FCC Radio Test Report

FCC ID	:	**2AUIUWF6ETBMRA**
Equipment	:	**Wyze Mesh Router Pro**
Brand Name	:	**WYZE**
Model Name	:	**WF6ETBMR**
Applicant	:	**Wyze Labs, Inc. 5808 Lake Washington Blvd NE Ste 300, Kirkland, WA 98033, USA**
Manufacturer	:	**Wyze Labs, Inc. 5808 Lake Washington Blvd NE Ste 300, Kirkland, WA 98033, USA**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Mar. 24, 2022, and testing was started from Mar. 28, 2022 and completed on Sep. 12, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR283128AC	01	Initial issue of report	Oct. 13, 2022

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	-

Note: From Sporton Project No.:FR232320AC.

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Ryan Hsiao

Report Producer: 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	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX

Beamforming

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

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	LITEON	N/A	PCB	I-PEX
2	LITEON	N/A	PCB	I-PEX
3	LITEON	N/A	PCB	I-PEX
4	LITEON	N/A	PCB	I-PEX
5	LITEON	N/A	PCB	I-PEX
6	LITEON	N/A	PCB	I-PEX

Ant.	Port	Gain (dBi)				
		2.4G	5G	BT	Zigbee	6G
1	1	4.1	4.3	-	-	-
2	2	3.6	2.9	-	-	-
3	1	-	-	4.5	-	-
4	1	-	-	-	3.7	-
5	1	-	-	-	-	3.5
6	2	-	-	-	-	3.4

Note 1: The EUT has six antennas.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

For BT function:

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

Ant. 3 (port 1) could transmit/receive

For Zigbee function:

For Zigbee mode (1TX/1RX)

Ant. 4 (port 1) could transmit/receive.

For 6GHz function:

For IEEE 802.11 ax mode (2TX/2RX)

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

1.1.3 EUT Information

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

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

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.565	2.48	652.5u	3k
802.11g_Nss1,(6Mbps)_2TX	0.919	0.37	1.435m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.924	0.34	5.448m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.924	0.34	5.447m	300

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	0.924	0.34	5.448m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.924	0.34	5.447m	300

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

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Wayne Chiu	21.7~22.1°C / 53~56%	27/Apr/2022
RF Conducted	TH06-HY	Yuna Lin	22.8~25.2°C / 49~56%	26/Apr/2022
Radiated	03CH02-HY	Lego Lin	21.5~23.6°C / 56~60%	28/Mar/2022~16/Apr/2022
☒ Wen 33rd.St. **(TAF:** 3785**)**	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated (Co-location)	03CH09-HY	Edward Wang	22.5~23.5°C / 52~62%	12/Sep/2022

Note：The tested sample of the new test item was received on August 31, 2022.

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 Date: 28/Mar/2022~27/Apr/2022

Test Items	**Uncertainty**	**Remark**
Conducted Emission (150kHz ~ 30MHz)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

Test Date: 12/Sep/2022

Test Items	Uncertainty	Remark
Emissions in Restricted Frequency Bands	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Dos 6.1

Non-Beamforming

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	20.5
2437MHz	20.5
2462MHz	20.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	18
2417MHz	19
2437MHz	22
2457MHz	19.5
2462MHz	18
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	18
2417MHz	18.5
2437MHz	21
2457MHz	19
2462MHz	17.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	16
2427MHz	16.5
2437MHz	17.5
2447MHz	16.5
2452MHz	16

Beamforming

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	18
2417MHz	18.5
2437MHz	21
2457MHz	19
2462MHz	17.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	16
2427MHz	16.5
2437MHz	17.5
2447MHz	16.5
2452MHz	16

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	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz + Bluetooth + Zigbee
Refer to Sporton Test Report No.: FA283128 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
AC Adapter	Brand Name	ASIAN POWER DEVICES INC.	Model Name	WB-24M12FU
	Power Rating	I/P: 100 - 240 Vac, 0.7 A, O/P: 12.0 Vdc, 2.0 A		
	Power Cord	1.5 meter, non-shielded cable, w/o ferrite core		

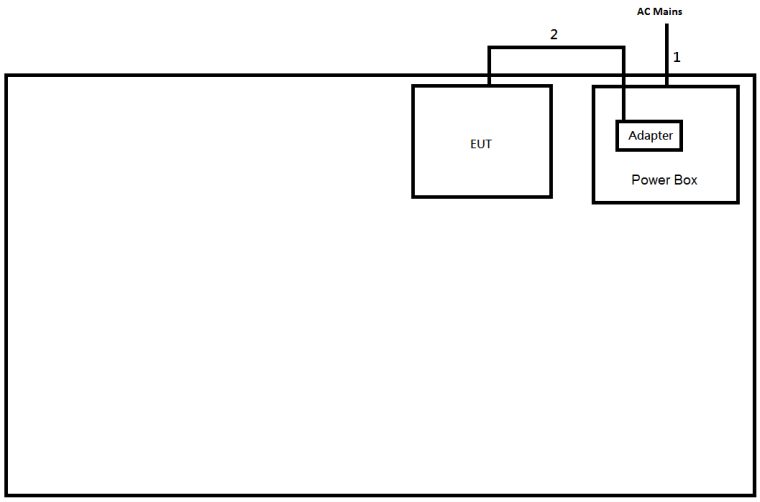
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

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

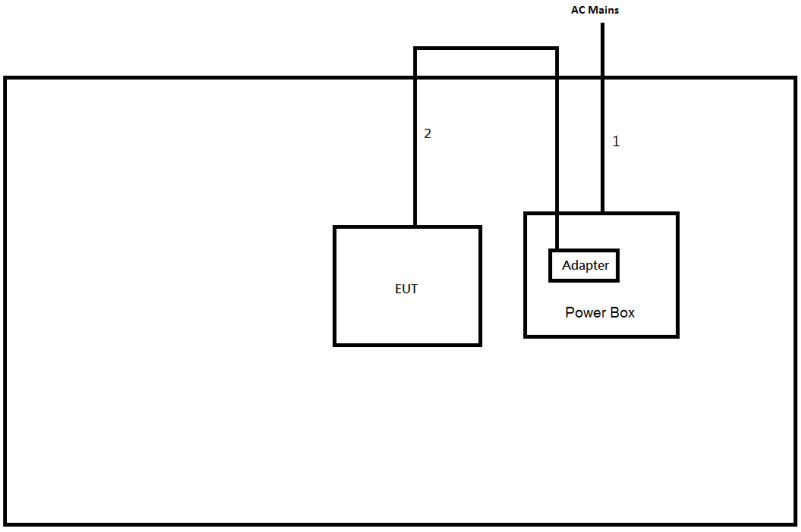
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-

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

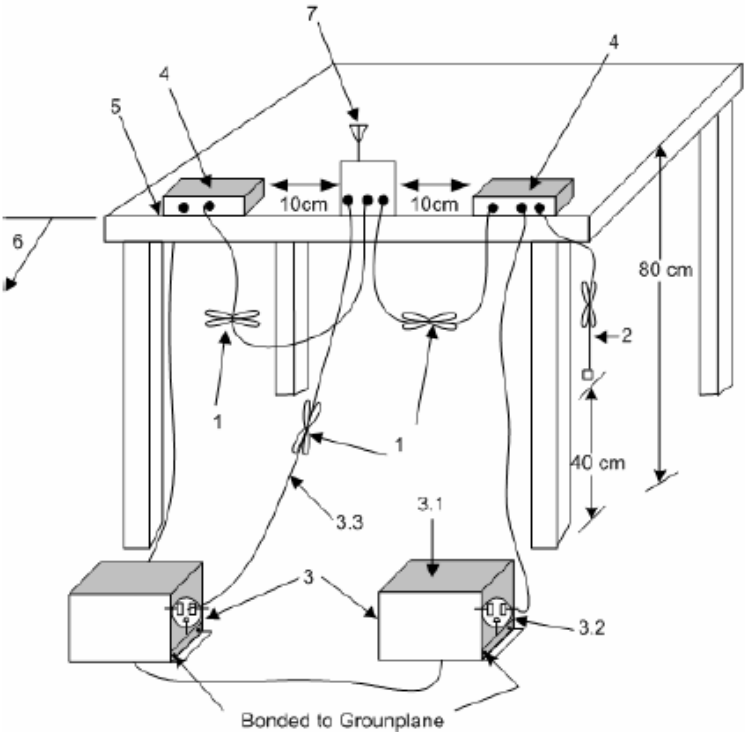
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

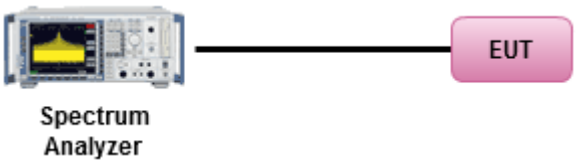
3.2.2 Measuring Instruments

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

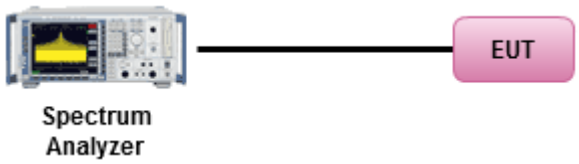
3.4.2 Measuring Instruments

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.	

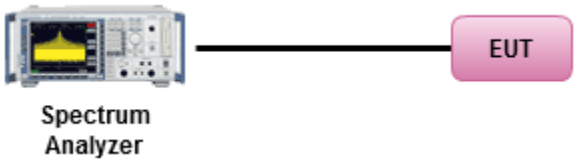
3.5.2 Measuring Instruments

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.

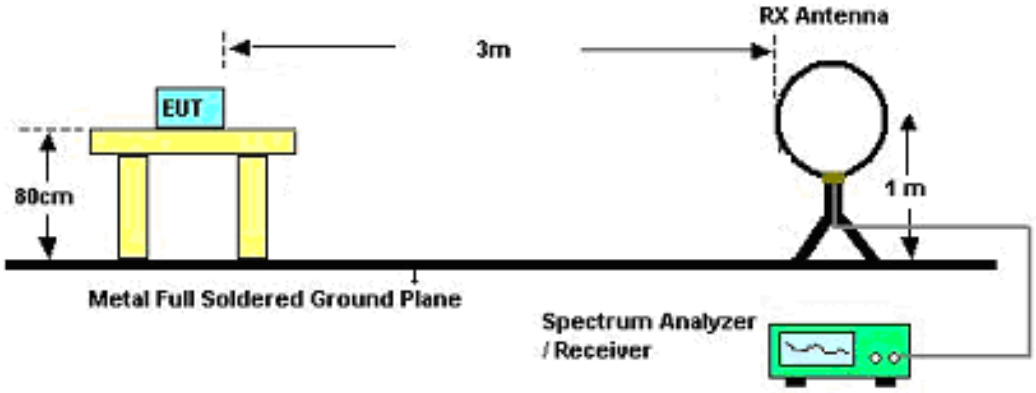
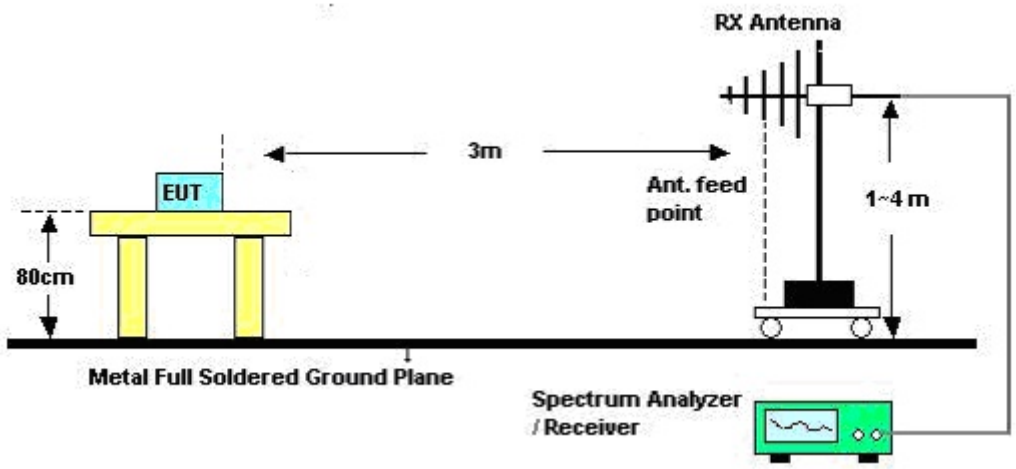
3.6.3 Test Procedures

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.

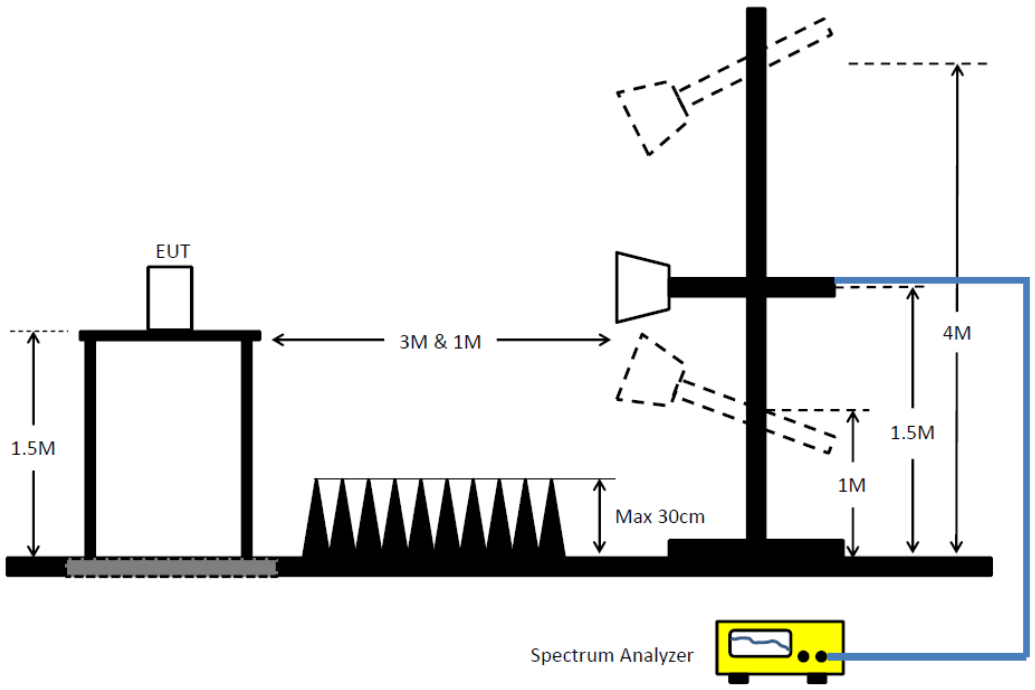
3.6.4 Measurement Results Calculation

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	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.7	-	NCR	NCR

NCR: No Calibration Required

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	02/Aug/2021	01/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	04/Jun/2021	03/Jun/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	01/Apr/2022	31/Mar/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022
SENSE-15247_DTS	Sporton	V5.10.7.15	N/A	N/A	N/A	N/A

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	20/Oct/2021	19/Oct/2022
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2022	24/Mar/2023
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2022	24/Mar/2023
SENSE-15247_DTS	Sporton	V5.10.7.17	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	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
SENSE-EMI	Sporton	V5.10.8.6	NA	NA	NA	NA

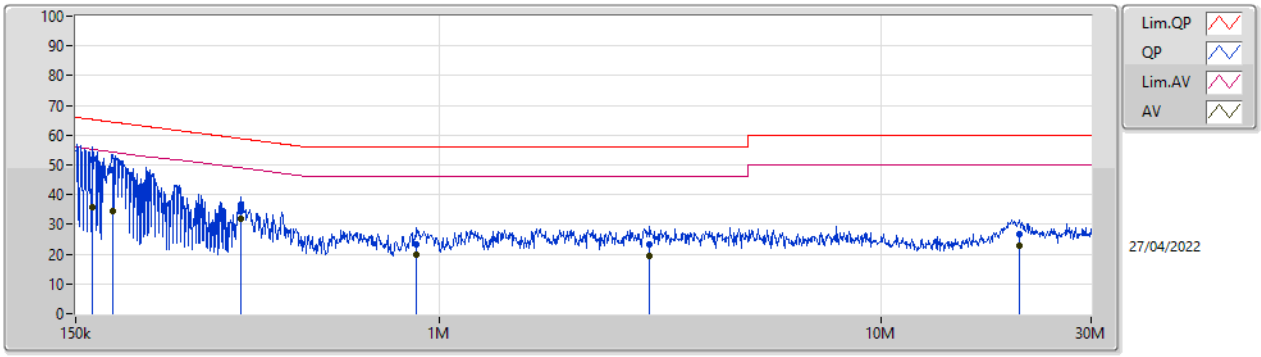
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.202k	54.05	65.92	-11.87	Neutral

Result

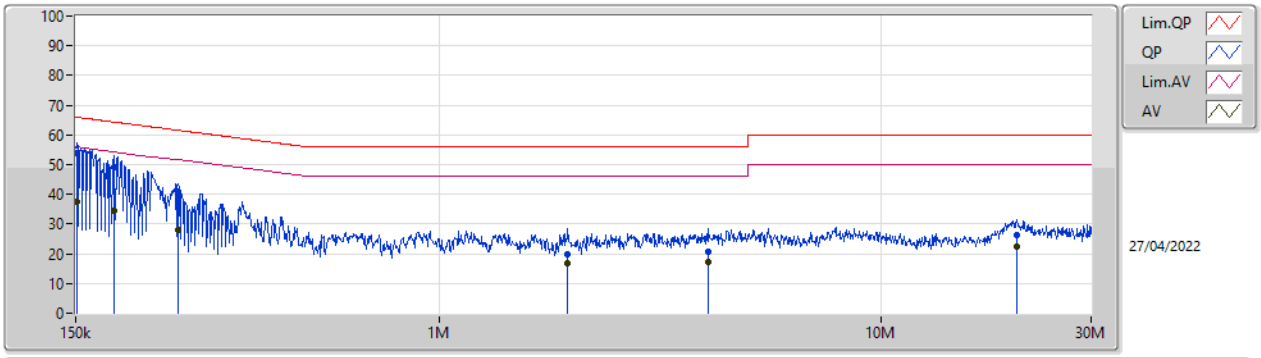
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	163.117k	51.93	65.31	-13.38	Line	-
Mode 1	Pass	AV	163.117k	35.85	55.31	-19.46	Line	-
Mode 1	Pass	QP	182.408k	48.44	64.37	-15.93	Line	-
Mode 1	Pass	AV	182.408k	34.31	54.37	-20.06	Line	-
Mode 1	Pass	QP	355.282k	36.81	58.83	-22.02	Line	-
Mode 1	Pass	AV	355.282k	31.71	48.83	-17.12	Line	-
Mode 1	Pass	QP	889.871k	23.14	56.00	-32.86	Line	-
Mode 1	Pass	AV	889.871k	19.66	46.00	-26.34	Line	-
Mode 1	Pass	QP	2.995M	23.19	56.00	-32.81	Line	-
Mode 1	Pass	AV	2.995M	19.47	46.00	-26.53	Line	-
Mode 1	Pass	QP	20.595M	26.63	60.00	-33.37	Line	-
Mode 1	Pass	AV	20.595M	22.69	50.00	-27.31	Line	-
Mode 1	Pass	QP	151.202k	54.05	65.92	-11.87	Neutral	-
Mode 1	Pass	AV	151.202k	37.44	55.92	-18.48	Neutral	-
Mode 1	Pass	QP	183.137k	49.05	64.34	-15.29	Neutral	-
Mode 1	Pass	AV	183.137k	34.54	54.34	-19.80	Neutral	-
Mode 1	Pass	QP	256.1k	40.96	61.56	-20.60	Neutral	-
Mode 1	Pass	AV	256.1k	28.09	51.56	-23.47	Neutral	-
Mode 1	Pass	QP	1.954M	19.96	56.00	-36.04	Neutral	-
Mode 1	Pass	AV	1.954M	16.60	46.00	-29.40	Neutral	-
Mode 1	Pass	QP	4.056M	20.52	56.00	-35.48	Neutral	-
Mode 1	Pass	AV	4.056M	17.40	46.00	-28.60	Neutral	-
Mode 1	Pass	QP	20.35M	26.20	60.00	-33.80	Neutral	-
Mode 1	Pass	AV	20.35M	22.38	50.00	-27.62	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	163.117k	51.93	65.31	-13.38	19.63	Line	-	32.30	9.69	0.03	9.91
AV	163.117k	35.85	55.31	-19.46	19.63	Line	-	16.22	9.69	0.03	9.91
QP	182.408k	48.44	64.37	-15.93	19.63	Line	-	28.81	9.69	0.03	9.91
AV	182.408k	34.31	54.37	-20.06	19.63	Line	-	14.68	9.69	0.03	9.91
QP	355.282k	36.81	58.83	-22.02	19.63	Line	-	17.18	9.68	0.04	9.91
AV	355.282k	31.71	48.83	-17.12	19.63	Line	-	12.08	9.68	0.04	9.91
QP	889.871k	23.14	56.00	-32.86	19.65	Line	-	3.49	9.68	0.05	9.92
AV	889.871k	19.66	46.00	-26.34	19.65	Line	-	0.01	9.68	0.05	9.92
QP	2.995M	23.19	56.00	-32.81	19.74	Line	-	3.45	9.71	0.11	9.92
AV	2.995M	19.47	46.00	-26.53	19.74	Line	-	-0.27	9.71	0.11	9.92
QP	20.595M	26.63	60.00	-33.37	20.00	Line	-	6.63	9.79	0.28	9.93
AV	20.595M	22.69	50.00	-27.31	20.00	Line	-	2.69	9.79	0.28	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	151.202k	54.05	65.92	-11.87	19.67	Neutral	-	34.38	9.73	0.03	9.91
AV	151.202k	37.44	55.92	-18.48	19.67	Neutral	-	17.77	9.73	0.03	9.91
QP	183.137k	49.05	64.34	-15.29	19.66	Neutral	-	29.39	9.72	0.03	9.91
AV	183.137k	34.54	54.34	-19.80	19.66	Neutral	-	14.88	9.72	0.03	9.91
QP	256.1k	40.96	61.56	-20.60	19.66	Neutral	-	21.30	9.72	0.03	9.91
AV	256.1k	28.09	51.56	-23.47	19.66	Neutral	-	8.43	9.72	0.03	9.91
QP	1.954M	19.96	56.00	-36.04	19.74	Neutral	-	0.22	9.74	0.08	9.92
AV	1.954M	16.60	46.00	-29.40	19.74	Neutral	-	-3.14	9.74	0.08	9.92
QP	4.056M	20.52	56.00	-35.48	19.81	Neutral	-	0.71	9.76	0.13	9.92
AV	4.056M	17.40	46.00	-28.60	19.81	Neutral	-	-2.41	9.76	0.13	9.92
QP	20.35M	26.20	60.00	-33.80	20.20	Neutral	-	6.00	10.00	0.27	9.93
AV	20.35M	22.38	50.00	-27.62	20.20	Neutral	-	2.18	10.00	0.27	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)_2TX	8.025M	13.068M	13M1G1D	7.075M	12.969M
802.11g_Nss1,(6Mbps)_2TX	15.1M	17.016M	17M0D1D	15M	16.292M
802.11ax HEW20_Nss1,(MCS0)_2TX	16M	18.941M	18M9D1D	12.55M	18.816M
802.11ax HEW40_Nss1,(MCS0)_2TX	36.5M	37.681M	37M7D1D	32.5M	37.481M

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

Result

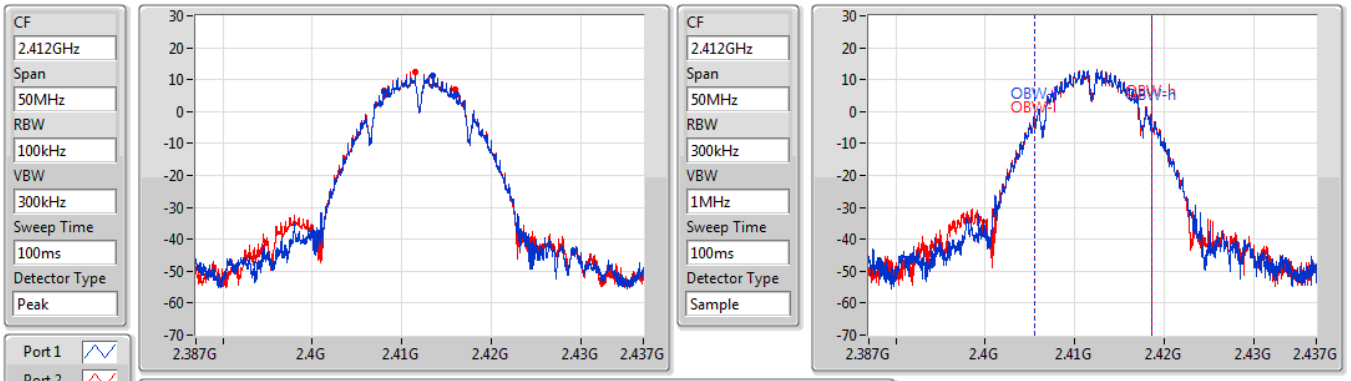
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.025M	13.043M	8M	13.068M
2437MHz	Pass	500k	8.025M	13.068M	7.575M	12.994M
2462MHz	Pass	500k	7.075M	12.994M	7.975M	12.969M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.075M	16.292M	15.1M	16.317M
2437MHz	Pass	500k	15M	16.742M	15.075M	17.016M
2462MHz	Pass	500k	15.1M	16.292M	15M	16.292M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.35M	18.816M	12.55M	18.866M
2437MHz	Pass	500k	16M	18.941M	14.975M	18.916M
2462MHz	Pass	500k	15.075M	18.841M	15.075M	18.816M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	33.35M	37.631M	34.2M	37.531M
2437MHz	Pass	500k	32.5M	37.581M	33.9M	37.631M
2452MHz	Pass	500k	36.5M	37.681M	33.85M	37.481M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

26/04/2022

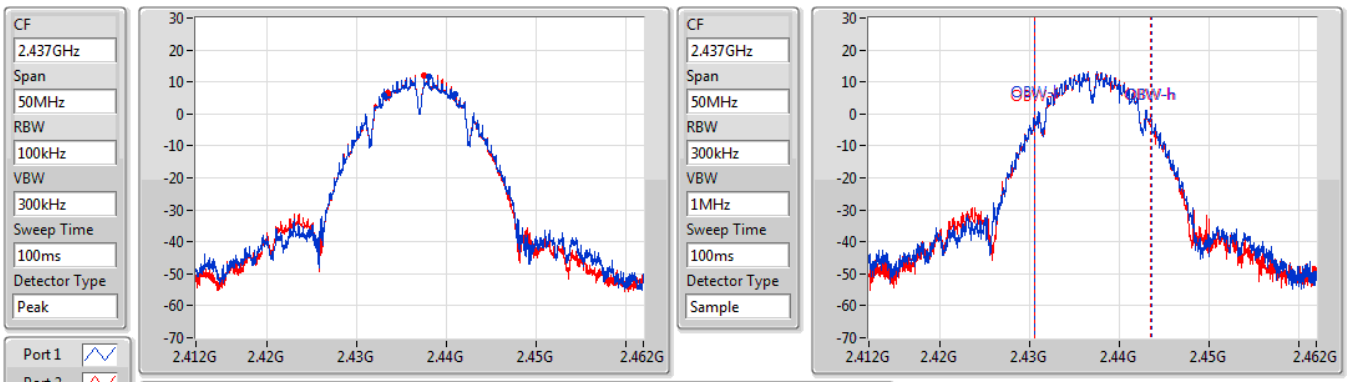


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.408025G	2.41605G	13.043M	2.405503G	2.418547G	500k	1
8M	2.408G	2.416G	13.068M	2.405503G	2.418572G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

26/04/2022

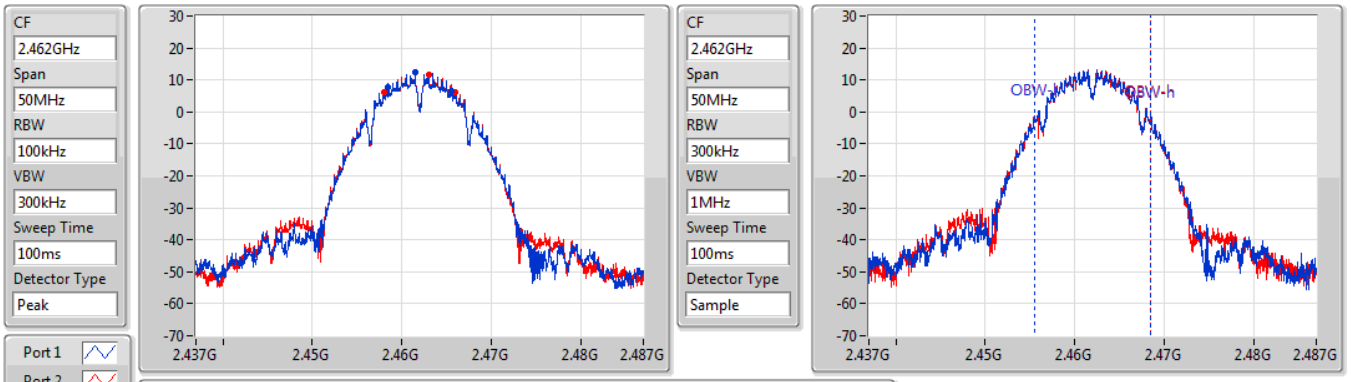


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.432975G	2.441G	13.068M	2.430478G	2.443547G	500k	1
7.575M	2.43345G	2.441025G	12.994M	2.430503G	2.443497G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

26/04/2022

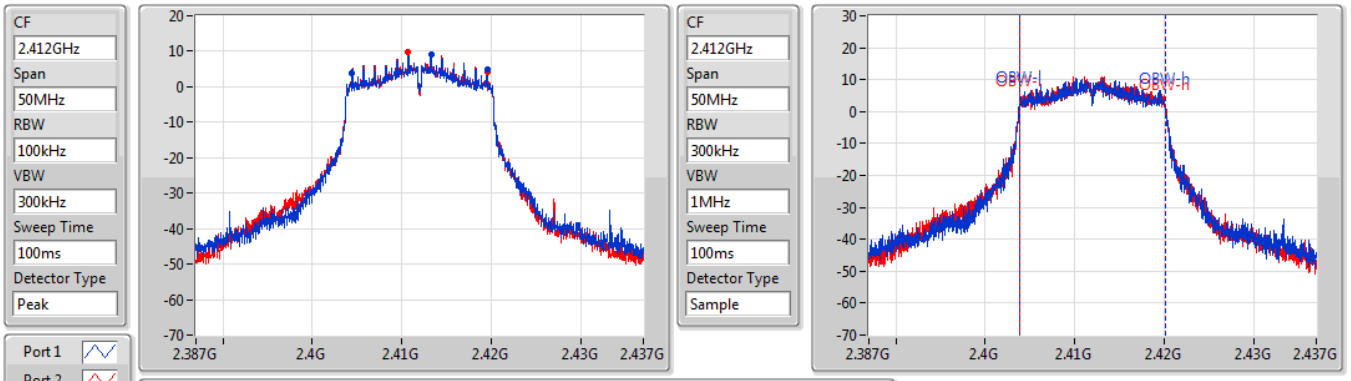


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.458475G	2.46555G	12.994M	2.455503G	2.468497G	500k	1
7.975M	2.458G	2.465975G	12.969M	2.455478G	2.468447G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

26/04/2022

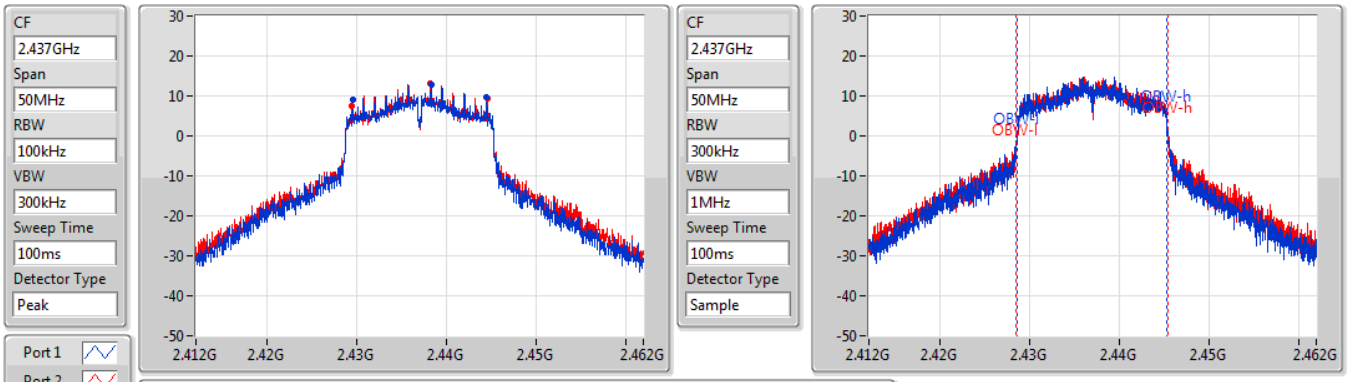


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.40445G	2.419525G	16.292M	2.403829G	2.420121G	500k	1
15.1M	2.40445G	2.41955G	16.317M	2.403829G	2.420146G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

26/04/2022

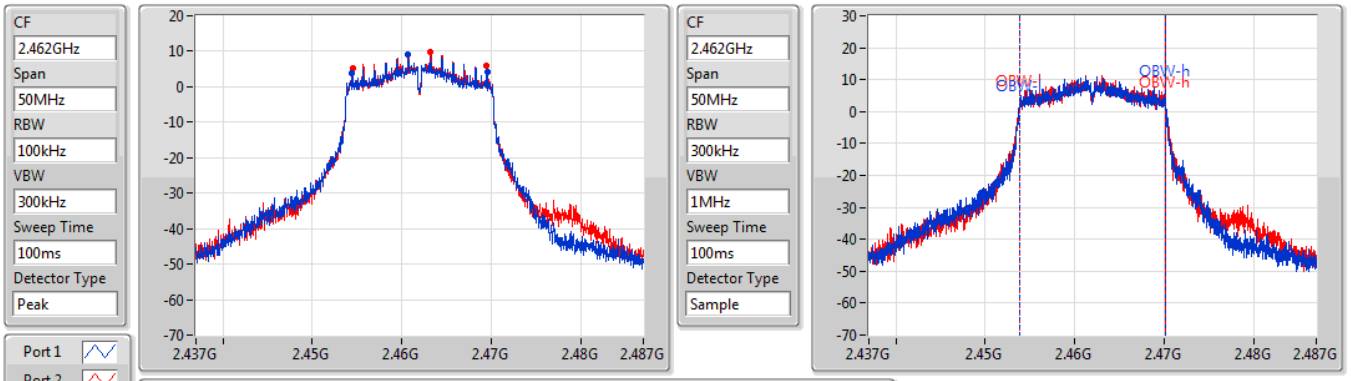


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.4295G	2.4445G	16.742M	2.428579G	2.445321G	500k	1
15.075M	2.42945G	2.444525G	17.016M	2.428404G	2.445421G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

26/04/2022

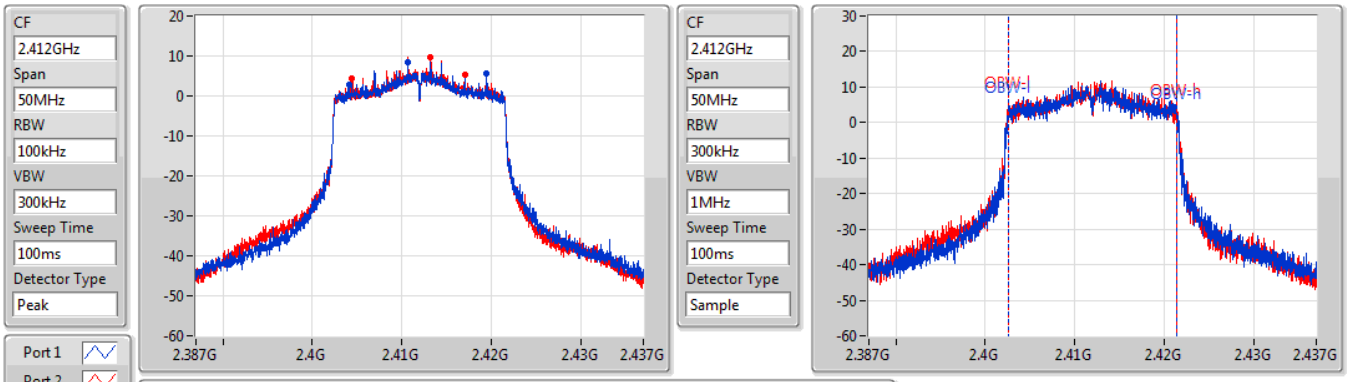


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.45445G	2.46955G	16.292M	2.453829G	2.470121G	500k	1
15M	2.4545G	2.4695G	16.292M	2.453854G	2.470146G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

26/04/2022

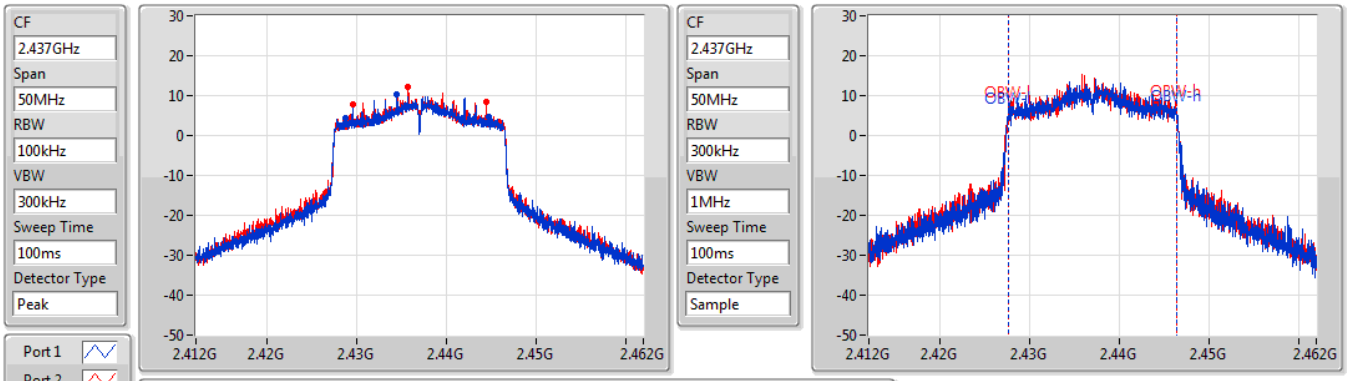


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.35M	2.40415G	2.4195G	18.816M	2.40258G	2.421395G	500k	1
12.55M	2.404475G	2.417025G	18.866M	2.402555G	2.42142G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

26/04/2022

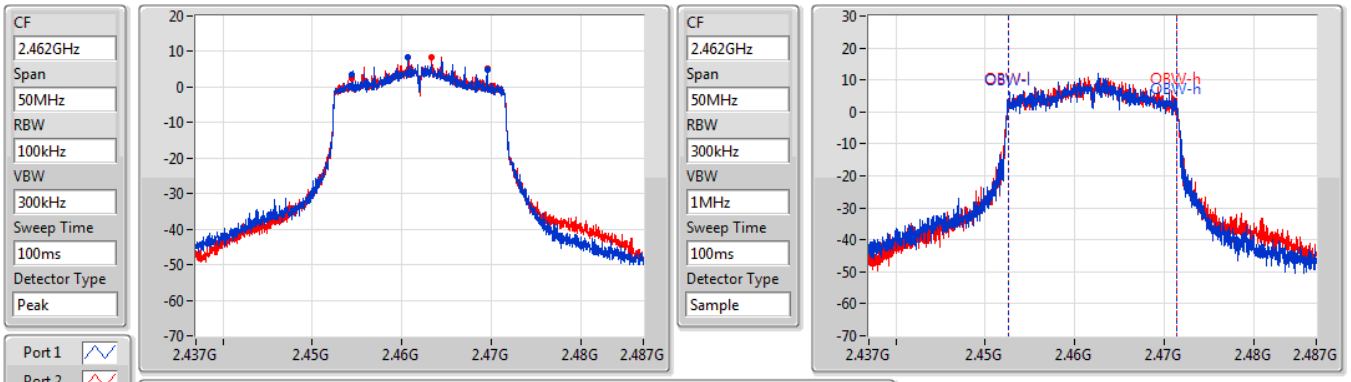


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16M	2.428775G	2.444775G	18.941M	2.42753G	2.44647G	500k	1
14.975M	2.429525G	2.4445G	18.916M	2.42753G	2.446445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2462MHz

26/04/2022

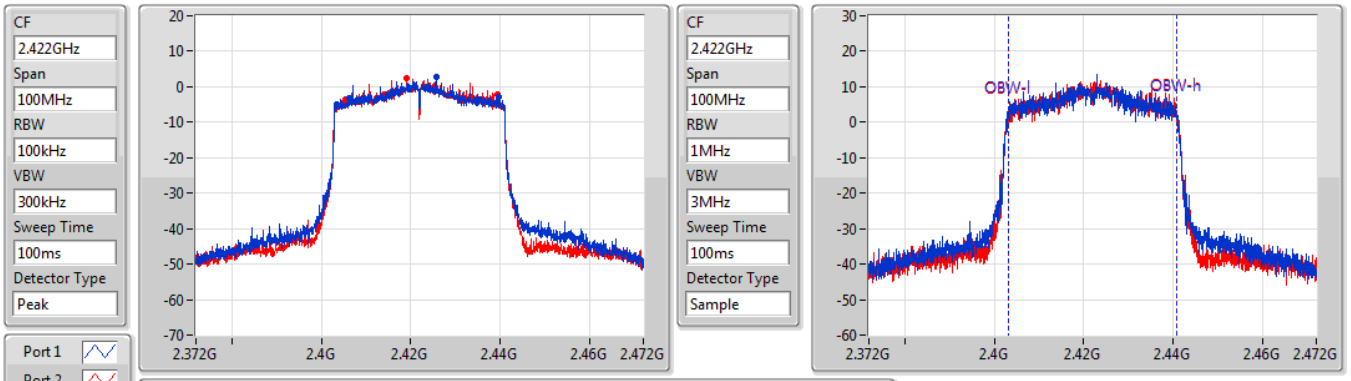


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.45445G	2.469525G	18.841M	2.452555G	2.471395G	500k	1
15.075M	2.45445G	2.469525G	18.816M	2.45258G	2.471395G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2422MHz

26/04/2022

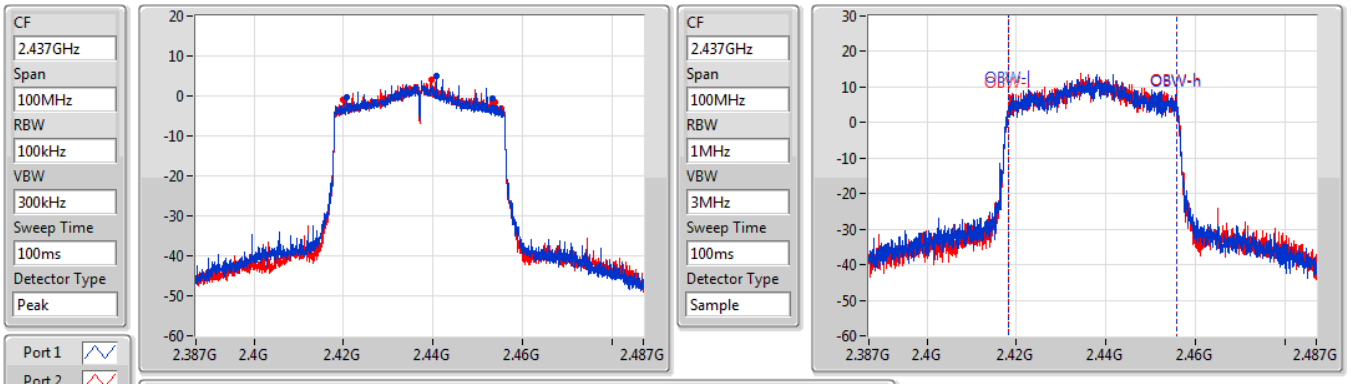


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.35M	2.4062G	2.43955G	37.631M	2.403159G	2.440791G	500k	1
34.2M	2.4053G	2.4395G	37.531M	2.403209G	2.440741G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2437MHz

26/04/2022

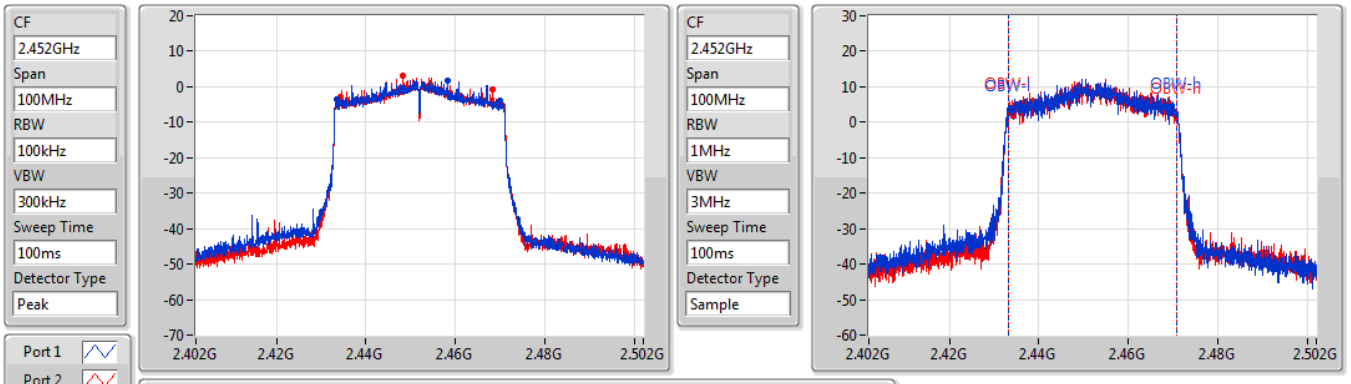


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.5M	2.4208G	2.4533G	37.581M	2.418209G	2.455791G	500k	1
33.9M	2.41995G	2.45385G	37.631M	2.418209G	2.455841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2452MHz

26/04/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.5M	2.43355G	2.47005G	37.681M	2.433109G	2.470791G	500k	1
33.85M	2.43445G	2.4683G	37.481M	2.433259G	2.470741G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.71	0.23496
802.11g_Nss1,(6Mbps)_2TX	25.26	0.33574
802.11ax HEW20_Nss1,(MCS0)_2TX	24.16	0.26062
802.11ax HEW40_Nss1,(MCS0)_2TX	20.73	0.11830

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.10	20.58	20.81	23.71	30.00
2437MHz	Pass	4.10	20.54	20.80	23.68	30.00
2462MHz	Pass	4.10	20.57	20.81	23.70	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.10	18.41	18.59	21.51	30.00
2417MHz	Pass	4.10	19.39	19.47	22.44	30.00
2437MHz	Pass	4.10	22.17	22.32	25.26	30.00
2457MHz	Pass	4.10	19.84	19.98	22.92	30.00
2462MHz	Pass	4.10	18.37	18.54	21.47	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.10	18.20	18.47	21.35	30.00
2417MHz	Pass	4.10	18.71	18.93	21.83	30.00
2437MHz	Pass	4.10	21.12	21.18	24.16	30.00
2457MHz	Pass	4.10	19.19	19.30	22.26	30.00
2462MHz	Pass	4.10	17.74	17.91	20.84	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.10	16.37	16.36	19.38	30.00
2427MHz	Pass	4.10	16.83	16.88	19.87	30.00
2437MHz	Pass	4.10	17.58	17.86	20.73	30.00
2447MHz	Pass	4.10	16.99	16.92	19.97	30.00
2452MHz	Pass	4.10	16.43	16.43	19.44	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	24.12	0.25823
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.68	0.11695

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.86	18.18	18.43	21.32	29.14
2417MHz	Pass	6.86	18.68	18.83	21.77	29.14
2437MHz	Pass	6.86	21.11	21.10	24.12	29.14
2457MHz	Pass	6.86	19.14	19.21	22.19	29.14
2462MHz	Pass	6.86	17.67	17.85	20.77	29.14
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.86	16.31	16.29	19.31	29.14
2427MHz	Pass	6.86	16.82	16.78	19.81	29.14
2437MHz	Pass	6.86	17.48	17.85	20.68	29.14
2447MHz	Pass	6.86	16.98	16.89	19.95	29.14
2452MHz	Pass	6.86	16.35	16.35	19.36	29.14

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.93
802.11g_Nss1,(6Mbps)_2TX	-1.68
802.11ax HEW20_Nss1,(MCS0)_2TX	-1.80
802.11ax HEW40_Nss1,(MCS0)_2TX	-7.51

RBW = 3kHz;

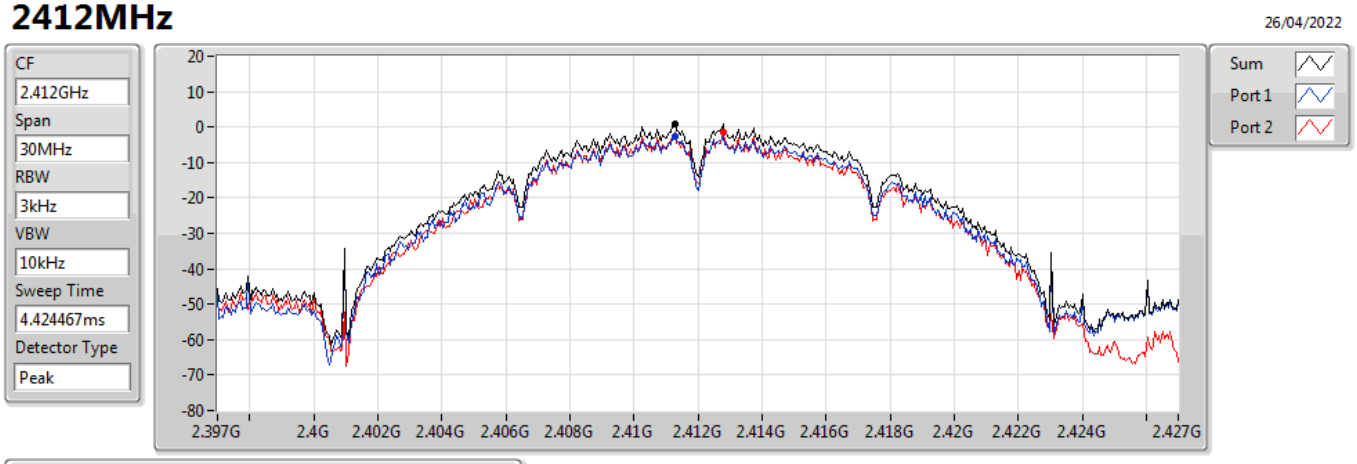
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.86	-2.74	-1.49	0.93	7.14
2437MHz	Pass	6.86	-2.51	-1.68	0.17	7.14
2462MHz	Pass	6.86	-2.18	-2.09	0.41	7.14
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.86	-6.83	-8.03	-4.79	7.14
2437MHz	Pass	6.86	-4.56	-4.31	-1.68	7.14
2462MHz	Pass	6.86	-6.64	-7.02	-4.63	7.14
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.86	-7.34	-6.82	-4.48	7.14
2437MHz	Pass	6.86	-3.30	-4.42	-1.80	7.14
2462MHz	Pass	6.86	-6.52	-7.68	-4.30	7.14
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.86	-9.19	-10.79	-8.82	7.14
2437MHz	Pass	6.86	-9.75	-9.36	-7.51	7.14
2452MHz	Pass	6.86	-10.26	-10.92	-8.67	7.14

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;

802.11b_Nss1,(1Mbps)_2TX PSD

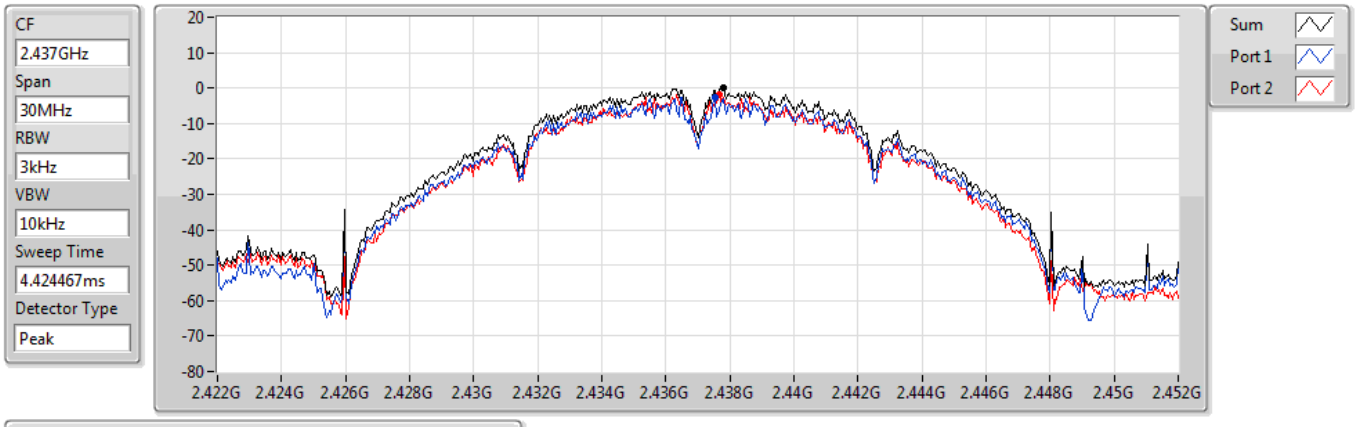
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.93	0.93	-2.74	-1.49

802.11b_Nss1,(1Mbps)_2TX PSD

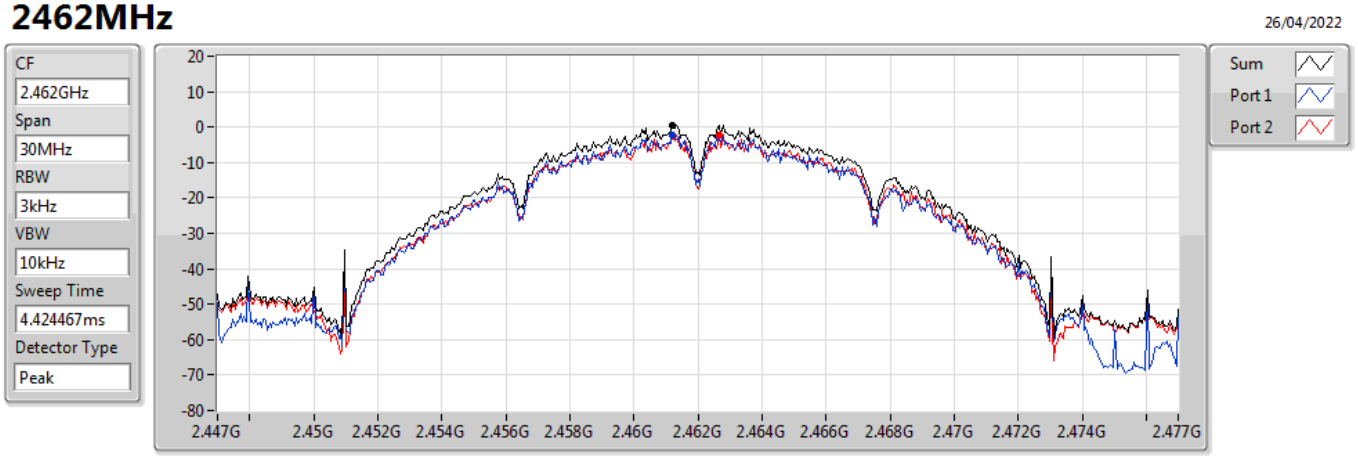
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.17	0.17	-2.51	-1.68

802.11b_Nss1,(1Mbps)_2TX PSD

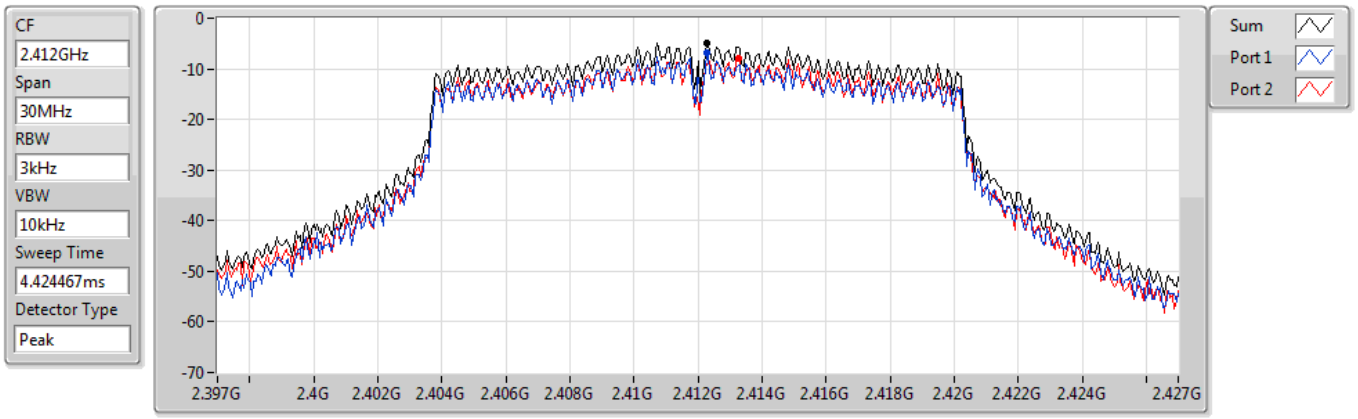
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.41	0.41	-2.18	-2.09

802.11g_Nss1,(6Mbps)_2TX PSD

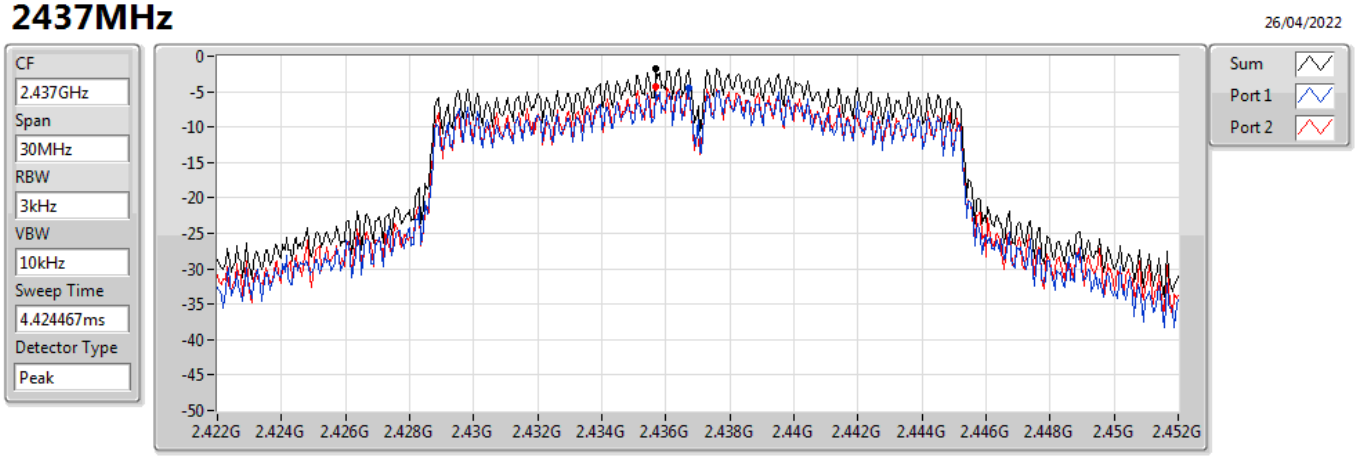
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.79	-4.79	-6.83	-8.03

802.11g_Nss1,(6Mbps)_2TX PSD

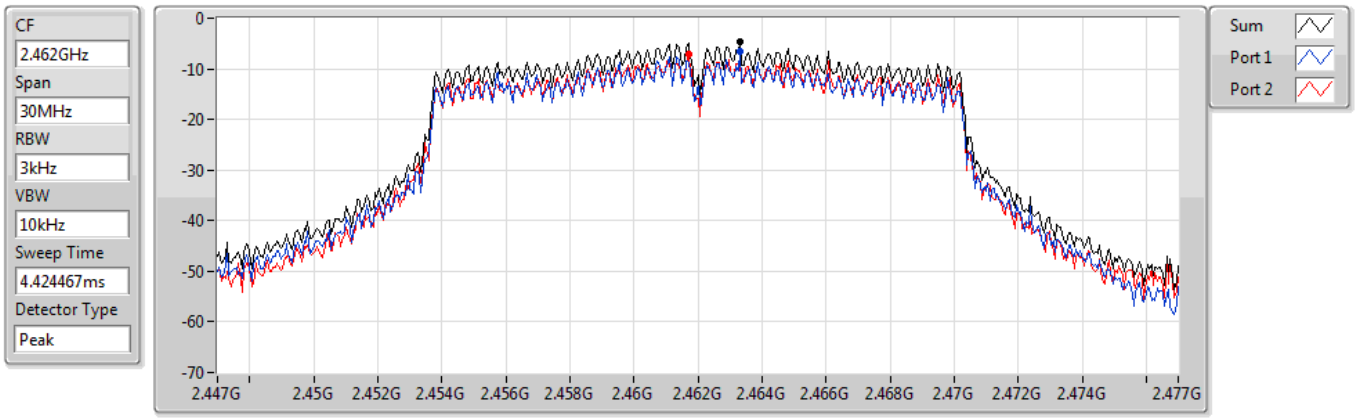
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.68	-1.68	-4.56	-4.31

802.11g_Nss1,(6Mbps)_2TX PSD

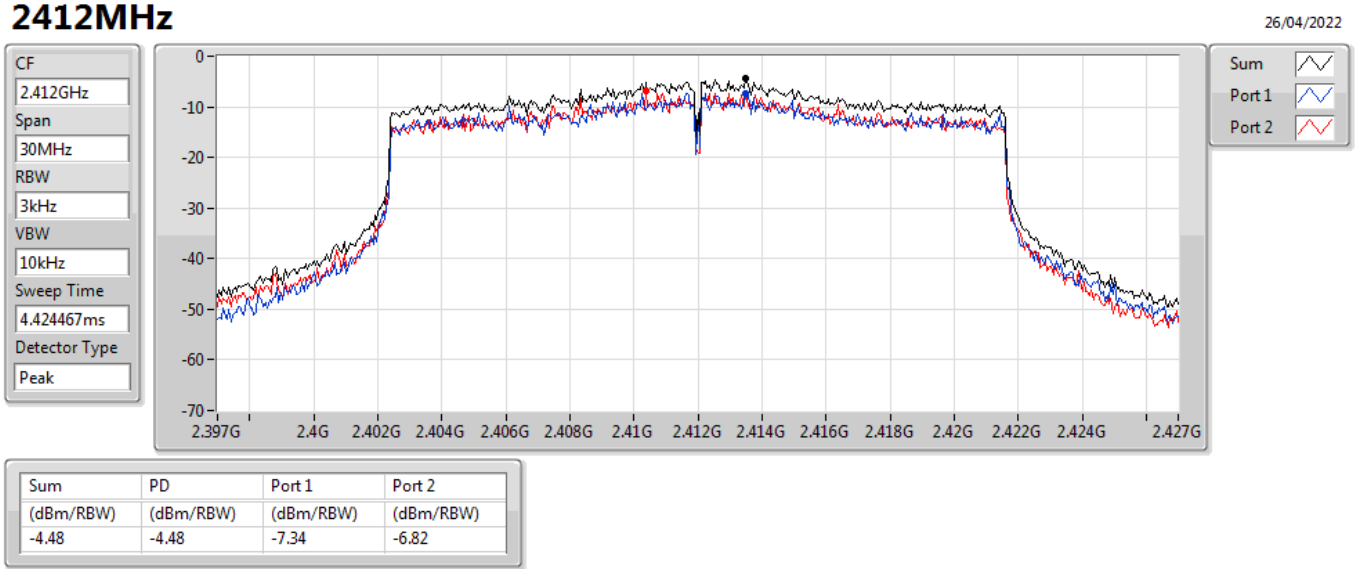
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.63	-4.63	-6.64	-7.02

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

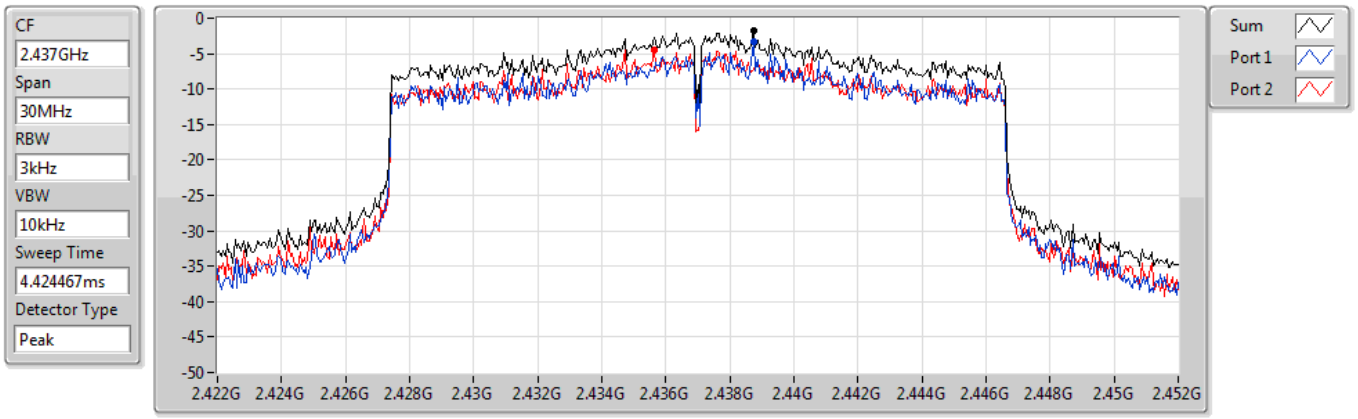
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.48	-4.48	-7.34	-6.82

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

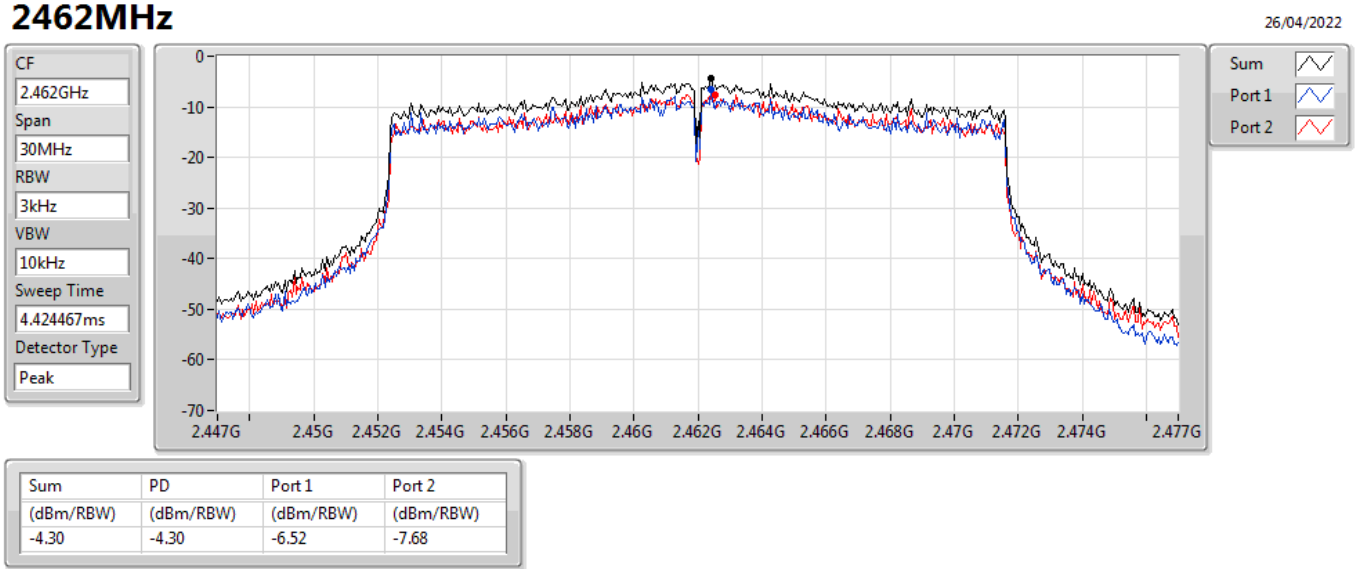
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.80	-1.80	-3.30	-4.42

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

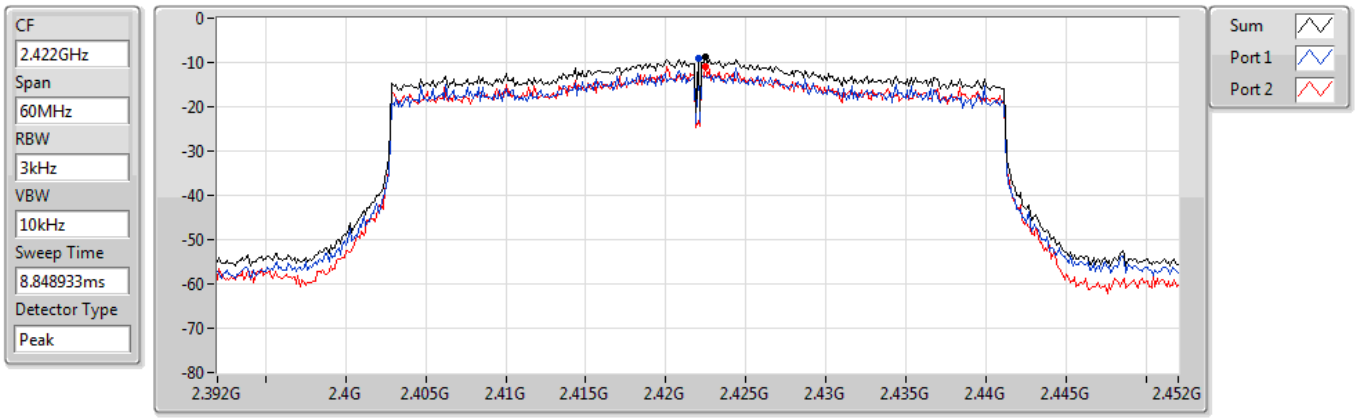
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.30	-4.30	-6.52	-7.68

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

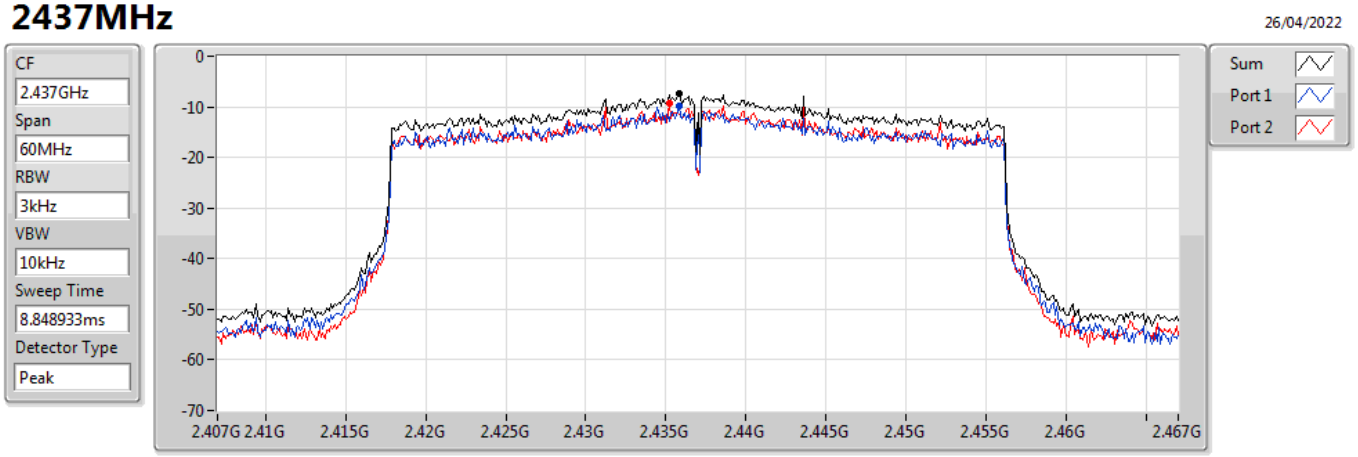
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.82	-8.82	-9.19	-10.79

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

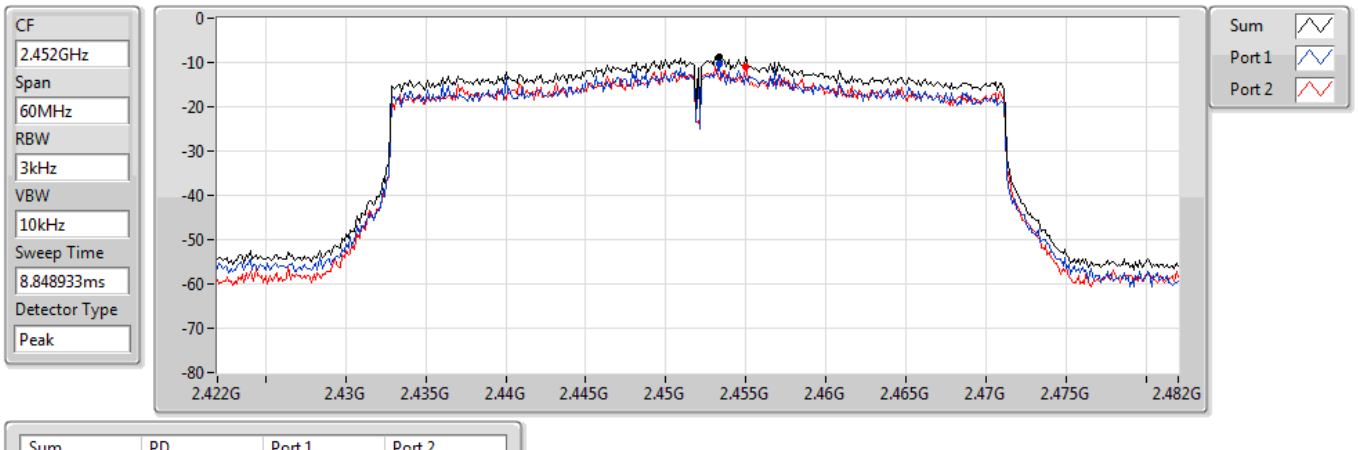
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.51	-7.51	-9.75	-9.36

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.67	-8.67	-10.26	-10.92

Summary

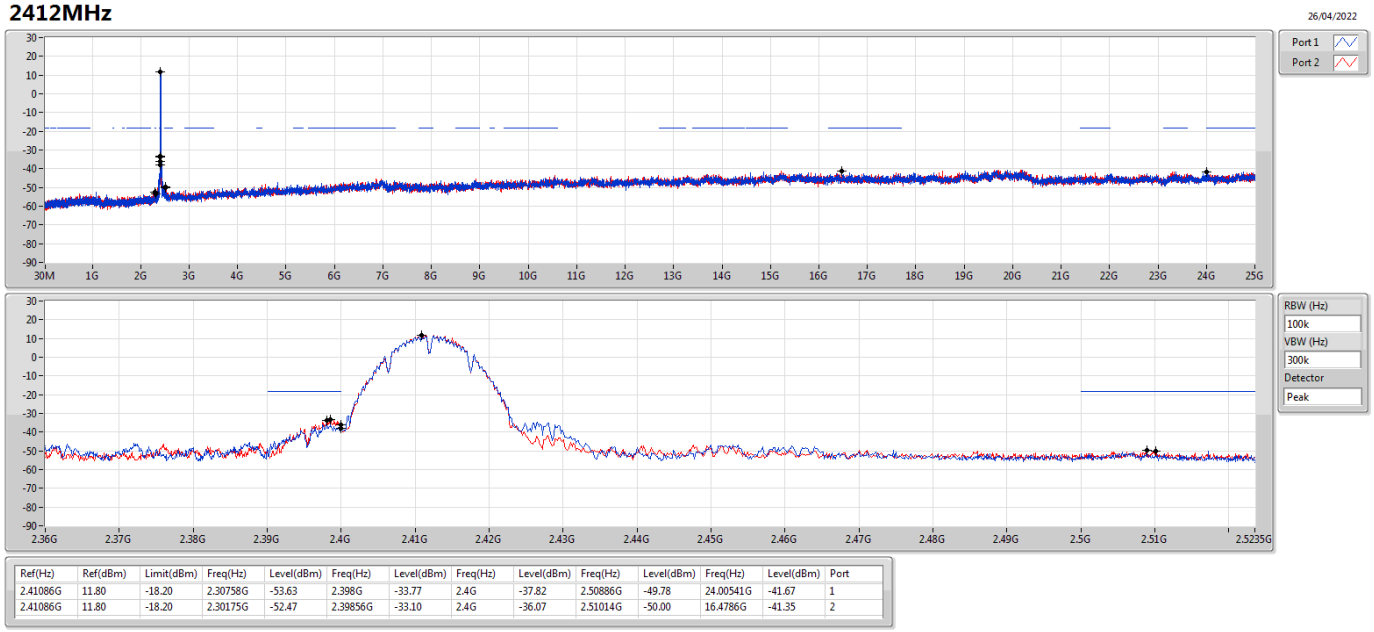
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41086G	11.80	-18.20	2.30175G	-52.47	2.39856G	-33.10	2.4G	-36.07	2.51014G	-50.00	16.4786G	-41.35	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	13.30	-16.70	2.30991G	-52.25	2.39992G	-27.97	2.4G	-27.94	2.51566G	-49.99	24.56452G	-41.25	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43824G	12.09	-17.91	2.12817G	-53.21	2.39976G	-26.94	2.4G	-27.71	2.5059G	-50.00	16.55165G	-41.60	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.44075G	5.07	-24.93	2.30741G	-51.94	2.39968G	-34.92	2.4G	-34.85	2.51454G	-49.43	21.64013G	-41.88	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41086G	11.80	-18.20	2.30758G	-53.63	2.398G	-33.77	2.4G	-37.82	2.50886G	-49.78	24.00541G	-41.67	1
2412MHz	Pass	2.41086G	11.80	-18.20	2.30175G	-52.47	2.39856G	-33.10	2.4G	-36.07	2.51014G	-50.00	16.4786G	-41.35	2
2437MHz	Pass	2.41086G	11.80	-18.20	2.01283G	-53.79	2.39552G	-49.10	2.4G	-52.43	2.50798G	-50.45	15.28172G	-41.97	1
2437MHz	Pass	2.41086G	11.80	-18.20	2.11652G	-54.28	2.3908G	-48.72	2.4G	-51.18	2.50102G	-48.96	21.90105G	-40.49	2
2462MHz	Pass	2.41086G	11.80	-18.20	854.82M	-53.77	2.4G	-50.15	2.4G	-49.58	2.51302G	-46.78	24.84547G	-41.26	1
2462MHz	Pass	2.41086G	11.80	-18.20	2.15263G	-53.31	2.39896G	-49.61	2.4G	-50.10	2.50998G	-45.02	24.74433G	-40.96	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	13.30	-16.70	2.30408G	-53.48	2.39992G	-29.34	2.4G	-28.74	2.50646G	-49.73	16.88317G	-42.08	1
2412MHz	Pass	2.43824G	13.30	-16.70	2.30991G	-52.25	2.39992G	-27.97	2.4G	-27.94	2.51566G	-49.99	24.56452G	-41.25	2
2437MHz	Pass	2.43824G	13.30	-16.70	2.19224G	-53.18	2.39952G	-36.11	2.4G	-37.80	2.50014G	-47.10	16.76236G	-41.35	1
2437MHz	Pass	2.43824G	13.30	-16.70	2.13865G	-53.93	2.39992G	-32.21	2.4G	-32.11	2.50214G	-42.78	15.22272G	-41.28	2
2462MHz	Pass	2.43824G	13.30	-16.70	2.17244G	-53.34	2.39768G	-50.47	2.4G	-51.63	2.50326G	-47.38	16.37183G	-41.65	1
2462MHz	Pass	2.43824G	13.30	-16.70	2.10021G	-53.20	2.3964G	-50.02	2.4G	-51.20	2.50446G	-47.01	23.42945G	-40.85	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	12.09	-17.91	2.30641G	-52.60	2.39992G	-26.96	2.4G	-28.31	2.50542G	-50.02	15.23677G	-41.46	1
2412MHz	Pass	2.43824G	12.09	-17.91	2.12817G	-53.21	2.39976G	-26.94	2.4G	-27.71	2.5059G	-50.00	16.55165G	-41.60	2
2437MHz	Pass	2.43824G	12.09	-17.91	2.30991G	-52.45	2.39896G	-35.52	2.4G	-37.38	2.50398G	-43.26	15.23396G	-40.88	1
2437MHz	Pass	2.43824G	12.09	-17.91	2.17943G	-53.09	2.39928G	-36.39	2.4G	-37.84	2.50062G	-46.79	24.02508G	-41.52	2
2462MHz	Pass	2.43824G	12.09	-17.91	2.1037G	-53.79	2.39912G	-50.63	2.4G	-51.82	2.50262G	-48.80	17.60804G	-40.87	1
2462MHz	Pass	2.43824G	12.09	-17.91	1.98138G	-53.60	2.39256G	-51.03	2.4G	-52.99	2.50446G	-48.53	24.11499G	-41.12	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	5.07	-24.93	2.30741G	-51.94	2.39968G	-34.92	2.4G	-34.85	2.51454G	-49.43	21.64013G	-41.88	1
2422MHz	Pass	2.44075G	5.07	-24.93	2.30626G	-53.25	2.39712G	-37.13	2.4G	-37.77	2.54398G	-48.95	24.74478G	-41.63	2
2437MHz	Pass	2.44075G	5.07	-24.93	2.30054G	-52.11	2.39952G	-38.22	2.4G	-38.27	2.51198G	-48.07	15.2233G	-41.18	1
2437MHz	Pass	2.44075G	5.07	-24.93	2.30054G	-52.32	2.39952G	-36.72	2.4G	-40.68	2.5051G	-48.98	24.92989G	-41.72	2
2452MHz	Pass	2.44075G	5.07	-24.93	2.30512G	-52.71	2.39232G	-46.03	2.4G	-48.46	2.51566G	-45.51	24.6915G	-41.55	1
2452MHz	Pass	2.44075G	5.07	-24.93	885.32M	-53.23	2.39904G	-49.30	2.4G	-49.77	2.5019G	-45.97	17.59876G	-41.11	2

802.11b_Nss1,(1Mbps)_2TX **CSENdB**

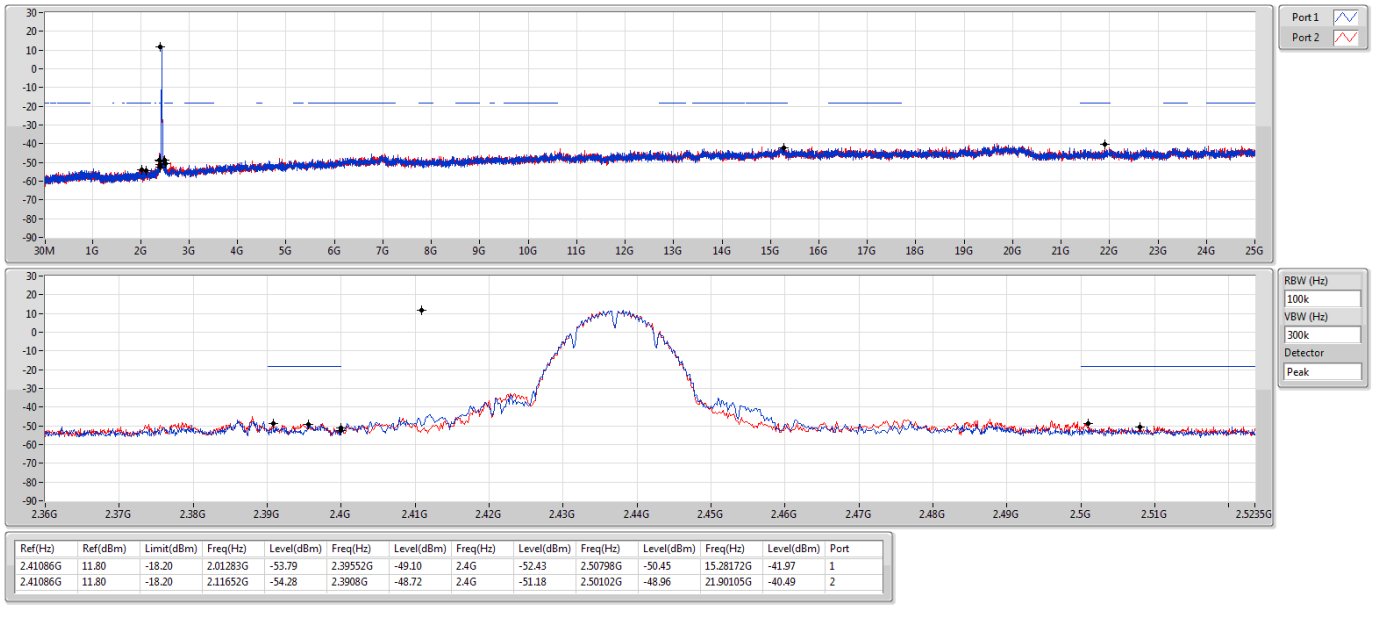
2412MHz



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
2.41086G	11.80	-18.20	2.30758G	-53.63	2.398G	-33.77	2.4G	-37.82	2.50886G	-49.78	24.00541G	-41.67	1
2.41086G	11.80	-18.20	2.30175G	-52.47	2.39856G	-33.10	2.4G	-36.07	2.51014G	-50.00	16.4786G	-41.35	2

802.11b_Nss1,(1Mbps)_2TX **CSENdB**

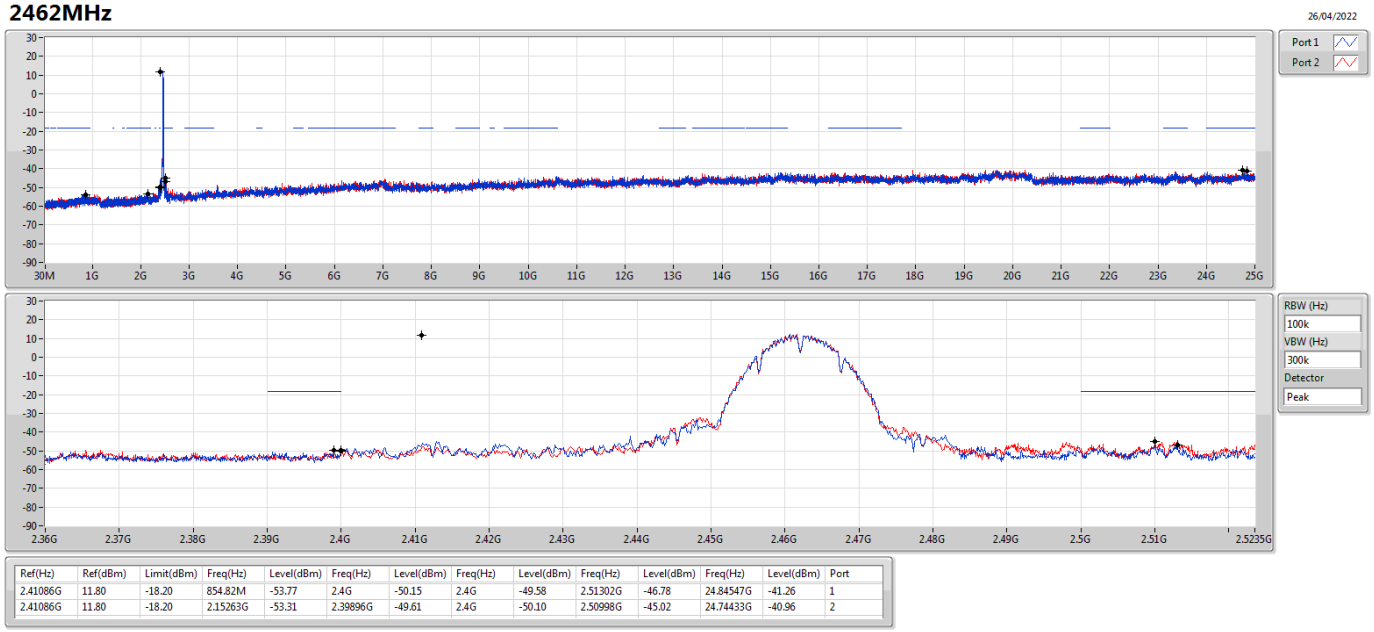
2437MHz



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
2.41086G	11.80	-18.20	2.01283G	-53.79	2.39552G	-49.10	2.4G	-52.43	2.50798G	-50.45	15.28172G	-41.97	1
2.41086G	11.80	-18.20	2.11652G	-54.28	2.3908G	-48.72	2.4G	-51.18	2.50102G	-48.96	21.90105G	-40.49	2

802.11b_Nss1,(1Mbps)_2TX **CSENdB**

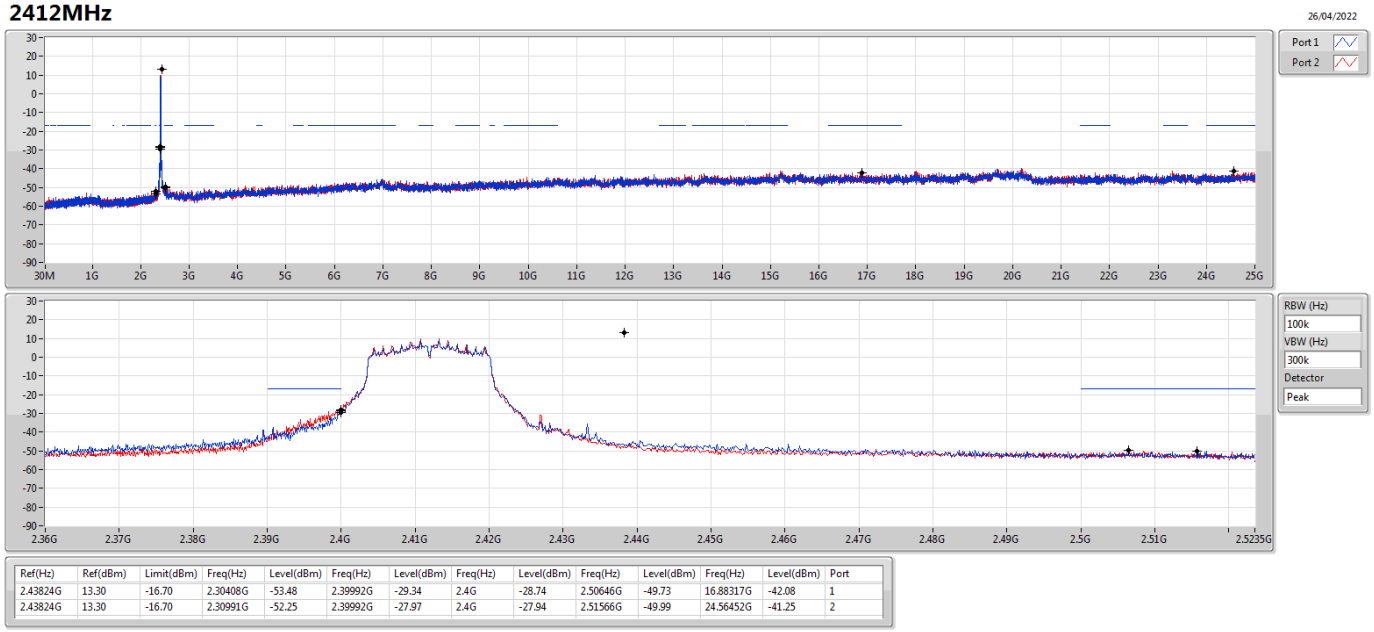
2462MHz



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
2.41086G	11.80	-18.20	854.82M	-53.77	2.4G	-50.15	2.4G	-49.58	2.51302G	-46.78	24.84547G	-41.26	1
2.41086G	11.80	-18.20	2.15263G	-53.31	2.39896G	-49.61	2.4G	-50.10	2.50998G	-45.02	24.74433G	-40.96	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

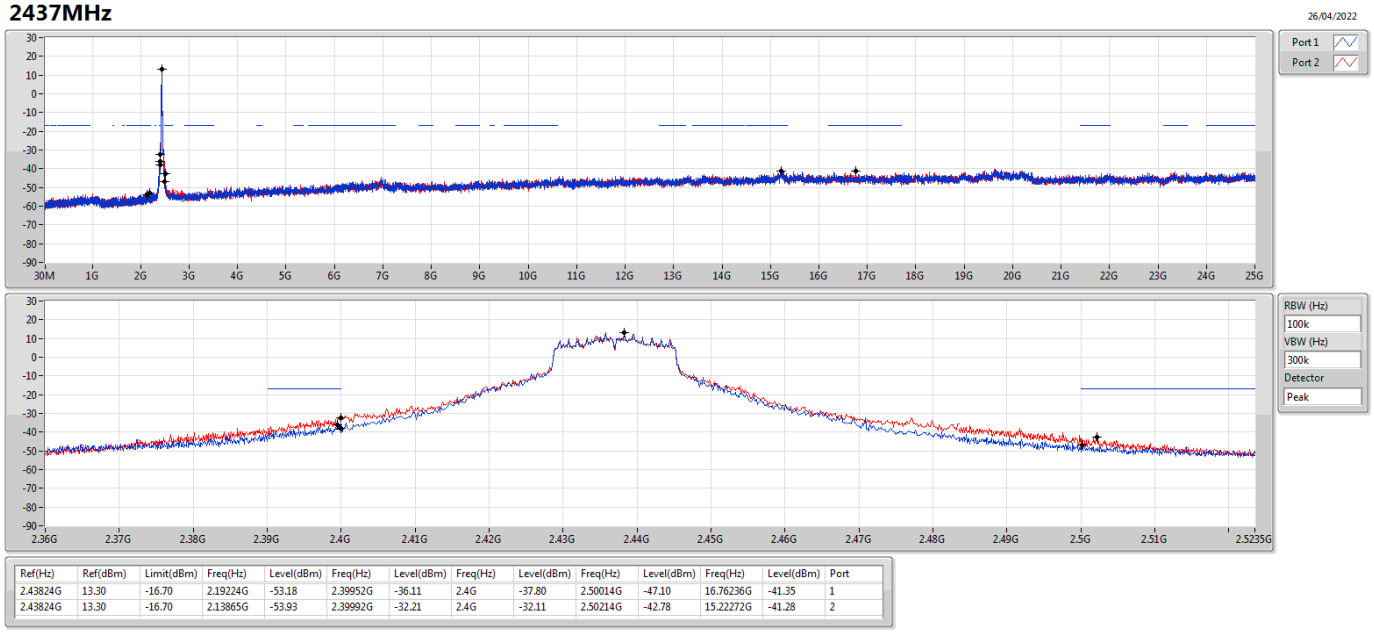
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	13.30	-16.70	2.30408G	-53.48	2.39992G	-29.34	2.4G	-28.74	2.50646G	-49.73	16.88317G	-42.08	1
2.43824G	13.30	-16.70	2.30991G	-52.25	2.39992G	-27.97	2.4G	-27.94	2.51566G	-49.99	24.56452G	-41.25	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

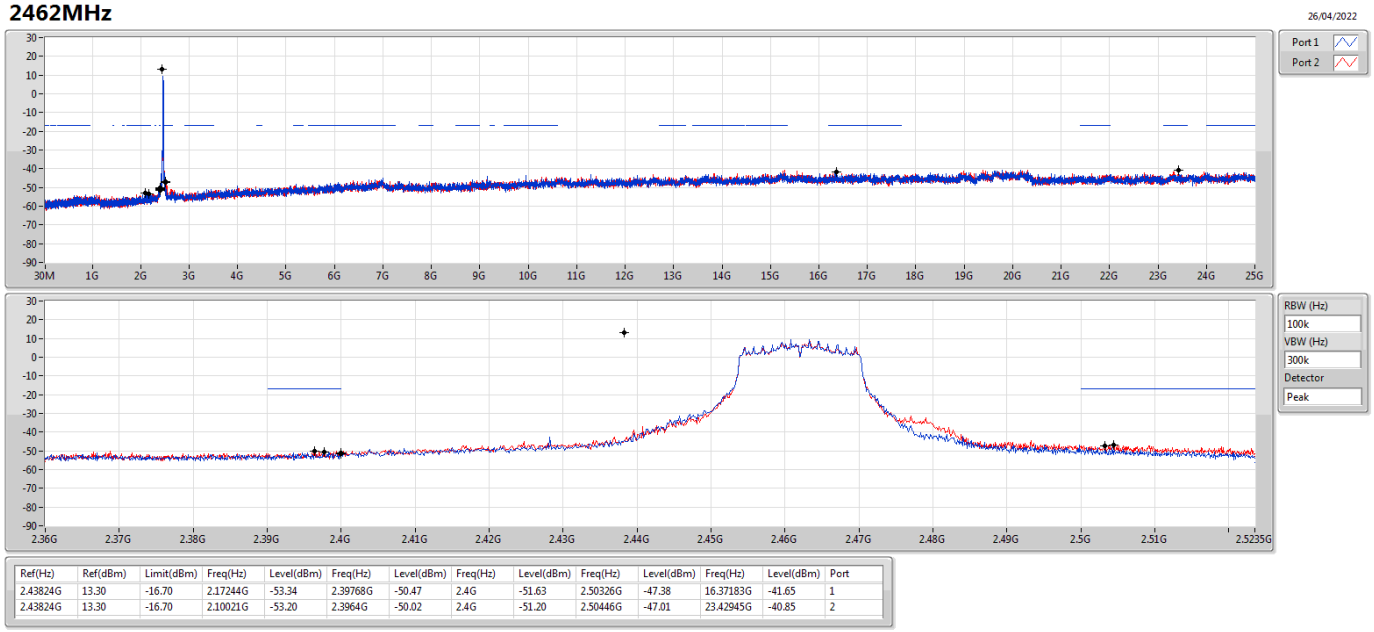
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	13.30	-16.70	2.19224G	-53.18	2.39952G	-36.11	2.4G	-37.80	2.50014G	-47.10	16.76236G	-41.35	1
2.43824G	13.30	-16.70	2.13865G	-53.93	2.39992G	-32.21	2.4G	-32.11	2.50214G	-42.78	15.22272G	-41.28	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

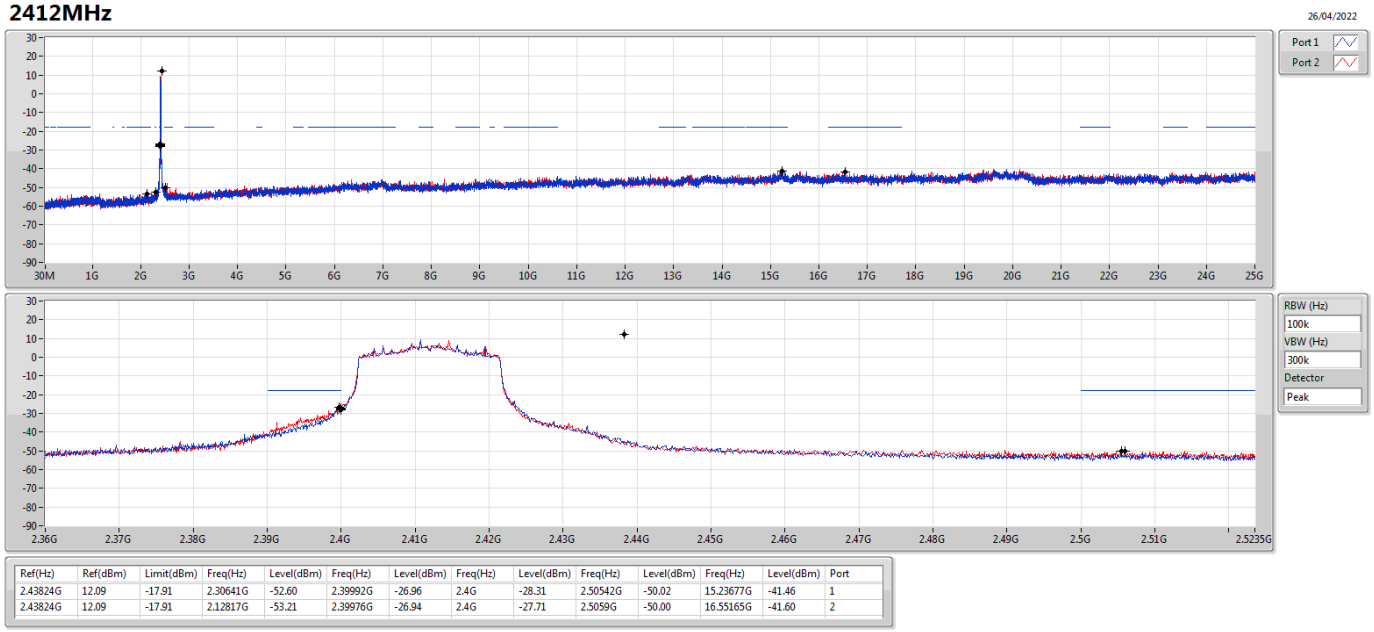
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	13.30	-16.70	2.17244G	-53.34	2.39768G	-50.47	2.4G	-51.63	2.50326G	-47.38	16.37183G	-41.65	1
2.43824G	13.30	-16.70	2.10021G	-53.20	2.3964G	-50.02	2.4G	-51.20	2.50446G	-47.01	23.42945G	-40.85	2

802.11ax HEW20_Nss1,(MCS0)_2TX **CSENdB**

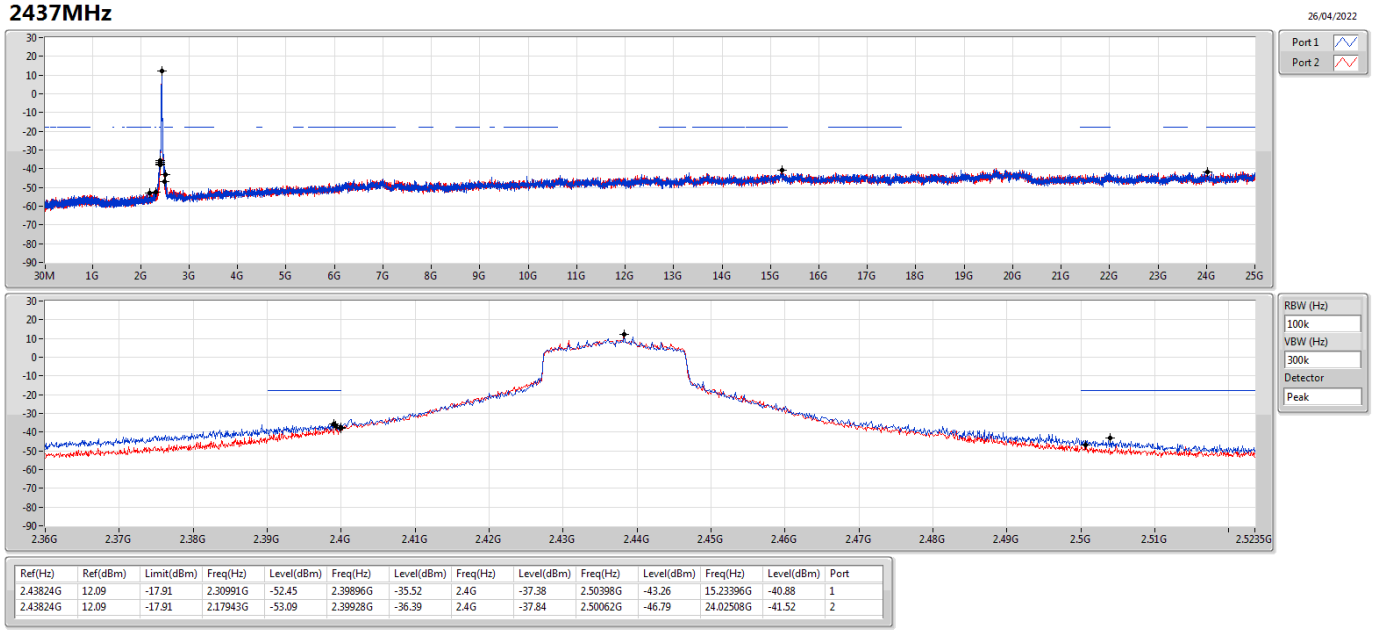
2412MHz



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
2.43824G	12.09	-17.91	2.30641G	-52.60	2.39992G	-26.96	2.4G	-28.31	2.50542G	-50.02	15.23677G	-41.46	1
2.43824G	12.09	-17.91	2.12817G	-53.21	2.39976G	-26.94	2.4G	-27.71	2.5059G	-50.00	16.55165G	-41.60	2

802.11ax HEW20_Nss1,(MCS0)_2TX **CSENdB**

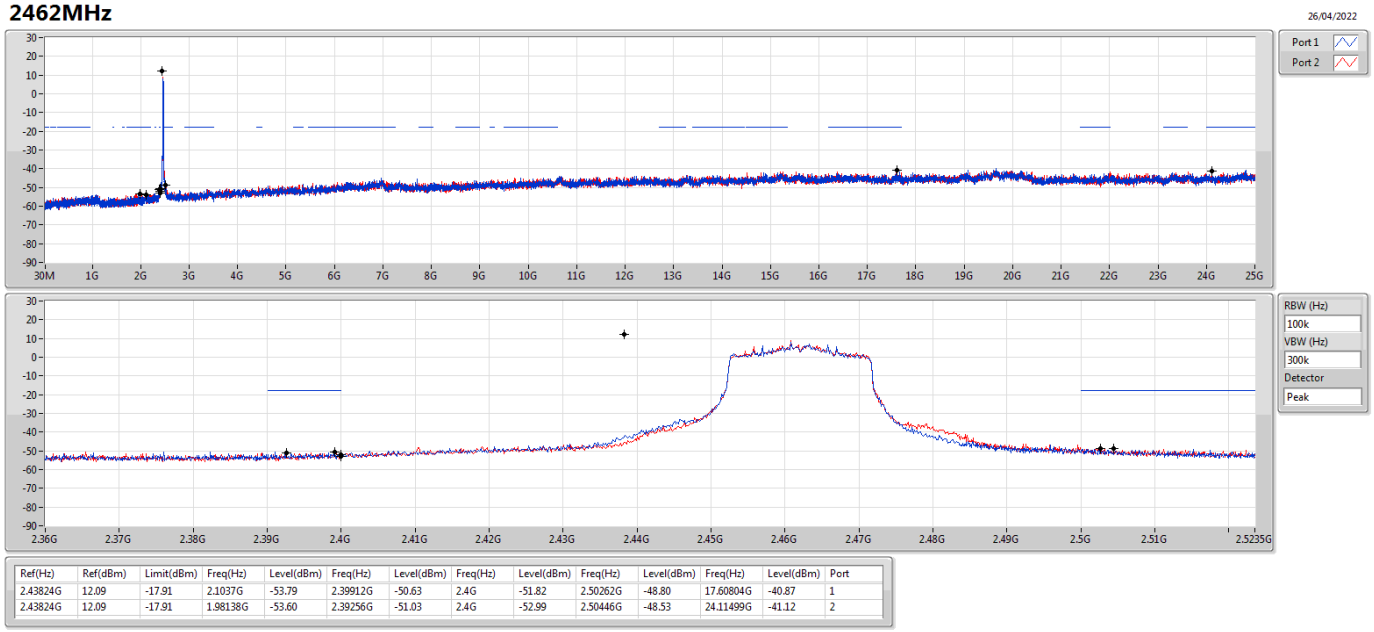
2437MHz



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
2.43824G	12.09	-17.91	2.30991G	-52.45	2.39896G	-35.52	2.4G	-37.38	2.50398G	-43.26	15.23396G	-40.88	1
2.43824G	12.09	-17.91	2.17943G	-53.09	2.39928G	-36.39	2.4G	-37.84	2.50062G	-46.79	24.02508G	-41.52	2

802.11ax HEW20_Nss1,(MCS0)_2TX **CSENdB**

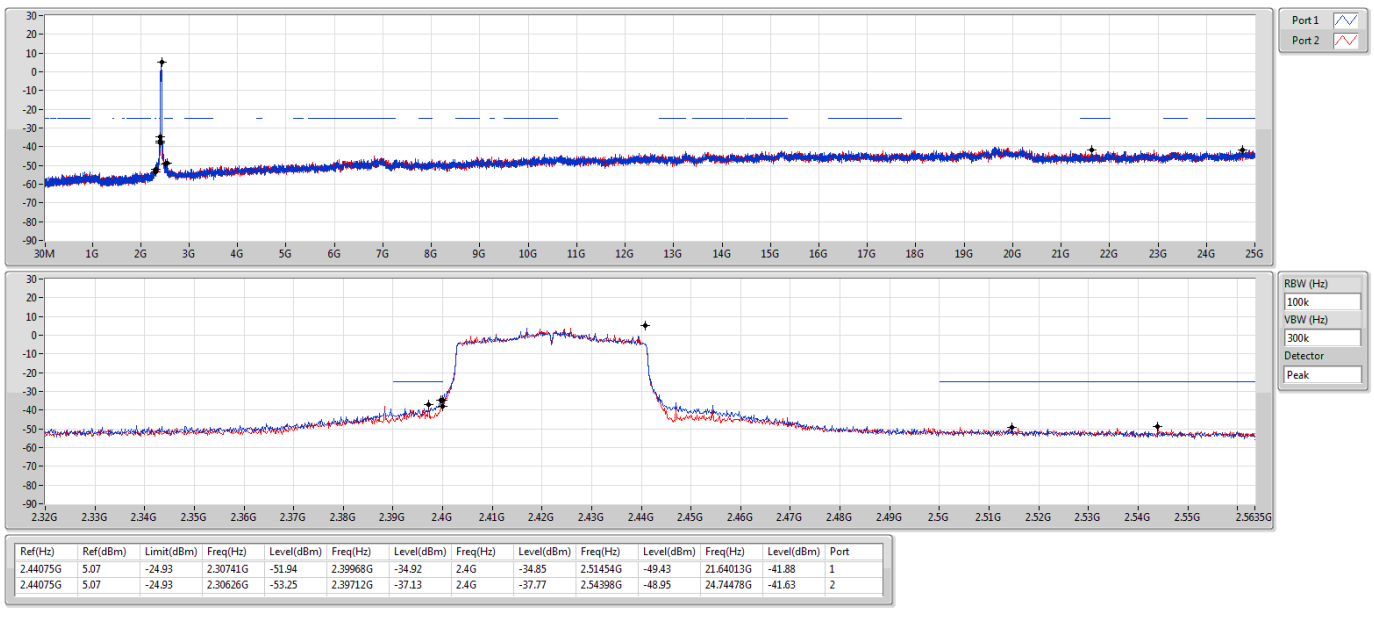
2462MHz



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
2.43824G	12.09	-17.91	2.1037G	-53.79	2.39912G	-50.63	2.4G	-51.82	2.50262G	-48.80	17.60804G	-40.87	1
2.43824G	12.09	-17.91	1.98138G	-53.60	2.39256G	-51.03	2.4G	-52.99	2.50446G	-48.53	24.11499G	-41.12	2

802.11ax HEW40_Nss1,(MCS0)_2TX **CSENdB**

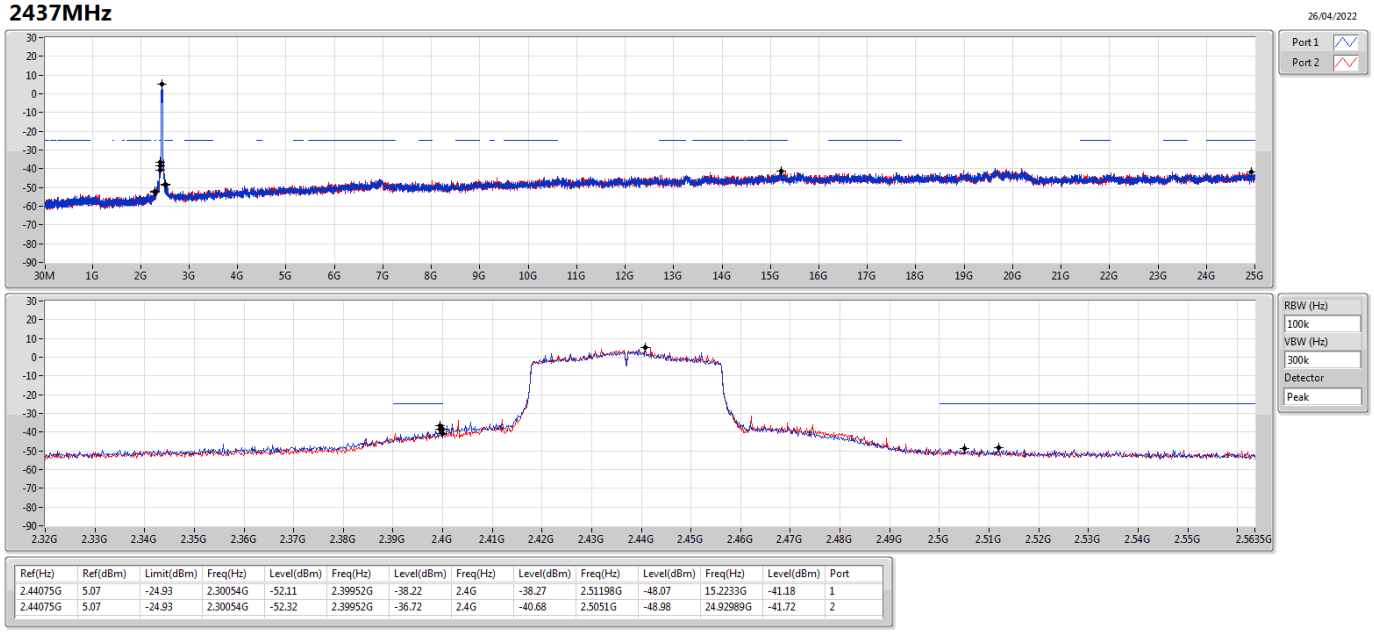
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	5.07	-24.93	2.30741G	-51.94	2.39968G	-34.92	2.4G	-34.85	2.51454G	-49.43	21.64013G	-41.88	1
2.44075G	5.07	-24.93	2.30626G	-53.25	2.39712G	-37.13	2.4G	-37.77	2.54398G	-48.95	24.74478G	-41.63	2

802.11ax HEW40_Nss1,(MCS0)_2TX **CSENdB**

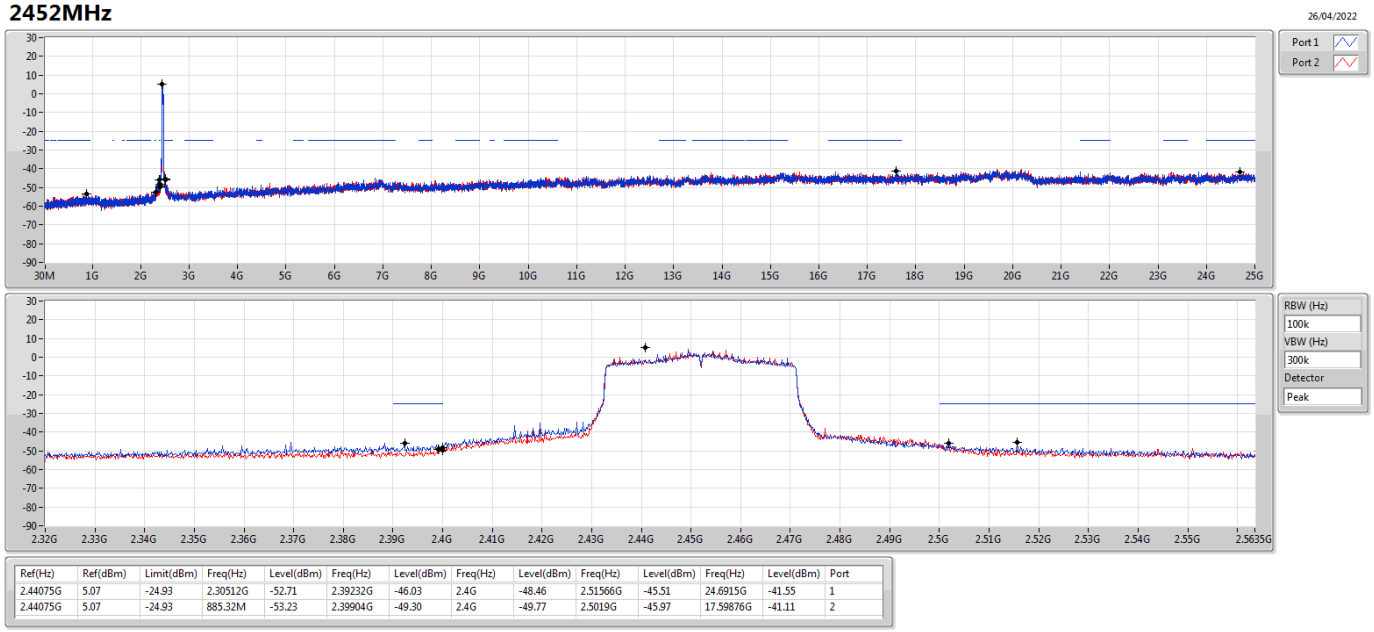
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	5.07	-24.93	2.30054G	-52.11	2.39952G	-38.22	2.4G	-38.27	2.51198G	-48.07	15.2233G	-41.18	1
2.44075G	5.07	-24.93	2.30054G	-52.32	2.39952G	-36.72	2.4G	-40.68	2.5051G	-48.98	24.92989G	-41.72	2

802.11ax HEW40_Nss1,(MCS0)_2TX **CSENdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	5.07	-24.93	2.30512G	-52.71	2.39232G	-46.03	2.4G	-48.46	2.51566G	-45.51	24.6915G	-41.55	1
2.44075G	5.07	-24.93	885.32M	-53.23	2.39904G	-49.30	2.4G	-49.77	2.5019G	-45.97	17.59876G	-41.11	2

Summary

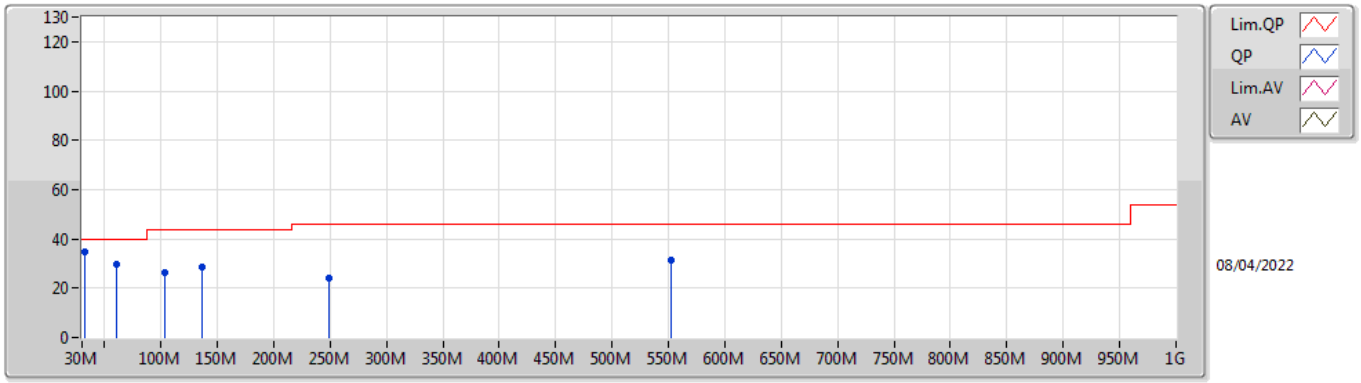
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	31.94M	34.70	40.00	-5.30	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	31.94M	34.70	40.00	-5.30	3	Vertical	0	1.00	-
2437MHz	Pass	PK	61.04M	29.75	40.00	-10.25	3	Vertical	0	1.00	-
2437MHz	Pass	PK	103.72M	26.32	43.50	-17.18	3	Vertical	0	1.00	-
2437MHz	Pass	PK	136.7M	28.44	43.50	-15.06	3	Vertical	0	1.00	-
2437MHz	Pass	PK	249.22M	23.91	46.00	-22.09	3	Vertical	0	1.00	-
2437MHz	Pass	PK	551.86M	31.10	46.00	-14.90	3	Vertical	0	1.00	-
2437MHz	Pass	PK	33.88M	29.34	40.00	-10.66	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	43.58M	29.06	40.00	-10.94	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	187.14M	23.82	43.50	-19.68	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	260.86M	24.81	46.00	-21.19	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	371.44M	26.72	46.00	-19.28	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	542.16M	30.04	46.00	-15.96	3	Horizontal	360	1.00	-

802.11ax HEW40_Nss1,(MCS0)_2TX

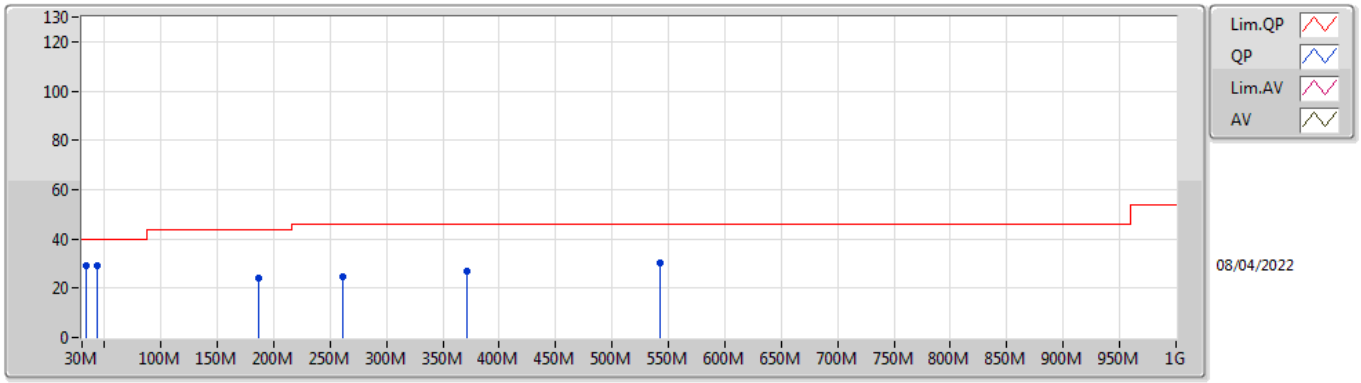
2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	31.94M	34.70	40.00	-5.30	-3.99	3	Vertical	0	1.00	-	38.69	22.18	0.88	27.05
PK	61.04M	29.75	40.00	-10.25	-15.11	3	Vertical	0	1.00	-	44.86	11.52	1.15	27.78
PK	103.72M	26.32	43.50	-17.18	-9.71	3	Vertical	0	1.00	-	36.03	16.63	1.44	27.78
PK	136.7M	28.44	43.50	-15.06	-9.36	3	Vertical	0	1.00	-	37.80	16.65	1.62	27.63
PK	249.22M	23.91	46.00	-22.09	-7.40	3	Vertical	0	1.00	-	31.31	17.47	2.15	27.02
PK	551.86M	31.10	46.00	-14.90	-1.18	3	Vertical	0	1.00	-	32.28	23.94	3.20	28.32

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	33.88M	29.34	40.00	-10.66	-5.10	3	Horizontal	360	1.00	-	34.44	21.11	0.90	27.11
PK	43.58M	29.06	40.00	-10.94	-10.69	3	Horizontal	360	1.00	-	39.75	15.82	1.00	27.51
PK	187.14M	23.82	43.50	-19.68	-11.21	3	Horizontal	360	1.00	-	35.03	14.30	1.90	27.41
PK	260.86M	24.81	46.00	-21.19	-6.08	3	Horizontal	360	1.00	-	30.89	18.75	2.20	27.03
PK	371.44M	26.72	46.00	-19.28	-4.88	3	Horizontal	360	1.00	-	31.60	20.01	2.63	27.52
PK	542.16M	30.04	46.00	-15.96	-1.77	3	Horizontal	360	1.00	-	31.81	23.38	3.17	28.32

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	AV	2.3832G	53.78	54.00	-0.22	3	Vertical	177	1.41	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	53.74	54.00	-0.26	3	Vertical	170	2.56	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.40	54.00	-0.60	3	Vertical	169	2.32	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.24	54.00	-0.76	3	Vertical	166	1.86	-

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	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3832G	53.78	54.00	-0.22	3	Vertical	177	1.41	-
2412MHz	Pass	AV	2.4112G	111.60	Inf	-Inf	3	Vertical	177	1.41	-
2412MHz	Pass	PK	2.3828G	62.91	74.00	-11.09	3	Vertical	177	1.41	-
2412MHz	Pass	PK	2.411G	115.24	Inf	-Inf	3	Vertical	177	1.41	-
2412MHz	Pass	AV	2.3874G	49.88	54.00	-4.12	3	Horizontal	147	1.00	-
2412MHz	Pass	AV	2.4128G	108.46	Inf	-Inf	3	Horizontal	147	1.00	-
2412MHz	Pass	PK	2.3894G	60.65	74.00	-13.35	3	Horizontal	147	1.00	-
2412MHz	Pass	PK	2.413G	111.97	Inf	-Inf	3	Horizontal	147	1.00	-
2412MHz	Pass	AV	4.824G	43.02	54.00	-10.98	3	Vertical	20	2.66	-
2412MHz	Pass	AV	12.06076G	53.11	54.00	-0.89	3	Vertical	221	2.78	-
2412MHz	Pass	PK	4.82404G	47.86	74.00	-26.14	3	Vertical	20	2.66	-
2412MHz	Pass	PK	12.05844G	60.27	74.00	-13.73	3	Vertical	221	2.78	-
2412MHz	Pass	AV	4.82404G	35.37	54.00	-18.63	3	Horizontal	162	1.57	-
2412MHz	Pass	AV	12.06068G	45.89	54.00	-8.11	3	Horizontal	360	3.00	-
2412MHz	Pass	PK	4.82428G	44.47	74.00	-29.53	3	Horizontal	162	1.57	-
2412MHz	Pass	PK	12.0594G	56.80	74.00	-17.20	3	Horizontal	360	3.00	-
2437MHz	Pass	AV	2.3418G	48.90	54.00	-5.10	3	Vertical	178	2.77	-
2437MHz	Pass	AV	2.4358G	108.16	Inf	-Inf	3	Vertical	178	2.77	-
2437MHz	Pass	AV	2.485G	48.76	54.00	-5.24	3	Vertical	178	2.77	-
2437MHz	Pass	PK	2.3898G	59.27	74.00	-14.73	3	Vertical	178	2.77	-
2437MHz	Pass	PK	2.4382G	111.94	Inf	-Inf	3	Vertical	178	2.77	-
2437MHz	Pass	PK	2.489G	58.88	74.00	-15.12	3	Vertical	178	2.77	-
2437MHz	Pass	AV	2.3894G	49.64	54.00	-4.36	3	Horizontal	0	1.00	-
2437MHz	Pass	AV	2.4382G	108.36	Inf	-Inf	3	Horizontal	0	1.00	-
2437MHz	Pass	AV	2.4846G	48.89	54.00	-5.11	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	2.3414G	59.00	74.00	-15.00	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	2.4382G	112.05	Inf	-Inf	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	2.4994G	58.59	74.00	-15.41	3	Horizontal	0	1.00	-
2437MHz	Pass	AV	4.874G	40.52	54.00	-13.48	3	Vertical	19	2.68	-
2437MHz	Pass	AV	7.31168G	48.52	54.00	-5.48	3	Vertical	336	2.45	-
2437MHz	Pass	AV	12.18572G	52.91	54.00	-1.09	3	Vertical	76	2.66	-
2437MHz	Pass	PK	4.87404G	46.41	74.00	-27.59	3	Vertical	19	2.68	-
2437MHz	Pass	PK	7.31188G	55.78	74.00	-18.22	3	Vertical	336	2.45	-
2437MHz	Pass	PK	12.18572G	60.32	74.00	-13.68	3	Vertical	76	2.66	-
2437MHz	Pass	AV	4.87404G	34.81	54.00	-19.19	3	Horizontal	154	2.96	-
2437MHz	Pass	AV	7.31184G	43.54	54.00	-10.46	3	Horizontal	170	2.93	-
2437MHz	Pass	AV	12.1856G	45.92	54.00	-8.08	3	Horizontal	357	2.96	-
2437MHz	Pass	PK	4.874G	44.05	74.00	-29.95	3	Horizontal	154	2.96	-
2437MHz	Pass	PK	7.31136G	53.47	74.00	-20.53	3	Horizontal	170	2.93	-
2437MHz	Pass	PK	12.18572G	56.61	74.00	-17.39	3	Horizontal	357	2.96	-
2462MHz	Pass	AV	2.4614G	109.41	Inf	-Inf	3	Vertical	19	2.70	-
2462MHz	Pass	AV	2.4902G	52.94	54.00	-1.06	3	Vertical	19	2.70	-
2462MHz	Pass	PK	2.463G	112.87	Inf	-Inf	3	Vertical	19	2.70	-
2462MHz	Pass	PK	2.493G	61.06	74.00	-12.94	3	Vertical	19	2.70	-
2462MHz	Pass	AV	2.4612G	108.05	Inf	-Inf	3	Horizontal	0	1.00	-
2462MHz	Pass	AV	2.4928G	52.65	54.00	-1.35	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	2.4612G	111.70	Inf	-Inf	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	2.49G	61.25	74.00	-12.75	3	Horizontal	0	1.00	-
2462MHz	Pass	AV	4.924G	42.44	54.00	-11.56	3	Vertical	15	2.81	-
2462MHz	Pass	AV	7.38532G	49.48	54.00	-4.52	3	Vertical	18	2.39	-
2462MHz	Pass	AV	12.31068G	49.92	54.00	-4.08	3	Vertical	268	2.57	-
2462MHz	Pass	PK	4.92404G	48.48	74.00	-25.52	3	Vertical	15	2.81	-
2462MHz	Pass	PK	7.38656G	55.96	74.00	-18.04	3	Vertical	18	2.39	-
2462MHz	Pass	PK	12.30844G	59.53	74.00	-14.47	3	Vertical	268	2.57	-
2462MHz	Pass	AV	4.92392G	36.13	54.00	-17.87	3	Horizontal	166	1.99	-
2462MHz	Pass	AV	7.38516G	41.23	54.00	-12.77	3	Horizontal	226	2.20	-
2462MHz	Pass	AV	12.30916G	46.31	54.00	-7.69	3	Horizontal	357	3.00	-
2462MHz	Pass	PK	4.92392G	44.47	74.00	-29.53	3	Horizontal	166	1.99	-
2462MHz	Pass	PK	7.38696G	51.59	74.00	-22.41	3	Horizontal	226	2.20	-
2462MHz	Pass	PK	12.31016G	57.63	74.00	-16.37	3	Horizontal	357	3.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.01	54.00	-1.99	3	Vertical	253	1.09	-
2412MHz	Pass	AV	2.411G	105.25	Inf	-Inf	3	Vertical	253	1.09	-
2412MHz	Pass	PK	2.3898G	63.58	74.00	-10.42	3	Vertical	253	1.09	-
2412MHz	Pass	PK	2.4112G	114.56	Inf	-Inf	3	Vertical	253	1.09	-
2412MHz	Pass	AV	2.3898G	52.63	54.00	-1.37	3	Horizontal	6	1.00	-
2412MHz	Pass	AV	2.413G	104.89	Inf	-Inf	3	Horizontal	6	1.00	-
2412MHz	Pass	PK	2.3894G	64.98	74.00	-9.02	3	Horizontal	6	1.00	-
2412MHz	Pass	PK	2.4134G	114.12	Inf	-Inf	3	Horizontal	6	1.00	-
2412MHz	Pass	AV	4.824G	31.43	54.00	-22.57	3	Vertical	173	1.50	-
2412MHz	Pass	AV	12.05996G	43.72	54.00	-10.28	3	Vertical	76	2.16	-
2412MHz	Pass	PK	4.8162G	44.19	74.00	-29.81	3	Vertical	173	1.50	-
2412MHz	Pass	PK	12.06016G	57.22	74.00	-16.78	3	Vertical	76	2.16	-
2412MHz	Pass	AV	4.83084G	30.24	54.00	-23.76	3	Horizontal	66	1.01	-
2412MHz	Pass	AV	12.07G	42.23	54.00	-11.77	3	Horizontal	64	1.50	-
2412MHz	Pass	PK	4.83G	43.48	74.00	-30.52	3	Horizontal	66	1.01	-
2412MHz	Pass	PK	12.06012G	55.10	74.00	-18.90	3	Horizontal	64	1.50	-
2417MHz	Pass	AV	2.3876G	51.93	54.00	-2.07	3	Vertical	31	2.92	-
2417MHz	Pass	AV	2.4178G	107.01	Inf	-Inf	3	Vertical	31	2.92	-
2417MHz	Pass	PK	2.3878G	63.36	74.00	-10.64	3	Vertical	31	2.92	-
2417MHz	Pass	PK	2.4178G	116.41	Inf	-Inf	3	Vertical	31	2.92	-
2417MHz	Pass	AV	2.3886G	49.72	54.00	-4.28	3	Horizontal	324	1.26	-
2417MHz	Pass	AV	2.4184G	103.77	Inf	-Inf	3	Horizontal	324	1.26	-
2417MHz	Pass	PK	2.3886G	60.18	74.00	-13.82	3	Horizontal	324	1.26	-
2417MHz	Pass	PK	2.419G	113.00	Inf	-Inf	3	Horizontal	324	1.26	-
2437MHz	Pass	AV	2.3874G	52.58	54.00	-1.42	3	Vertical	170	2.56	-
2437MHz	Pass	AV	2.4378G	106.45	Inf	-Inf	3	Vertical	170	2.56	-
2437MHz	Pass	AV	2.4835G	53.74	54.00	-0.26	3	Vertical	170	2.56	-
2437MHz	Pass	PK	2.3886G	67.11	74.00	-6.89	3	Vertical	170	2.56	-
2437MHz	Pass	PK	2.4378G	115.51	Inf	-Inf	3	Vertical	170	2.56	-
2437MHz	Pass	PK	2.4838G	64.56	74.00	-9.44	3	Vertical	170	2.56	-
2437MHz	Pass	AV	2.387G	51.27	54.00	-2.73	3	Horizontal	58	1.52	-
2437MHz	Pass	AV	2.4382G	105.36	Inf	-Inf	3	Horizontal	58	1.52	-
2437MHz	Pass	AV	2.4835G	52.36	54.00	-1.64	3	Horizontal	58	1.52	-
2437MHz	Pass	PK	2.3874G	62.56	74.00	-11.44	3	Horizontal	58	1.52	-
2437MHz	Pass	PK	2.4386G	114.18	Inf	-Inf	3	Horizontal	58	1.52	-
2437MHz	Pass	PK	2.4835G	63.98	74.00	-10.02	3	Horizontal	58	1.52	-
2437MHz	Pass	AV	4.87392G	31.68	54.00	-22.32	3	Vertical	177	1.48	-
2437MHz	Pass	AV	7.31016G	43.49	54.00	-10.51	3	Vertical	25	2.66	-
2437MHz	Pass	AV	12.189G	47.70	54.00	-6.30	3	Vertical	87	2.66	-
2437MHz	Pass	PK	4.86736G	43.12	74.00	-30.88	3	Vertical	177	1.48	-
2437MHz	Pass	PK	7.315G	56.22	74.00	-17.78	3	Vertical	25	2.66	-
2437MHz	Pass	PK	12.18476G	61.28	74.00	-12.72	3	Vertical	87	2.66	-
2437MHz	Pass	AV	4.87416G	30.57	54.00	-23.43	3	Horizontal	326	2.86	-
2437MHz	Pass	AV	7.30988G	37.32	54.00	-16.68	3	Horizontal	29	1.22	-
2437MHz	Pass	AV	12.18428G	44.28	54.00	-9.72	3	Horizontal	-0	2.99	-
2437MHz	Pass	PK	4.87256G	42.89	74.00	-31.11	3	Horizontal	326	2.86	-
2437MHz	Pass	PK	7.311G	50.12	74.00	-23.88	3	Horizontal	29	1.22	-
2437MHz	Pass	PK	12.18916G	57.28	74.00	-16.72	3	Horizontal	-0	2.99	-
2457MHz	Pass	AV	2.455G	104.66	Inf	-Inf	3	Vertical	168	2.82	-
2457MHz	Pass	AV	2.484G	52.93	54.00	-1.07	3	Vertical	168	2.82	-
2457MHz	Pass	PK	2.4552G	114.75	Inf	-Inf	3	Vertical	168	2.82	-
2457MHz	Pass	PK	2.4842G	63.61	74.00	-10.39	3	Vertical	168	2.82	-
2457MHz	Pass	AV	2.456G	103.52	Inf	-Inf	3	Horizontal	329	1.12	-
2457MHz	Pass	AV	2.4854G	50.07	54.00	-3.93	3	Horizontal	329	1.12	-
2457MHz	Pass	PK	2.4562G	113.14	Inf	-Inf	3	Horizontal	329	1.12	-
2457MHz	Pass	PK	2.486G	62.10	74.00	-11.90	3	Horizontal	329	1.12	-
2462MHz	Pass	AV	2.46G	102.83	Inf	-Inf	3	Vertical	170	2.05	-
2462MHz	Pass	AV	2.4844G	52.82	54.00	-1.18	3	Vertical	170	2.05	-
2462MHz	Pass	PK	2.4602G	112.38	Inf	-Inf	3	Vertical	170	2.05	-
2462MHz	Pass	PK	2.485G	64.55	74.00	-9.45	3	Vertical	170	2.05	-
2462MHz	Pass	AV	2.461G	100.54	Inf	-Inf	3	Horizontal	59	2.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	2.4854G	50.98	54.00	-3.02	3	Horizontal	59	2.01	-
2462MHz	Pass	PK	2.4608G	110.72	Inf	-Inf	3	Horizontal	59	2.01	-
2462MHz	Pass	PK	2.4852G	62.08	74.00	-11.92	3	Horizontal	59	2.01	-
2462MHz	Pass	AV	4.924G	31.88	54.00	-22.12	3	Vertical	176	1.29	-
2462MHz	Pass	AV	7.38812G	39.79	54.00	-14.21	3	Vertical	27	2.64	-
2462MHz	Pass	AV	12.31196G	43.35	54.00	-10.65	3	Vertical	74	2.38	-
2462MHz	Pass	PK	4.92404G	43.20	74.00	-30.80	3	Vertical	176	1.29	-
2462MHz	Pass	PK	7.38792G	52.92	74.00	-21.08	3	Vertical	27	2.64	-
2462MHz	Pass	PK	12.31748G	55.96	74.00	-18.04	3	Vertical	74	2.38	-
2462MHz	Pass	AV	4.92396G	30.18	54.00	-23.82	3	Horizontal	294	1.50	-
2462MHz	Pass	AV	7.38344G	36.63	54.00	-17.37	3	Horizontal	232	1.00	-
2462MHz	Pass	AV	12.31608G	42.43	54.00	-11.57	3	Horizontal	0	1.50	-
2462MHz	Pass	PK	4.924G	43.01	74.00	-30.99	3	Horizontal	294	1.50	-
2462MHz	Pass	PK	7.38252G	49.93	74.00	-24.07	3	Horizontal	232	1.00	-
2462MHz	Pass	PK	12.305G	55.60	74.00	-18.40	3	Horizontal	0	1.50	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.40	54.00	-0.60	3	Vertical	169	2.32	-
2412MHz	Pass	AV	2.4128G	104.77	Inf	-Inf	3	Vertical	169	2.32	-
2412MHz	Pass	PK	2.39G	65.79	74.00	-8.21	3	Vertical	169	2.32	-
2412MHz	Pass	PK	2.4128G	116.33	Inf	-Inf	3	Vertical	169	2.32	-
2412MHz	Pass	AV	2.3868G	50.70	54.00	-3.30	3	Horizontal	10	2.22	-
2412MHz	Pass	AV	2.4134G	101.07	Inf	-Inf	3	Horizontal	10	2.22	-
2412MHz	Pass	PK	2.3848G	64.35	74.00	-9.65	3	Horizontal	10	2.22	-
2412MHz	Pass	PK	2.4154G	112.64	Inf	-Inf	3	Horizontal	10	2.22	-
2412MHz	Pass	AV	4.82396G	30.96	54.00	-23.04	3	Vertical	175	2.04	-
2412MHz	Pass	AV	12.06476G	42.91	54.00	-11.09	3	Vertical	218	2.86	-
2412MHz	Pass	PK	4.82416G	43.30	74.00	-30.70	3	Vertical	175	2.04	-
2412MHz	Pass	PK	12.06476G	56.50	74.00	-17.50	3	Vertical	218	2.86	-
2412MHz	Pass	AV	4.83296G	29.63	54.00	-24.37	3	Horizontal	356	1.50	-
2412MHz	Pass	AV	12.06912G	41.78	54.00	-12.22	3	Horizontal	311	1.50	-
2412MHz	Pass	PK	4.82496G	43.15	74.00	-30.85	3	Horizontal	356	1.50	-
2412MHz	Pass	PK	12.05804G	54.77	74.00	-19.23	3	Horizontal	311	1.50	-
2417MHz	Pass	AV	2.39G	52.70	54.00	-1.30	3	Vertical	135	2.52	-
2417MHz	Pass	AV	2.4178G	105.87	Inf	-Inf	3	Vertical	135	2.52	-
2417MHz	Pass	PK	2.3856G	64.66	74.00	-9.34	3	Vertical	135	2.52	-
2417MHz	Pass	PK	2.4176G	117.13	Inf	-Inf	3	Vertical	135	2.52	-
2417MHz	Pass	AV	2.3864G	49.76	54.00	-4.24	3	Horizontal	15	2.80	-
2417MHz	Pass	AV	2.4162G	102.85	Inf	-Inf	3	Horizontal	15	2.80	-
2417MHz	Pass	PK	2.3856G	61.66	74.00	-12.34	3	Horizontal	15	2.80	-
2417MHz	Pass	PK	2.4166G	114.89	Inf	-Inf	3	Horizontal	15	2.80	-
2437MHz	Pass	AV	2.3866G	51.81	54.00	-2.19	3	Vertical	211	1.43	-
2437MHz	Pass	AV	2.4366G	106.31	Inf	-Inf	3	Vertical	211	1.43	-
2437MHz	Pass	AV	2.4858G	52.07	54.00	-1.93	3	Vertical	211	1.43	-
2437MHz	Pass	PK	2.387G	63.59	74.00	-10.41	3	Vertical	211	1.43	-
2437MHz	Pass	PK	2.4358G	116.87	Inf	-Inf	3	Vertical	211	1.43	-
2437MHz	Pass	PK	2.4878G	64.95	74.00	-9.05	3	Vertical	211	1.43	-
2437MHz	Pass	AV	2.3858G	49.62	54.00	-4.38	3	Horizontal	14	2.75	-
2437MHz	Pass	AV	2.4354G	105.22	Inf	-Inf	3	Horizontal	14	2.75	-
2437MHz	Pass	AV	2.4854G	50.86	54.00	-3.14	3	Horizontal	14	2.75	-
2437MHz	Pass	PK	2.3854G	60.93	74.00	-13.07	3	Horizontal	14	2.75	-
2437MHz	Pass	PK	2.4378G	116.27	Inf	-Inf	3	Horizontal	14	2.75	-
2437MHz	Pass	PK	2.4854G	63.97	74.00	-10.03	3	Horizontal	14	2.75	-
2437MHz	Pass	AV	4.87396G	31.60	54.00	-22.40	3	Vertical	175	1.21	-
2437MHz	Pass	AV	7.31004G	42.17	54.00	-11.83	3	Vertical	25	2.81	-
2437MHz	Pass	AV	12.18384G	46.03	54.00	-7.97	3	Vertical	88	2.56	-
2437MHz	Pass	PK	4.87644G	43.51	74.00	-30.49	3	Vertical	175	1.21	-
2437MHz	Pass	PK	7.31012G	55.76	74.00	-18.24	3	Vertical	25	2.81	-
2437MHz	Pass	PK	12.19344G	59.47	74.00	-14.53	3	Vertical	88	2.56	-
2437MHz	Pass	AV	4.87388G	30.31	54.00	-23.69	3	Horizontal	331	2.85	-
2437MHz	Pass	AV	7.31056G	36.73	54.00	-17.27	3	Horizontal	30	2.47	-
2437MHz	Pass	AV	12.18508G	43.25	54.00	-10.75	3	Horizontal	360	3.00	-
2437MHz	Pass	PK	4.87148G	43.85	74.00	-30.15	3	Horizontal	331	2.85	-

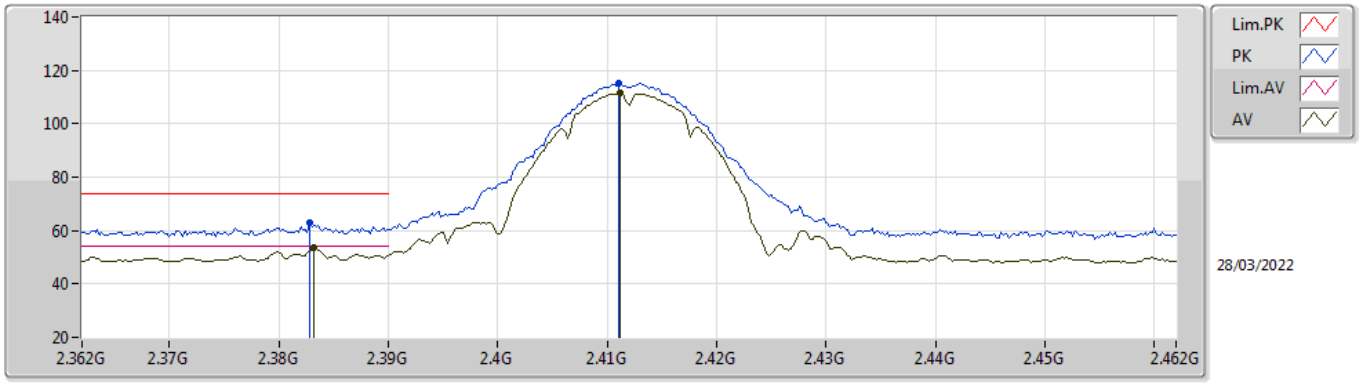
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	7.31064G	49.85	74.00	-24.15	3	Horizontal	30	2.47	-
2437MHz	Pass	PK	12.18404G	57.48	74.00	-16.52	3	Horizontal	360	3.00	-
2457MHz	Pass	AV	2.4558G	105.18	Inf	-Inf	3	Vertical	210	2.01	-
2457MHz	Pass	AV	2.485G	53.21	54.00	-0.79	3	Vertical	210	2.01	-
2457MHz	Pass	PK	2.4562G	116.08	Inf	-Inf	3	Vertical	210	2.01	-
2457MHz	Pass	PK	2.4838G	66.54	74.00	-7.46	3	Vertical	210	2.01	-
2457MHz	Pass	AV	2.4558G	102.38	Inf	-Inf	3	Horizontal	321	1.05	-
2457MHz	Pass	AV	2.4838G	53.26	54.00	-0.74	3	Horizontal	321	1.05	-
2457MHz	Pass	PK	2.455G	113.41	Inf	-Inf	3	Horizontal	321	1.05	-
2457MHz	Pass	PK	2.4842G	66.09	74.00	-7.91	3	Horizontal	321	1.05	-
2462MHz	Pass	AV	2.461G	103.54	Inf	-Inf	3	Vertical	213	2.19	-
2462MHz	Pass	AV	2.4835G	51.94	54.00	-2.06	3	Vertical	213	2.19	-
2462MHz	Pass	PK	2.4616G	115.24	Inf	-Inf	3	Vertical	213	2.19	-
2462MHz	Pass	PK	2.4835G	61.84	74.00	-12.16	3	Vertical	213	2.19	-
2462MHz	Pass	AV	2.4612G	101.88	Inf	-Inf	3	Horizontal	14	3.00	-
2462MHz	Pass	AV	2.4835G	51.38	54.00	-2.62	3	Horizontal	14	3.00	-
2462MHz	Pass	PK	2.4612G	114.40	Inf	-Inf	3	Horizontal	14	3.00	-
2462MHz	Pass	PK	2.4862G	62.76	74.00	-11.24	3	Horizontal	14	3.00	-
2462MHz	Pass	AV	4.92396G	31.67	54.00	-22.33	3	Vertical	176	1.24	-
2462MHz	Pass	AV	7.3868G	39.64	54.00	-14.36	3	Vertical	26	2.58	-
2462MHz	Pass	AV	12.31436G	42.01	54.00	-11.99	3	Vertical	354	1.50	-
2462MHz	Pass	PK	4.92416G	43.71	74.00	-30.29	3	Vertical	176	1.24	-
2462MHz	Pass	PK	7.38644G	54.09	74.00	-19.91	3	Vertical	26	2.58	-
2462MHz	Pass	PK	12.31804G	55.42	74.00	-18.58	3	Vertical	354	1.50	-
2462MHz	Pass	AV	4.92792G	29.70	54.00	-24.30	3	Horizontal	44	1.50	-
2462MHz	Pass	AV	7.38488G	36.12	54.00	-17.88	3	Horizontal	216	1.50	-
2462MHz	Pass	AV	12.31408G	41.95	54.00	-12.05	3	Horizontal	48	1.50	-
2462MHz	Pass	PK	4.91824G	42.90	74.00	-31.10	3	Horizontal	44	1.50	-
2462MHz	Pass	PK	7.38708G	49.60	74.00	-24.40	3	Horizontal	216	1.50	-
2462MHz	Pass	PK	12.31304G	54.96	74.00	-19.04	3	Horizontal	48	1.50	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3892G	53.22	54.00	-0.78	3	Vertical	35	2.58	-
2422MHz	Pass	AV	2.4196G	98.32	Inf	-Inf	3	Vertical	35	2.58	-
2422MHz	Pass	AV	2.4888G	47.23	54.00	-6.77	3	Vertical	35	2.58	-
2422MHz	Pass	PK	2.3876G	64.62	74.00	-9.38	3	Vertical	35	2.58	-
2422MHz	Pass	PK	2.4188G	110.26	Inf	-Inf	3	Vertical	35	2.58	-
2422MHz	Pass	PK	2.4892G	58.05	74.00	-15.95	3	Vertical	35	2.58	-
2422MHz	Pass	AV	2.3896G	50.58	54.00	-3.42	3	Horizontal	321	1.27	-
2422MHz	Pass	AV	2.42G	97.03	Inf	-Inf	3	Horizontal	321	1.27	-
2422MHz	Pass	AV	2.4892G	47.15	54.00	-6.85	3	Horizontal	321	1.27	-
2422MHz	Pass	PK	2.3892G	61.82	74.00	-12.18	3	Horizontal	321	1.27	-
2422MHz	Pass	PK	2.42G	108.70	Inf	-Inf	3	Horizontal	321	1.27	-
2422MHz	Pass	PK	2.486G	57.75	74.00	-16.25	3	Horizontal	321	1.27	-
2422MHz	Pass	AV	4.844G	31.00	54.00	-23.00	3	Vertical	174	1.25	-
2422MHz	Pass	AV	7.27134G	36.78	54.00	-17.22	3	Vertical	17	1.50	-
2422MHz	Pass	AV	12.09848G	42.14	54.00	-11.86	3	Vertical	268	2.92	-
2422MHz	Pass	PK	4.85396G	43.01	74.00	-30.99	3	Vertical	174	1.25	-
2422MHz	Pass	PK	7.25958G	49.74	74.00	-24.26	3	Vertical	17	1.50	-
2422MHz	Pass	PK	12.11024G	55.62	74.00	-18.38	3	Vertical	268	2.92	-
2422MHz	Pass	AV	4.85096G	29.64	54.00	-24.36	3	Horizontal	30	1.50	-
2422MHz	Pass	AV	7.25112G	36.32	54.00	-17.68	3	Horizontal	288	1.49	-
2422MHz	Pass	AV	12.10196G	42.17	54.00	-11.83	3	Horizontal	332	1.53	-
2422MHz	Pass	PK	4.85264G	42.83	74.00	-31.17	3	Horizontal	30	1.50	-
2422MHz	Pass	PK	7.27314G	49.83	74.00	-24.17	3	Horizontal	288	1.49	-
2422MHz	Pass	PK	12.12338G	55.93	74.00	-18.07	3	Horizontal	332	1.53	-
2427MHz	Pass	AV	2.3898G	52.99	54.00	-1.01	3	Vertical	173	1.61	-
2427MHz	Pass	AV	2.431G	99.75	Inf	-Inf	3	Vertical	173	1.61	-
2427MHz	Pass	AV	2.4838G	48.38	54.00	-5.62	3	Vertical	173	1.61	-
2427MHz	Pass	PK	2.3898G	64.26	74.00	-9.74	3	Vertical	173	1.61	-
2427MHz	Pass	PK	2.431G	111.78	Inf	-Inf	3	Vertical	173	1.61	-
2427MHz	Pass	PK	2.4838G	59.62	74.00	-14.38	3	Vertical	173	1.61	-
2427MHz	Pass	AV	2.3898G	50.41	54.00	-3.59	3	Horizontal	60	1.29	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2427MHz	Pass	AV	2.4258G	97.45	Inf	-Inf	3	Horizontal	60	1.29	-
2427MHz	Pass	AV	2.485G	47.62	54.00	-6.38	3	Horizontal	60	1.29	-
2427MHz	Pass	PK	2.3898G	62.33	74.00	-11.67	3	Horizontal	60	1.29	-
2427MHz	Pass	PK	2.4258G	108.47	Inf	-Inf	3	Horizontal	60	1.29	-
2427MHz	Pass	PK	2.4934G	57.90	74.00	-16.10	3	Horizontal	60	1.29	-
2437MHz	Pass	AV	2.385G	50.98	54.00	-3.02	3	Vertical	166	1.86	-
2437MHz	Pass	AV	2.4346G	100.79	Inf	-Inf	3	Vertical	166	1.86	-
2437MHz	Pass	AV	2.4835G	53.24	54.00	-0.76	3	Vertical	166	1.86	-
2437MHz	Pass	PK	2.3842G	63.63	74.00	-10.37	3	Vertical	166	1.86	-
2437MHz	Pass	PK	2.4354G	113.47	Inf	-Inf	3	Vertical	166	1.86	-
2437MHz	Pass	PK	2.4862G	66.75	74.00	-7.25	3	Vertical	166	1.86	-
2437MHz	Pass	AV	2.3854G	49.62	54.00	-4.38	3	Horizontal	60	1.52	-
2437MHz	Pass	AV	2.4358G	98.65	Inf	-Inf	3	Horizontal	60	1.52	-
2437MHz	Pass	AV	2.4842G	51.24	54.00	-2.76	3	Horizontal	60	1.52	-
2437MHz	Pass	PK	2.387G	60.41	74.00	-13.59	3	Horizontal	60	1.52	-
2437MHz	Pass	PK	2.4354G	109.87	Inf	-Inf	3	Horizontal	60	1.52	-
2437MHz	Pass	PK	2.4842G	62.76	74.00	-11.24	3	Horizontal	60	1.52	-
2437MHz	Pass	AV	4.87388G	31.40	54.00	-22.60	3	Vertical	176	1.32	-
2437MHz	Pass	AV	7.3167G	37.59	54.00	-16.41	3	Vertical	23	2.22	-
2437MHz	Pass	AV	12.17072G	42.35	54.00	-11.65	3	Vertical	204	2.75	-
2437MHz	Pass	PK	4.87412G	43.35	74.00	-30.65	3	Vertical	176	1.32	-
2437MHz	Pass	PK	7.30584G	50.78	74.00	-23.22	3	Vertical	23	2.22	-
2437MHz	Pass	PK	12.17456G	56.05	74.00	-17.95	3	Vertical	204	2.75	-
2437MHz	Pass	AV	4.87838G	29.72	54.00	-24.28	3	Horizontal	303	1.50	-
2437MHz	Pass	AV	7.29606G	36.12	54.00	-17.88	3	Horizontal	185	1.11	-
2437MHz	Pass	AV	12.19796G	42.19	54.00	-11.81	3	Horizontal	321	2.85	-
2437MHz	Pass	PK	4.86944G	43.33	74.00	-30.67	3	Horizontal	303	1.50	-
2437MHz	Pass	PK	7.31994G	49.52	74.00	-24.48	3	Horizontal	185	1.11	-
2437MHz	Pass	PK	12.18512G	55.71	74.00	-18.29	3	Horizontal	321	2.85	-
2447MHz	Pass	AV	2.3854G	48.48	54.00	-5.52	3	Vertical	169	2.06	-
2447MHz	Pass	AV	2.4438G	100.50	Inf	-Inf	3	Vertical	169	2.06	-
2447MHz	Pass	AV	2.4835G	52.92	54.00	-1.08	3	Vertical	169	2.06	-
2447MHz	Pass	PK	2.3534G	59.75	74.00	-14.25	3	Vertical	169	2.06	-
2447MHz	Pass	PK	2.443G	111.59	Inf	-Inf	3	Vertical	169	2.06	-
2447MHz	Pass	PK	2.4835G	65.38	74.00	-8.62	3	Vertical	169	2.06	-
2447MHz	Pass	AV	2.387G	48.37	54.00	-5.63	3	Horizontal	16	1.50	-
2447MHz	Pass	AV	2.4458G	97.94	Inf	-Inf	3	Horizontal	16	1.50	-
2447MHz	Pass	AV	2.485G	49.93	54.00	-4.07	3	Horizontal	16	1.50	-
2447MHz	Pass	PK	2.3846G	59.58	74.00	-14.42	3	Horizontal	16	1.50	-
2447MHz	Pass	PK	2.4462G	108.29	Inf	-Inf	3	Horizontal	16	1.50	-
2447MHz	Pass	PK	2.485G	61.88	74.00	-12.12	3	Horizontal	16	1.50	-
2452MHz	Pass	AV	2.3868G	48.11	54.00	-5.89	3	Vertical	176	2.05	-
2452MHz	Pass	AV	2.4564G	99.30	Inf	-Inf	3	Vertical	176	2.05	-
2452MHz	Pass	AV	2.4864G	52.38	54.00	-1.62	3	Vertical	176	2.05	-
2452MHz	Pass	PK	2.388G	60.73	74.00	-13.27	3	Vertical	176	2.05	-
2452MHz	Pass	PK	2.448G	110.23	Inf	-Inf	3	Vertical	176	2.05	-
2452MHz	Pass	PK	2.4888G	64.69	74.00	-9.31	3	Vertical	176	2.05	-
2452MHz	Pass	AV	2.3804G	47.67	54.00	-6.33	3	Horizontal	18	1.15	-
2452MHz	Pass	AV	2.4512G	96.87	Inf	-Inf	3	Horizontal	18	1.15	-
2452MHz	Pass	AV	2.4835G	50.04	54.00	-3.96	3	Horizontal	18	1.15	-
2452MHz	Pass	PK	2.3708G	58.16	74.00	-15.84	3	Horizontal	18	1.15	-
2452MHz	Pass	PK	2.45G	106.83	Inf	-Inf	3	Horizontal	18	1.15	-
2452MHz	Pass	PK	2.4835G	60.57	74.00	-13.43	3	Horizontal	18	1.15	-
2452MHz	Pass	AV	4.90408G	30.85	54.00	-23.15	3	Vertical	175	1.50	-
2452MHz	Pass	AV	7.3553G	37.13	54.00	-16.87	3	Vertical	26	2.52	-
2452MHz	Pass	AV	12.25178G	41.92	54.00	-12.08	3	Vertical	252	1.50	-
2452MHz	Pass	PK	4.90414G	43.35	74.00	-30.65	3	Vertical	175	1.50	-
2452MHz	Pass	PK	7.35726G	50.59	74.00	-23.41	3	Vertical	26	2.52	-
2452MHz	Pass	PK	12.25622G	55.00	74.00	-19.00	3	Vertical	252	1.50	-
2452MHz	Pass	AV	4.90798G	29.28	54.00	-24.72	3	Horizontal	146	1.50	-
2452MHz	Pass	AV	7.356G	35.93	54.00	-18.07	3	Horizontal	209	2.10	-
2452MHz	Pass	AV	12.25574G	41.93	54.00	-12.07	3	Horizontal	30	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	4.90632G	42.52	74.00	-31.48	3	Horizontal	146	1.50	-
2452MHz	Pass	PK	7.35382G	49.73	74.00	-24.27	3	Horizontal	209	2.10	-
2452MHz	Pass	PK	12.26894G	55.34	74.00	-18.66	3	Horizontal	30	1.50	-

802.11b_Nss1,(1Mbps)_2TX

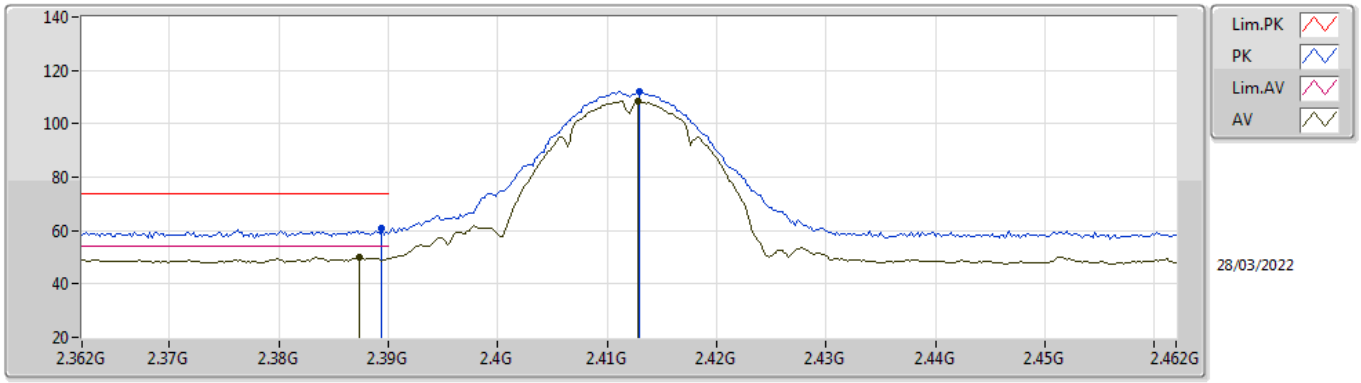
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3832G	53.78	54.00	-0.22	34.98	3	Vertical	177	1.41	-	18.80	27.73	7.25	-
AV	2.4112G	111.60	Inf	-Inf	34.90	3	Vertical	177	1.41	-	76.70	27.63	7.27	-
PK	2.3828G	62.91	74.00	-11.09	34.98	3	Vertical	177	1.41	-	27.93	27.73	7.25	-
PK	2.411G	115.24	Inf	-Inf	34.90	3	Vertical	177	1.41	-	80.34	27.63	7.27	-

802.11b_Nss1,(1Mbps)_2TX

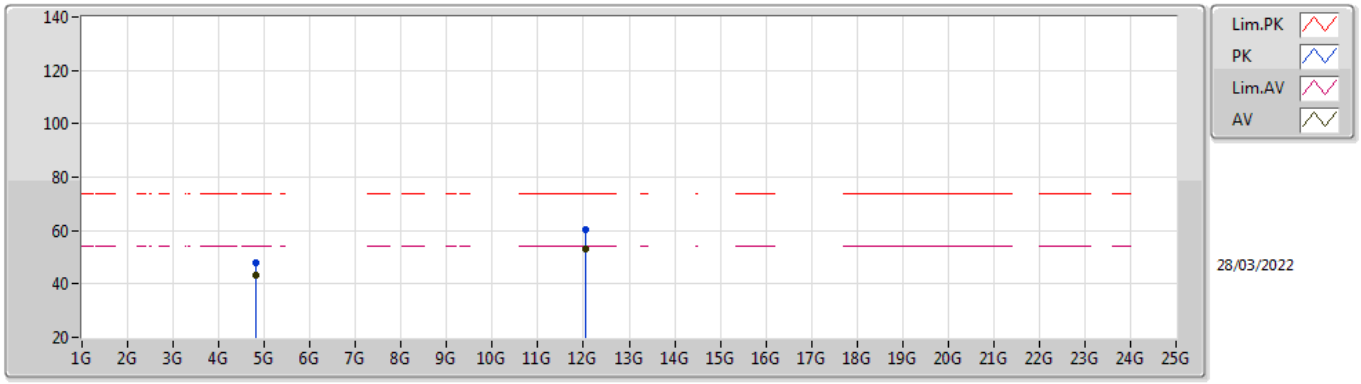
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3874G	49.88	54.00	-4.12	34.98	3	Horizontal	147	1.00	-	14.90	27.73	7.25	-
AV	2.4128G	108.46	Inf	-Inf	34.89	3	Horizontal	147	1.00	-	73.57	27.62	7.27	-
PK	2.3894G	60.65	74.00	-13.35	34.98	3	Horizontal	147	1.00	-	25.67	27.72	7.26	-
PK	2.413G	111.97	Inf	-Inf	34.89	3	Horizontal	147	1.00	-	77.08	27.62	7.27	-

802.11b_Nss1,(1Mbps)_2TX

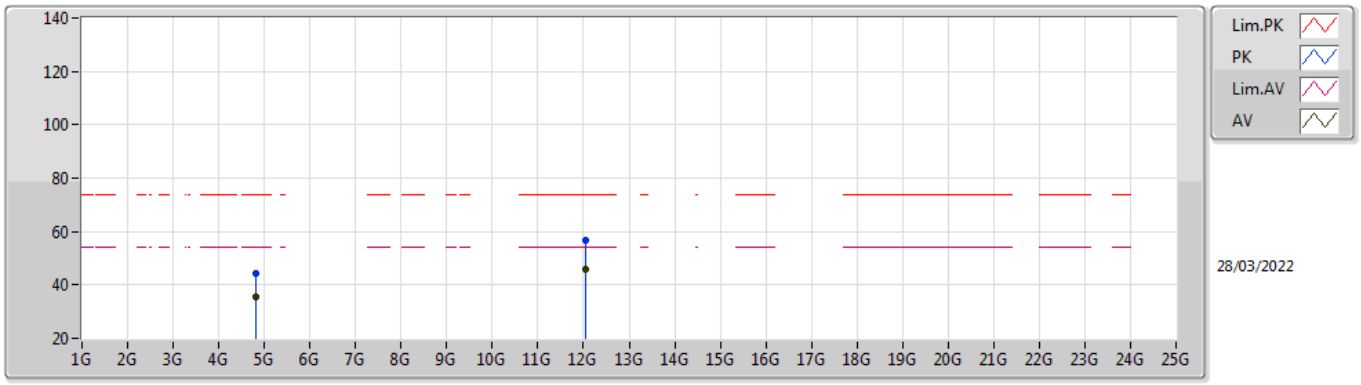
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	43.02	54.00	-10.98	5.89	3	Vertical	20	2.66	-	37.13	31.15	8.92	34.18
AV	12.06076G	53.11	54.00	-0.89	17.81	3	Vertical	221	2.78	-	35.30	39.02	13.09	34.30
PK	4.82404G	47.86	74.00	-26.14	5.89	3	Vertical	20	2.66	-	41.97	31.15	8.92	34.18
PK	12.05844G	60.27	74.00	-13.73	17.81	3	Vertical	221	2.78	-	42.46	39.02	13.09	34.30

802.11b_Nss1,(1Mbps)_2TX

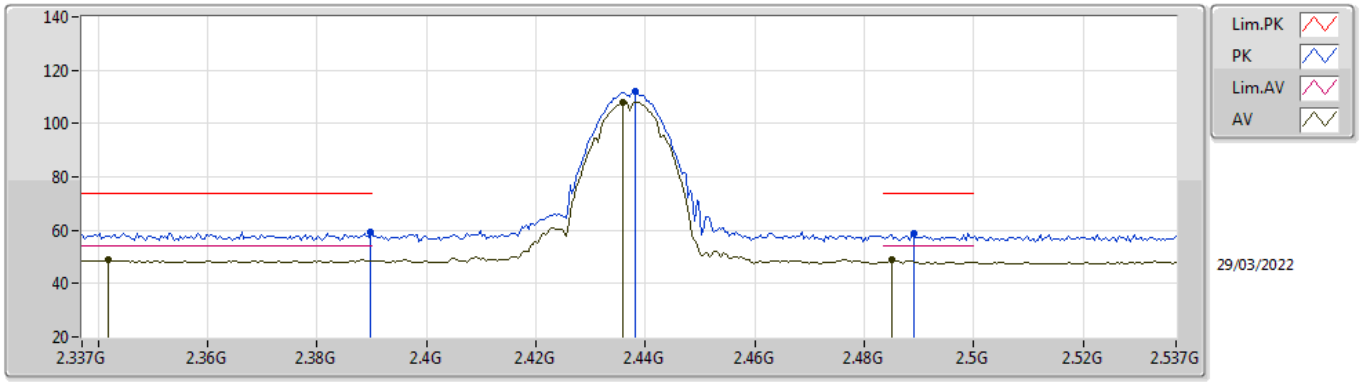
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82404G	35.37	54.00	-18.63	5.89	3	Horizontal	162	1.57	-	29.48	31.15	8.92	34.18
AV	12.06068G	45.89	54.00	-8.11	17.81	3	Horizontal	360	3.00	-	28.08	39.02	13.09	34.30
PK	4.82428G	44.47	74.00	-29.53	5.89	3	Horizontal	162	1.57	-	38.58	31.15	8.92	34.18
PK	12.0594G	56.80	74.00	-17.20	17.81	3	Horizontal	360	3.00	-	38.99	39.02	13.09	34.30

802.11b_Nss1,(1Mbps)_2TX

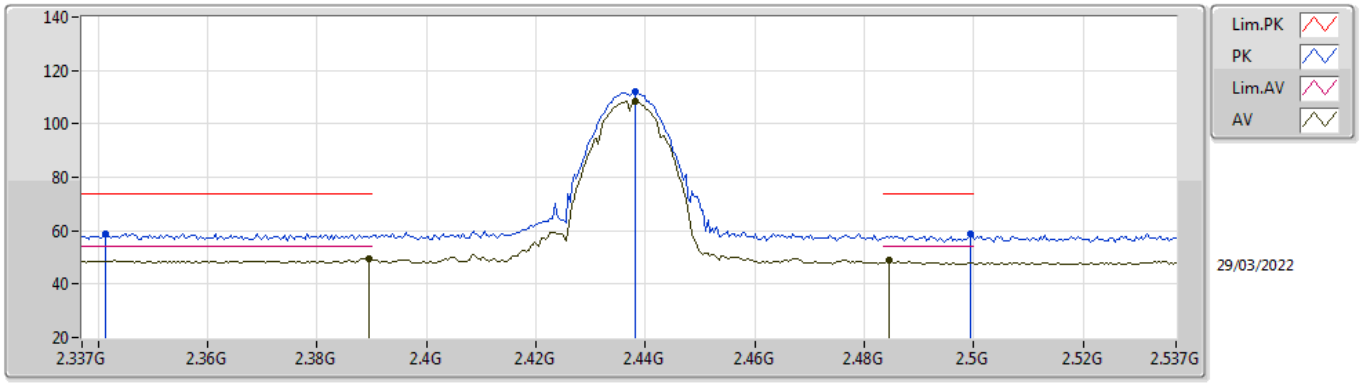
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3418G	48.90	54.00	-5.10	35.05	3	Vertical	178	2.77	-	13.85	27.82	7.23	-
AV	2.4358G	108.16	Inf	-Inf	34.78	3	Vertical	178	2.77	-	73.38	27.49	7.29	-
AV	2.485G	48.76	54.00	-5.24	34.73	3	Vertical	178	2.77	-	14.03	27.40	7.33	-
PK	2.3898G	59.27	74.00	-14.73	34.98	3	Vertical	178	2.77	-	24.29	27.72	7.26	-
PK	2.4382G	111.94	Inf	-Inf	34.76	3	Vertical	178	2.77	-	77.18	27.47	7.29	-
PK	2.489G	58.88	74.00	-15.12	34.73	3	Vertical	178	2.77	-	24.15	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

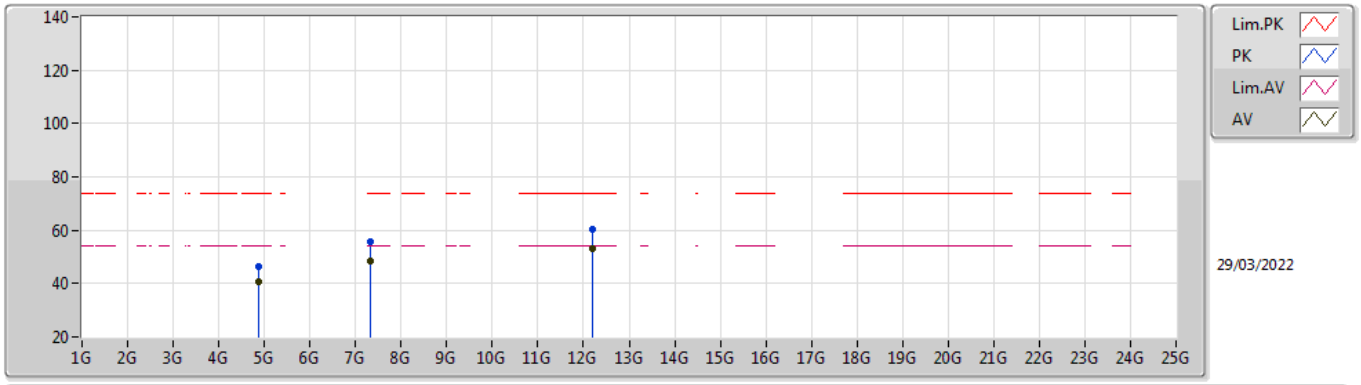
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	49.64	54.00	-4.36	34.98	3	Horizontal	0	1.00	-	14.66	27.72	7.26	-
AV	2.4382G	108.36	Inf	-Inf	34.76	3	Horizontal	0	1.00	-	73.60	27.47	7.29	-
AV	2.4846G	48.89	54.00	-5.11	34.73	3	Horizontal	0	1.00	-	14.16	27.40	7.33	-
PK	2.3414G	59.00	74.00	-15.00	35.05	3	Horizontal	0	1.00	-	23.95	27.82	7.23	-
PK	2.4382G	112.05	Inf	-Inf	34.76	3	Horizontal	0	1.00	-	77.29	27.47	7.29	-
PK	2.4994G	58.59	74.00	-15.41	34.74	3	Horizontal	0	1.00	-	23.85	27.40	7.34	-

802.11b_Nss1,(1Mbps)_2TX

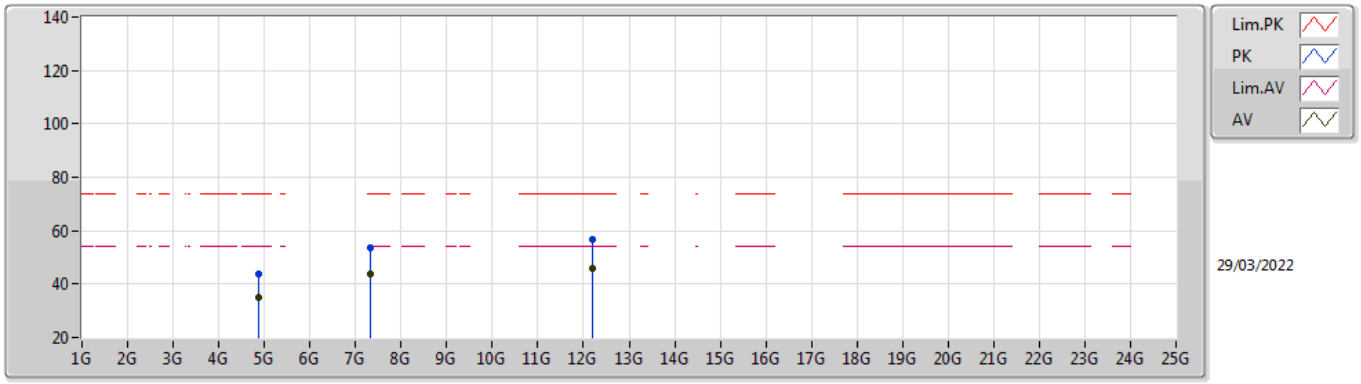
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	40.52	54.00	-13.48	6.00	3	Vertical	19	2.68	-	34.52	31.20	8.96	34.16
AV	7.31168G	48.52	54.00	-5.48	12.50	3	Vertical	336	2.45	-	36.02	36.38	10.62	34.50
AV	12.18572G	52.91	54.00	-1.09	17.86	3	Vertical	76	2.66	-	35.05	38.93	13.17	34.24
PK	4.87404G	46.41	74.00	-27.59	6.00	3	Vertical	19	2.68	-	40.41	31.20	8.96	34.16
PK	7.31188G	55.78	74.00	-18.22	12.50	3	Vertical	336	2.45	-	43.28	36.38	10.62	34.50
PK	12.18572G	60.32	74.00	-13.68	17.86	3	Vertical	76	2.66	-	42.46	38.93	13.17	34.24

802.11b_Nss1,(1Mbps)_2TX

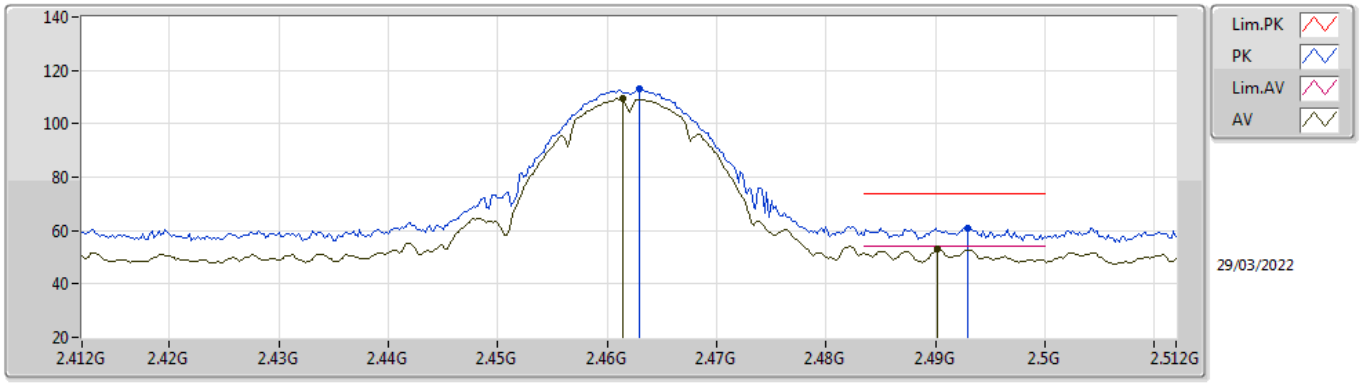
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87404G	34.81	54.00	-19.19	6.00	3	Horizontal	154	2.96	-	28.81	31.20	8.96	34.16
AV	7.31184G	43.54	54.00	-10.46	12.50	3	Horizontal	170	2.93	-	31.04	36.38	10.62	34.50
AV	12.1856G	45.92	54.00	-8.08	17.86	3	Horizontal	357	2.96	-	28.06	38.93	13.17	34.24
PK	4.874G	44.05	74.00	-29.95	6.00	3	Horizontal	154	2.96	-	38.05	31.20	8.96	34.16
PK	7.31136G	53.47	74.00	-20.53	12.50	3	Horizontal	170	2.93	-	40.97	36.38	10.62	34.50
PK	12.18572G	56.61	74.00	-17.39	17.86	3	Horizontal	357	2.96	-	38.75	38.93	13.17	34.24

802.11b_Nss1,(1Mbps)_2TX

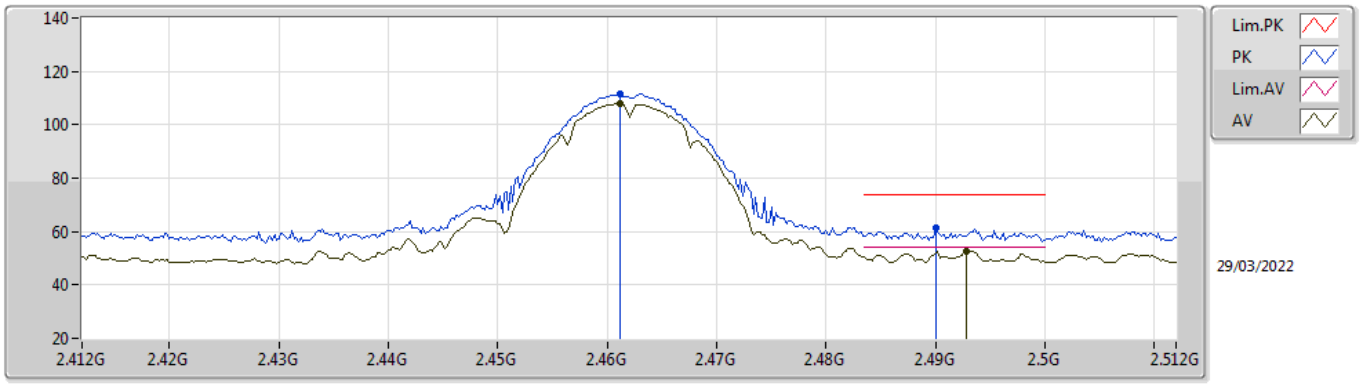
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4614G	109.41	Inf	-Inf	34.71	3	Vertical	19	2.70	-	74.70	27.40	7.31	-
AV	2.4902G	52.94	54.00	-1.06	34.73	3	Vertical	19	2.70	-	18.21	27.40	7.33	-
PK	2.463G	112.87	Inf	-Inf	34.71	3	Vertical	19	2.70	-	78.16	27.40	7.31	-
PK	2.493G	61.06	74.00	-12.94	34.73	3	Vertical	19	2.70	-	26.33	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

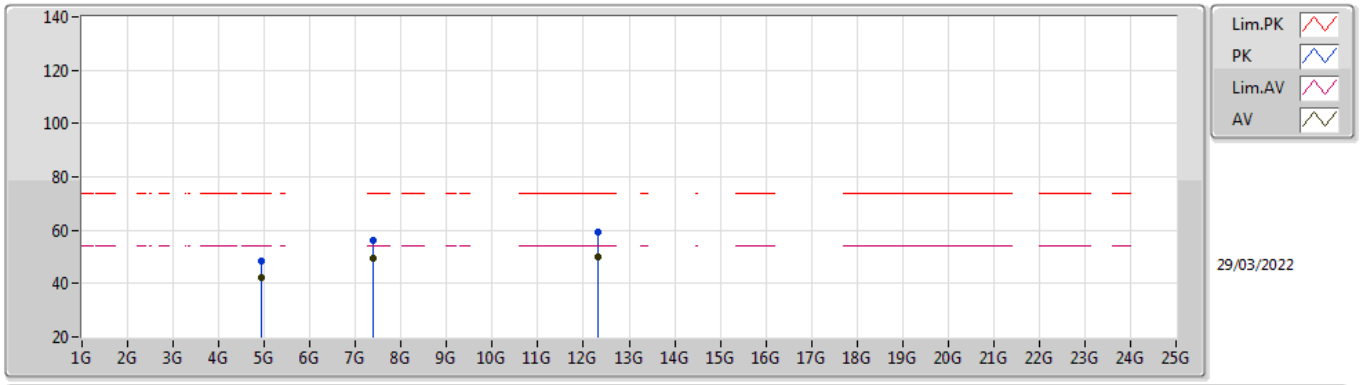
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	108.05	Inf	-Inf	34.71	3	Horizontal	0	1.00	-	73.34	27.40	7.31	-
AV	2.4928G	52.65	54.00	-1.35	34.73	3	Horizontal	0	1.00	-	17.92	27.40	7.33	-
PK	2.4612G	111.70	Inf	-Inf	34.71	3	Horizontal	0	1.00	-	76.99	27.40	7.31	-
PK	2.49G	61.25	74.00	-12.75	34.73	3	Horizontal	0	1.00	-	26.52	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

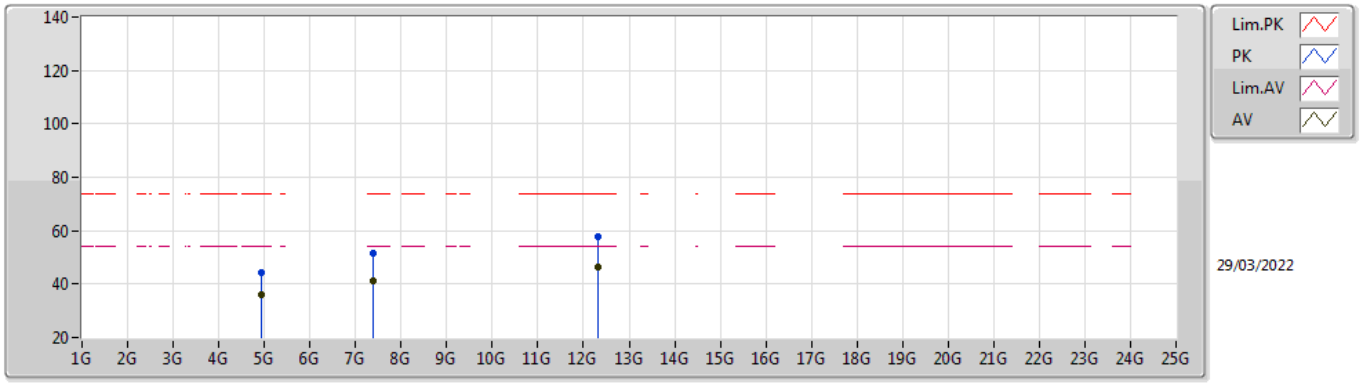
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	42.44	54.00	-11.56	6.15	3	Vertical	15	2.81	-	36.29	31.30	8.99	34.14
AV	7.38532G	49.48	54.00	-4.52	12.44	3	Vertical	18	2.39	-	37.04	36.23	10.70	34.49
AV	12.31068G	49.92	54.00	-4.08	17.94	3	Vertical	268	2.57	-	31.98	38.86	13.25	34.17
PK	4.92404G	48.48	74.00	-25.52	6.15	3	Vertical	15	2.81	-	42.33	31.30	8.99	34.14
PK	7.38656G	55.96	74.00	-18.04	12.44	3	Vertical	18	2.39	-	43.52	36.23	10.70	34.49
PK	12.30844G	59.53	74.00	-14.47	17.94	3	Vertical	268	2.57	-	41.59	38.87	13.25	34.18

802.11b_Nss1,(1Mbps)_2TX

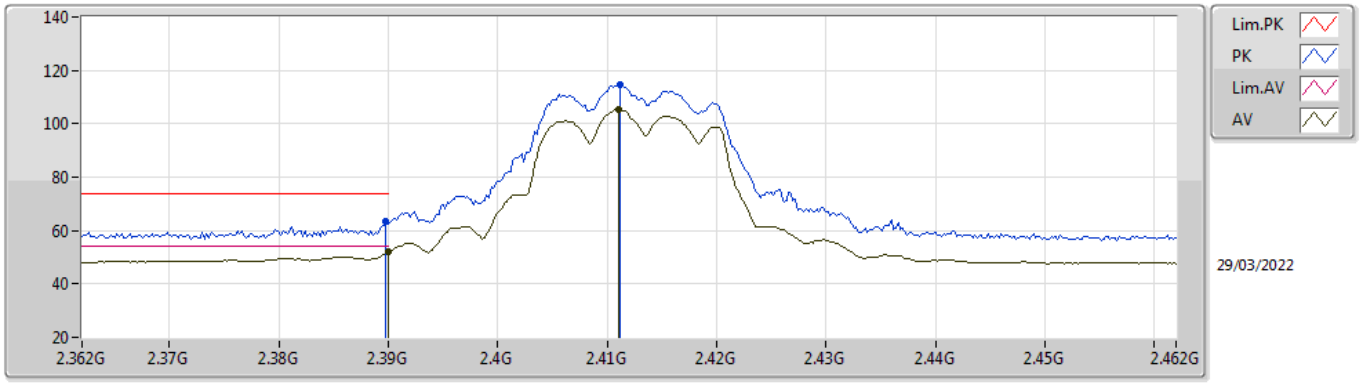
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92392G	36.13	54.00	-17.87	6.15	3	Horizontal	166	1.99	-	29.98	31.30	8.99	34.14
AV	7.38516G	41.23	54.00	-12.77	12.44	3	Horizontal	226	2.20	-	28.79	36.23	10.70	34.49
AV	12.30916G	46.31	54.00	-7.69	17.93	3	Horizontal	357	3.00	-	28.38	38.86	13.25	34.18
PK	4.92392G	44.47	74.00	-29.53	6.15	3	Horizontal	166	1.99	-	38.32	31.30	8.99	34.14
PK	7.38696G	51.59	74.00	-22.41	12.44	3	Horizontal	226	2.20	-	39.15	36.23	10.70	34.49
PK	12.31016G	57.63	74.00	-16.37	17.94	3	Horizontal	357	3.00	-	39.69	38.86	13.25	34.17

802.11g_Nss1,(6Mbps)_2TX

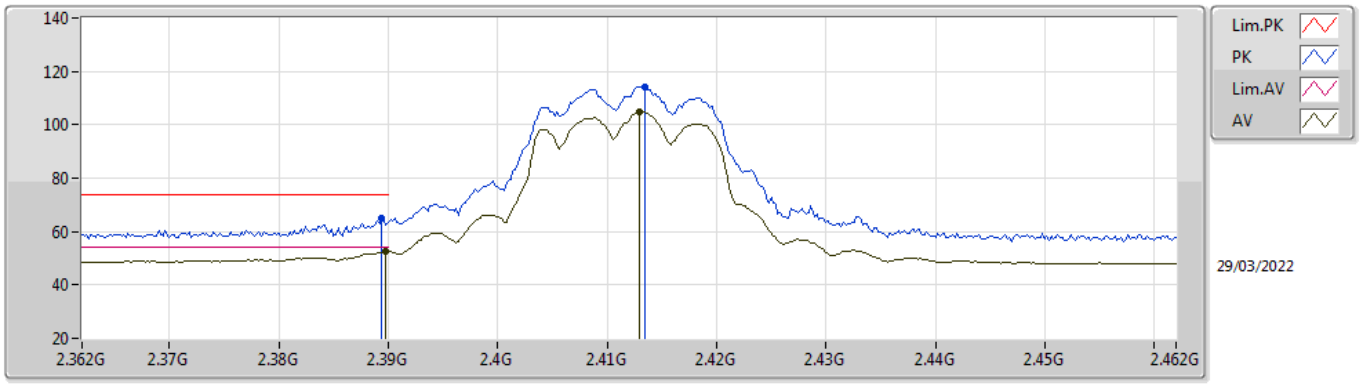
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.01	54.00	-1.99	34.98	3	Vertical	253	1.09	-	17.03	27.72	7.26	-
AV	2.411G	105.25	Inf	-Inf	34.90	3	Vertical	253	1.09	-	70.35	27.63	7.27	-
PK	2.3898G	63.58	74.00	-10.42	34.98	3	Vertical	253	1.09	-	28.60	27.72	7.26	-
PK	2.4112G	114.56	Inf	-Inf	34.90	3	Vertical	253	1.09	-	79.66	27.63	7.27	-

802.11g_Nss1,(6Mbps)_2TX

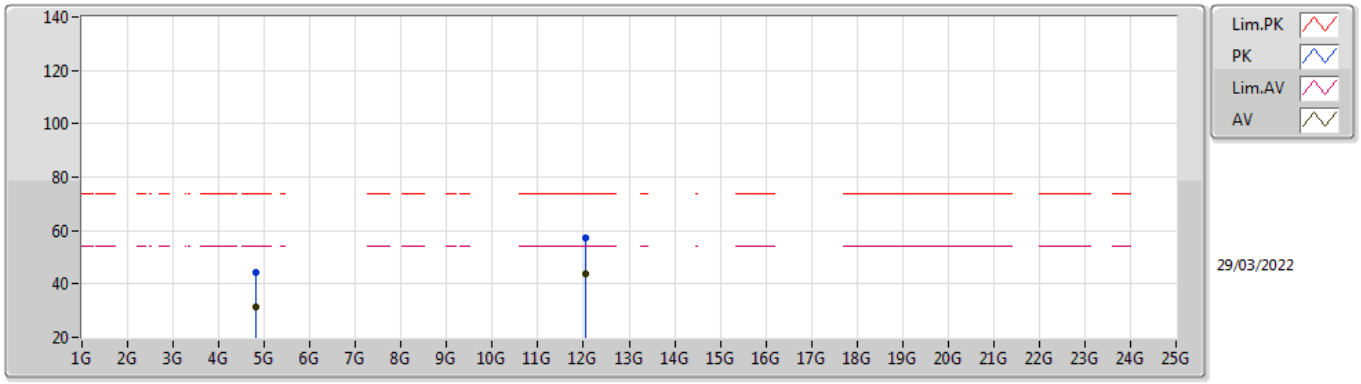
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	52.63	54.00	-1.37	34.98	3	Horizontal	6	1.00	-	17.65	27.72	7.26	-
AV	2.413G	104.89	Inf	-Inf	34.89	3	Horizontal	6	1.00	-	70.00	27.62	7.27	-
PK	2.3894G	64.98	74.00	-9.02	34.98	3	Horizontal	6	1.00	-	30.00	27.72	7.26	-
PK	2.4134G	114.12	Inf	-Inf	34.89	3	Horizontal	6	1.00	-	79.23	27.62	7.27	-

802.11g_Nss1,(6Mbps)_2TX

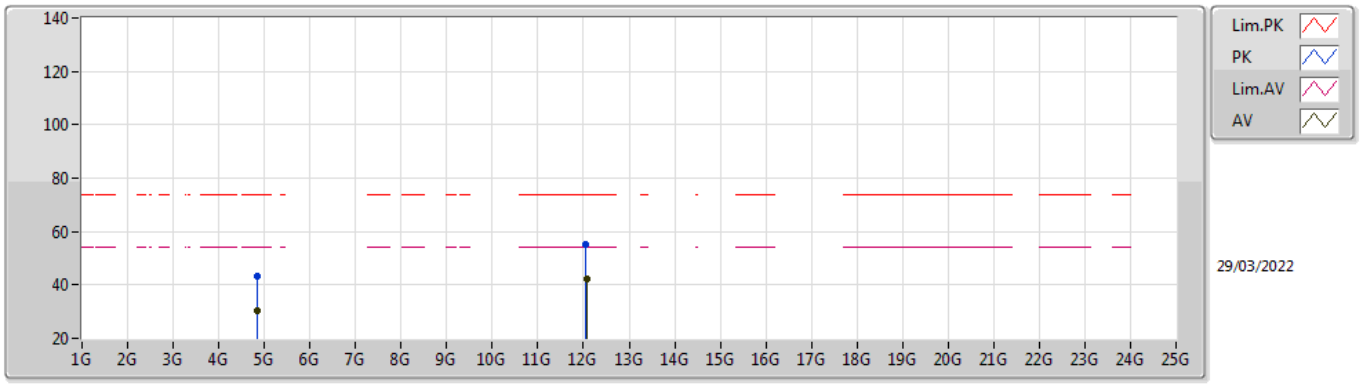
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	31.43	54.00	-22.57	5.89	3	Vertical	173	1.50	-	25.54	31.15	8.92	34.18
AV	12.05996G	43.72	54.00	-10.28	17.81	3	Vertical	76	2.16	-	25.91	39.02	13.09	34.30
PK	4.8162G	44.19	74.00	-29.81	5.85	3	Vertical	173	1.50	-	38.34	31.13	8.91	34.19
PK	12.06016G	57.22	74.00	-16.78	17.81	3	Vertical	76	2.16	-	39.41	39.02	13.09	34.30

802.11g_Nss1,(6Mbps)_2TX

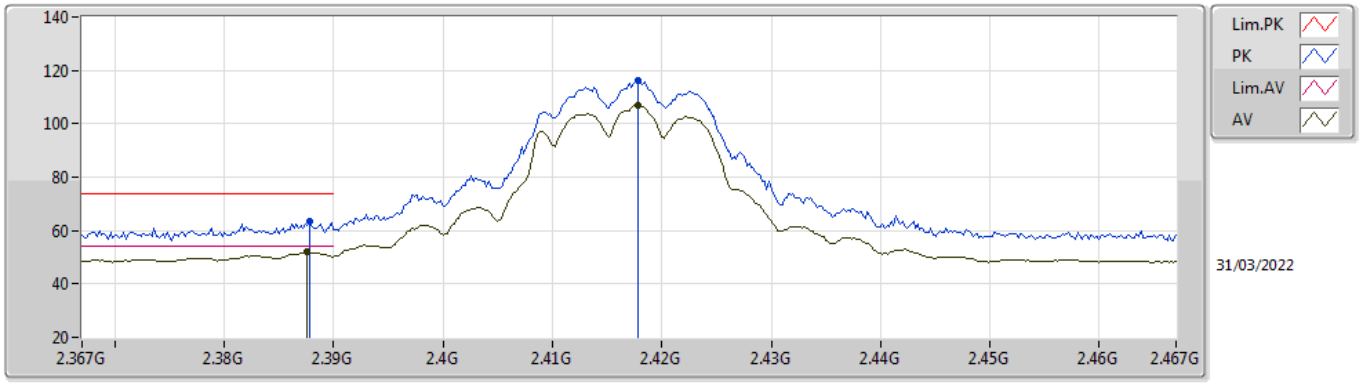
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.83084G	30.24	54.00	-23.76	5.90	3	Horizontal	66	1.01	-	24.34	31.16	8.92	34.18
AV	12.07G	42.23	54.00	-11.77	17.83	3	Horizontal	64	1.50	-	24.40	39.04	13.09	34.30
PK	4.83G	43.48	74.00	-30.52	5.90	3	Horizontal	66	1.01	-	37.58	31.16	8.92	34.18
PK	12.06012G	55.10	74.00	-18.90	17.81	3	Horizontal	64	1.50	-	37.29	39.02	13.09	34.30

802.11g_Nss1,(6Mbps)_2TX

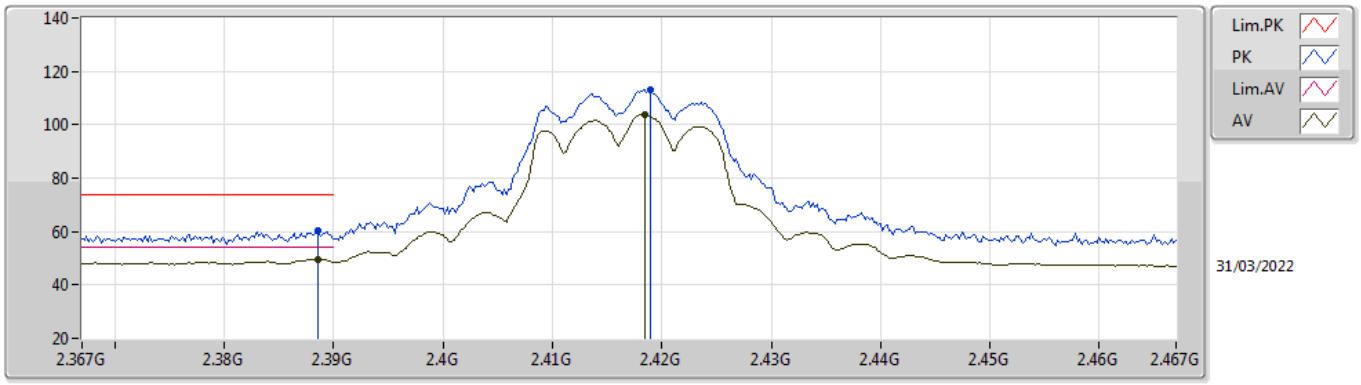
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3876G	51.93	54.00	-2.07	34.97	3	Vertical	31	2.92	-	16.96	27.72	7.25	-
AV	2.4178G	107.01	Inf	-Inf	34.86	3	Vertical	31	2.92	-	72.15	27.59	7.27	-
PK	2.3878G	63.36	74.00	-10.64	34.97	3	Vertical	31	2.92	-	28.39	27.72	7.25	-
PK	2.4178G	116.41	Inf	-Inf	34.86	3	Vertical	31	2.92	-	81.55	27.59	7.27	-

802.11g_Nss1,(6Mbps)_2TX

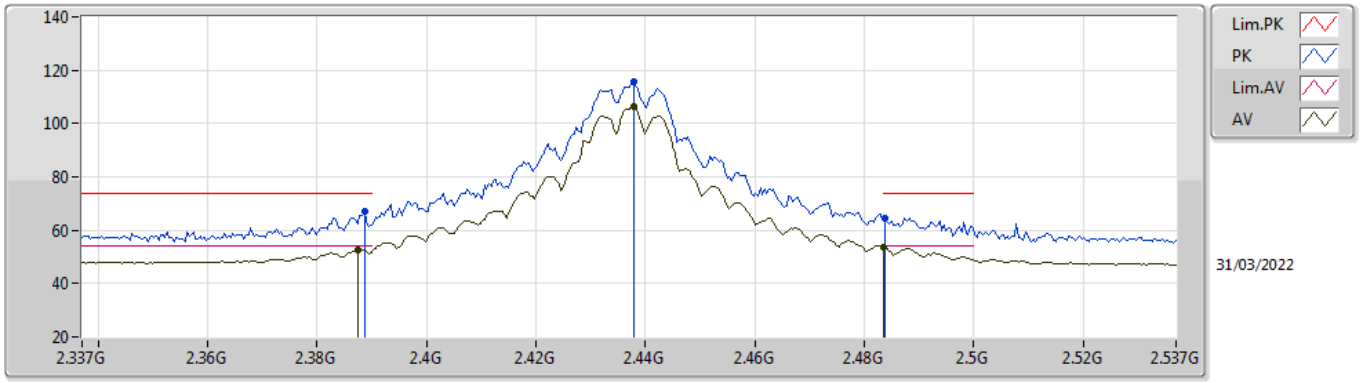
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3886G	49.72	54.00	-4.28	34.97	3	Horizontal	324	1.26	-	14.75	27.72	7.25	-
AV	2.4184G	103.77	Inf	-Inf	34.86	3	Horizontal	324	1.26	-	68.91	27.59	7.27	-
PK	2.3886G	60.18	74.00	-13.82	34.97	3	Horizontal	324	1.26	-	25.21	27.72	7.25	-
PK	2.419G	113.00	Inf	-Inf	34.87	3	Horizontal	324	1.26	-	78.13	27.59	7.28	-

802.11g_Nss1,(6Mbps)_2TX

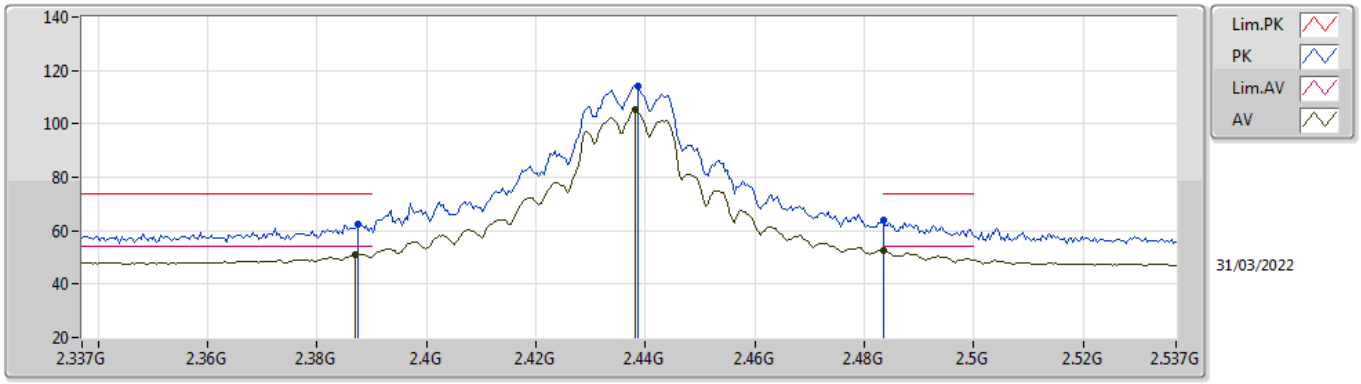
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3874G	52.58	54.00	-1.42	34.98	3	Vertical	170	2.56	-	17.60	27.73	7.25	-
AV	2.4378G	106.45	Inf	-Inf	34.76	3	Vertical	170	2.56	-	71.69	27.47	7.29	-
AV	2.4835G	53.74	54.00	-0.26	34.73	3	Vertical	170	2.56	-	19.01	27.40	7.33	-
PK	2.3886G	67.11	74.00	-6.89	34.97	3	Vertical	170	2.56	-	32.14	27.72	7.25	-
PK	2.4378G	115.51	Inf	-Inf	34.76	3	Vertical	170	2.56	-	80.75	27.47	7.29	-
PK	2.4838G	64.56	74.00	-9.44	34.73	3	Vertical	170	2.56	-	29.83	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

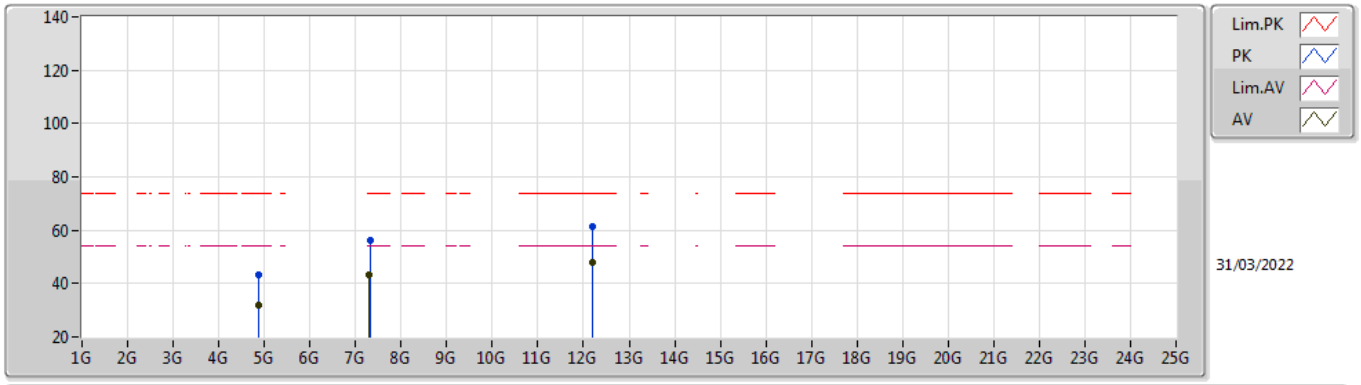
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.387G	51.27	54.00	-2.73	34.98	3	Horizontal	58	1.52	-	16.29	27.73	7.25	-
AV	2.4382G	105.36	Inf	-Inf	34.76	3	Horizontal	58	1.52	-	70.60	27.47	7.29	-
AV	2.4835G	52.36	54.00	-1.64	34.73	3	Horizontal	58	1.52	-	17.63	27.40	7.33	-
PK	2.3874G	62.56	74.00	-11.44	34.98	3	Horizontal	58	1.52	-	27.58	27.73	7.25	-
PK	2.4386G	114.18	Inf	-Inf	34.76	3	Horizontal	58	1.52	-	79.42	27.47	7.29	-
PK	2.4835G	63.98	74.00	-10.02	34.73	3	Horizontal	58	1.52	-	29.25	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

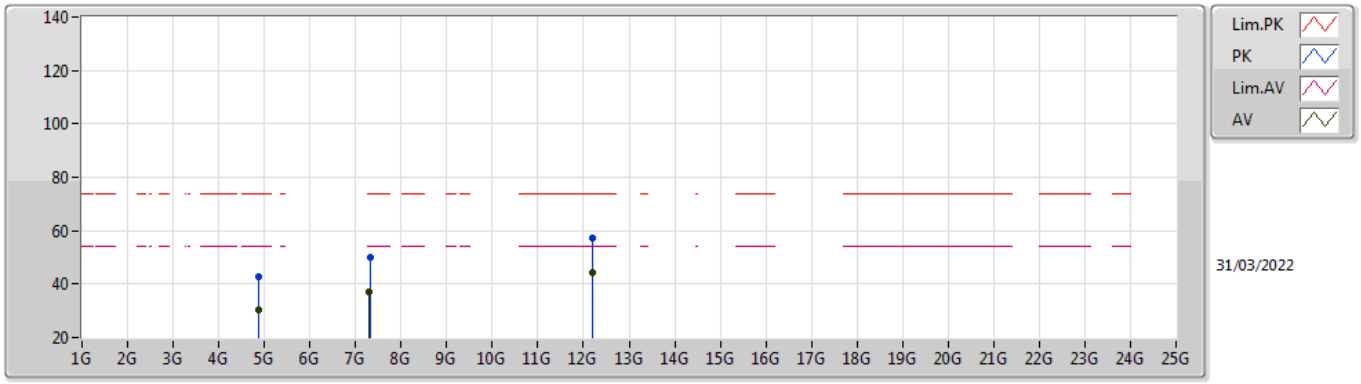
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87392G	31.68	54.00	-22.32	6.00	3	Vertical	177	1.48	-	25.68	31.20	8.96	34.16
AV	7.31016G	43.49	54.00	-10.51	12.50	3	Vertical	25	2.66	-	30.99	36.38	10.62	34.50
AV	12.189G	47.70	54.00	-6.30	17.85	3	Vertical	87	2.66	-	29.85	38.92	13.17	34.24
PK	4.86736G	43.12	74.00	-30.88	5.99	3	Vertical	177	1.48	-	37.13	31.20	8.95	34.16
PK	7.315G	56.22	74.00	-17.78	12.49	3	Vertical	25	2.66	-	43.73	36.37	10.62	34.50
PK	12.18476G	61.28	74.00	-12.72	17.86	3	Vertical	87	2.66	-	43.42	38.93	13.17	34.24

802.11g_Nss1,(6Mbps)_2TX

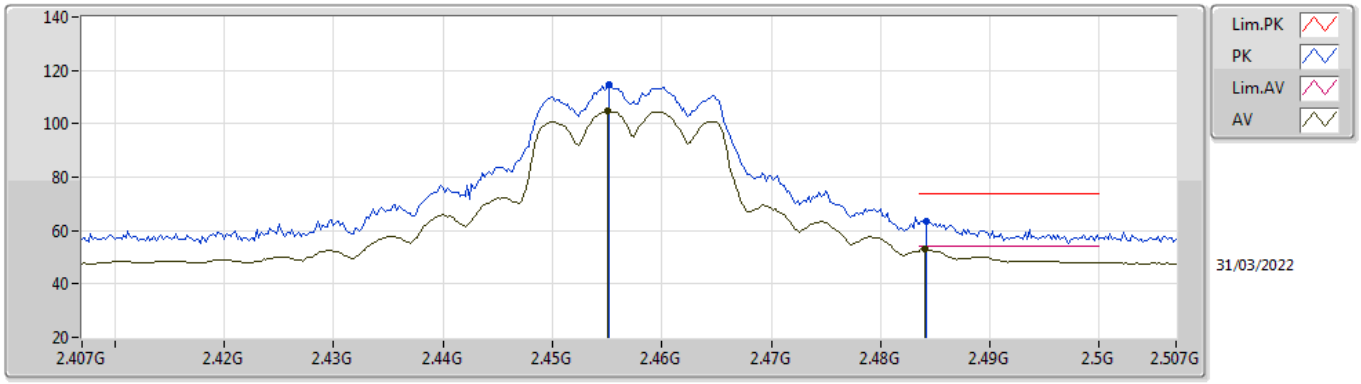
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87416G	30.57	54.00	-23.43	6.00	3	Horizontal	326	2.86	-	24.57	31.20	8.96	34.16
AV	7.30988G	37.32	54.00	-16.68	12.50	3	Horizontal	29	1.22	-	24.82	36.38	10.62	34.50
AV	12.18428G	44.28	54.00	-9.72	17.86	3	Horizontal	0	2.99	-	26.42	38.93	13.17	34.24
PK	4.87256G	42.89	74.00	-31.11	5.99	3	Horizontal	326	2.86	-	36.90	31.20	8.95	34.16
PK	7.311G	50.12	74.00	-23.88	12.50	3	Horizontal	29	1.22	-	37.62	36.38	10.62	34.50
PK	12.18916G	57.28	74.00	-16.72	17.85	3	Horizontal	0	2.99	-	39.43	38.92	13.17	34.24

802.11g_Nss1,(6Mbps)_2TX

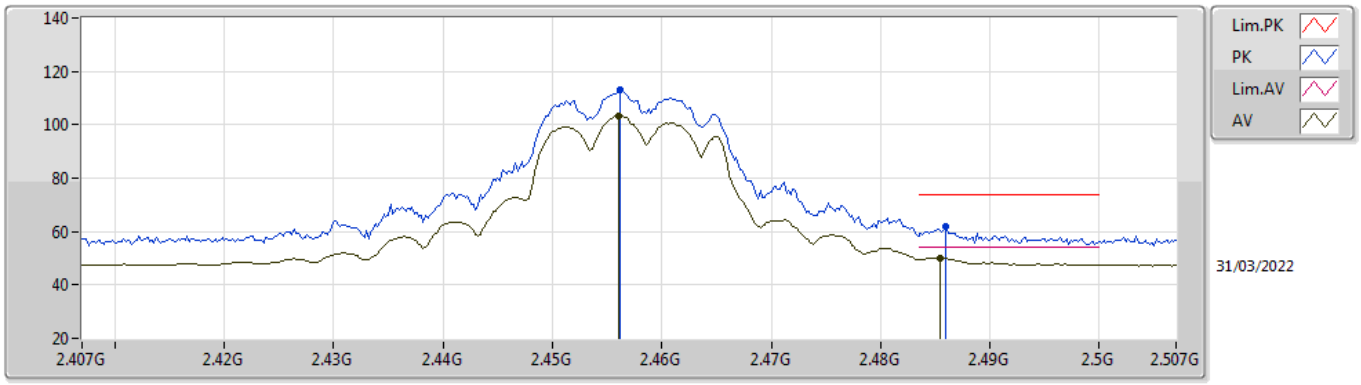
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.455G	104.66	Inf	-Inf	34.70	3	Vertical	168	2.82	-	69.96	27.40	7.30	-
AV	2.484G	52.93	54.00	-1.07	34.73	3	Vertical	168	2.82	-	18.20	27.40	7.33	-
PK	2.4552G	114.75	Inf	-Inf	34.70	3	Vertical	168	2.82	-	80.05	27.40	7.30	-
PK	2.4842G	63.61	74.00	-10.39	34.73	3	Vertical	168	2.82	-	28.88	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

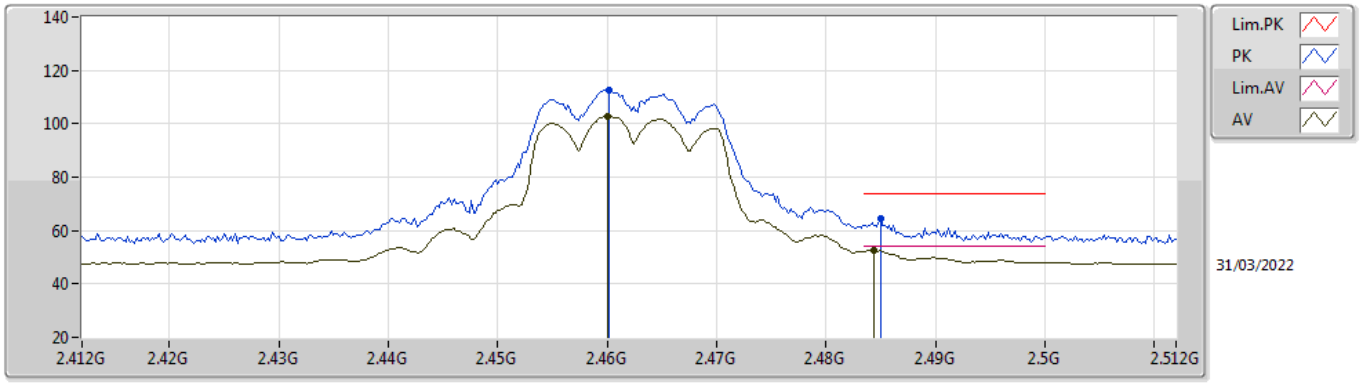
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.456G	103.52	Inf	-Inf	34.70	3	Horizontal	329	1.12	-	68.82	27.40	7.30	-
AV	2.4854G	50.07	54.00	-3.93	34.73	3	Horizontal	329	1.12	-	15.34	27.40	7.33	-
PK	2.4562G	113.14	Inf	-Inf	34.70	3	Horizontal	329	1.12	-	78.44	27.40	7.30	-
PK	2.486G	62.10	74.00	-11.90	34.73	3	Horizontal	329	1.12	-	27.37	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

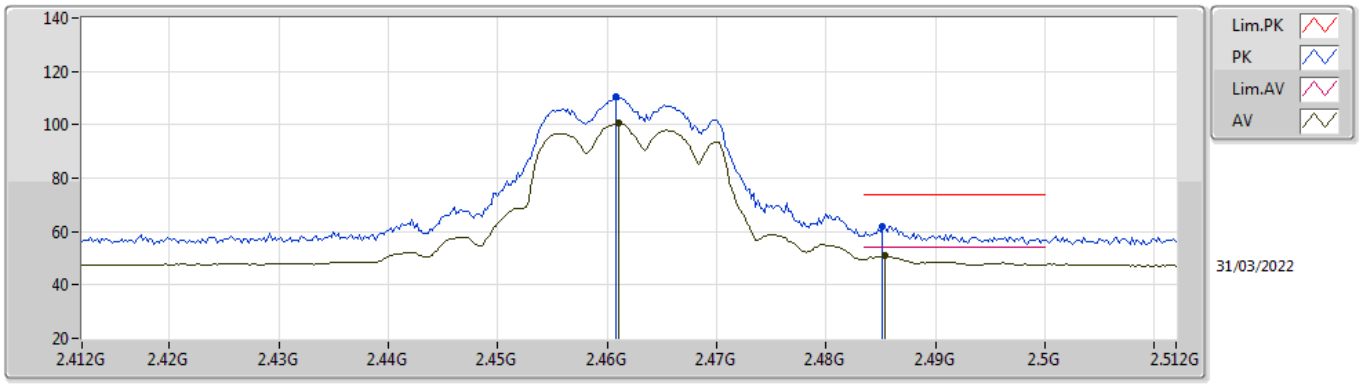
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.46G	102.83	Inf	-Inf	34.71	3	Vertical	170	2.05	-	68.12	27.40	7.31	-
AV	2.4844G	52.82	54.00	-1.18	34.73	3	Vertical	170	2.05	-	18.09	27.40	7.33	-
PK	2.4602G	112.38	Inf	-Inf	34.71	3	Vertical	170	2.05	-	77.67	27.40	7.31	-
PK	2.485G	64.55	74.00	-9.45	34.73	3	Vertical	170	2.05	-	29.82	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

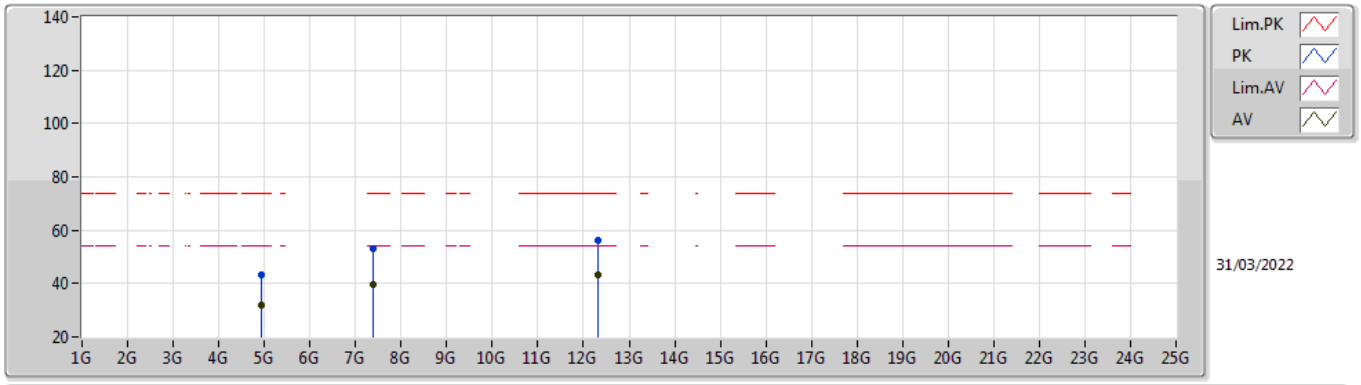
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.461G	100.54	Inf	-Inf	34.71	3	Horizontal	59	2.01	-	65.83	27.40	7.31	-
AV	2.4854G	50.98	54.00	-3.02	34.73	3	Horizontal	59	2.01	-	16.25	27.40	7.33	-
PK	2.4608G	110.72	Inf	-Inf	34.71	3	Horizontal	59	2.01	-	76.01	27.40	7.31	-
PK	2.4852G	62.08	74.00	-11.92	34.73	3	Horizontal	59	2.01	-	27.35	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

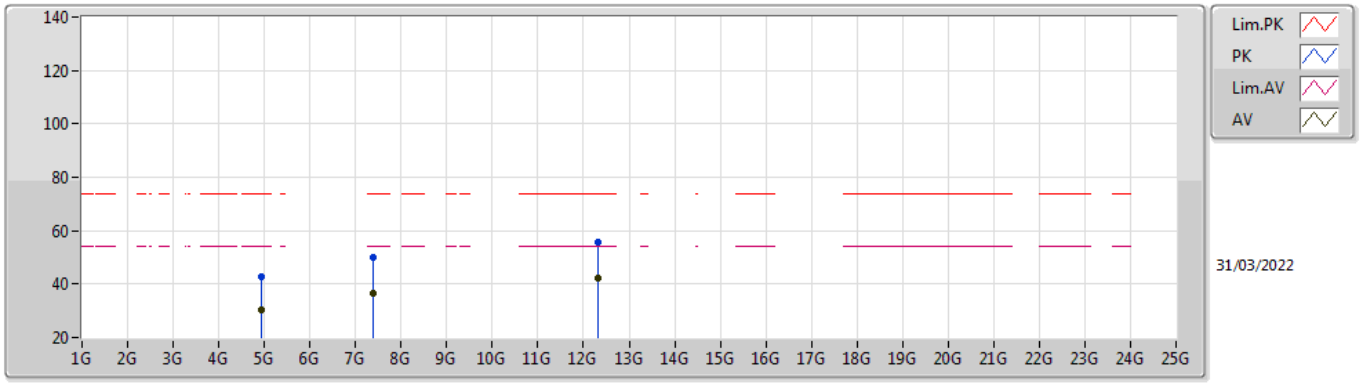
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	31.88	54.00	-22.12	6.15	3	Vertical	176	1.29	-	25.73	31.30	8.99	34.14
AV	7.38812G	39.79	54.00	-14.21	12.43	3	Vertical	27	2.64	-	27.36	36.22	10.70	34.49
AV	12.31196G	43.35	54.00	-10.65	17.93	3	Vertical	74	2.38	-	25.42	38.85	13.25	34.17
PK	4.92404G	43.20	74.00	-30.80	6.15	3	Vertical	176	1.29	-	37.05	31.30	8.99	34.14
PK	7.38792G	52.92	74.00	-21.08	12.43	3	Vertical	27	2.64	-	40.49	36.22	10.70	34.49
PK	12.31748G	55.96	74.00	-18.04	17.91	3	Vertical	74	2.38	-	38.05	38.83	13.25	34.17

802.11g_Nss1,(6Mbps)_2TX

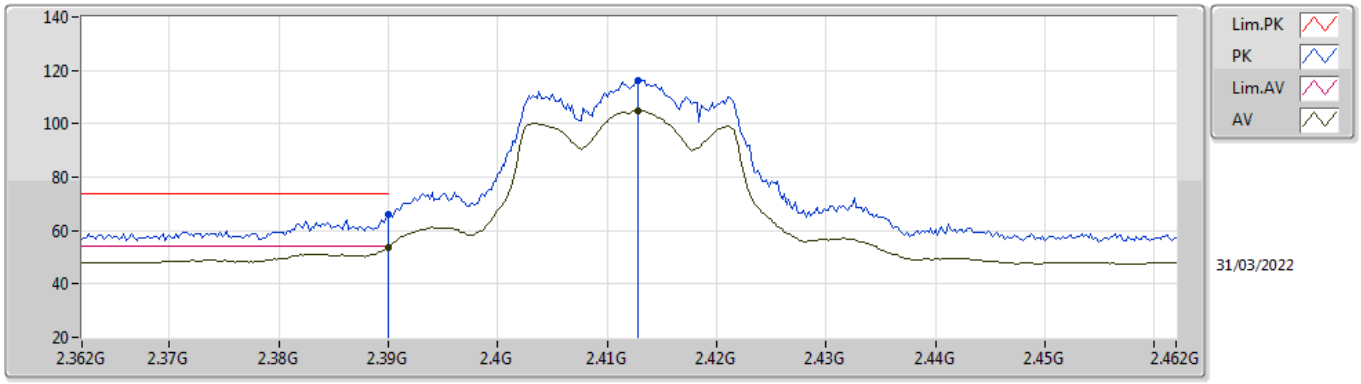
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92396G	30.18	54.00	-23.82	6.15	3	Horizontal	294	1.50	-	24.03	31.30	8.99	34.14
AV	7.38344G	36.63	54.00	-17.37	12.43	3	Horizontal	232	1.00	-	24.20	36.23	10.69	34.49
AV	12.31608G	42.43	54.00	-11.57	17.92	3	Horizontal	0	1.50	-	24.51	38.84	13.25	34.17
PK	4.924G	43.01	74.00	-30.99	6.15	3	Horizontal	294	1.50	-	36.86	31.30	8.99	34.14
PK	7.38252G	49.93	74.00	-24.07	12.43	3	Horizontal	232	1.00	-	37.50	36.23	10.69	34.49
PK	12.305G	55.60	74.00	-18.40	17.94	3	Horizontal	0	1.50	-	37.66	38.88	13.24	34.18

802.11ax HEW20_Nss1,(MCS0)_2TX

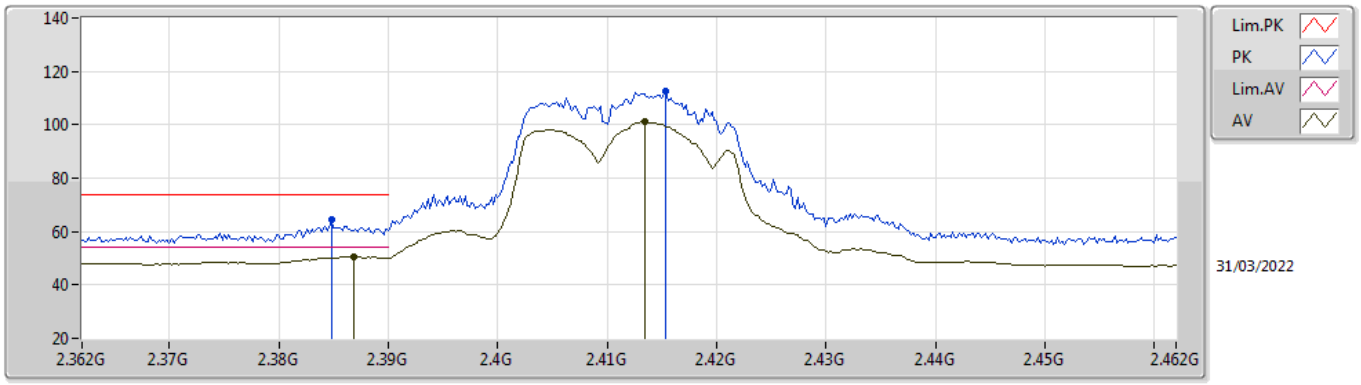
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	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	34.98	3	Vertical	169	2.32	-	18.42	27.72	7.26	-
AV	2.4128G	104.77	Inf	-Inf	34.89	3	Vertical	169	2.32	-	69.88	27.62	7.27	-
PK	2.39G	65.79	74.00	-8.21	34.98	3	Vertical	169	2.32	-	30.81	27.72	7.26	-
PK	2.4128G	116.33	Inf	-Inf	34.89	3	Vertical	169	2.32	-	81.44	27.62	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

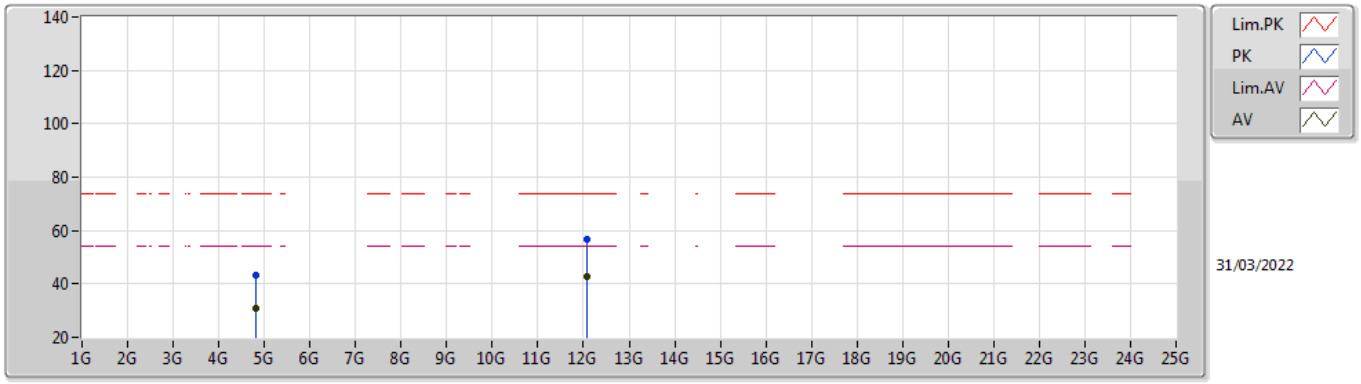
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3868G	50.70	54.00	-3.30	34.98	3	Horizontal	10	2.22	-	15.72	27.73	7.25	-
AV	2.4134G	101.07	Inf	-Inf	34.89	3	Horizontal	10	2.22	-	66.18	27.62	7.27	-
PK	2.3848G	64.35	74.00	-9.65	34.98	3	Horizontal	10	2.22	-	29.37	27.73	7.25	-
PK	2.4154G	112.64	Inf	-Inf	34.88	3	Horizontal	10	2.22	-	77.76	27.61	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

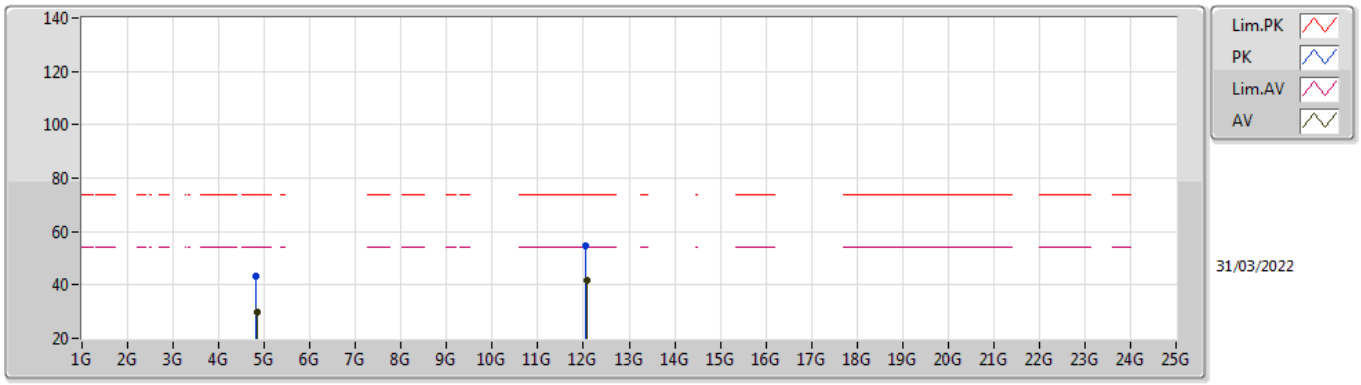
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82396G	30.96	54.00	-23.04	5.89	3	Vertical	175	2.04	-	25.07	31.15	8.92	34.18
AV	12.06476G	42.91	54.00	-11.09	17.82	3	Vertical	218	2.86	-	25.09	39.03	13.09	34.30
PK	4.82416G	43.30	74.00	-30.70	5.89	3	Vertical	175	2.04	-	37.41	31.15	8.92	34.18
PK	12.06476G	56.50	74.00	-17.50	17.82	3	Vertical	218	2.86	-	38.68	39.03	13.09	34.30

802.11ax HEW20_Nss1,(MCS0)_2TX

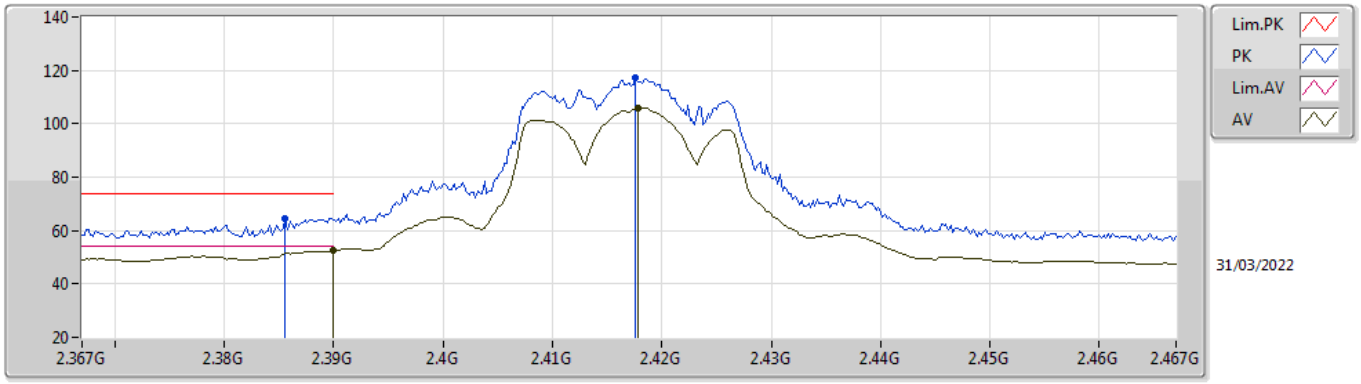
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.83296G	29.63	54.00	-24.37	5.91	3	Horizontal	356	1.50	-	23.72	31.17	8.92	34.18
AV	12.06912G	41.78	54.00	-12.22	17.83	3	Horizontal	311	1.50	-	23.95	39.04	13.09	34.30
PK	4.82496G	43.15	74.00	-30.85	5.89	3	Horizontal	356	1.50	-	37.26	31.15	8.92	34.18
PK	12.05804G	54.77	74.00	-19.23	17.81	3	Horizontal	311	1.50	-	36.96	39.02	13.09	34.30

802.11ax HEW20_Nss1,(MCS0)_2TX

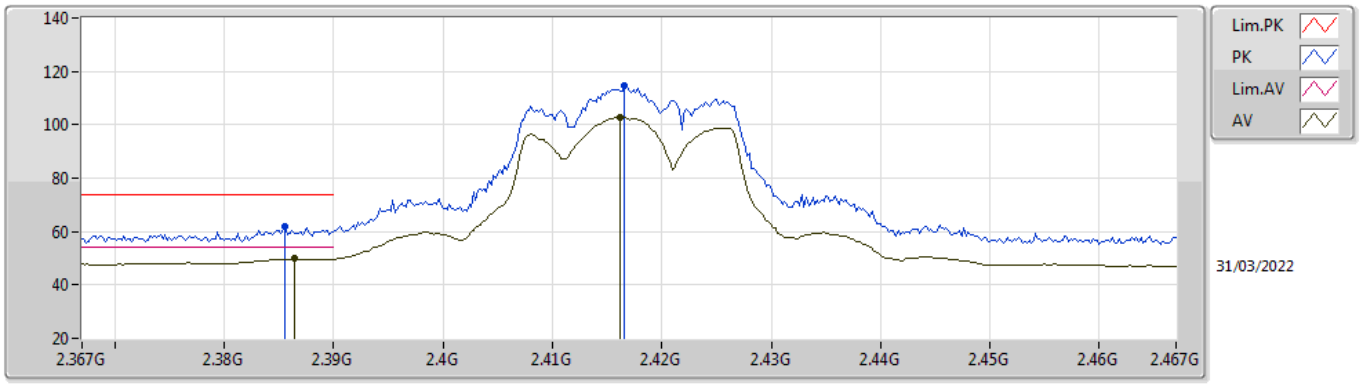
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.70	54.00	-1.30	34.98	3	Vertical	135	2.52	-	17.72	27.72	7.26	-
AV	2.4178G	105.87	Inf	-Inf	34.86	3	Vertical	135	2.52	-	71.01	27.59	7.27	-
PK	2.3856G	64.66	74.00	-9.34	34.98	3	Vertical	135	2.52	-	29.68	27.73	7.25	-
PK	2.4176G	117.13	Inf	-Inf	34.86	3	Vertical	135	2.52	-	82.27	27.59	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

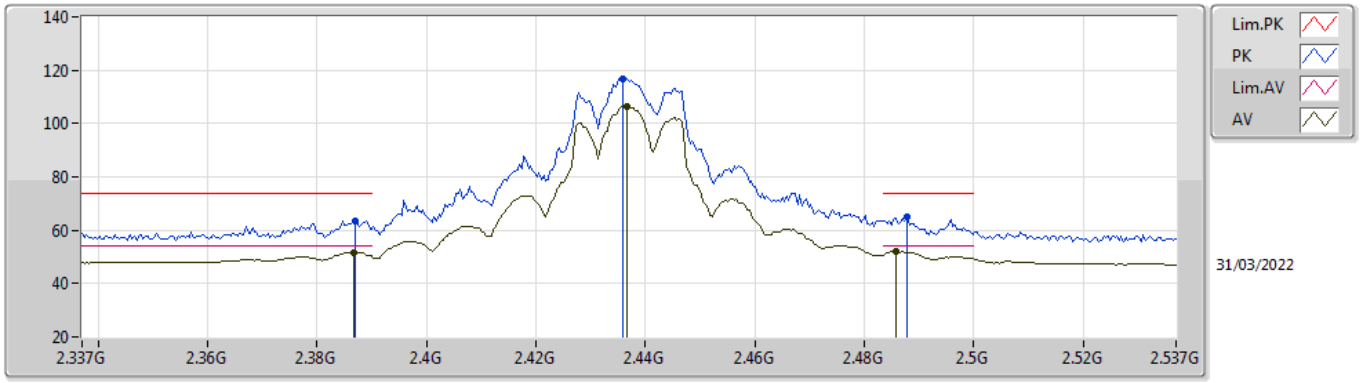
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3864G	49.76	54.00	-4.24	34.98	3	Horizontal	15	2.80	-	14.78	27.73	7.25	-
AV	2.4162G	102.85	Inf	-Inf	34.87	3	Horizontal	15	2.80	-	67.98	27.60	7.27	-
PK	2.3856G	61.66	74.00	-12.34	34.98	3	Horizontal	15	2.80	-	26.68	27.73	7.25	-
PK	2.4166G	114.89	Inf	-Inf	34.87	3	Horizontal	15	2.80	-	80.02	27.60	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

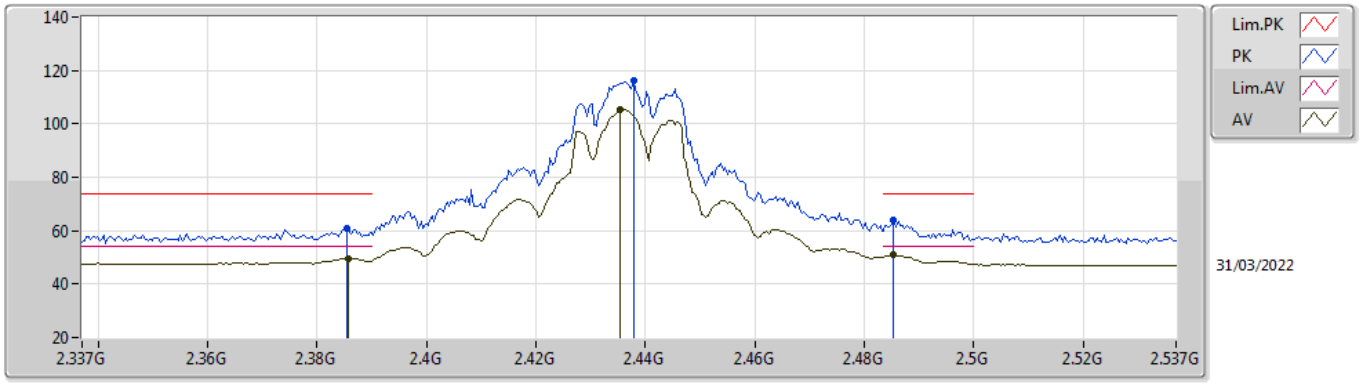
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3866G	51.81	54.00	-2.19	34.98	3	Vertical	211	1.43	-	16.83	27.73	7.25	-
AV	2.4366G	106.31	Inf	-Inf	34.77	3	Vertical	211	1.43	-	71.54	27.48	7.29	-
AV	2.4858G	52.07	54.00	-1.93	34.73	3	Vertical	211	1.43	-	17.34	27.40	7.33	-
PK	2.387G	63.59	74.00	-10.41	34.98	3	Vertical	211	1.43	-	28.61	27.73	7.25	-
PK	2.4358G	116.87	Inf	-Inf	34.78	3	Vertical	211	1.43	-	82.09	27.49	7.29	-
PK	2.4878G	64.95	74.00	-9.05	34.73	3	Vertical	211	1.43	-	30.22	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

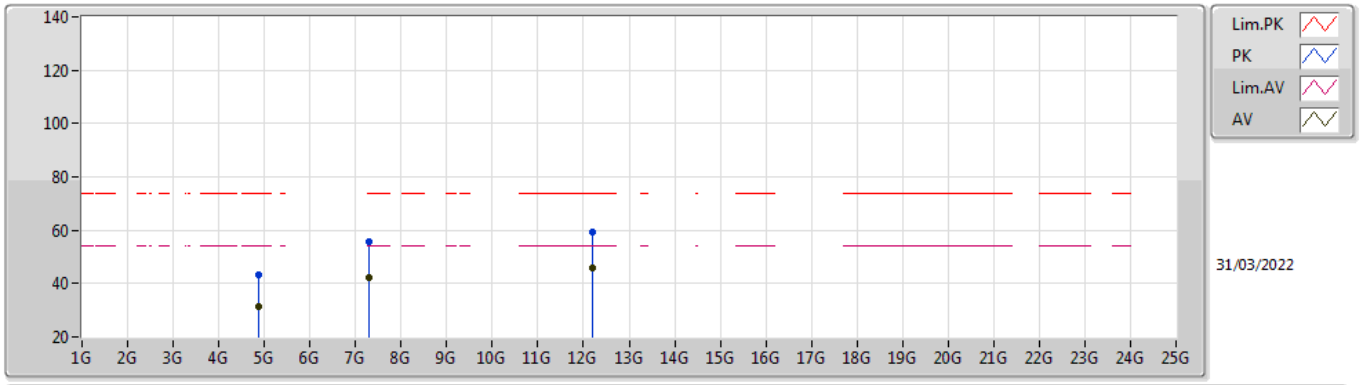
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3858G	49.62	54.00	-4.38	34.98	3	Horizontal	14	2.75	-	14.64	27.73	7.25	-
AV	2.4354G	105.22	Inf	-Inf	34.78	3	Horizontal	14	2.75	-	70.44	27.49	7.29	-
AV	2.4854G	50.86	54.00	-3.14	34.73	3	Horizontal	14	2.75	-	16.13	27.40	7.33	-
PK	2.3854G	60.93	74.00	-13.07	34.98	3	Horizontal	14	2.75	-	25.95	27.73	7.25	-
PK	2.4378G	116.27	Inf	-Inf	34.76	3	Horizontal	14	2.75	-	81.51	27.47	7.29	-
PK	2.4854G	63.97	74.00	-10.03	34.73	3	Horizontal	14	2.75	-	29.24	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

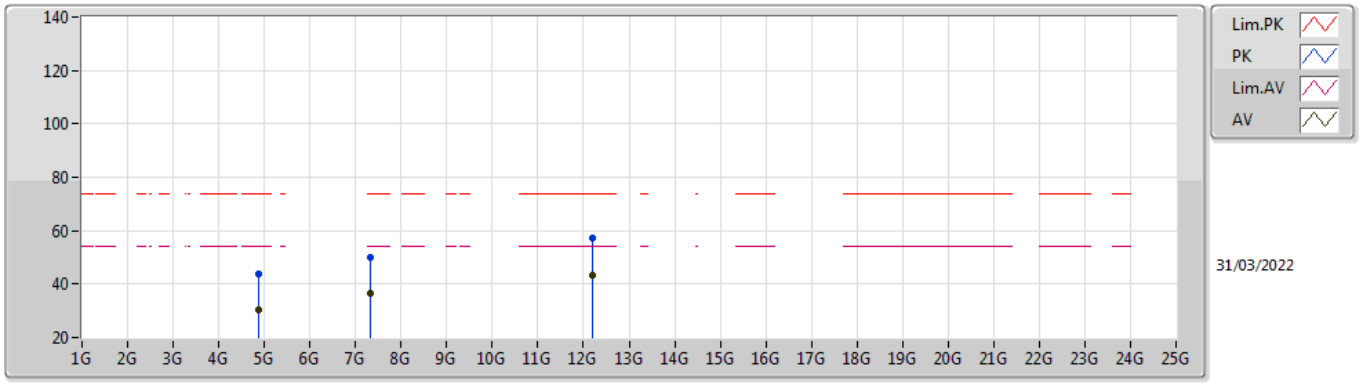
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87396G	31.60	54.00	-22.40	6.00	3	Vertical	175	1.21	-	25.60	31.20	8.96	34.16
AV	7.31004G	42.17	54.00	-11.83	12.50	3	Vertical	25	2.81	-	29.67	36.38	10.62	34.50
AV	12.18384G	46.03	54.00	-7.97	17.86	3	Vertical	88	2.56	-	28.17	38.93	13.17	34.24
PK	4.87644G	43.51	74.00	-30.49	6.00	3	Vertical	175	1.21	-	37.51	31.20	8.96	34.16
PK	7.31012G	55.76	74.00	-18.24	12.50	3	Vertical	25	2.81	-	43.26	36.38	10.62	34.50
PK	12.19344G	59.47	74.00	-14.53	17.85	3	Vertical	88	2.56	-	41.62	38.91	13.17	34.23

802.11ax HEW20_Nss1,(MCS0)_2TX

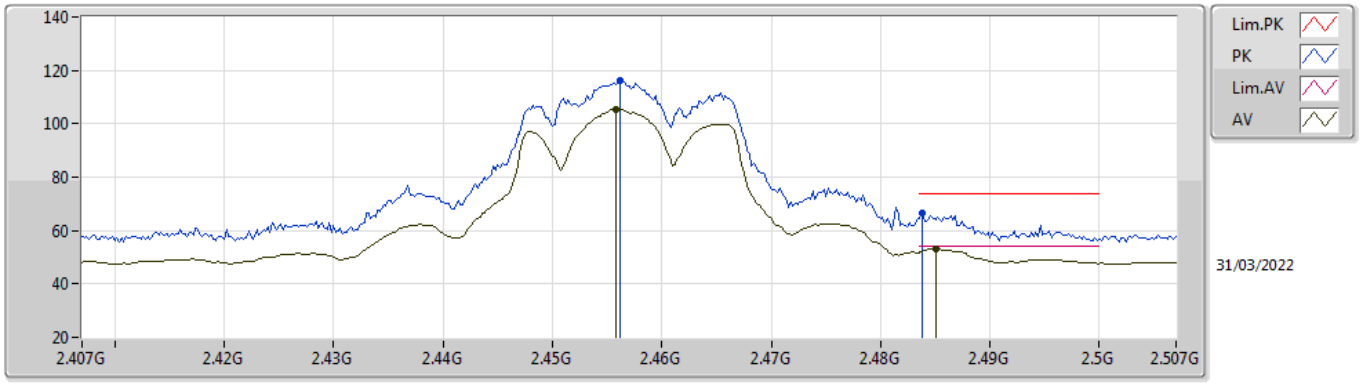
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87388G	30.31	54.00	-23.69	6.00	3	Horizontal	331	2.85	-	24.31	31.20	8.96	34.16
AV	7.31056G	36.73	54.00	-17.27	12.50	3	Horizontal	30	2.47	-	24.23	36.38	10.62	34.50
AV	12.18508G	43.25	54.00	-10.75	17.86	3	Horizontal	360	3.00	-	25.39	38.93	13.17	34.24
PK	4.87148G	43.85	74.00	-30.15	5.99	3	Horizontal	331	2.85	-	37.86	31.20	8.95	34.16
PK	7.31064G	49.85	74.00	-24.15	12.50	3	Horizontal	30	2.47	-	37.35	36.38	10.62	34.50
PK	12.18404G	57.48	74.00	-16.52	17.86	3	Horizontal	360	3.00	-	39.62	38.93	13.17	34.24

802.11ax HEW20_Nss1,(MCS0)_2TX

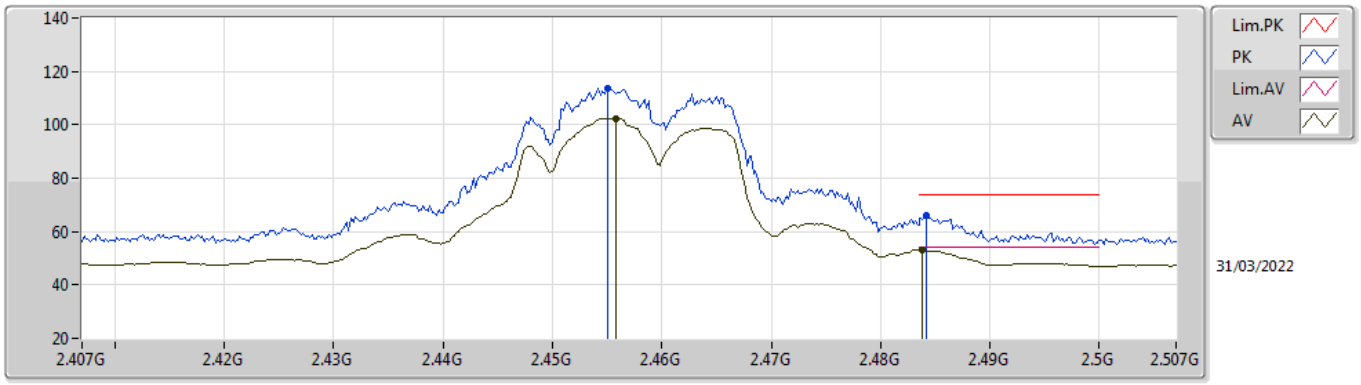
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4558G	105.18	Inf	-Inf	34.70	3	Vertical	210	2.01	-	70.48	27.40	7.30	-
AV	2.485G	53.21	54.00	-0.79	34.73	3	Vertical	210	2.01	-	18.48	27.40	7.33	-
PK	2.4562G	116.08	Inf	-Inf	34.70	3	Vertical	210	2.01	-	81.38	27.40	7.30	-
PK	2.4838G	66.54	74.00	-7.46	34.73	3	Vertical	210	2.01	-	31.81	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

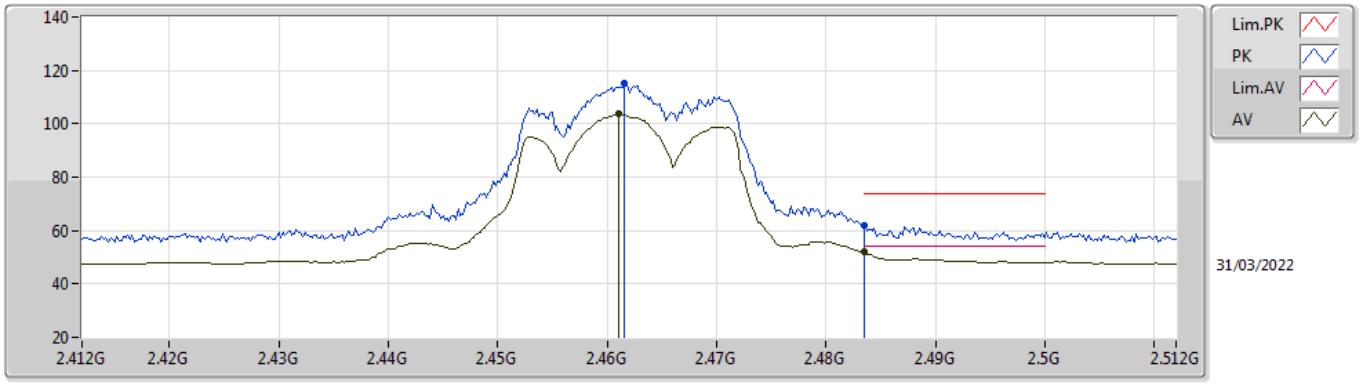
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4558G	102.38	Inf	-Inf	34.70	3	Horizontal	321	1.05	-	67.68	27.40	7.30	-
AV	2.4838G	53.26	54.00	-0.74	34.73	3	Horizontal	321	1.05	-	18.53	27.40	7.33	-
PK	2.455G	113.41	Inf	-Inf	34.70	3	Horizontal	321	1.05	-	78.71	27.40	7.30	-
PK	2.4842G	66.09	74.00	-7.91	34.73	3	Horizontal	321	1.05	-	31.36	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

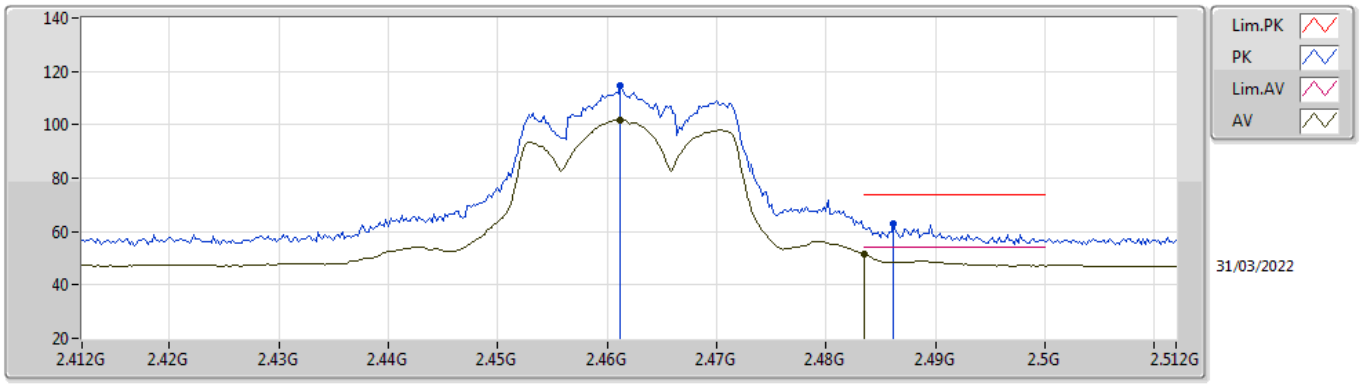
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.461G	103.54	Inf	-Inf	34.71	3	Vertical	213	2.19	-	68.83	27.40	7.31	-
AV	2.4835G	51.94	54.00	-2.06	34.73	3	Vertical	213	2.19	-	17.21	27.40	7.33	-
PK	2.4616G	115.24	Inf	-Inf	34.71	3	Vertical	213	2.19	-	80.53	27.40	7.31	-
PK	2.4835G	61.84	74.00	-12.16	34.73	3	Vertical	213	2.19	-	27.11	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

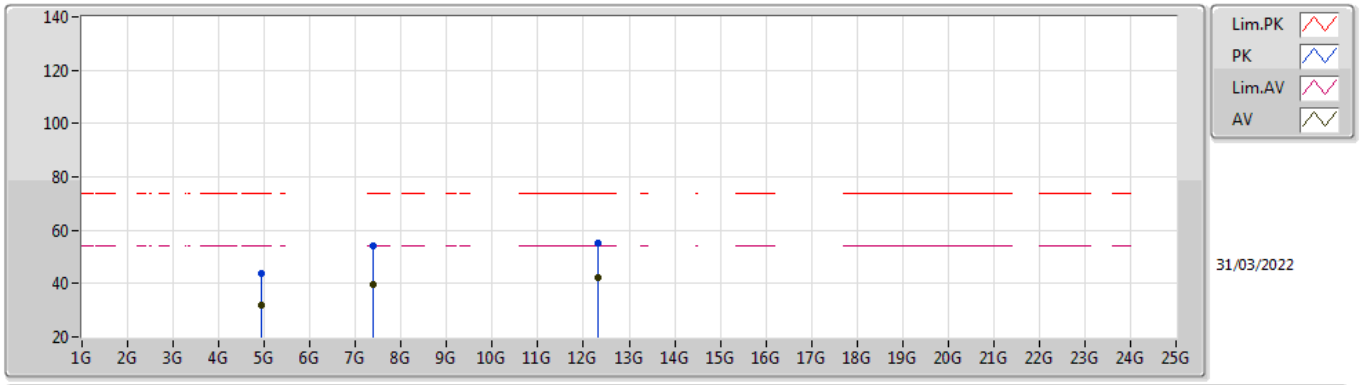
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	101.88	Inf	-Inf	34.71	3	Horizontal	14	3.00	-	67.17	27.40	7.31	-
AV	2.4835G	51.38	54.00	-2.62	34.73	3	Horizontal	14	3.00	-	16.65	27.40	7.33	-
PK	2.4612G	114.40	Inf	-Inf	34.71	3	Horizontal	14	3.00	-	79.69	27.40	7.31	-
PK	2.4862G	62.76	74.00	-11.24	34.73	3	Horizontal	14	3.00	-	28.03	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

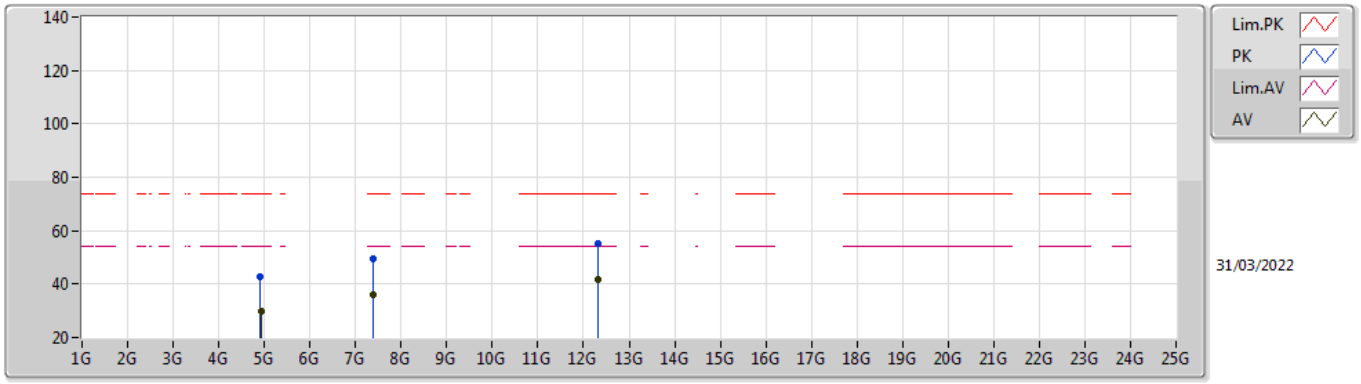
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92396G	31.67	54.00	-22.33	6.15	3	Vertical	176	1.24	-	25.52	31.30	8.99	34.14
AV	7.3868G	39.64	54.00	-14.36	12.44	3	Vertical	26	2.58	-	27.20	36.23	10.70	34.49
AV	12.31436G	42.01	54.00	-11.99	17.92	3	Vertical	354	1.50	-	24.09	38.84	13.25	34.17
PK	4.92416G	43.71	74.00	-30.29	6.15	3	Vertical	176	1.24	-	37.56	31.30	8.99	34.14
PK	7.38644G	54.09	74.00	-19.91	12.44	3	Vertical	26	2.58	-	41.65	36.23	10.70	34.49
PK	12.31804G	55.42	74.00	-18.58	17.91	3	Vertical	354	1.50	-	37.51	38.83	13.25	34.17

802.11ax HEW20_Nss1,(MCS0)_2TX

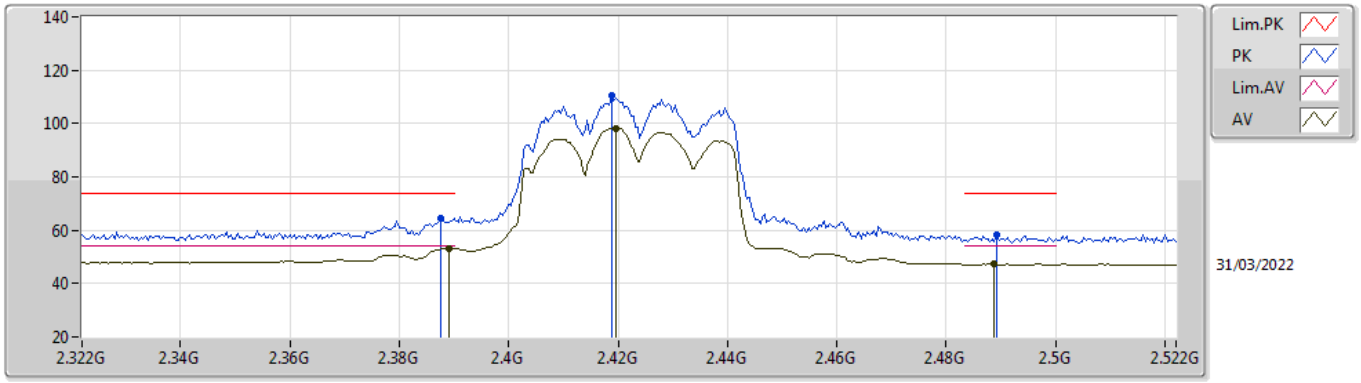
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92792G	29.70	54.00	-24.30	6.18	3	Horizontal	44	1.50	-	23.52	31.31	9.00	34.13
AV	7.38488G	36.12	54.00	-17.88	12.43	3	Horizontal	216	1.50	-	23.69	36.23	10.69	34.49
AV	12.31408G	41.95	54.00	-12.05	17.92	3	Horizontal	48	1.50	-	24.03	38.84	13.25	34.17
PK	4.91824G	42.90	74.00	-31.10	6.12	3	Horizontal	44	1.50	-	36.78	31.27	8.99	34.14
PK	7.38708G	49.60	74.00	-24.40	12.44	3	Horizontal	216	1.50	-	37.16	36.23	10.70	34.49
PK	12.31304G	54.96	74.00	-19.04	17.93	3	Horizontal	48	1.50	-	37.03	38.85	13.25	34.17

802.11ax HEW40_Nss1,(MCS0)_2TX

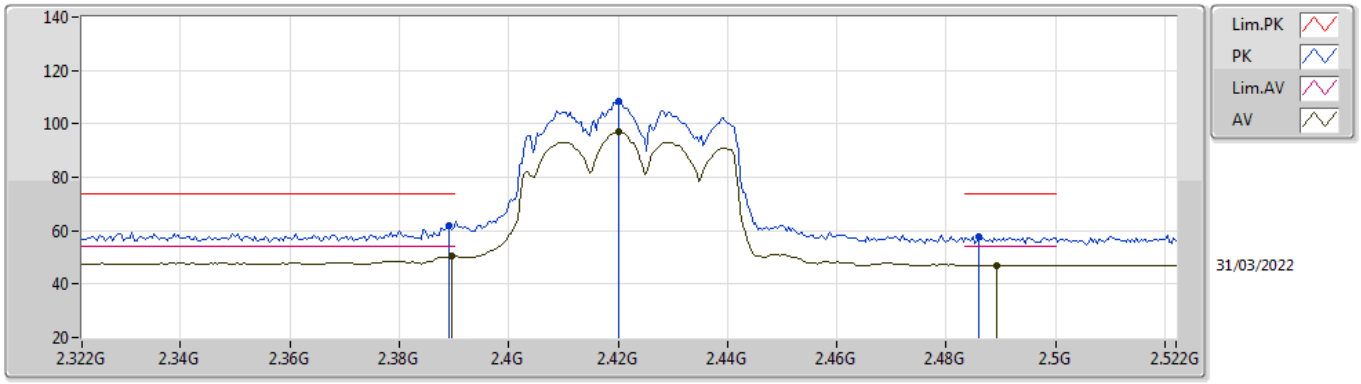
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	53.22	54.00	-0.78	34.98	3	Vertical	35	2.58	-	18.24	27.72	7.26	-
AV	2.4196G	98.32	Inf	-Inf	34.86	3	Vertical	35	2.58	-	63.46	27.58	7.28	-
AV	2.4888G	47.23	54.00	-6.77	34.73	3	Vertical	35	2.58	-	12.50	27.40	7.33	-
PK	2.3876G	64.62	74.00	-9.38	34.97	3	Vertical	35	2.58	-	29.65	27.72	7.25	-
PK	2.4188G	110.26	Inf	-Inf	34.87	3	Vertical	35	2.58	-	75.39	27.59	7.28	-
PK	2.4892G	58.05	74.00	-15.95	34.73	3	Vertical	35	2.58	-	23.32	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

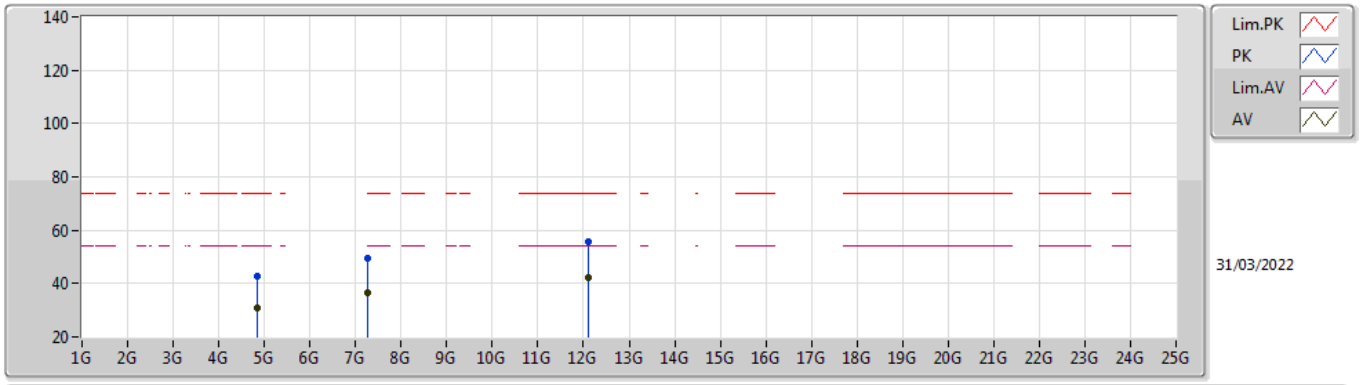
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	50.58	54.00	-3.42	34.98	3	Horizontal	321	1.27	-	15.60	27.72	7.26	-
AV	2.42G	97.03	Inf	-Inf	34.86	3	Horizontal	321	1.27	-	62.17	27.58	7.28	-
AV	2.4892G	47.15	54.00	-6.85	34.73	3	Horizontal	321	1.27	-	12.42	27.40	7.33	-
PK	2.3892G	61.82	74.00	-12.18	34.98	3	Horizontal	321	1.27	-	26.84	27.72	7.26	-
PK	2.42G	108.70	Inf	-Inf	34.86	3	Horizontal	321	1.27	-	73.84	27.58	7.28	-
PK	2.486G	57.75	74.00	-16.25	34.73	3	Horizontal	321	1.27	-	23.02	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

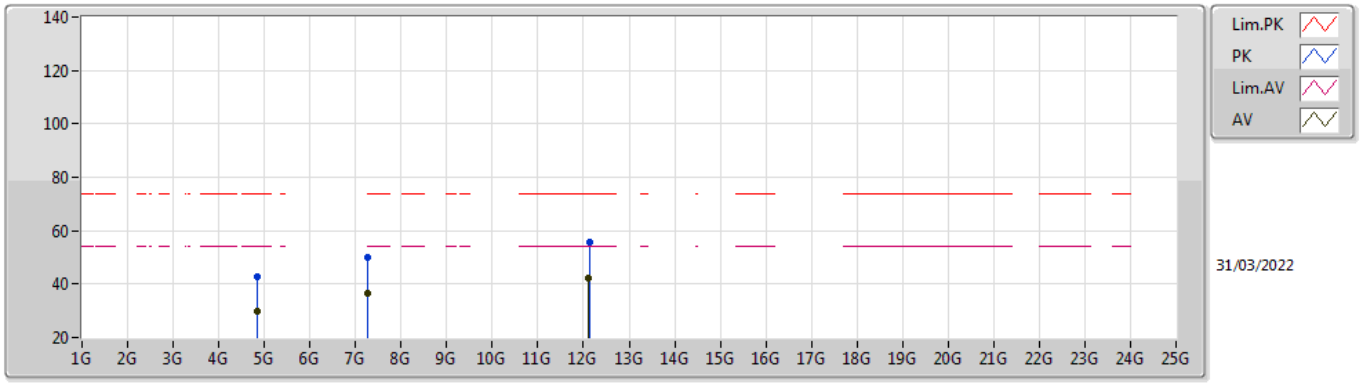
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.844G	31.00	54.00	-23.00	5.95	3	Vertical	174	1.25	-	25.05	31.19	8.93	34.17
AV	7.27134G	36.78	54.00	-17.22	12.42	3	Vertical	17	1.50	-	24.36	36.34	10.58	34.50
AV	12.09848G	42.14	54.00	-11.86	17.93	3	Vertical	268	2.92	-	24.21	39.10	13.11	34.28
PK	4.85396G	43.01	74.00	-30.99	5.97	3	Vertical	174	1.25	-	37.04	31.20	8.94	34.17
PK	7.25958G	49.74	74.00	-24.26	12.39	3	Vertical	17	1.50	-	37.35	36.32	10.57	34.50
PK	12.11024G	55.62	74.00	-18.38	17.93	3	Vertical	268	2.92	-	37.69	39.08	13.12	34.27

802.11ax HEW40_Nss1,(MCS0)_2TX

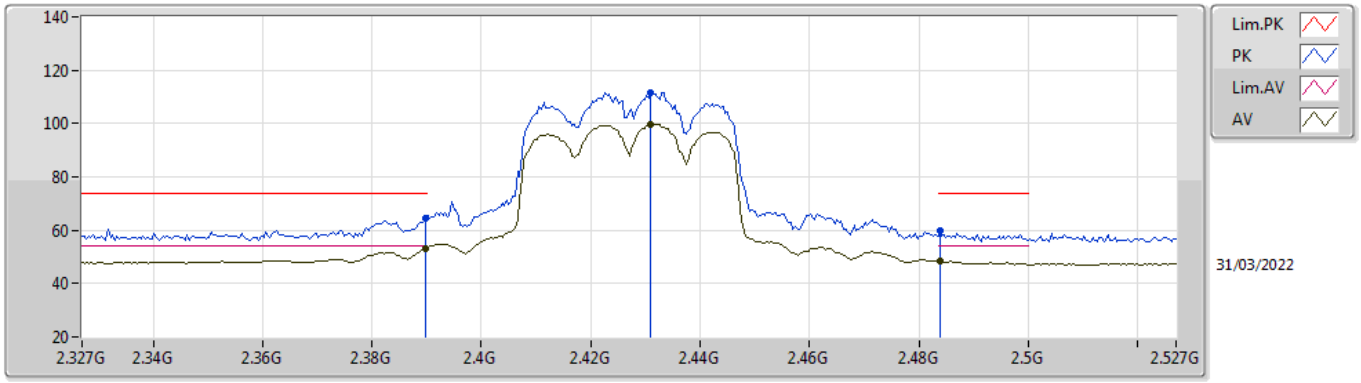
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.85096G	29.64	54.00	-24.36	5.97	3	Horizontal	30	1.50	-	23.67	31.20	8.94	34.17
AV	7.25112G	36.32	54.00	-17.68	12.36	3	Horizontal	288	1.49	-	23.96	36.30	10.56	34.50
AV	12.10196G	42.17	54.00	-11.83	17.93	3	Horizontal	332	1.53	-	24.24	39.10	13.11	34.28
PK	4.85264G	42.83	74.00	-31.17	5.97	3	Horizontal	30	1.50	-	36.86	31.20	8.94	34.17
PK	7.27314G	49.83	74.00	-24.17	12.43	3	Horizontal	288	1.49	-	37.40	36.35	10.58	34.50
PK	12.12338G	55.93	74.00	-18.07	17.91	3	Horizontal	332	1.53	-	38.02	39.05	13.13	34.27

802.11ax HEW40_Nss1,(MCS0)_2TX

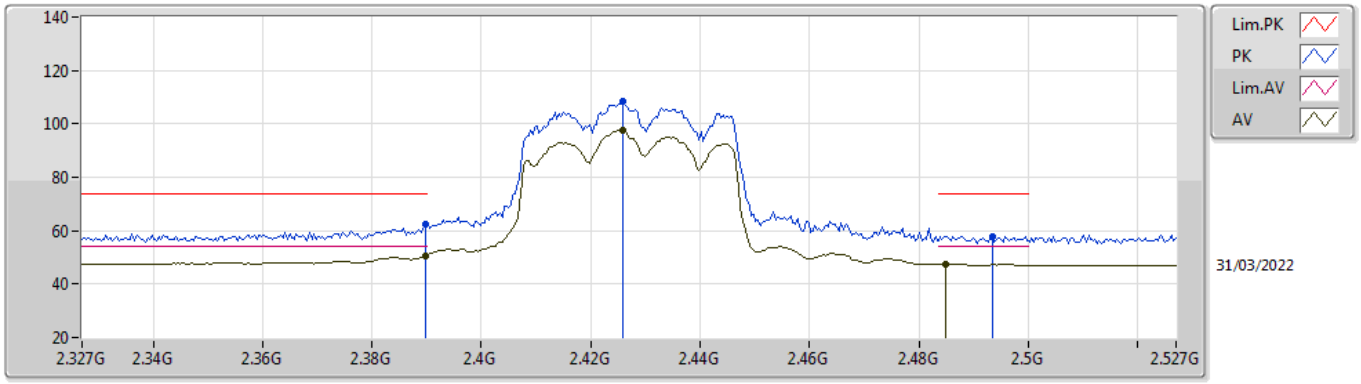
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	52.99	54.00	-1.01	34.98	3	Vertical	173	1.61	-	18.01	27.72	7.26	-
AV	2.431G	99.75	Inf	-Inf	34.79	3	Vertical	173	1.61	-	64.96	27.51	7.28	-
AV	2.4838G	48.38	54.00	-5.62	34.73	3	Vertical	173	1.61	-	13.65	27.40	7.33	-
PK	2.3898G	64.26	74.00	-9.74	34.98	3	Vertical	173	1.61	-	29.28	27.72	7.26	-
PK	2.431G	111.78	Inf	-Inf	34.79	3	Vertical	173	1.61	-	76.99	27.51	7.28	-
PK	2.4838G	59.62	74.00	-14.38	34.73	3	Vertical	173	1.61	-	24.89	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

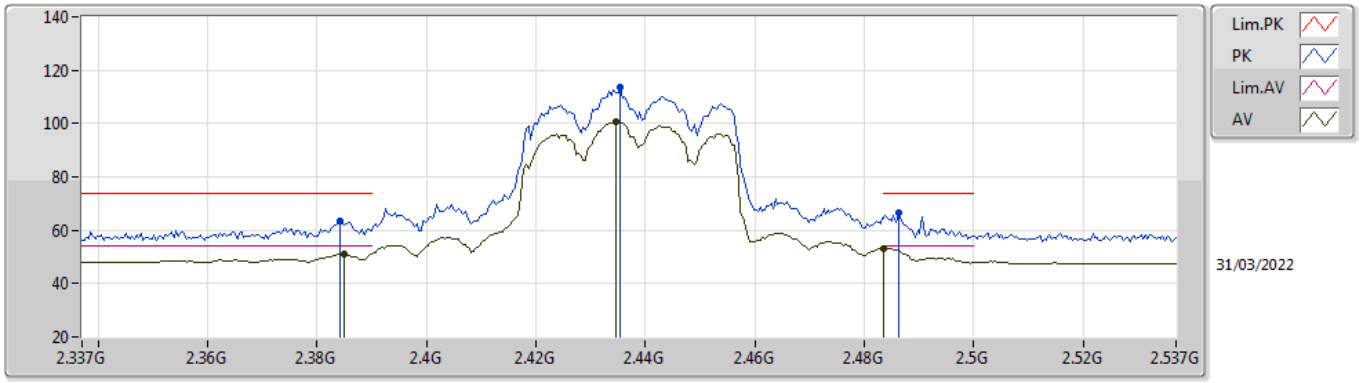
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	50.41	54.00	-3.59	34.98	3	Horizontal	60	1.29	-	15.43	27.72	7.26	-
AV	2.4258G	97.45	Inf	-Inf	34.83	3	Horizontal	60	1.29	-	62.62	27.55	7.28	-
AV	2.485G	47.62	54.00	-6.38	34.73	3	Horizontal	60	1.29	-	12.89	27.40	7.33	-
PK	2.3898G	62.33	74.00	-11.67	34.98	3	Horizontal	60	1.29	-	27.35	27.72	7.26	-
PK	2.4258G	108.47	Inf	-Inf	34.83	3	Horizontal	60	1.29	-	73.64	27.55	7.28	-
PK	2.4934G	57.90	74.00	-16.10	34.73	3	Horizontal	60	1.29	-	23.17	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

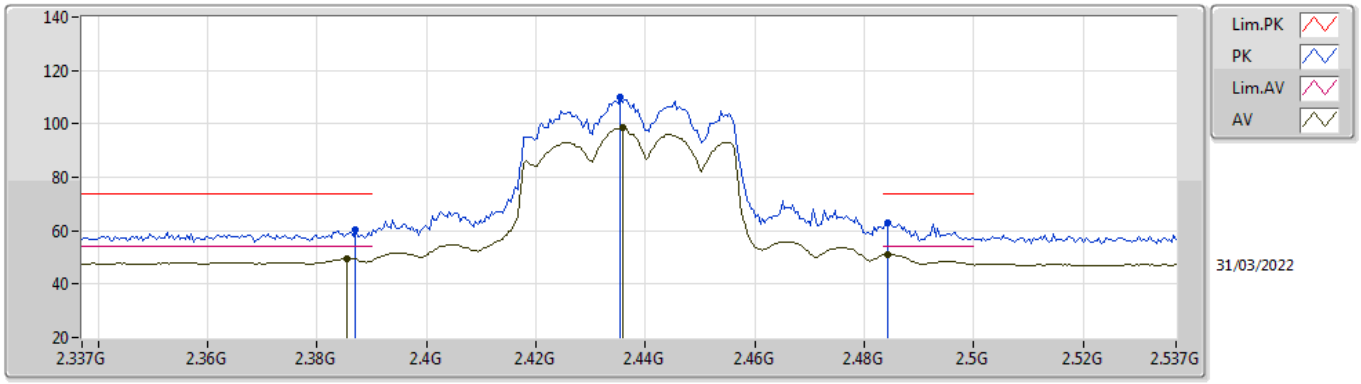
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.385G	50.98	54.00	-3.02	34.98	3	Vertical	166	1.86	-	16.00	27.73	7.25	-
AV	2.4346G	100.79	Inf	-Inf	34.78	3	Vertical	166	1.86	-	66.01	27.49	7.29	-
AV	2.4835G	53.24	54.00	-0.76	34.73	3	Vertical	166	1.86	-	18.51	27.40	7.33	-
PK	2.3842G	63.63	74.00	-10.37	34.98	3	Vertical	166	1.86	-	28.65	27.73	7.25	-
PK	2.4354G	113.47	Inf	-Inf	34.78	3	Vertical	166	1.86	-	78.69	27.49	7.29	-
PK	2.4862G	66.75	74.00	-7.25	34.73	3	Vertical	166	1.86	-	32.02	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

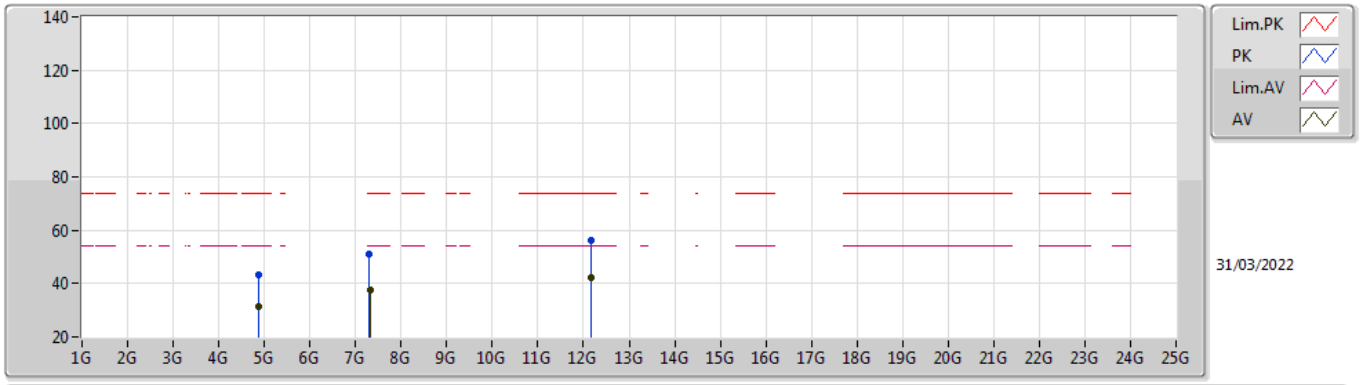
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3854G	49.62	54.00	-4.38	34.98	3	Horizontal	60	1.52	-	14.64	27.73	7.25	-
AV	2.4358G	98.65	Inf	-Inf	34.78	3	Horizontal	60	1.52	-	63.87	27.49	7.29	-
AV	2.4842G	51.24	54.00	-2.76	34.73	3	Horizontal	60	1.52	-	16.51	27.40	7.33	-
PK	2.387G	60.41	74.00	-13.59	34.98	3	Horizontal	60	1.52	-	25.43	27.73	7.25	-
PK	2.4354G	109.87	Inf	-Inf	34.78	3	Horizontal	60	1.52	-	75.09	27.49	7.29	-
PK	2.4842G	62.76	74.00	-11.24	34.73	3	Horizontal	60	1.52	-	28.03	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

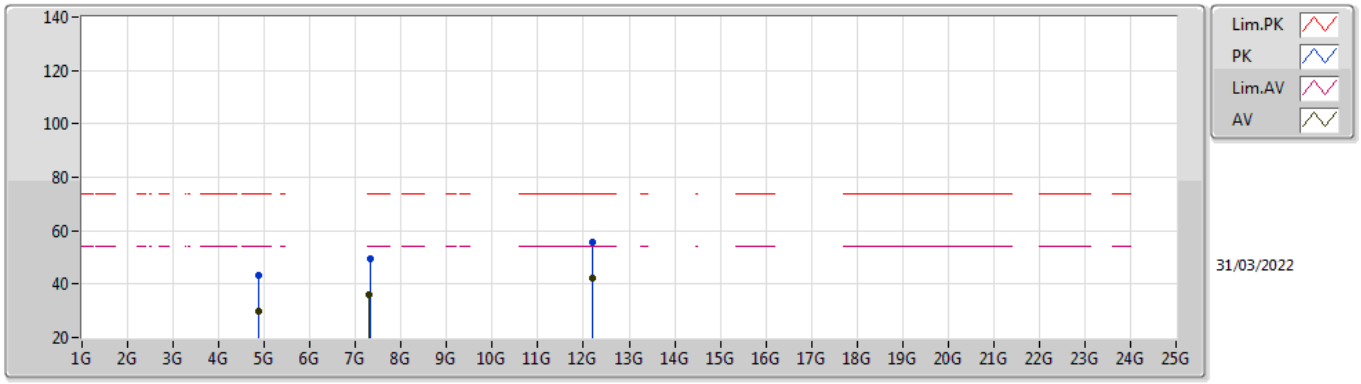
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87388G	31.40	54.00	-22.60	6.00	3	Vertical	176	1.32	-	25.40	31.20	8.96	34.16
AV	7.3167G	37.59	54.00	-16.41	12.50	3	Vertical	23	2.22	-	25.09	36.37	10.63	34.50
AV	12.17072G	42.35	54.00	-11.65	17.88	3	Vertical	204	2.75	-	24.47	38.96	13.16	34.24
PK	4.87412G	43.35	74.00	-30.65	6.00	3	Vertical	176	1.32	-	37.35	31.20	8.96	34.16
PK	7.30584G	50.78	74.00	-23.22	12.51	3	Vertical	23	2.22	-	38.27	36.39	10.62	34.50
PK	12.17456G	56.05	74.00	-17.95	17.87	3	Vertical	204	2.75	-	38.18	38.95	13.16	34.24

802.11ax HEW40_Nss1,(MCS0)_2TX

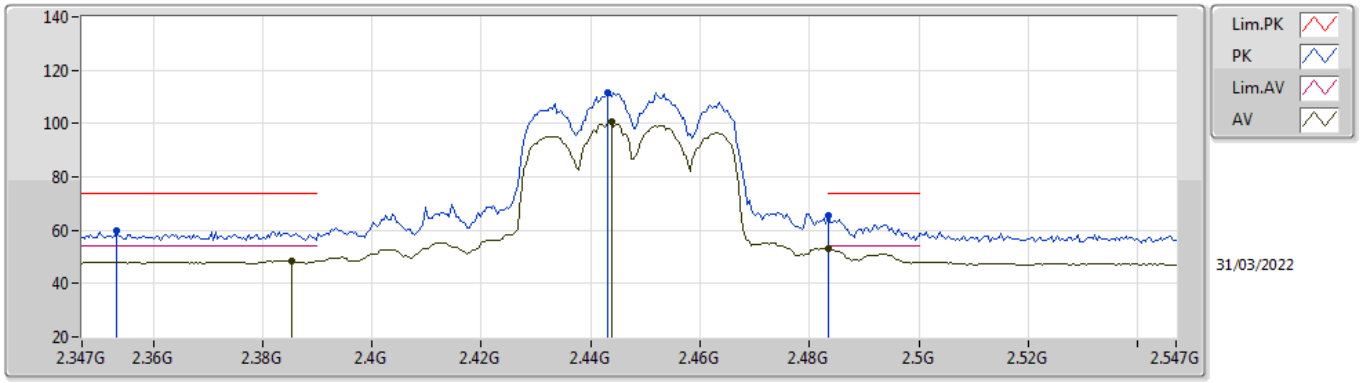
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87838G	29.72	54.00	-24.28	6.00	3	Horizontal	303	1.50	-	23.72	31.20	8.96	34.16
AV	7.29606G	36.12	54.00	-17.88	12.50	3	Horizontal	185	1.11	-	23.62	36.39	10.61	34.50
AV	12.19796G	42.19	54.00	-11.81	17.85	3	Horizontal	321	2.85	-	24.34	38.90	13.18	34.23
PK	4.86944G	43.33	74.00	-30.67	5.99	3	Horizontal	303	1.50	-	37.34	31.20	8.95	34.16
PK	7.31994G	49.52	74.00	-24.48	12.49	3	Horizontal	185	1.11	-	37.03	36.36	10.63	34.50
PK	12.18512G	55.71	74.00	-18.29	17.86	3	Horizontal	321	2.85	-	37.85	38.93	13.17	34.24

802.11ax HEW40_Nss1,(MCS0)_2TX

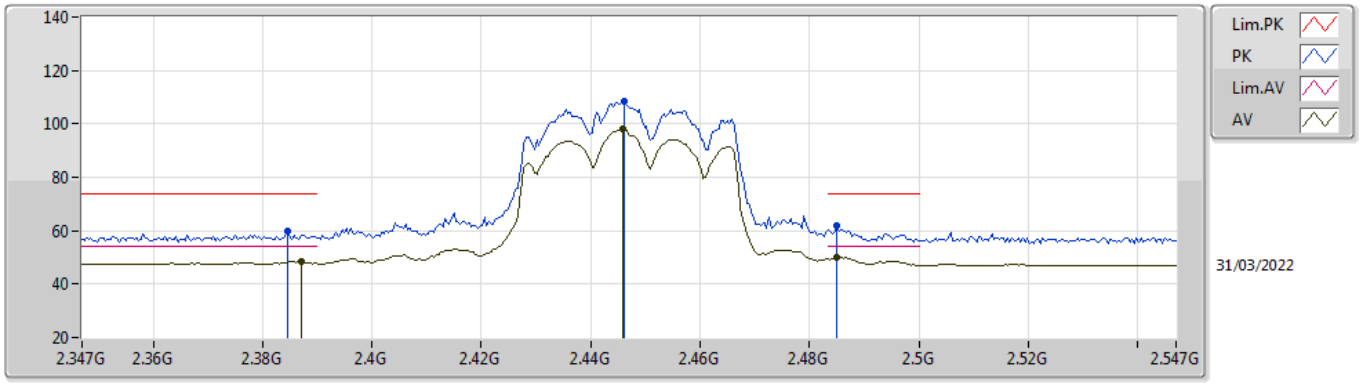
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3854G	48.48	54.00	-5.52	34.98	3	Vertical	169	2.06	-	13.50	27.73	7.25	-
AV	2.4438G	100.50	Inf	-Inf	34.74	3	Vertical	169	2.06	-	65.76	27.44	7.30	-
AV	2.4835G	52.92	54.00	-1.08	34.73	3	Vertical	169	2.06	-	18.19	27.40	7.33	-
PK	2.3534G	59.75	74.00	-14.25	35.03	3	Vertical	169	2.06	-	24.72	27.79	7.24	-
PK	2.443G	111.59	Inf	-Inf	34.73	3	Vertical	169	2.06	-	76.86	27.44	7.29	-
PK	2.4835G	65.38	74.00	-8.62	34.73	3	Vertical	169	2.06	-	30.65	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

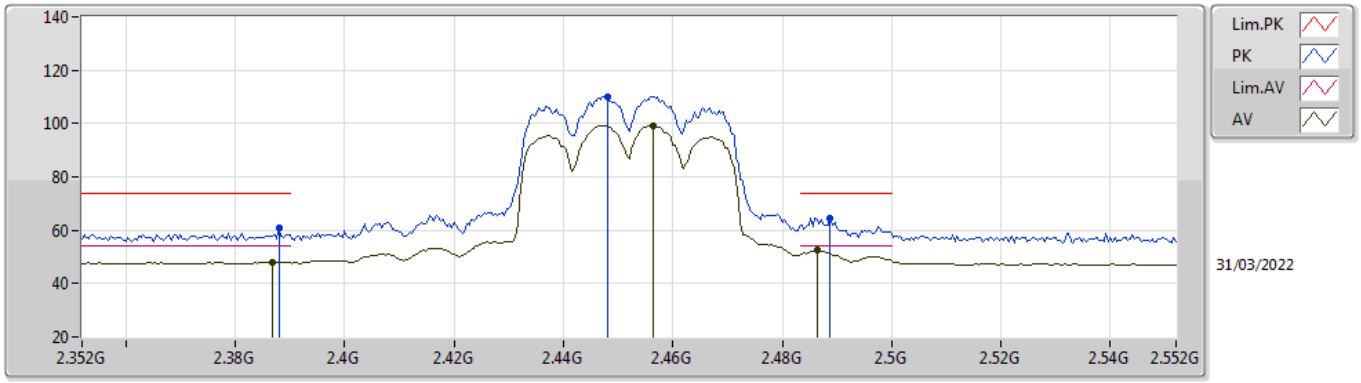
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.387G	48.37	54.00	-5.63	34.98	3	Horizontal	16	1.50	-	13.39	27.73	7.25	-
AV	2.4458G	97.94	Inf	-Inf	34.73	3	Horizontal	16	1.50	-	63.21	27.43	7.30	-
AV	2.485G	49.93	54.00	-4.07	34.73	3	Horizontal	16	1.50	-	15.20	27.40	7.33	-
PK	2.3846G	59.58	74.00	-14.42	34.98	3	Horizontal	16	1.50	-	24.60	27.73	7.25	-
PK	2.4462G	108.29	Inf	-Inf	34.72	3	Horizontal	16	1.50	-	73.57	27.42	7.30	-
PK	2.485G	61.88	74.00	-12.12	34.73	3	Horizontal	16	1.50	-	27.15	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

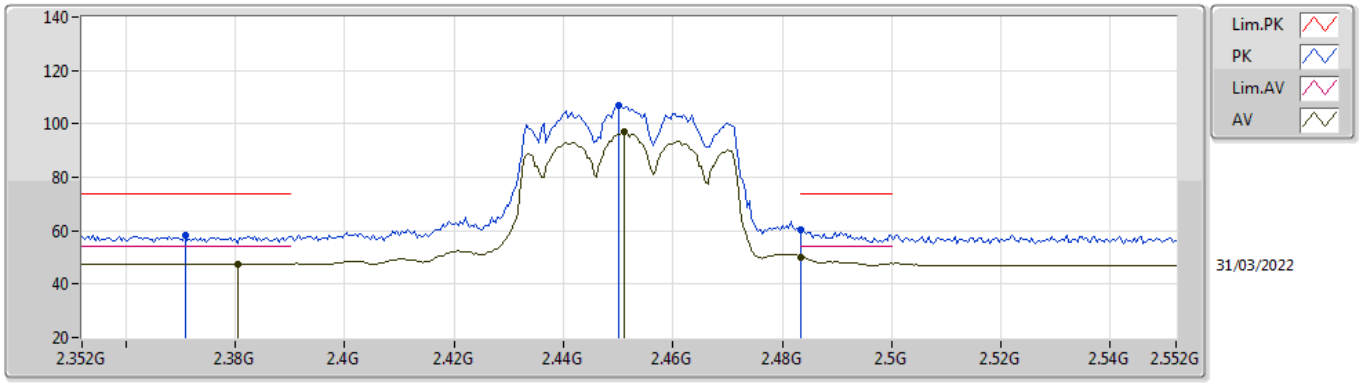
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3868G	48.11	54.00	-5.89	34.98	3	Vertical	176	2.05	-	13.13	27.73	7.25	-
AV	2.4564G	99.30	Inf	-Inf	34.71	3	Vertical	176	2.05	-	64.59	27.40	7.31	-
AV	2.4864G	52.38	54.00	-1.62	34.73	3	Vertical	176	2.05	-	17.65	27.40	7.33	-
PK	2.388G	60.73	74.00	-13.27	34.97	3	Vertical	176	2.05	-	25.76	27.72	7.25	-
PK	2.448G	110.23	Inf	-Inf	34.71	3	Vertical	176	2.05	-	75.52	27.41	7.30	-
PK	2.4888G	64.69	74.00	-9.31	34.73	3	Vertical	176	2.05	-	29.96	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

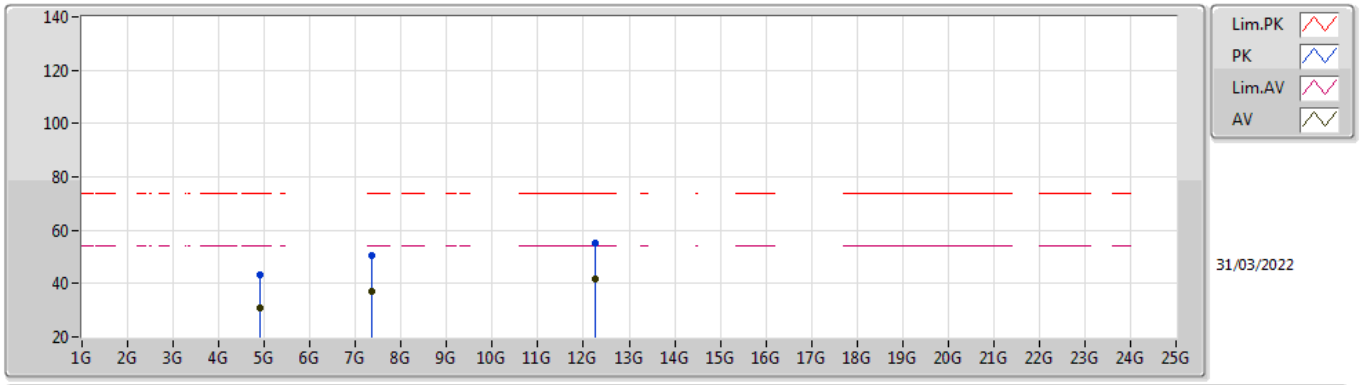
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3804G	47.67	54.00	-6.33	34.99	3	Horizontal	18	1.15	-	12.68	27.74	7.25	-
AV	2.4512G	96.87	Inf	-Inf	34.70	3	Horizontal	18	1.15	-	62.17	27.40	7.30	-
AV	2.4835G	50.04	54.00	-3.96	34.73	3	Horizontal	18	1.15	-	15.31	27.40	7.33	-
PK	2.3708G	58.16	74.00	-15.84	35.01	3	Horizontal	18	1.15	-	23.15	27.76	7.25	-
PK	2.45G	106.83	Inf	-Inf	34.70	3	Horizontal	18	1.15	-	72.13	27.40	7.30	-
PK	2.4835G	60.57	74.00	-13.43	34.73	3	Horizontal	18	1.15	-	25.84	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

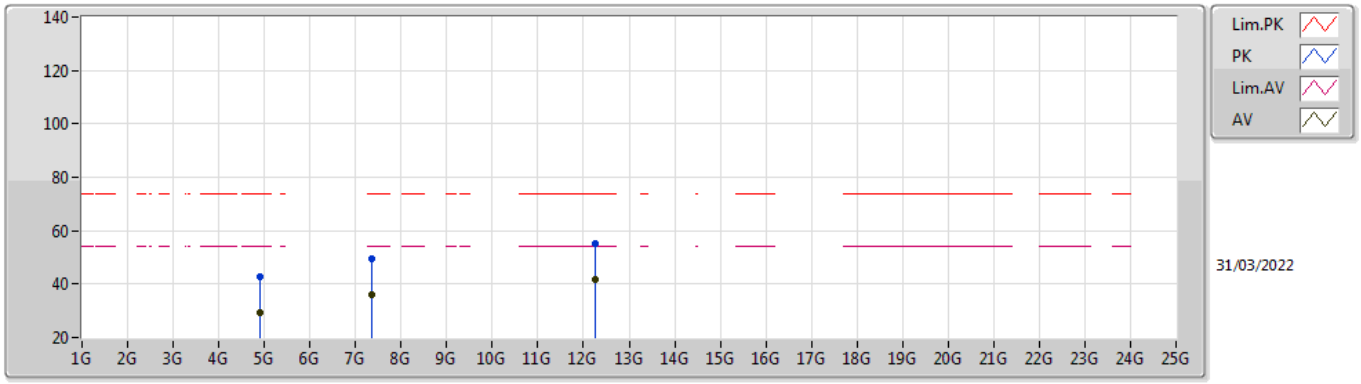
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.90408G	30.85	54.00	-23.15	6.05	3	Vertical	175	1.50	-	24.80	31.22	8.98	34.15
AV	7.3553G	37.13	54.00	-16.87	12.47	3	Vertical	26	2.52	-	24.66	36.29	10.67	34.49
AV	12.25178G	41.92	54.00	-12.08	17.91	3	Vertical	252	1.50	-	24.01	38.90	13.21	34.20
PK	4.90414G	43.35	74.00	-30.65	6.05	3	Vertical	175	1.50	-	37.30	31.22	8.98	34.15
PK	7.35726G	50.59	74.00	-23.41	12.47	3	Vertical	26	2.52	-	38.12	36.29	10.67	34.49
PK	12.25622G	55.00	74.00	-19.00	17.91	3	Vertical	252	1.50	-	37.09	38.90	13.21	34.20

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.90798G	29.28	54.00	-24.72	6.07	3	Horizontal	146	1.50	-	23.21	31.23	8.98	34.14
AV	7.356G	35.93	54.00	-18.07	12.47	3	Horizontal	209	2.10	-	23.46	36.29	10.67	34.49
AV	12.25574G	41.93	54.00	-12.07	17.91	3	Horizontal	30	1.50	-	24.02	38.90	13.21	34.20
PK	4.90632G	42.52	74.00	-31.48	6.07	3	Horizontal	146	1.50	-	36.45	31.23	8.98	34.14
PK	7.35382G	49.73	74.00	-24.27	12.46	3	Horizontal	209	2.10	-	37.27	36.29	10.66	34.49
PK	12.26894G	55.34	74.00	-18.66	17.92	3	Horizontal	30	1.50	-	37.42	38.90	13.22	34.20

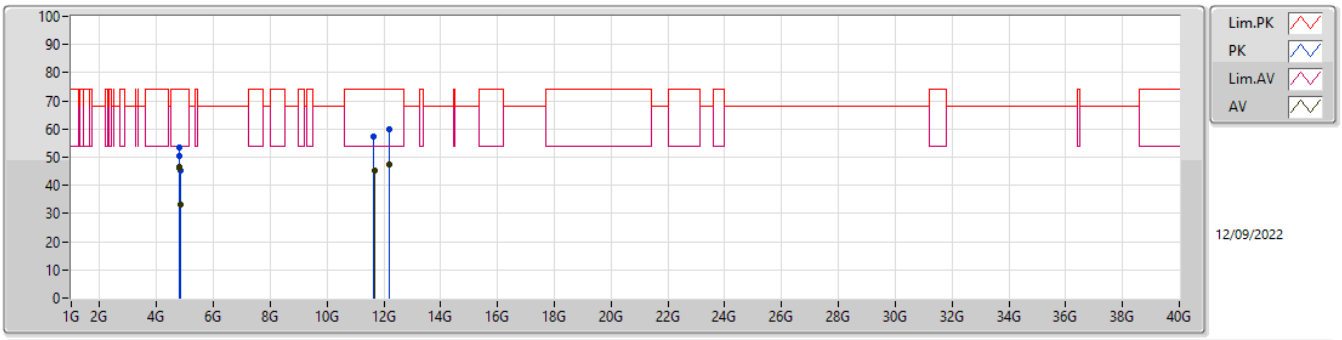
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.81092G	48.16	54.00	-5.84	Horizontal

Result

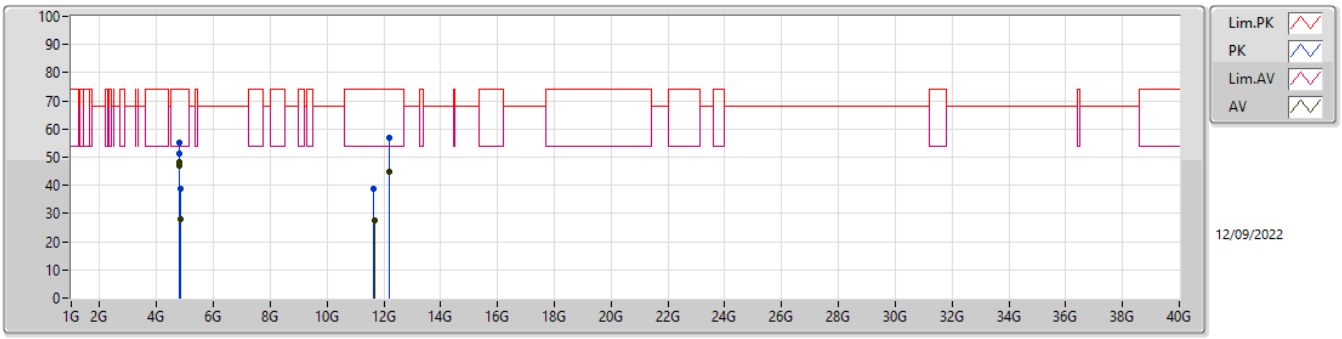
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.80396G	45.95	54.00	-8.05	3	Vertical	19	1.83	-
Mode 1	Pass	AV	4.81087G	46.39	54.00	-7.61	3	Vertical	308	2.24	-
Mode 1	Pass	AV	4.82401G	33.28	54.00	-20.72	3	Vertical	70	1.30	-
Mode 1	Pass	AV	11.65912G	45.35	54.00	-8.65	3	Vertical	16	1.50	-
Mode 1	Pass	AV	12.187G	47.49	54.00	-6.51	3	Vertical	360	2.17	-
Mode 1	Pass	PK	4.80438G	50.36	74.00	-23.64	3	Vertical	19	1.83	-
Mode 1	Pass	PK	4.80899G	53.25	74.00	-20.75	3	Vertical	308	2.24	-
Mode 1	Pass	PK	4.82399G	45.35	74.00	-28.65	3	Vertical	70	1.30	-
Mode 1	Pass	PK	11.64562G	57.34	74.00	-16.66	3	Vertical	16	1.50	-
Mode 1	Pass	PK	12.196G	60.08	74.00	-13.92	3	Vertical	360	2.17	-
Mode 1	Pass	AV	4.80399G	46.87	54.00	-7.13	3	Horizontal	25	1.69	-
Mode 1	Pass	AV	4.81092G	48.16	54.00	-5.84	3	Horizontal	56	1.00	-
Mode 1	Pass	AV	4.82398G	27.82	54.00	-26.18	3	Horizontal	152	1.51	-
Mode 1	Pass	AV	11.65874G	27.68	54.00	-26.32	3	Horizontal	48	2.80	-
Mode 1	Pass	AV	12.1888G	44.96	54.00	-9.04	3	Horizontal	336	2.18	-
Mode 1	Pass	PK	4.80421G	51.10	74.00	-22.90	3	Horizontal	25	1.69	-
Mode 1	Pass	PK	4.80912G	55.09	74.00	-18.91	3	Horizontal	56	1.00	-
Mode 1	Pass	PK	4.82402G	38.75	74.00	-35.25	3	Horizontal	152	1.51	-
Mode 1	Pass	PK	11.63532G	38.73	74.00	-35.27	3	Horizontal	48	2.80	-
Mode 1	Pass	PK	12.1934G	56.78	74.00	-17.22	3	Horizontal	336	2.18	

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	4.80396G	45.95	54.00	-8.05	3.33	3	Vertical	19	1.83	-	42.62	32.32	5.67	34.66
AV	4.81087G	46.39	54.00	-7.61	3.39	3	Vertical	308	2.24	-	43.00	32.37	5.68	34.66
AV	4.82401G	33.28	54.00	-20.72	3.47	3	Vertical	70	1.30	-	29.81	32.44	5.68	34.65
AV	11.65912G	45.35	54.00	-8.65	12.39	3	Vertical	16	1.50	-	32.96	38.44	8.57	34.62
AV	12.187G	47.49	54.00	-6.51	13.26	3	Vertical	360	2.17	-	34.23	39.09	8.77	34.60
PK	4.80438G	50.36	74.00	-23.64	3.34	3	Vertical	19	1.83	-	47.02	32.33	5.67	34.66
PK	4.80899G	53.25	74.00	-20.75	3.37	3	Vertical	308	2.24	-	49.88	32.35	5.68	34.66
PK	4.82399G	45.35	74.00	-28.65	3.47	3	Vertical	70	1.30	-	41.88	32.44	5.68	34.65
PK	11.64562G	57.34	74.00	-16.66	12.39	3	Vertical	16	1.50	-	44.95	38.45	8.56	34.62
PK	12.196G	60.08	74.00	-13.92	13.28	3	Vertical	360	2.17	-	46.80	39.10	8.77	34.59

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	4.80399G	46.87	54.00	-7.13	3.33	3	Horizontal	25	1.69	-	43.54	32.32	5.67	34.66
AV	4.81092G	48.16	54.00	-5.84	3.39	3	Horizontal	56	1.00	-	44.77	32.37	5.68	34.66
AV	4.82398G	27.82	54.00	-26.18	3.47	3	Horizontal	152	1.51	-	24.35	32.44	5.68	34.65
AV	11.65874G	27.68	54.00	-26.32	12.39	3	Horizontal	48	2.80	-	15.29	38.44	8.57	34.62
AV	12.1888G	44.96	54.00	-9.04	13.26	3	Horizontal	336	2.18	-	31.70	39.09	8.77	34.60
PK	4.80421G	51.10	74.00	-22.90	3.34	3	Horizontal	25	1.69	-	47.76	32.33	5.67	34.66
PK	4.80912G	55.09	74.00	-18.91	3.37	3	Horizontal	56	1.00	-	51.72	32.35	5.68	34.66
PK	4.82402G	38.75	74.00	-35.25	3.47	3	Horizontal	152	1.51	-	35.28	32.44	5.68	34.65
PK	11.63532G	38.73	74.00	-35.27	12.41	3	Horizontal	48	2.80	-	26.32	38.46	8.56	34.61
PK	12.1934G	56.78	74.00	-17.22	13.27	3	Horizontal	336	2.18	-	43.51	39.09	8.77	34.59