	Vertical	131	1.92	23.77	32.72	6.23	34.16
AV	7.29708G	33.65	54.00	-20.35	10.10	3	Vertical	295	1.50	23.55	36.81	7.79	34.50
PK	4.90016G	42.08	74.00	-31.92	4.77	3	Vertical	131	1.92	37.31	32.70	6.23	34.16
PK	7.32888G	48.53	74.00	-25.47	9.99	3	Vertical	295	1.50	38.54	36.68	7.81	34.50

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

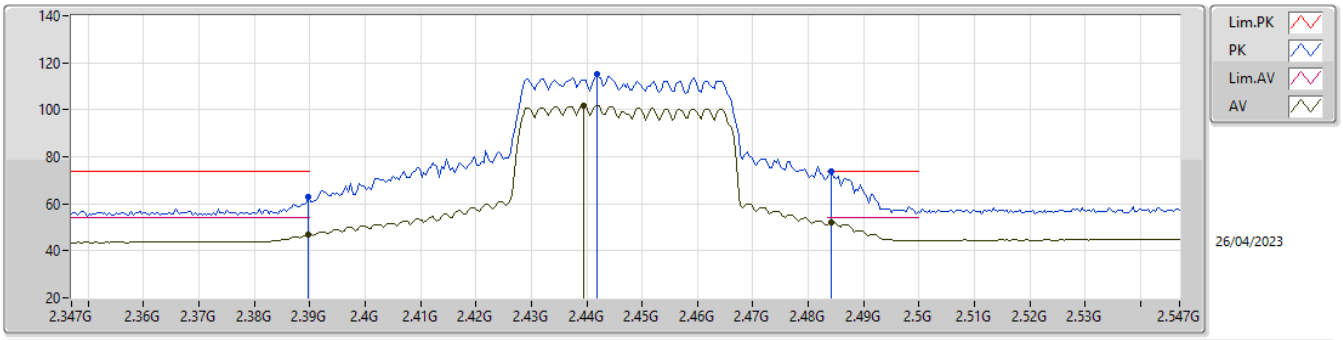
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.9034G	28.57	54.00	-25.43	4.80	3	Horizontal	338	1.50	23.77	32.72	6.23	34.15
AV	7.28688G	33.69	54.00	-20.31	10.14	3	Horizontal	2	1.50	23.55	36.85	7.78	34.49
PK	4.89992G	41.95	74.00	-32.05	4.77	3	Horizontal	338	1.50	37.18	32.70	6.23	34.16
PK	7.29156G	47.69	74.00	-26.31	10.12	3	Horizontal	2	1.50	37.57	36.83	7.78	34.49

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

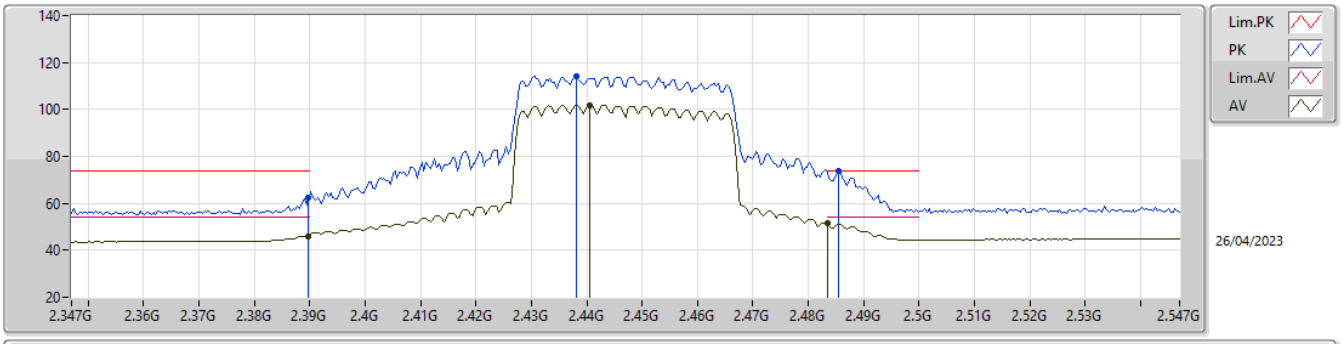
2447MHz_TX



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	46.98	54.00	-7.02	31.77	3	Vertical	301	1.24	15.21	27.52	4.25	-
AV	2.4394G	101.80	Inf	-Inf	31.96	3	Vertical	301	1.24	69.84	27.68	4.28	-
AV	2.4842G	52.15	54.00	-1.85	32.15	3	Vertical	301	1.24	20.00	27.84	4.31	-
PK	2.3898G	63.13	74.00	-10.87	31.77	3	Vertical	301	1.24	31.36	27.52	4.25	-
PK	2.4418G	115.05	Inf	-Inf	31.97	3	Vertical	301	1.24	83.08	27.68	4.29	-
PK	2.4842G	73.67	74.00	-0.33	32.15	3	Vertical	301	1.24	41.52	27.84	4.31	-

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

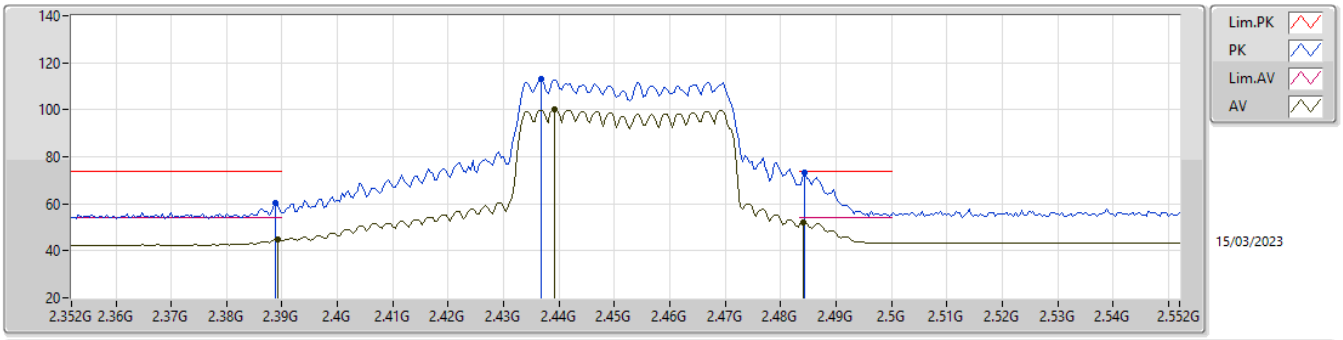
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	46.10	54.00	-7.90	31.77	3	Horizontal	117	2.86	14.33	27.52	4.25	-
AV	2.4406G	101.85	Inf	-Inf	31.96	3	Horizontal	117	2.86	69.89	27.68	4.28	-
AV	2.4835G	51.44	54.00	-2.56	32.14	3	Horizontal	117	2.86	19.30	27.83	4.31	-
PK	2.3898G	62.30	74.00	-11.70	31.77	3	Horizontal	117	2.86	30.53	27.52	4.25	-
PK	2.4382G	114.07	Inf	-Inf	31.96	3	Horizontal	117	2.86	82.11	27.68	4.28	-
PK	2.4854G	73.57	74.00	-0.43	32.15	3	Horizontal	117	2.86	41.42	27.84	4.31	-

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

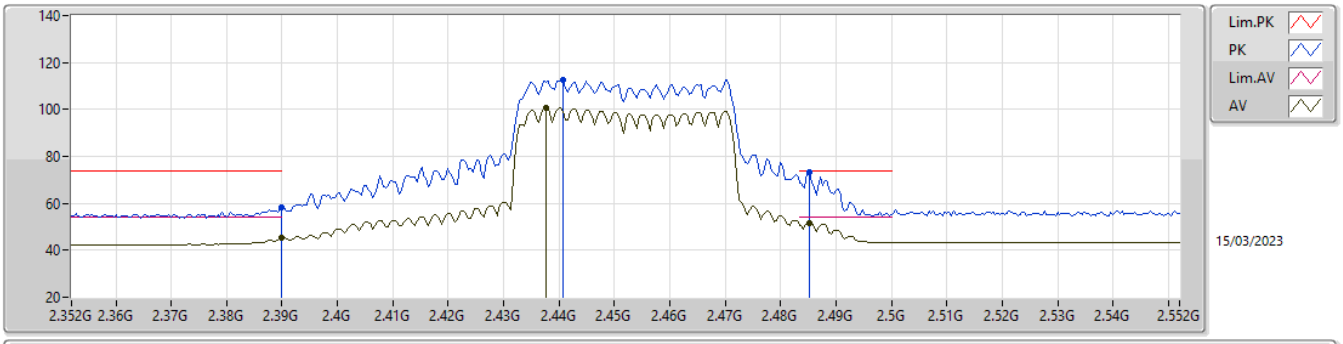
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	44.69	54.00	-9.31	31.03	3	Vertical	287	2.35	13.66	27.44	3.59	-
AV	2.4392G	100.12	Inf	-Inf	31.38	3	Vertical	287	2.35	68.74	27.74	3.64	-
AV	2.484G	52.04	54.00	-1.96	31.55	3	Vertical	287	2.35	20.49	27.87	3.68	-
PK	2.3888G	60.35	74.00	-13.65	31.02	3	Vertical	287	2.35	29.33	27.43	3.59	-
PK	2.4368G	112.97	Inf	-Inf	31.35	3	Vertical	287	2.35	81.62	27.72	3.63	-
PK	2.4844G	73.22	74.00	-0.78	31.55	3	Vertical	287	2.35	41.67	27.87	3.68	-

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

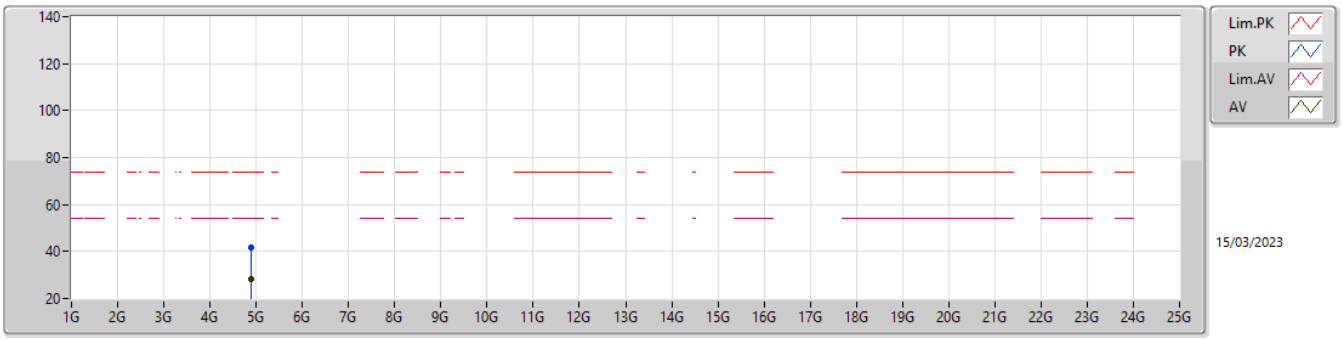
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	45.22	54.00	-8.78	31.03	3	Horizontal	273	1.91	14.19	27.44	3.59	-
AV	2.4376G	100.47	Inf	-Inf	31.36	3	Horizontal	273	1.91	69.11	27.73	3.63	-
AV	2.4852G	51.79	54.00	-2.21	31.55	3	Horizontal	273	1.91	20.24	27.87	3.68	-
PK	2.39G	58.20	74.00	-15.80	31.03	3	Horizontal	273	1.91	27.17	27.44	3.59	-
PK	2.4408G	112.68	Inf	-Inf	31.38	3	Horizontal	273	1.91	81.30	27.74	3.64	-
PK	2.4852G	73.41	74.00	-0.59	31.55	3	Horizontal	273	1.91	41.86	27.87	3.68	-

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

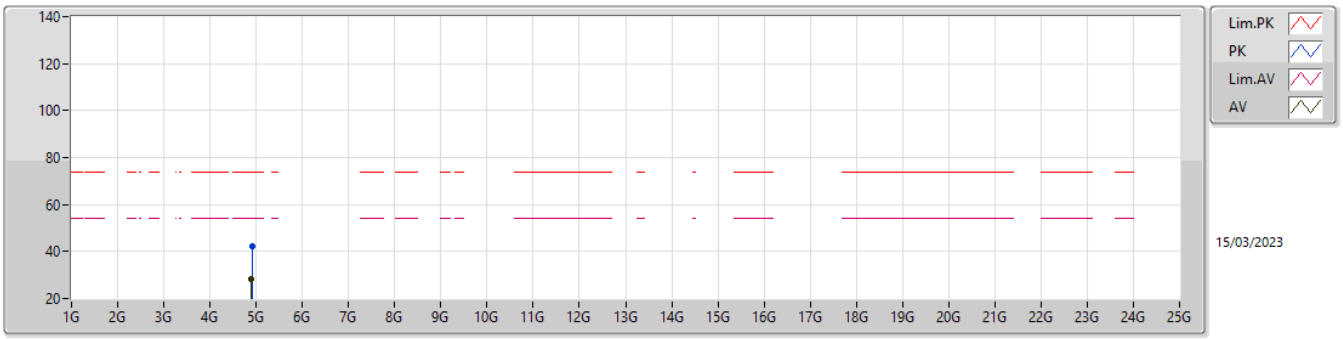
2452MHz_TX



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	4.90092G	28.43	54.00	-25.57	1.00	3	Vertical	166	2.64	27.43	32.90	5.18	37.08
PK	4.90164G	41.97	74.00	-32.03	1.00	3	Vertical	166	2.64	40.97	32.90	5.18	37.08

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	4.9014G	28.41	54.00	-25.59	1.00	3	Horizontal	310	2.35	27.41	32.90	5.18	37.08
PK	4.90584G	42.20	74.00	-31.80	1.01	3	Horizontal	310	2.35	41.19	32.91	5.18	37.08

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 HEW20-BF_Nss1,(MCS0)_2TX	Pass	PK	2.4835G	73.59	74.00	-0.41	3	Vertical	287	1.24
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	PK	2.3898G	73.79	74.00	-0.21	3	Vertical	56	1.99

Result

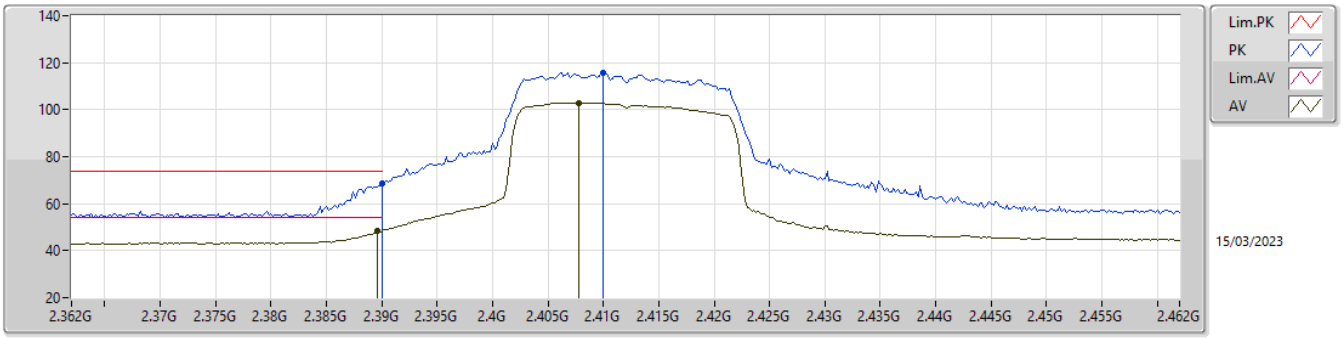
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	48.24	54.00	-5.76	3	Vertical	345	2.12
2412MHz	Pass	AV	2.4078G	102.93	Inf	-Inf	3	Vertical	345	2.12
2412MHz	Pass	PK	2.39G	68.42	74.00	-5.58	3	Vertical	345	2.12
2412MHz	Pass	PK	2.41G	115.59	Inf	-Inf	3	Vertical	345	2.12
2412MHz	Pass	AV	2.39G	51.18	54.00	-2.82	3	Horizontal	89	1.71
2412MHz	Pass	AV	2.4036G	105.30	Inf	-Inf	3	Horizontal	89	1.71
2412MHz	Pass	PK	2.39G	73.34	74.00	-0.66	3	Horizontal	89	1.71
2412MHz	Pass	PK	2.4048G	117.56	Inf	-Inf	3	Horizontal	89	1.71
2412MHz	Pass	AV	4.82408G	29.09	54.00	-24.91	3	Vertical	117	1.50
2412MHz	Pass	PK	4.82644G	42.65	74.00	-31.35	3	Vertical	117	1.50
2412MHz	Pass	AV	4.82448G	28.87	54.00	-25.13	3	Horizontal	360	2.75
2412MHz	Pass	PK	4.82332G	42.32	74.00	-31.68	3	Horizontal	360	2.75
2417MHz	Pass	AV	2.39G	52.09	54.00	-1.91	3	Vertical	269	1.49
2417MHz	Pass	AV	2.4248G	108.02	Inf	-Inf	3	Vertical	269	1.49
2417MHz	Pass	PK	2.39G	73.55	74.00	-0.45	3	Vertical	269	1.49
2417MHz	Pass	PK	2.4238G	120.64	Inf	-Inf	3	Vertical	269	1.49
2417MHz	Pass	AV	2.39G	49.64	54.00	-4.36	3	Horizontal	268	1.74
2417MHz	Pass	AV	2.4244G	106.71	Inf	-Inf	3	Horizontal	268	1.74
2417MHz	Pass	PK	2.3898G	66.67	74.00	-7.33	3	Horizontal	268	1.74
2417MHz	Pass	PK	2.4238G	119.34	Inf	-Inf	3	Horizontal	268	1.74
2437MHz	Pass	AV	2.3898G	46.90	54.00	-7.10	3	Vertical	300	1.57
2437MHz	Pass	AV	2.4394G	108.73	Inf	-Inf	3	Vertical	300	1.57
2437MHz	Pass	AV	2.4842G	48.25	54.00	-5.75	3	Vertical	300	1.57
2437MHz	Pass	PK	2.3898G	62.82	74.00	-11.18	3	Vertical	300	1.57
2437MHz	Pass	PK	2.435G	120.73	Inf	-Inf	3	Vertical	300	1.57
2437MHz	Pass	PK	2.4838G	64.63	74.00	-9.37	3	Vertical	300	1.57
2437MHz	Pass	AV	2.389G	46.83	54.00	-7.17	3	Horizontal	104	1.89
2437MHz	Pass	AV	2.4282G	108.41	Inf	-Inf	3	Horizontal	104	1.89
2437MHz	Pass	AV	2.4838G	47.69	54.00	-6.31	3	Horizontal	104	1.89
2437MHz	Pass	PK	2.3898G	62.01	74.00	-11.99	3	Horizontal	104	1.89
2437MHz	Pass	PK	2.4286G	119.76	Inf	-Inf	3	Horizontal	104	1.89
2437MHz	Pass	PK	2.4854G	66.33	74.00	-7.67	3	Horizontal	104	1.89
2437MHz	Pass	AV	4.87752G	28.95	54.00	-25.05	3	Vertical	140	2.05
2437MHz	Pass	AV	7.30668G	34.49	54.00	-19.51	3	Vertical	298	1.50
2437MHz	Pass	PK	4.87316G	42.50	74.00	-31.50	3	Vertical	140	2.05
2437MHz	Pass	PK	7.30504G	47.37	74.00	-26.63	3	Vertical	298	1.50
2437MHz	Pass	AV	4.87664G	28.87	54.00	-25.13	3	Horizontal	27	1.50
2437MHz	Pass	AV	7.30128G	34.43	54.00	-19.57	3	Horizontal	35	1.50
2437MHz	Pass	PK	4.87028G	42.38	74.00	-31.62	3	Horizontal	27	1.50
2437MHz	Pass	PK	7.31956G	49.08	74.00	-24.92	3	Horizontal	35	1.50
2457MHz	Pass	AV	2.4658G	106.56	Inf	-Inf	3	Vertical	287	1.24
2457MHz	Pass	AV	2.4835G	53.07	54.00	-0.93	3	Vertical	287	1.24
2457MHz	Pass	PK	2.464G	119.39	Inf	-Inf	3	Vertical	287	1.24
2457MHz	Pass	PK	2.4835G	73.59	74.00	-0.41	3	Vertical	287	1.24
2457MHz	Pass	AV	2.466G	105.12	Inf	-Inf	3	Horizontal	105	2.06
2457MHz	Pass	AV	2.4835G	49.40	54.00	-4.60	3	Horizontal	105	2.06
2457MHz	Pass	PK	2.4638G	117.70	Inf	-Inf	3	Horizontal	105	2.06
2457MHz	Pass	PK	2.4842G	69.79	74.00	-4.21	3	Horizontal	105	2.06
2462MHz	Pass	AV	2.4708G	103.93	Inf	-Inf	3	Vertical	309	1.50
2462MHz	Pass	AV	2.4838G	53.53	54.00	-0.47	3	Vertical	309	1.50
2462MHz	Pass	PK	2.4684G	115.11	Inf	-Inf	3	Vertical	309	1.50
2462MHz	Pass	PK	2.486G	73.54	74.00	-0.46	3	Vertical	309	1.50
2462MHz	Pass	AV	2.4708G	104.41	Inf	-Inf	3	Horizontal	288	2.63
2462MHz	Pass	AV	2.4835G	48.15	54.00	-5.85	3	Horizontal	288	2.63
2462MHz	Pass	PK	2.4684G	117.59	Inf	-Inf	3	Horizontal	288	2.63
2462MHz	Pass	PK	2.4835G	65.95	74.00	-8.05	3	Horizontal	288	2.63
2462MHz	Pass	AV	4.91512G	29.52	54.00	-24.48	3	Vertical	286	1.77
2462MHz	Pass	PK	4.89824G	42.81	74.00	-31.19	3	Vertical	286	1.77
2462MHz	Pass	AV	4.91472G	29.57	54.00	-24.43	3	Horizontal	233	2.87
2462MHz	Pass	PK	4.902G	42.86	74.00	-31.14	3	Horizontal	233	2.87

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	48.89	54.00	-5.11	3	Vertical	32	1.76
2422MHz	Pass	AV	2.4404G	101.01	Inf	-Inf	3	Vertical	32	1.76
2422MHz	Pass	AV	2.4835G	44.16	54.00	-9.84	3	Vertical	32	1.76
2422MHz	Pass	PK	2.3896G	68.21	74.00	-5.79	3	Vertical	32	1.76
2422MHz	Pass	PK	2.44G	113.12	Inf	-Inf	3	Vertical	32	1.76
2422MHz	Pass	PK	2.4835G	58.69	74.00	-15.31	3	Vertical	32	1.76
2422MHz	Pass	AV	2.39G	53.02	54.00	-0.98	3	Horizontal	104	2.19
2422MHz	Pass	AV	2.4172G	101.51	Inf	-Inf	3	Horizontal	104	2.19
2422MHz	Pass	AV	2.4864G	45.04	54.00	-8.96	3	Horizontal	104	2.19
2422MHz	Pass	PK	2.39G	73.40	74.00	-0.60	3	Horizontal	104	2.19
2422MHz	Pass	PK	2.4168G	114.98	Inf	-Inf	3	Horizontal	104	2.19
2422MHz	Pass	PK	2.4876G	58.56	74.00	-15.44	3	Horizontal	104	2.19
2422MHz	Pass	AV	4.84064G	28.64	54.00	-25.36	3	Vertical	269	1.64
2422MHz	Pass	PK	4.86056G	41.97	74.00	-32.03	3	Vertical	269	1.64
2422MHz	Pass	AV	4.85368G	28.60	54.00	-25.40	3	Horizontal	45	1.34
2422MHz	Pass	PK	4.86056G	42.31	74.00	-31.69	3	Horizontal	45	1.34
2427MHz	Pass	AV	2.3898G	48.87	54.00	-5.13	3	Vertical	56	1.99
2427MHz	Pass	AV	2.4342G	102.74	Inf	-Inf	3	Vertical	56	1.99
2427MHz	Pass	AV	2.485G	45.99	54.00	-8.01	3	Vertical	56	1.99
2427MHz	Pass	PK	2.3898G	73.79	74.00	-0.21	3	Vertical	56	1.99
2427MHz	Pass	PK	2.4326G	115.17	Inf	-Inf	3	Vertical	56	1.99
2427MHz	Pass	PK	2.4866G	60.22	74.00	-13.78	3	Vertical	56	1.99
2427MHz	Pass	AV	2.3898G	50.43	54.00	-3.57	3	Horizontal	261	1.60
2427MHz	Pass	AV	2.4194G	100.79	Inf	-Inf	3	Horizontal	261	1.60
2427MHz	Pass	AV	2.4838G	45.74	54.00	-8.26	3	Horizontal	261	1.60
2427MHz	Pass	PK	2.3894G	70.16	74.00	-3.84	3	Horizontal	261	1.60
2427MHz	Pass	PK	2.4202G	113.75	Inf	-Inf	3	Horizontal	261	1.60
2427MHz	Pass	PK	2.4835G	59.80	74.00	-14.20	3	Horizontal	261	1.60
2437MHz	Pass	AV	2.3898G	50.01	54.00	-3.99	3	Vertical	302	2.58
2437MHz	Pass	AV	2.439G	104.22	Inf	-Inf	3	Vertical	302	2.58
2437MHz	Pass	AV	2.4835G	50.44	54.00	-3.56	3	Vertical	302	2.58
2437MHz	Pass	PK	2.3882G	69.21	74.00	-4.79	3	Vertical	302	2.58
2437MHz	Pass	PK	2.4382G	117.05	Inf	-Inf	3	Vertical	302	2.58
2437MHz	Pass	PK	2.4838G	70.39	74.00	-3.61	3	Vertical	302	2.58
2437MHz	Pass	AV	2.3898G	52.45	54.00	-1.55	3	Horizontal	260	1.51
2437MHz	Pass	AV	2.423G	102.80	Inf	-Inf	3	Horizontal	260	1.51
2437MHz	Pass	AV	2.4835G	49.37	54.00	-4.63	3	Horizontal	260	1.51
2437MHz	Pass	PK	2.3898G	73.26	74.00	-0.74	3	Horizontal	260	1.51
2437MHz	Pass	PK	2.4194G	115.71	Inf	-Inf	3	Horizontal	260	1.51
2437MHz	Pass	PK	2.4858G	73.64	74.00	-0.36	3	Horizontal	260	1.51
2437MHz	Pass	AV	4.89176G	28.79	54.00	-25.21	3	Vertical	15	1.50
2437MHz	Pass	AV	7.29468G	33.96	54.00	-20.04	3	Vertical	24	2.80
2437MHz	Pass	PK	4.87816G	42.55	74.00	-31.45	3	Vertical	15	1.50
2437MHz	Pass	PK	7.31468G	47.72	74.00	-26.28	3	Vertical	24	2.80
2437MHz	Pass	AV	4.89328G	28.75	54.00	-25.25	3	Horizontal	120	1.50
2437MHz	Pass	AV	7.29644G	33.96	54.00	-20.04	3	Horizontal	0	2.22
2437MHz	Pass	PK	4.87272G	42.34	74.00	-31.66	3	Horizontal	120	1.50
2437MHz	Pass	PK	7.29724G	47.95	74.00	-26.05	3	Horizontal	0	2.22
2447MHz	Pass	AV	2.3894G	47.19	54.00	-6.81	3	Vertical	309	1.94
2447MHz	Pass	AV	2.4334G	102.24	Inf	-Inf	3	Vertical	309	1.94
2447MHz	Pass	AV	2.4835G	51.03	54.00	-2.97	3	Vertical	309	1.94
2447MHz	Pass	PK	2.3886G	61.74	74.00	-12.26	3	Vertical	309	1.94
2447MHz	Pass	PK	2.4302G	115.63	Inf	-Inf	3	Vertical	309	1.94
2447MHz	Pass	PK	2.485G	73.47	74.00	-0.53	3	Vertical	309	1.94
2447MHz	Pass	AV	2.3894G	46.05	54.00	-7.95	3	Horizontal	113	2.95
2447MHz	Pass	AV	2.4294G	103.34	Inf	-Inf	3	Horizontal	113	2.95
2447MHz	Pass	AV	2.4835G	47.73	54.00	-6.27	3	Horizontal	113	2.95
2447MHz	Pass	PK	2.3898G	61.58	74.00	-12.42	3	Horizontal	113	2.95
2447MHz	Pass	PK	2.429G	116.32	Inf	-Inf	3	Horizontal	113	2.95
2447MHz	Pass	PK	2.4838G	70.36	74.00	-3.64	3	Horizontal	113	2.95
2452MHz	Pass	AV	2.39G	43.93	54.00	-10.07	3	Vertical	286	1.72

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2452MHz	Pass	AV	2.4344G	102.25	Inf	-Inf	3	Vertical	286	1.72
2452MHz	Pass	AV	2.4835G	49.35	54.00	-4.65	3	Vertical	286	1.72
2452MHz	Pass	PK	2.3896G	57.48	74.00	-16.52	3	Vertical	286	1.72
2452MHz	Pass	PK	2.438G	115.68	Inf	-Inf	3	Vertical	286	1.72
2452MHz	Pass	PK	2.4864G	73.30	74.00	-0.70	3	Vertical	286	1.72
2452MHz	Pass	AV	2.39G	45.31	54.00	-8.69	3	Horizontal	261	2.17
2452MHz	Pass	AV	2.438G	100.82	Inf	-Inf	3	Horizontal	261	2.17
2452MHz	Pass	AV	2.4835G	51.88	54.00	-2.12	3	Horizontal	261	2.17
2452MHz	Pass	PK	2.3896G	59.46	74.00	-14.54	3	Horizontal	261	2.17
2452MHz	Pass	PK	2.4384G	114.25	Inf	-Inf	3	Horizontal	261	2.17
2452MHz	Pass	PK	2.488G	72.28	74.00	-1.72	3	Horizontal	261	2.17
2452MHz	Pass	AV	4.9168G	28.93	54.00	-25.07	3	Vertical	311	2.96
2452MHz	Pass	PK	4.89584G	42.29	74.00	-31.71	3	Vertical	311	2.96
2452MHz	Pass	AV	4.88848G	28.85	54.00	-25.15	3	Horizontal	343	1.22
2452MHz	Pass	PK	4.88952G	42.79	74.00	-31.21	3	Horizontal	343	1.22

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

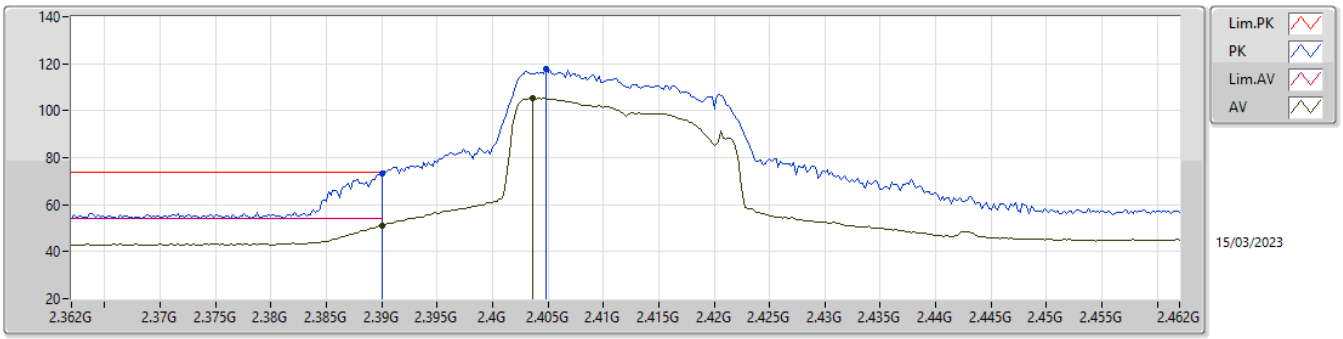
2412MHz_TX



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	2.3896G	48.24	54.00	-5.76	31.03	3	Vertical	345	2.12	17.21	27.44	3.59	-
AV	2.4078G	102.93	Inf	-Inf	31.16	3	Vertical	345	2.12	71.77	27.55	3.61	-
PK	2.39G	68.42	74.00	-5.58	31.03	3	Vertical	345	2.12	37.39	27.44	3.59	-
PK	2.41G	115.59	Inf	-Inf	31.17	3	Vertical	345	2.12	84.42	27.56	3.61	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

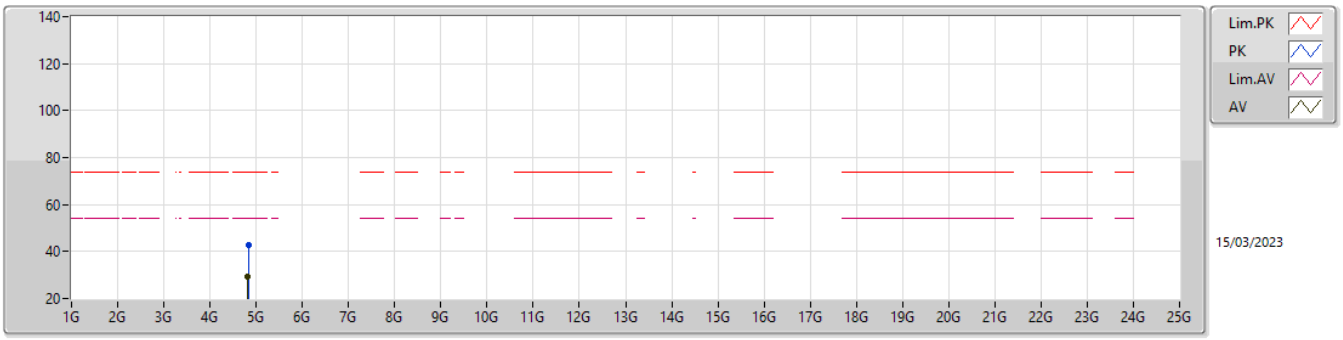
2412MHz_TX



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	51.18	54.00	-2.82	31.03	3	Horizontal	89	1.71	20.15	27.44	3.59	-
AV	2.4036G	105.30	Inf	-Inf	31.12	3	Horizontal	89	1.71	74.18	27.52	3.60	-
PK	2.39G	73.34	74.00	-0.66	31.03	3	Horizontal	89	1.71	42.31	27.44	3.59	-
PK	2.4048G	117.56	Inf	-Inf	31.13	3	Horizontal	89	1.71	86.43	27.53	3.60	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

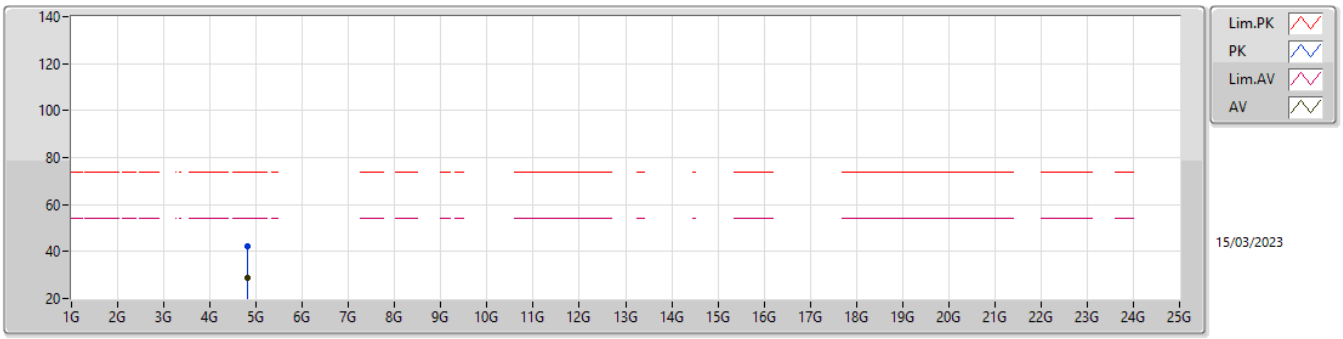
2412MHz_TX



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	4.82408G	29.09	54.00	-24.91	0.62	3	Vertical	117	1.50	28.47	32.54	5.16	37.08
PK	4.82644G	42.65	74.00	-31.35	0.64	3	Vertical	117	1.50	42.01	32.56	5.16	37.08

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

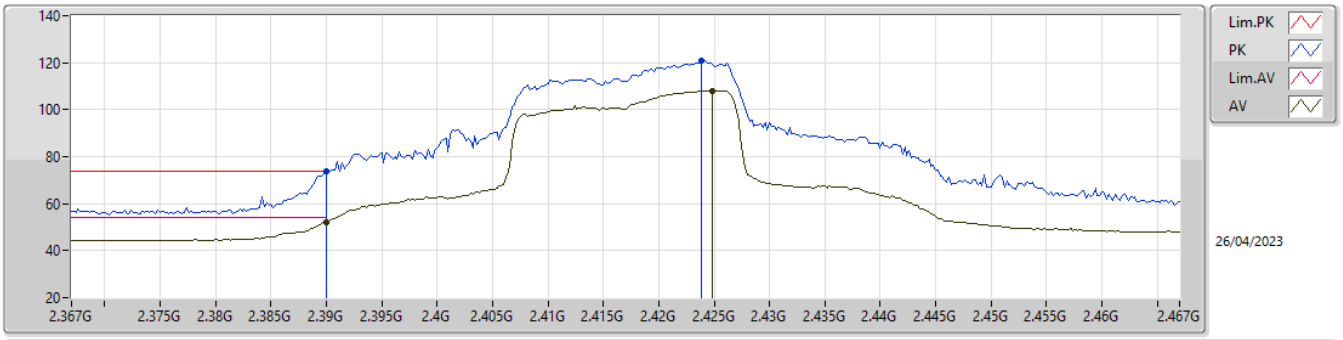
2412MHz_TX



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	4.82448G	28.87	54.00	-25.13	0.63	3	Horizontal	360	2.75	28.24	32.55	5.16	37.08
PK	4.82332G	42.32	74.00	-31.68	0.62	3	Horizontal	360	2.75	41.70	32.54	5.16	37.08

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

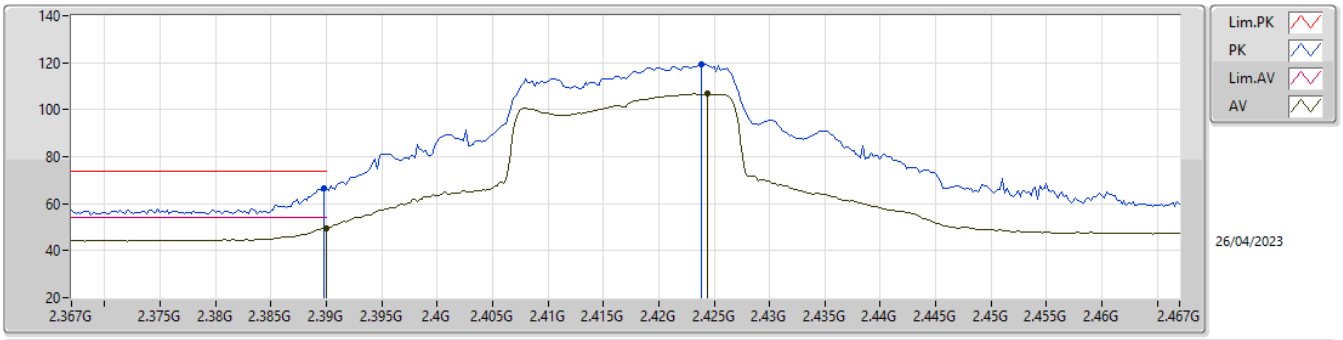
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.09	54.00	-1.91	31.77	3	Vertical	269	1.49	20.32	27.52	4.25	-
AV	2.4248G	108.02	Inf	-Inf	31.92	3	Vertical	269	1.49	76.10	27.65	4.27	-
PK	2.39G	73.55	74.00	-0.45	31.77	3	Vertical	269	1.49	41.78	27.52	4.25	-
PK	2.4238G	120.64	Inf	-Inf	31.92	3	Vertical	269	1.49	88.72	27.65	4.27	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

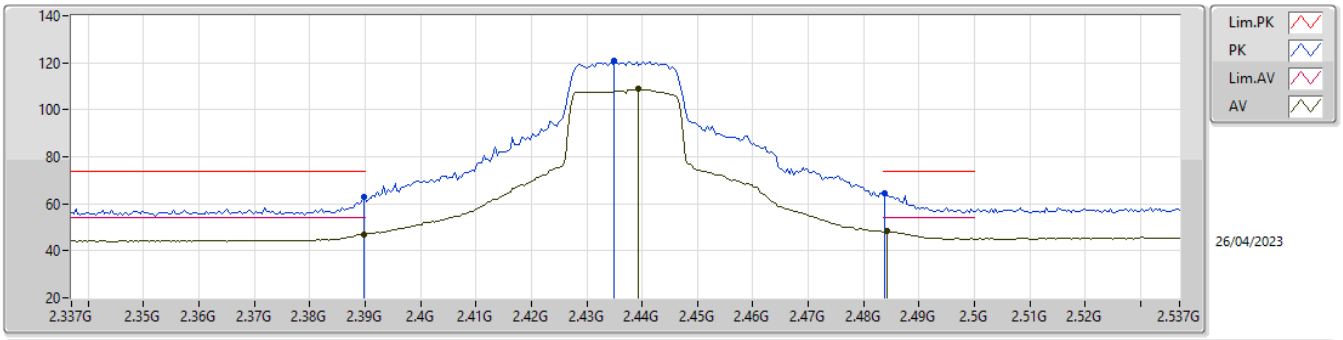
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.64	54.00	-4.36	31.77	3	Horizontal	268	1.74	17.87	27.52	4.25	-
AV	2.4244G	106.71	Inf	-Inf	31.92	3	Horizontal	268	1.74	74.79	27.65	4.27	-
PK	2.3898G	66.67	74.00	-7.33	31.77	3	Horizontal	268	1.74	34.90	27.52	4.25	-
PK	2.4238G	119.34	Inf	-Inf	31.92	3	Horizontal	268	1.74	87.42	27.65	4.27	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

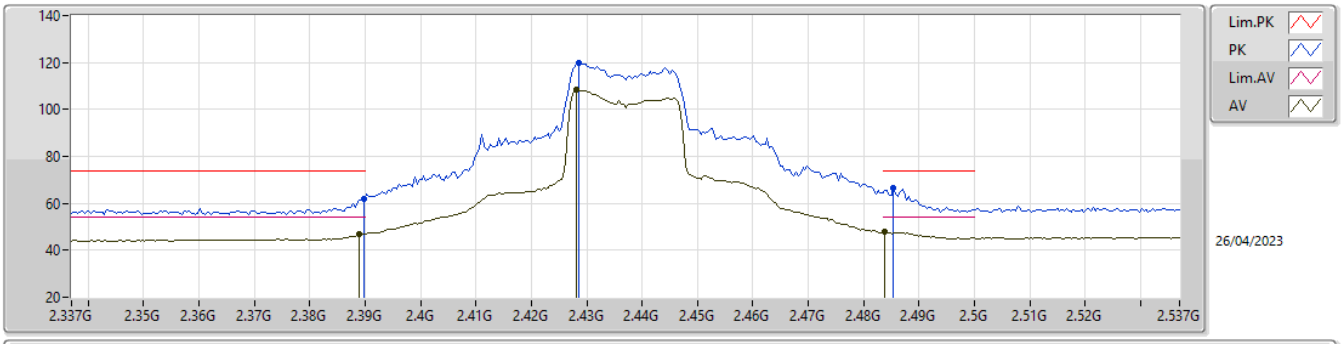
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	46.90	54.00	-7.10	31.77	3	Vertical	300	1.57	15.13	27.52	4.25	-
AV	2.4394G	108.73	Inf	-Inf	31.96	3	Vertical	300	1.57	76.77	27.68	4.28	-
AV	2.4842G	48.25	54.00	-5.75	32.15	3	Vertical	300	1.57	16.10	27.84	4.31	-
PK	2.3898G	62.82	74.00	-11.18	31.77	3	Vertical	300	1.57	31.05	27.52	4.25	-
PK	2.435G	120.73	Inf	-Inf	31.95	3	Vertical	300	1.57	88.78	27.67	4.28	-
PK	2.4838G	64.63	74.00	-9.37	32.15	3	Vertical	300	1.57	32.48	27.84	4.31	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

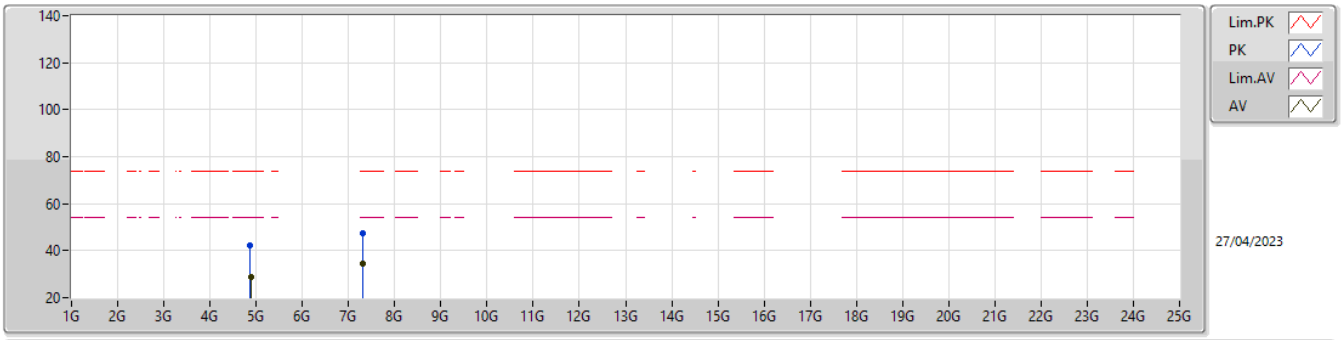
2437MHz_TX



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	46.83	54.00	-7.17	31.76	3	Horizontal	104	1.89	15.07	27.51	4.25	-
AV	2.4282G	108.41	Inf	-Inf	31.94	3	Horizontal	104	1.89	76.47	27.66	4.28	-
AV	2.4838G	47.69	54.00	-6.31	32.15	3	Horizontal	104	1.89	15.54	27.84	4.31	-
PK	2.3898G	62.01	74.00	-11.99	31.77	3	Horizontal	104	1.89	30.24	27.52	4.25	-
PK	2.4286G	119.76	Inf	-Inf	31.94	3	Horizontal	104	1.89	87.82	27.66	4.28	-
PK	2.4854G	66.33	74.00	-7.67	32.15	3	Horizontal	104	1.89	34.18	27.84	4.31	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

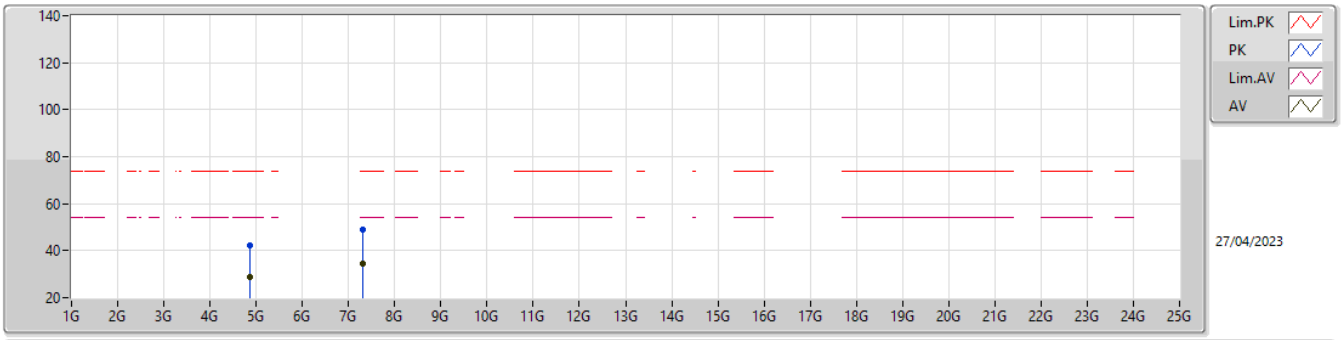
2437MHz_TX



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	4.87752G	28.95	54.00	-25.05	4.66	3	Vertical	140	2.05	24.29	32.61	6.21	34.16
AV	7.30668G	34.49	54.00	-19.51	10.06	3	Vertical	298	1.50	24.43	36.77	7.79	34.50
PK	4.87316G	42.50	74.00	-31.50	4.63	3	Vertical	140	2.05	37.87	32.59	6.21	34.17
PK	7.30504G	47.37	74.00	-26.63	10.07	3	Vertical	298	1.50	37.30	36.78	7.79	34.50

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

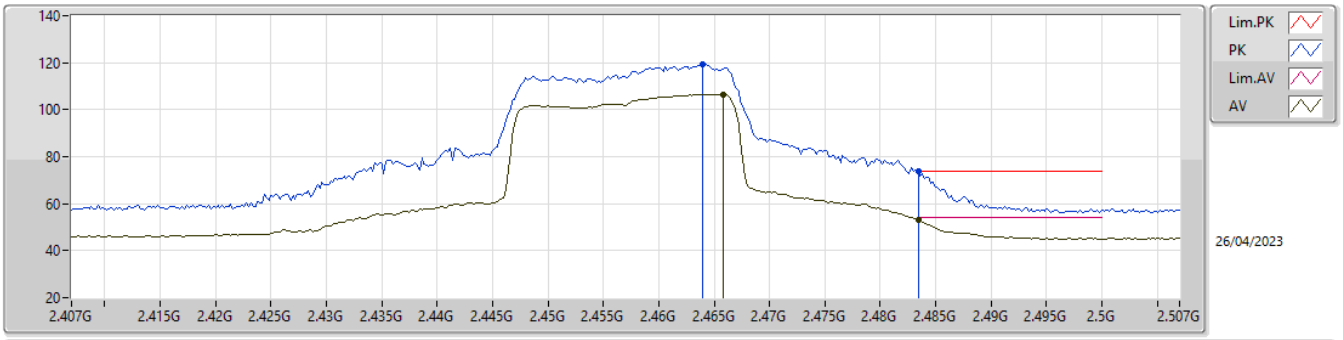
2437MHz_TX



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	4.87664G	28.87	54.00	-25.13	4.66	3	Horizontal	27	1.50	24.21	32.61	6.21	34.16
AV	7.30128G	34.43	54.00	-19.57	10.08	3	Horizontal	35	1.50	24.35	36.79	7.79	34.50
PK	4.87028G	42.38	74.00	-31.62	4.62	3	Horizontal	27	1.50	37.76	32.58	6.21	34.17
PK	7.31956G	49.08	74.00	-24.92	10.02	3	Horizontal	35	1.50	39.06	36.72	7.80	34.50

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

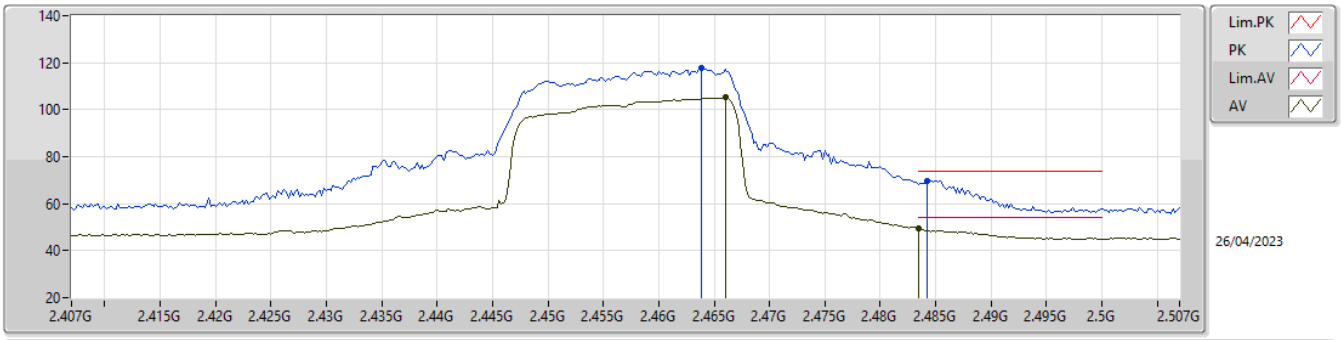
2457MHz_TX



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	2.4658G	106.56	Inf	-Inf	32.06	3	Vertical	287	1.24	74.50	27.76	4.30	-
AV	2.4835G	53.07	54.00	-0.93	32.14	3	Vertical	287	1.24	20.93	27.83	4.31	-
PK	2.464G	119.39	Inf	-Inf	32.06	3	Vertical	287	1.24	87.33	27.76	4.30	-
PK	2.4835G	73.59	74.00	-0.41	32.14	3	Vertical	287	1.24	41.45	27.83	4.31	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

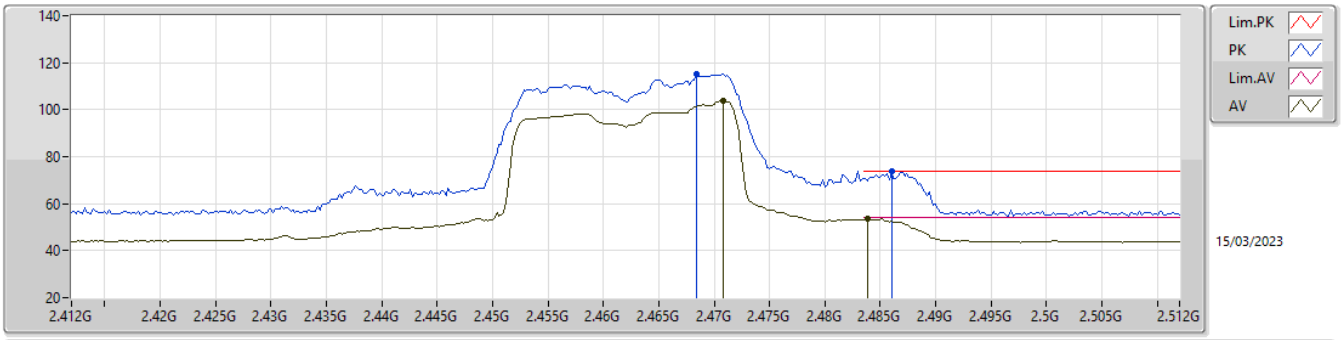
2457MHz_TX



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	2.466G	105.12	Inf	-Inf	32.06	3	Horizontal	105	2.06	73.06	27.76	4.30	-
AV	2.4835G	49.40	54.00	-4.60	32.14	3	Horizontal	105	2.06	17.26	27.83	4.31	-
PK	2.4638G	117.70	Inf	-Inf	32.06	3	Horizontal	105	2.06	85.64	27.76	4.30	-
PK	2.4842G	69.79	74.00	-4.21	32.15	3	Horizontal	105	2.06	37.64	27.84	4.31	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

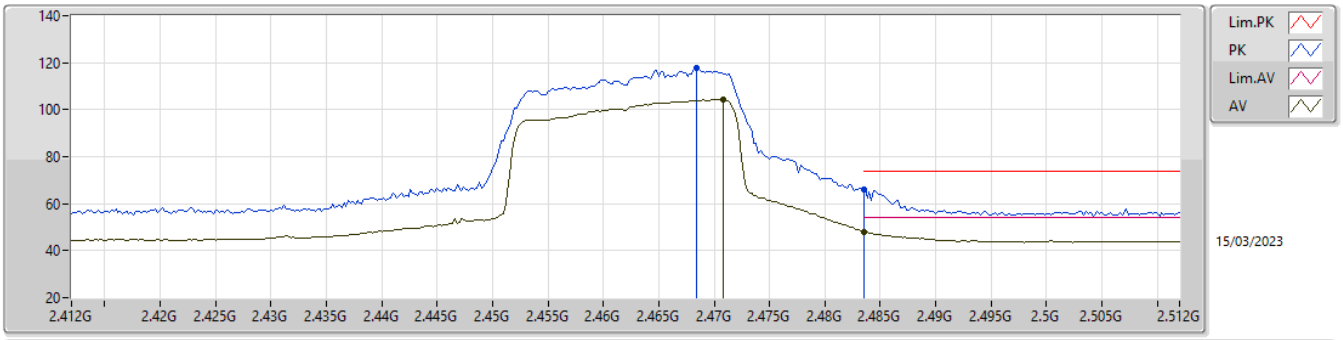
2462MHz_TX



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	2.4708G	103.93	Inf	-Inf	31.50	3	Vertical	309	1.50	72.43	27.84	3.66	-
AV	2.4838G	53.53	54.00	-0.47	31.55	3	Vertical	309	1.50	21.98	27.87	3.68	-
PK	2.4684G	115.11	Inf	-Inf	31.50	3	Vertical	309	1.50	83.61	27.84	3.66	-
PK	2.486G	73.54	74.00	-0.46	31.55	3	Vertical	309	1.50	41.99	27.87	3.68	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

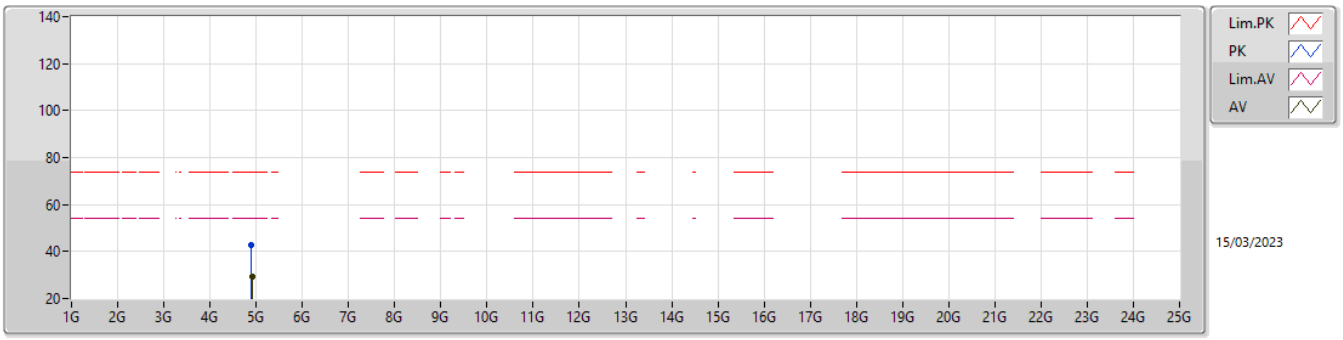
2462MHz_TX



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	2.4708G	104.41	Inf	-Inf	31.50	3	Horizontal	288	2.63	72.91	27.84	3.66	-
AV	2.4835G	48.15	54.00	-5.85	31.55	3	Horizontal	288	2.63	16.60	27.87	3.68	-
PK	2.4684G	117.59	Inf	-Inf	31.50	3	Horizontal	288	2.63	86.09	27.84	3.66	-
PK	2.4835G	65.95	74.00	-8.05	31.55	3	Horizontal	288	2.63	34.40	27.87	3.68	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

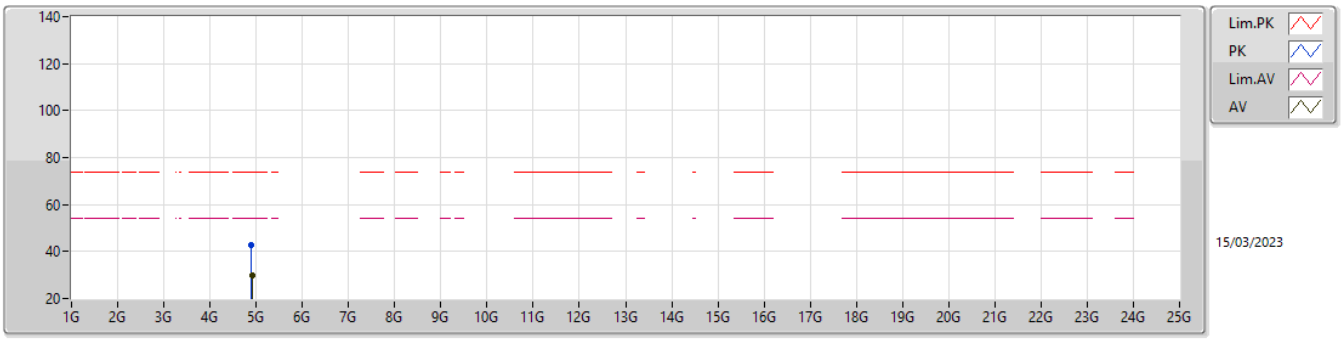
2462MHz_TX



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	4.91512G	29.52	54.00	-24.48	1.03	3	Vertical	286	1.77	28.49	32.93	5.18	37.08
PK	4.89824G	42.81	74.00	-31.19	0.99	3	Vertical	286	1.77	41.82	32.89	5.18	37.08

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

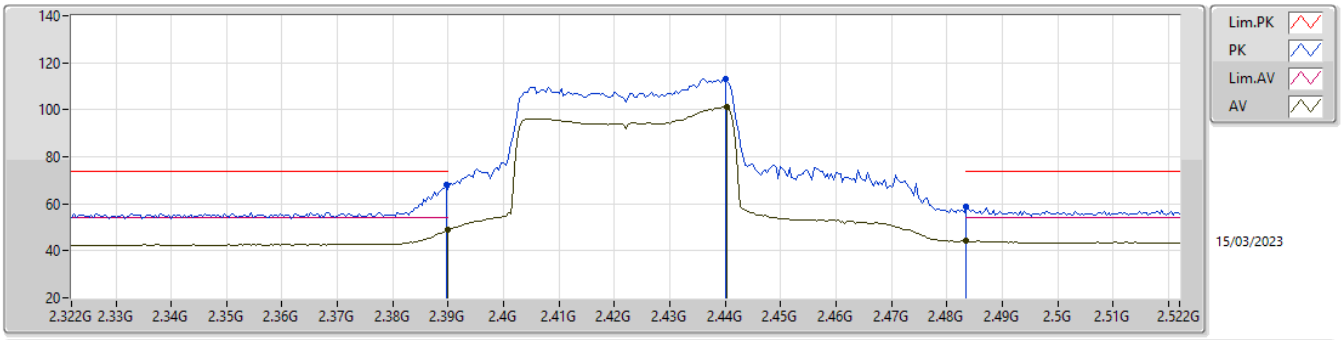
2462MHz_TX



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	4.91472G	29.57	54.00	-24.43	1.03	3	Horizontal	233	2.87	28.54	32.93	5.18	37.08
PK	4.902G	42.86	74.00	-31.14	1.00	3	Horizontal	233	2.87	41.86	32.90	5.18	37.08

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

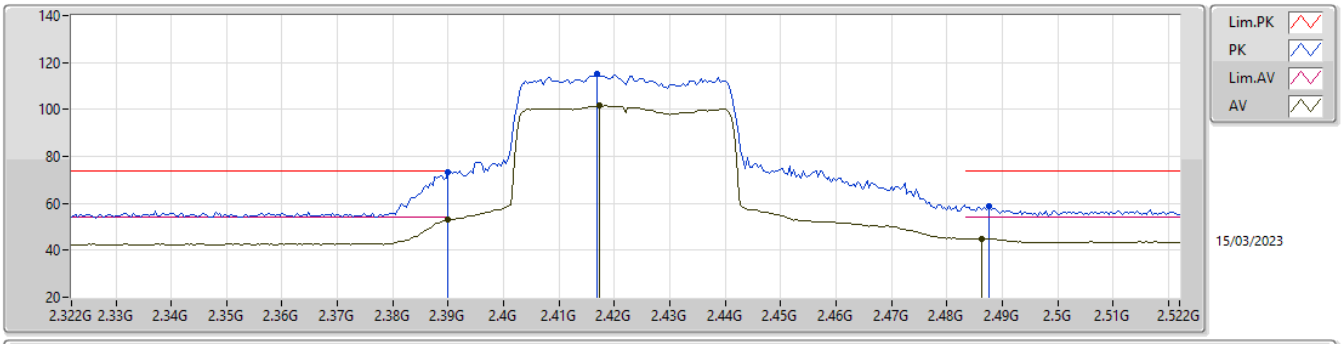
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.89	54.00	-5.11	31.03	3	Vertical	32	1.76	17.86	27.44	3.59	-
AV	2.4404G	101.01	Inf	-Inf	31.38	3	Vertical	32	1.76	69.63	27.74	3.64	-
AV	2.4835G	44.16	54.00	-9.84	31.55	3	Vertical	32	1.76	12.61	27.87	3.68	-
PK	2.3896G	68.21	74.00	-5.79	31.03	3	Vertical	32	1.76	37.18	27.44	3.59	-
PK	2.44G	113.12	Inf	-Inf	31.38	3	Vertical	32	1.76	81.74	27.74	3.64	-
PK	2.4835G	58.69	74.00	-15.31	31.55	3	Vertical	32	1.76	27.14	27.87	3.68	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

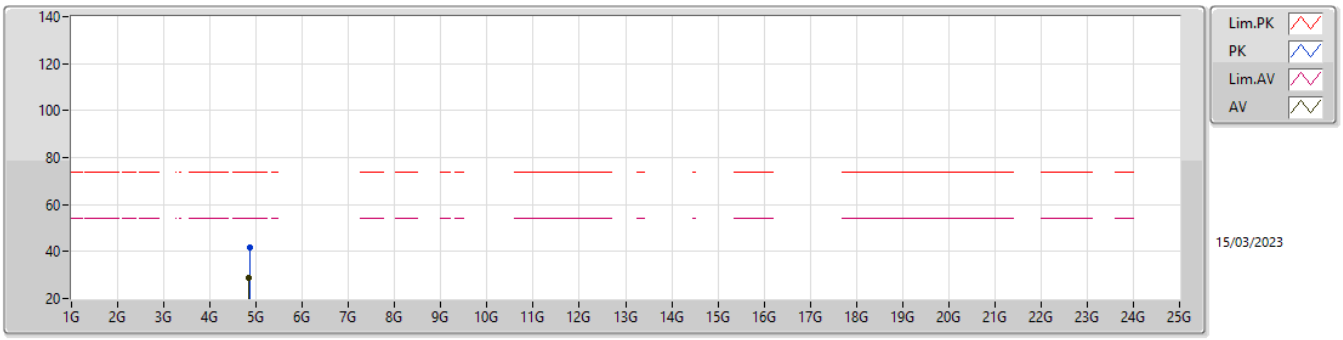
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.02	54.00	-0.98	31.03	3	Horizontal	104	2.19	21.99	27.44	3.59	-
AV	2.4172G	101.51	Inf	-Inf	31.22	3	Horizontal	104	2.19	70.29	27.60	3.62	-
AV	2.4864G	45.04	54.00	-8.96	31.55	3	Horizontal	104	2.19	13.49	27.87	3.68	-
PK	2.39G	73.40	74.00	-0.60	31.03	3	Horizontal	104	2.19	42.37	27.44	3.59	-
PK	2.4168G	114.98	Inf	-Inf	31.22	3	Horizontal	104	2.19	83.76	27.60	3.62	-
PK	2.4876G	58.56	74.00	-15.44	31.56	3	Horizontal	104	2.19	27.00	27.88	3.68	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

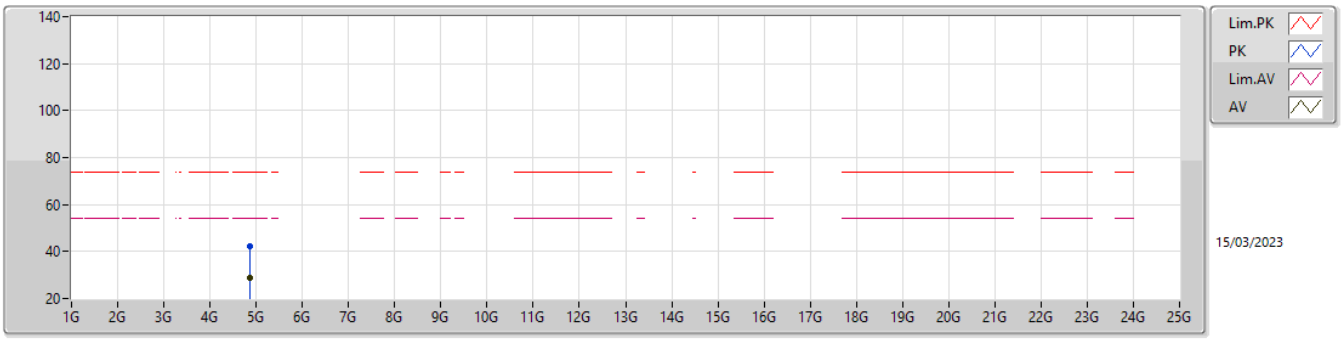
2422MHz_TX



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	4.84064G	28.64	54.00	-25.36	0.72	3	Vertical	269	1.64	27.92	32.64	5.16	37.08
PK	4.86056G	41.97	74.00	-32.03	0.83	3	Vertical	269	1.64	41.14	32.74	5.17	37.08

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

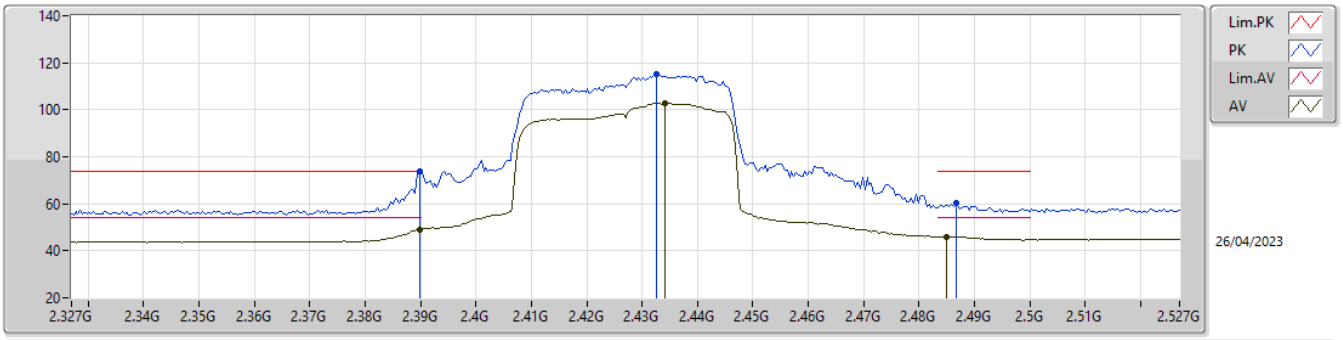
2422MHz_TX



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	4.85368G	28.60	54.00	-25.40	0.80	3	Horizontal	45	1.34	27.80	32.71	5.17	37.08
PK	4.86056G	42.31	74.00	-31.69	0.83	3	Horizontal	45	1.34	41.48	32.74	5.17	37.08

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

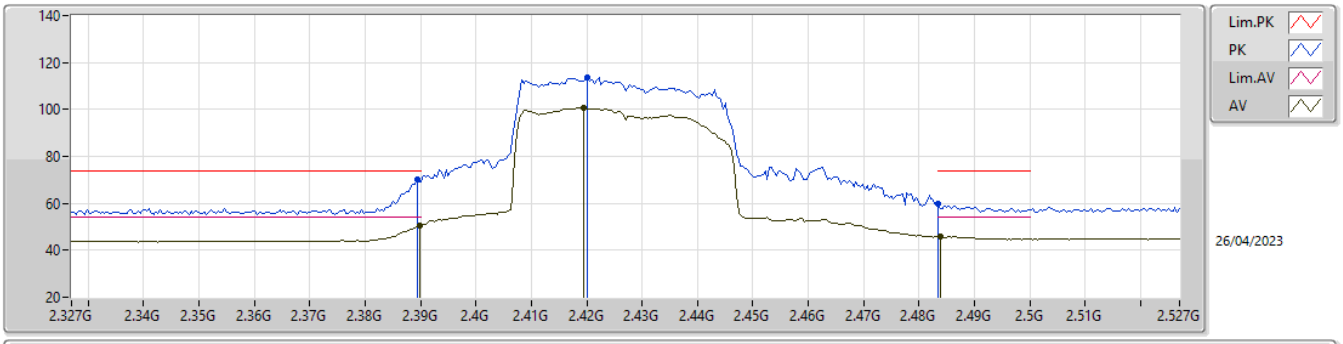
2427MHz_TX



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	48.87	54.00	-5.13	31.77	3	Vertical	56	1.99	17.10	27.52	4.25	-
AV	2.4342G	102.74	Inf	-Inf	31.95	3	Vertical	56	1.99	70.79	27.67	4.28	-
AV	2.485G	45.99	54.00	-8.01	32.15	3	Vertical	56	1.99	13.84	27.84	4.31	-
PK	2.3898G	73.79	74.00	-0.21	31.77	3	Vertical	56	1.99	42.02	27.52	4.25	-
PK	2.4326G	115.17	Inf	-Inf	31.95	3	Vertical	56	1.99	83.22	27.67	4.28	-
PK	2.4866G	60.22	74.00	-13.78	32.16	3	Vertical	56	1.99	28.06	27.85	4.31	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

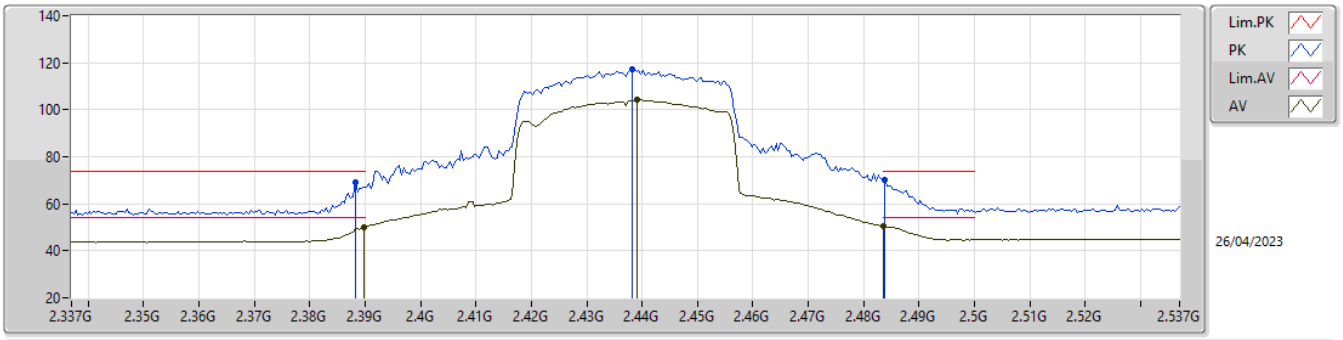
2427MHz_TX



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	50.43	54.00	-3.57	31.77	3	Horizontal	261	1.60	18.66	27.52	4.25	-
AV	2.4194G	100.79	Inf	-Inf	31.91	3	Horizontal	261	1.60	68.88	27.64	4.27	-
AV	2.4838G	45.74	54.00	-8.26	32.15	3	Horizontal	261	1.60	13.59	27.84	4.31	-
PK	2.3894G	70.16	74.00	-3.84	31.77	3	Horizontal	261	1.60	38.39	27.52	4.25	-
PK	2.4202G	113.75	Inf	-Inf	31.91	3	Horizontal	261	1.60	81.84	27.64	4.27	-
PK	2.4835G	59.80	74.00	-14.20	32.14	3	Horizontal	261	1.60	27.66	27.83	4.31	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

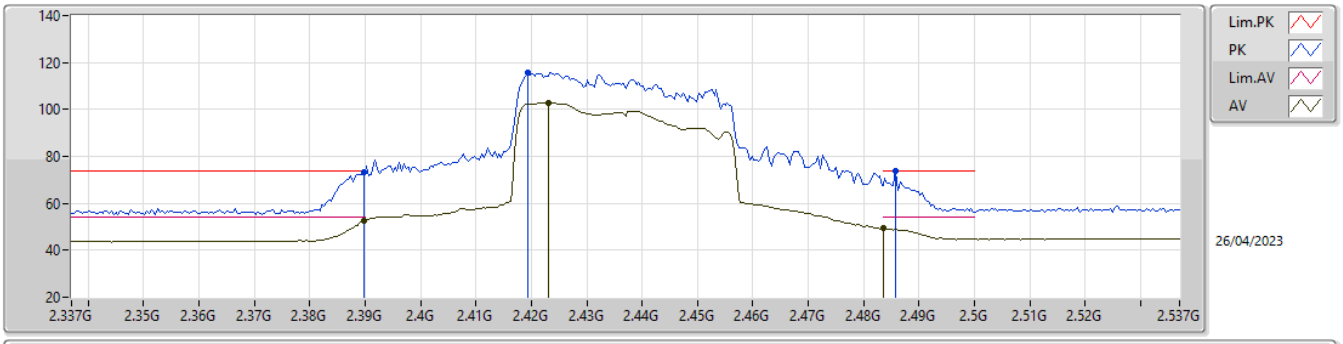
2437MHz_TX



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	50.01	54.00	-3.99	31.77	3	Vertical	302	2.58	18.24	27.52	4.25	-
AV	2.439G	104.22	Inf	-Inf	31.96	3	Vertical	302	2.58	72.26	27.68	4.28	-
AV	2.4835G	50.44	54.00	-3.56	32.14	3	Vertical	302	2.58	18.30	27.83	4.31	-
PK	2.3882G	69.21	74.00	-4.79	31.76	3	Vertical	302	2.58	37.45	27.51	4.25	-
PK	2.4382G	117.05	Inf	-Inf	31.96	3	Vertical	302	2.58	85.09	27.68	4.28	-
PK	2.4838G	70.39	74.00	-3.61	32.15	3	Vertical	302	2.58	38.24	27.84	4.31	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

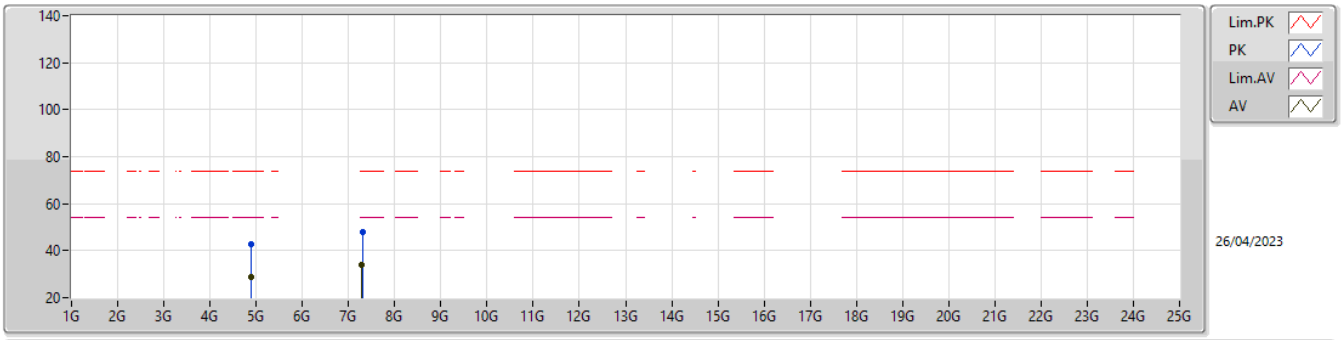
2437MHz_TX



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	52.45	54.00	-1.55	31.77	3	Horizontal	260	1.51	20.68	27.52	4.25	-
AV	2.423G	102.80	Inf	-Inf	31.92	3	Horizontal	260	1.51	70.88	27.65	4.27	-
AV	2.4835G	49.37	54.00	-4.63	32.14	3	Horizontal	260	1.51	17.23	27.83	4.31	-
PK	2.3898G	73.26	74.00	-0.74	31.77	3	Horizontal	260	1.51	41.49	27.52	4.25	-
PK	2.4194G	115.71	Inf	-Inf	31.91	3	Horizontal	260	1.51	83.80	27.64	4.27	-
PK	2.4858G	73.64	74.00	-0.36	32.15	3	Horizontal	260	1.51	41.49	27.84	4.31	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

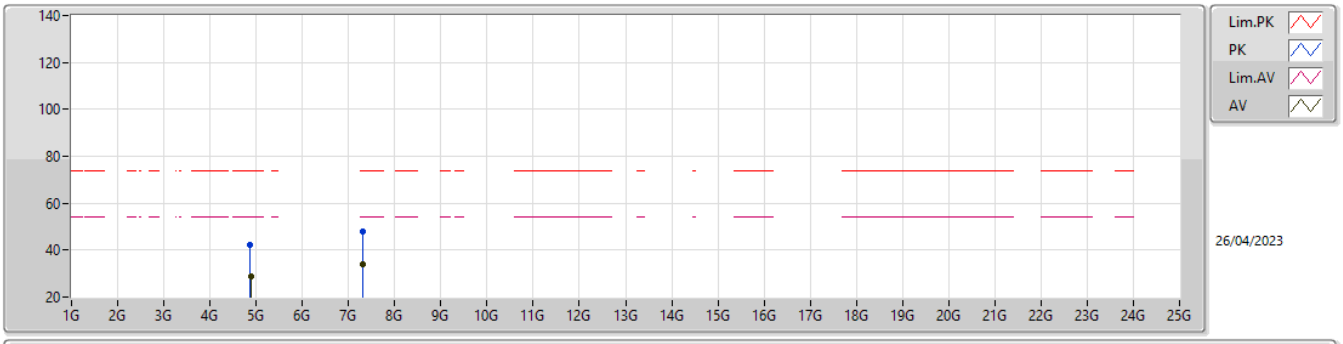
2437MHz_TX



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	4.89176G	28.79	54.00	-25.21	4.73	3	Vertical	15	1.50	24.06	32.67	6.22	34.16
AV	7.29468G	33.96	54.00	-20.04	10.11	3	Vertical	24	2.80	23.85	36.82	7.79	34.50
PK	4.87816G	42.55	74.00	-31.45	4.66	3	Vertical	15	1.50	37.89	32.61	6.21	34.16
PK	7.31468G	47.72	74.00	-26.28	10.04	3	Vertical	24	2.80	37.68	36.74	7.80	34.50

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

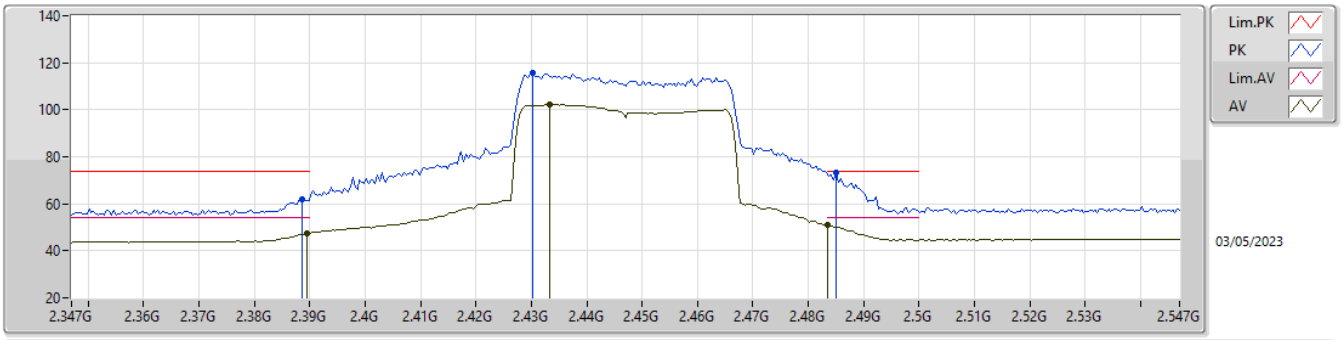
2437MHz_TX



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	4.89328G	28.75	54.00	-25.25	4.74	3	Horizontal	120	1.50	24.01	32.67	6.23	34.16
AV	7.29644G	33.96	54.00	-20.04	10.10	3	Horizontal	0	2.22	23.86	36.81	7.79	34.50
PK	4.87272G	42.34	74.00	-31.66	4.63	3	Horizontal	120	1.50	37.71	32.59	6.21	34.17
PK	7.29724G	47.95	74.00	-26.05	10.10	3	Horizontal	0	2.22	37.85	36.81	7.79	34.50

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

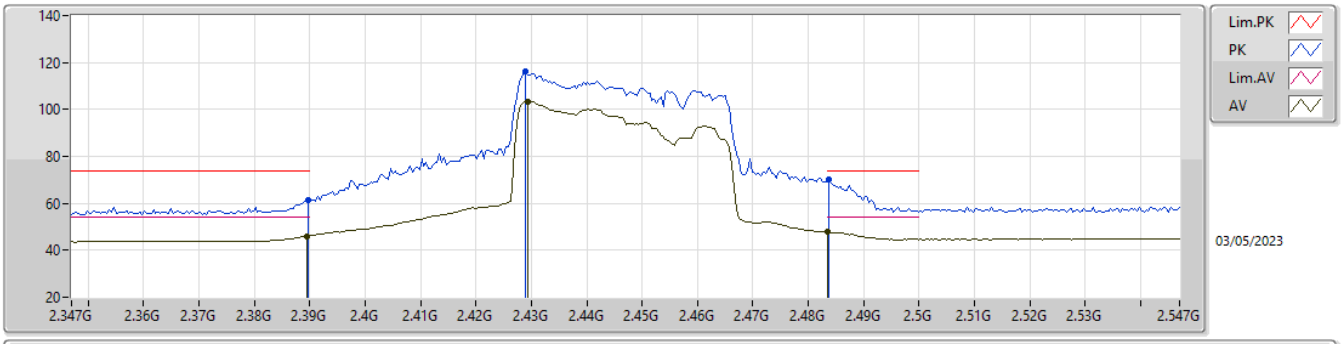
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	47.19	54.00	-6.81	31.77	3	Vertical	309	1.94	15.42	27.52	4.25	-
AV	2.4334G	102.24	Inf	-Inf	31.95	3	Vertical	309	1.94	70.29	27.67	4.28	-
AV	2.4835G	51.03	54.00	-2.97	32.14	3	Vertical	309	1.94	18.89	27.83	4.31	-
PK	2.3886G	61.74	74.00	-12.26	31.76	3	Vertical	309	1.94	29.98	27.51	4.25	-
PK	2.4302G	115.63	Inf	-Inf	31.94	3	Vertical	309	1.94	83.69	27.66	4.28	-
PK	2.485G	73.47	74.00	-0.53	32.15	3	Vertical	309	1.94	41.32	27.84	4.31	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

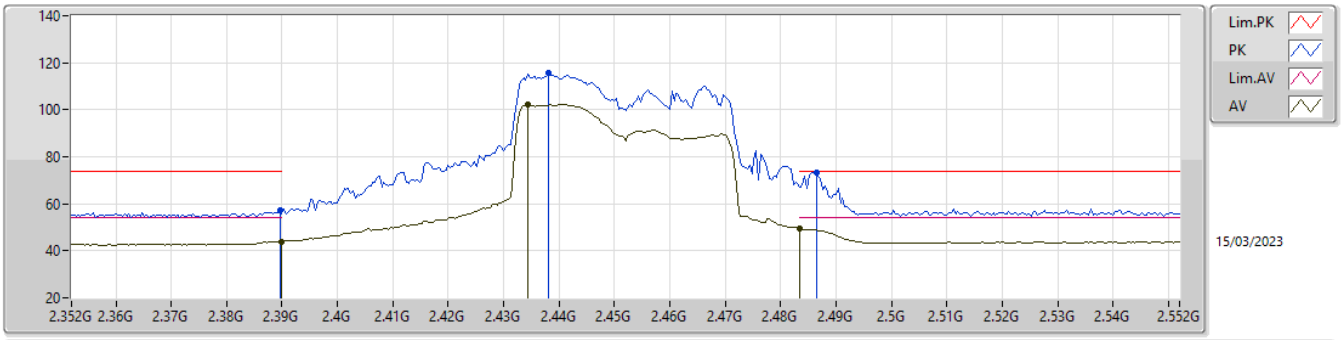
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	46.05	54.00	-7.95	31.77	3	Horizontal	113	2.95	14.28	27.52	4.25	-
AV	2.4294G	103.34	Inf	-Inf	31.94	3	Horizontal	113	2.95	71.40	27.66	4.28	-
AV	2.4835G	47.73	54.00	-6.27	32.14	3	Horizontal	113	2.95	15.59	27.83	4.31	-
PK	2.3898G	61.58	74.00	-12.42	31.77	3	Horizontal	113	2.95	29.81	27.52	4.25	-
PK	2.429G	116.32	Inf	-Inf	31.94	3	Horizontal	113	2.95	84.38	27.66	4.28	-
PK	2.4838G	70.36	74.00	-3.64	32.15	3	Horizontal	113	2.95	38.21	27.84	4.31	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

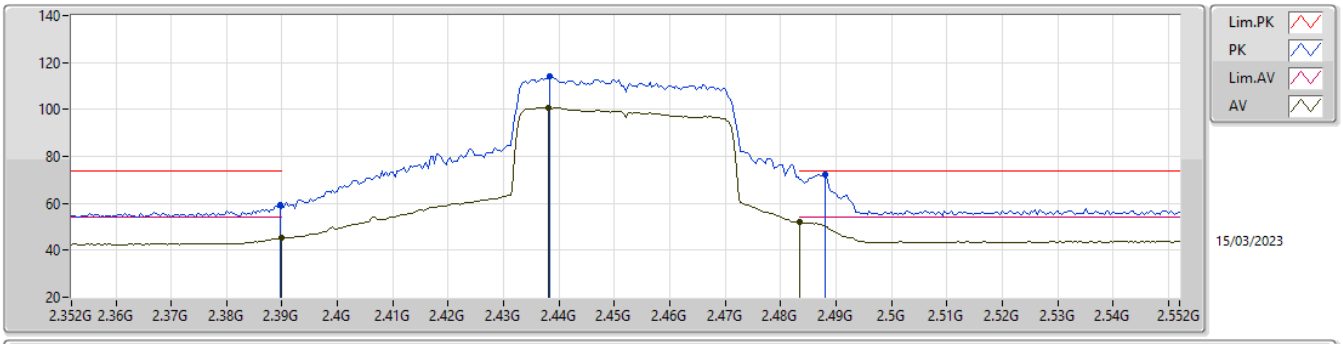
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	43.93	54.00	-10.07	31.03	3	Vertical	286	1.72	12.90	27.44	3.59	-
AV	2.4344G	102.25	Inf	-Inf	31.34	3	Vertical	286	1.72	70.91	27.71	3.63	-
AV	2.4835G	49.35	54.00	-4.65	31.55	3	Vertical	286	1.72	17.80	27.87	3.68	-
PK	2.3896G	57.48	74.00	-16.52	31.03	3	Vertical	286	1.72	26.45	27.44	3.59	-
PK	2.438G	115.68	Inf	-Inf	31.36	3	Vertical	286	1.72	84.32	27.73	3.63	-
PK	2.4864G	73.30	74.00	-0.70	31.55	3	Vertical	286	1.72	41.75	27.87	3.68	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

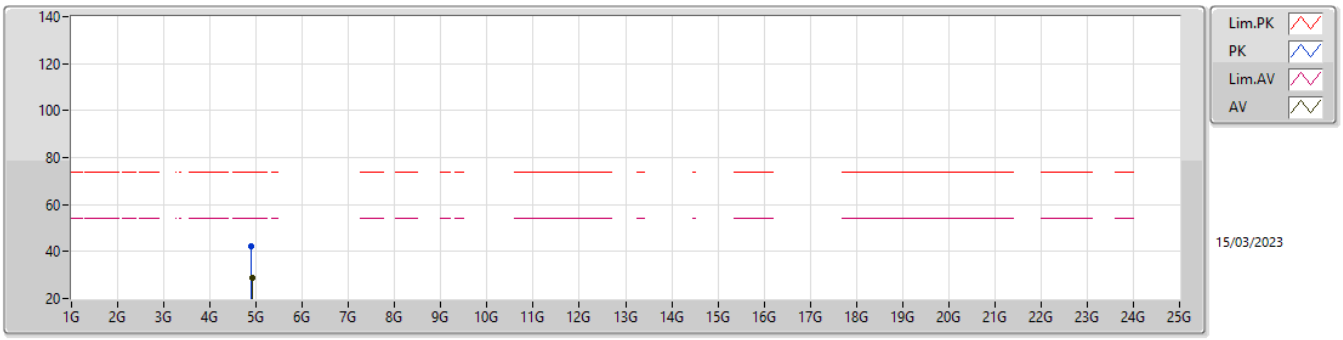
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	45.31	54.00	-8.69	31.03	3	Horizontal	261	2.17	14.28	27.44	3.59	-
AV	2.438G	100.82	Inf	-Inf	31.36	3	Horizontal	261	2.17	69.46	27.73	3.63	-
AV	2.4835G	51.88	54.00	-2.12	31.55	3	Horizontal	261	2.17	20.33	27.87	3.68	-
PK	2.3896G	59.46	74.00	-14.54	31.03	3	Horizontal	261	2.17	28.43	27.44	3.59	-
PK	2.4384G	114.25	Inf	-Inf	31.36	3	Horizontal	261	2.17	82.89	27.73	3.63	-
PK	2.488G	72.28	74.00	-1.72	31.56	3	Horizontal	261	2.17	40.72	27.88	3.68	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

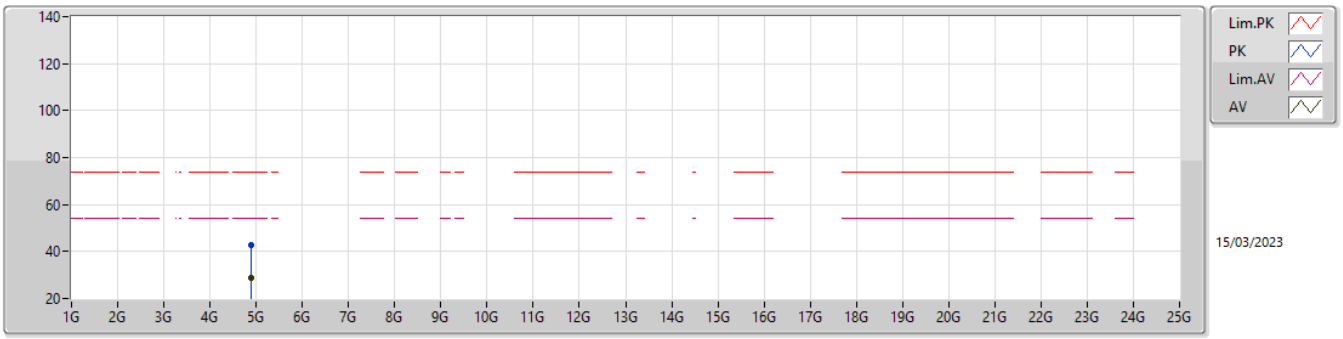
2452MHz_TX



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	4.9168G	28.93	54.00	-25.07	1.04	3	Vertical	311	2.96	27.89	32.93	5.19	37.08
PK	4.89584G	42.29	74.00	-31.71	0.98	3	Vertical	311	2.96	41.31	32.88	5.18	37.08

2.4-2.4835GHz_802.11ax HEW40-BF_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	4.88848G	28.85	54.00	-25.15	0.95	3	Horizontal	343	1.22	27.90	32.85	5.18	37.08
PK	4.88952G	42.79	74.00	-31.21	0.96	3	Horizontal	343	1.22	41.83	32.86	5.18	37.08

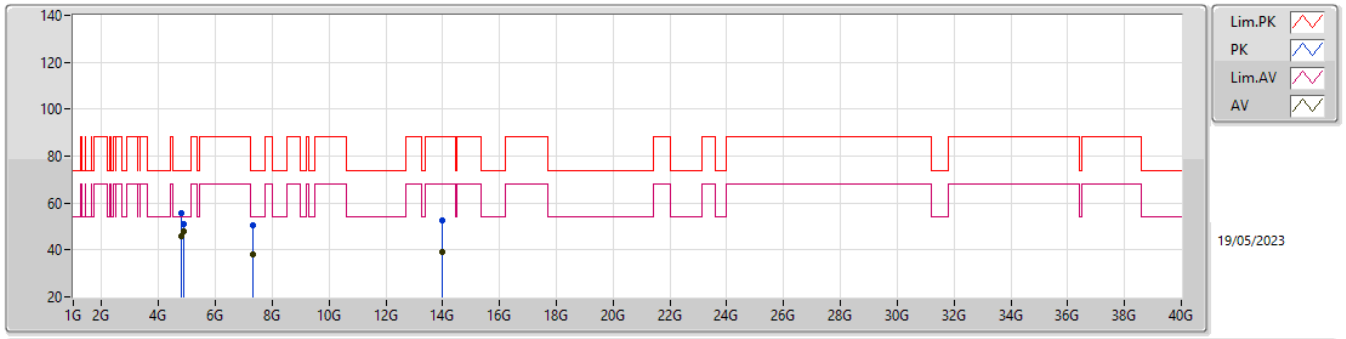
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.87399G	53.11	54.00	-0.89	Horizontal

Result

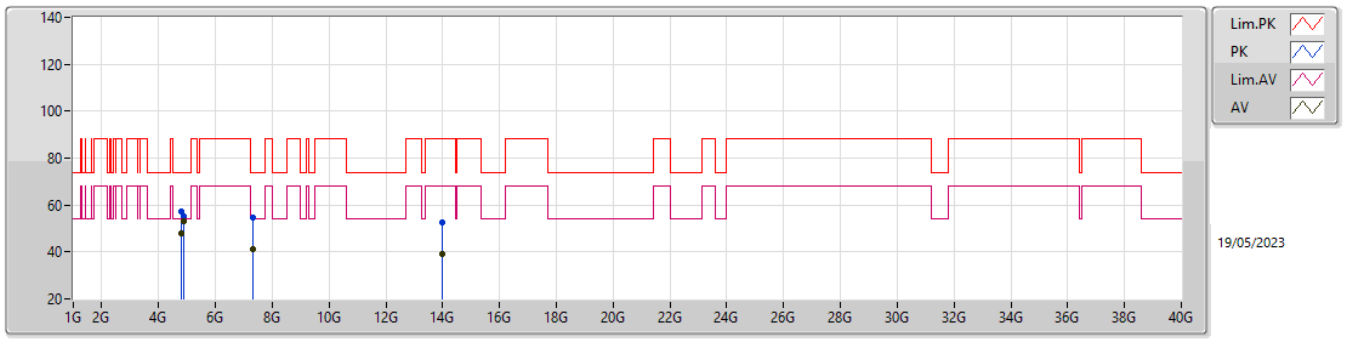
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.80748G	46.12	54.00	-7.88	4.22	3	Vertical	156	2.57
Mode 1	Pass	AV	4.87395G	47.70	54.00	-6.30	4.64	3	Vertical	147	2.92
Mode 1	Pass	AV	7.30948G	38.36	54.00	-15.64	10.06	3	Vertical	174	1.66
Mode 1	Pass	AV	13.97604G	39.01	68.20	-29.19	18.57	3	Vertical	167	1.38
Mode 1	Pass	PK	4.80885G	55.87	74.00	-18.13	4.23	3	Vertical	156	2.57
Mode 1	Pass	PK	4.87398G	51.28	74.00	-22.72	4.64	3	Vertical	147	2.92
Mode 1	Pass	PK	7.3136G	50.70	74.00	-23.30	10.05	3	Vertical	174	1.66
Mode 1	Pass	PK	13.96482G	52.33	88.20	-35.87	18.58	3	Vertical	167	1.38
Mode 1	Pass	AV	4.80751G	47.79	54.00	-6.21	4.23	3	Horizontal	209	1.86
Mode 1	Pass	AV	4.87399G	53.11	54.00	-0.89	4.64	3	Horizontal	124	1.25
Mode 1	Pass	AV	7.3035G	41.17	54.00	-12.83	10.08	3	Horizontal	95	1.72
Mode 1	Pass	AV	13.96825G	39.12	68.20	-29.08	18.58	3	Horizontal	158	1.50
Mode 1	Pass	PK	4.80688G	57.46	74.00	-16.54	4.21	3	Horizontal	209	1.86
Mode 1	Pass	PK	4.87402G	55.22	74.00	-18.78	4.64	3	Horizontal	124	1.25
Mode 1	Pass	PK	7.30986G	54.79	74.00	-19.21	10.06	3	Horizontal	95	1.72
Mode 1	Pass	PK	13.9659G	52.61	88.20	-35.59	18.58	3	Horizontal	158	1.50

Radiated Emissions above 1GHz_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	4.80748G	46.12	54.00	-7.88	4.22	3	Vertical	156	2.57	-	41.90	32.24	6.17	34.19
AV	4.87395G	47.70	54.00	-6.30	4.64	3	Vertical	147	2.92	-	43.06	32.60	6.21	34.17
AV	7.30948G	38.36	54.00	-15.64	10.06	3	Vertical	174	1.66	-	28.30	36.76	7.80	34.50
AV	13.97604G	39.01	68.20	-29.19	18.57	3	Vertical	167	1.38	-	20.44	39.80	11.21	32.44
PK	4.80885G	55.87	74.00	-18.13	4.23	3	Vertical	156	2.57	-	51.64	32.25	6.17	34.19
PK	4.87398G	51.28	74.00	-22.72	4.64	3	Vertical	147	2.92	-	46.64	32.60	6.21	34.17
PK	7.3136G	50.70	74.00	-23.30	10.05	3	Vertical	174	1.66	-	40.65	36.75	7.80	34.50
PK	13.96482G	52.33	88.20	-35.87	18.58	3	Vertical	167	1.38	-	33.75	39.80	11.21	32.43

Radiated Emissions above 1GHz_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	4.80751G	47.79	54.00	-6.21	4.23	3	Horizontal	209	1.86	-	43.56	32.25	6.17	34.19
AV	4.87399G	53.11	54.00	-0.89	4.64	3	Horizontal	124	1.25	-	48.47	32.60	6.21	34.17
AV	7.3035G	41.17	54.00	-12.83	10.08	3	Horizontal	95	1.72	-	31.09	36.79	7.79	34.50
AV	13.96825G	39.12	68.20	-29.08	18.58	3	Horizontal	158	1.50	-	20.54	39.80	11.21	32.43
PK	4.80688G	57.46	74.00	-16.54	4.21	3	Horizontal	209	1.86	-	53.25	32.24	6.16	34.19
PK	4.87402G	55.22	74.00	-18.78	4.64	3	Horizontal	124	1.25	-	50.58	32.60	6.21	34.17
PK	7.30986G	54.79	74.00	-19.21	10.06	3	Horizontal	95	1.72	-	44.73	36.76	7.80	34.50
PK	13.9659G	52.61	88.20	-35.59	18.58	3	Horizontal	158	1.50	-	34.03	39.80	11.21	32.43