FCC Radio Test Report

FCC ID	:	**RSE-OWM0131**
Equipment	:	**WiFi Extender**
Brand Name	:	**technicolor**
Model Name	:	**OWM0131TCH**
Applicant	:	**Technicolor Delivery Technologies Belgium Prins Boudewijnlaan 47 Edegem B-2650 Belgium**
Manufacturer	:	**Technicolor Delivery Technologies Belgium Prins Boudewijnlaan 47 Edegem B-2650 Belgium**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Jun. 23, 2022, and testing was started from Jun. 27, 2022 and completed on Sep. 08, 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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PHOTOGRAPHS OF EUT V01

History of this test report

Report No.	Version	Description	Issued Date
FR262320AC	01	Initial issue of report	Oct. 14, 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	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Ryan Hsiao

Report Producer: Michelle Tsai

1 General Description

1.1 Information

1.1.1 RF General Information

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

<Non-Beamforming>

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX

<Beamforming>

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

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	NA	NA	PCB	I-Pex	2.4GHz
2	NA	NA	PCB	I-Pex	2.4GHz
3	NA	NA	PCB	I-Pex	5GHz
4	NA	NA	PCB	I-Pex	5GHz
5	NA	NA	PCB	I-Pex	5GHz
6	NA	NA	PCB	I-Pex	5GHz
7	NA	NA	PCB	I-Pex	Bluetooth
8	NA	NA	PCB	I-Pex	Zigbee
9	NA	NA	PCB	I-Pex	Z-Wave

Ant.	Port	Gain (dBi)					
		2.4G	U-NII-1	U-NII-3	Bluetooth	Zigbee	Z-Wave
1	1	2.28	-	-	-	-	-
2	2	3.20	-	-	-	-	-
3	1	-	4.09	3.29	-	-	-
4	2	-	2.57	2.70	-	-	-
5	3	-	2.33	2.51	-	-	-
6	4	-	3.75	2.65	-	-	-
7	1	-	-	-	2.9	-	-
8	1	-	-	-	-	4.8	-
9	1	-	-	-	-	-	0.9

Composite Gain (dBi)			
Stream	2.4G	U-NII-1	U-NII-3
1SS	3.23	5.23	5.41
2SS	3.2	4.09	3.29
3SS	-	4.09	3.29
4SS	-	4.09	3.29

Note 1: The EUT has nine antennas.

For 2.4GHz function:

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

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

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

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

For BT function:

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

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

For 5GHz function:
For IEEE 802.11 a/n/ac/ax mode (4TX/4RX)
Ant. 3 (port 1) ~ Ant. 6 (port 4) could transmit/receive simultaneously.
For Zigbee function:
For Zigbee mode (1TX/1RX)
Ant. 8 (port 1) could transmit/receive.
For Z-Wave function:
For Z-Wave mode (1TX/1RX)
Ant. 9 (port 1) could transmit/receive.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
Software Version	5.04L.03			
Hardware Version	LAB1			
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	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_2TX	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	0.974	0.11	773.125u	3k

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	0.945	0.25	2.926m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.966	0.15	4.358m	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 662911 D03 v01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785)	**TEL:** 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Edward Wang	22.1~23.6°C / 50~60%	15/Jul/2022
RF Conducted (Non-Beamforming)	TH01-HY	Johnny Yu	22.3~26.5°C / 52~53%	23/Jul/2022~15/Aug/2022
RF Conducted (Beamforming)	TH01-HY	Johnny Yu	22.5~25.8C / 53~56%	05/Sep/2022~08/Sep/2022
Radiated	03CH02-HY	Jack Tang	21.4~22.4°C / 56~63%	27/Jun/2022~28/Jul/2022
Radiated (Co-location)	03CH02-HY	Jack Tang	21.4~22.4°C / 56~63%	02/Sep/2022
☐ Wen 33rd.St.	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
(TAF: 3785)	**TEL:** 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

<Non-Beamforming>

Test Software Version	Dos V6.1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port1)	-
2412MHz	78
2417MHz	52
2437MHz	61
2457MHz	57
2462MHz	54
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	74
2417MHz	52
2437MHz	56
2457MHz	55
2462MHz	50
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	61
2417MHz	58
2437MHz	69
2457MHz	61
2462MHz	47
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	61
2417MHz	58
2437MHz	69
2457MHz	61
2462MHz	47
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	53
2427MHz	54
2437MHz	64
2447MHz	57
2452MHz	55

<Beamforming>

Test Software Version	Dos V6.1

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	56
2417MHz	60
2437MHz	72
2457MHz	62
2462MHz	55
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	54
2427MHz	54
2437MHz	61
2447MHz	53
2452MHz	54

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 + Bluetooth + Zigbee + Zwave
Refer to Sporton Test Report No.: FA262320 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
AC Adapter	Brand Name	HONOR	Model Name	ADS-24FUA-12 12024EPCU
	Power Rating	I/P: 100 - 240Vac, 0.7 A, O/P: 12 Vdc, 2.0A		
	Power Cord	1.15 meter, non-shielded cable, w/o ferrite core		
Stand	Brand Name	NA	Model Name	NA

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

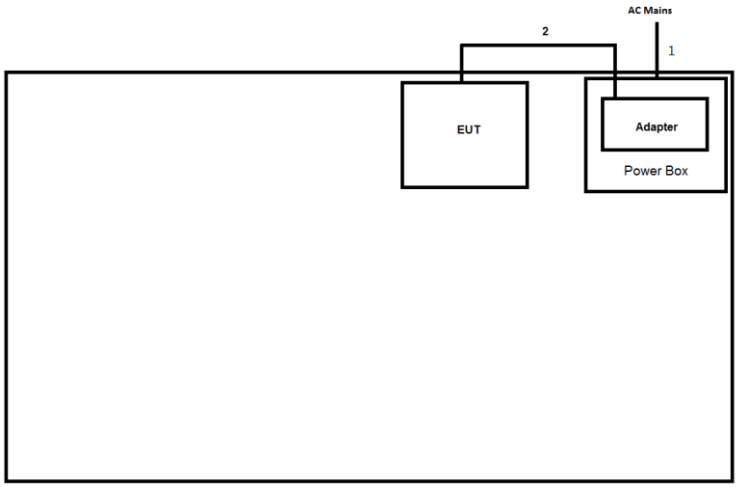
2.4 Support Equipment

Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	Dell	PP13S	-	Remote
2	RJ45 Cable	Power Sync	CAT-6E-10	-	Remote
3	Client	-	-	-	Remote / Provided by Customer

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

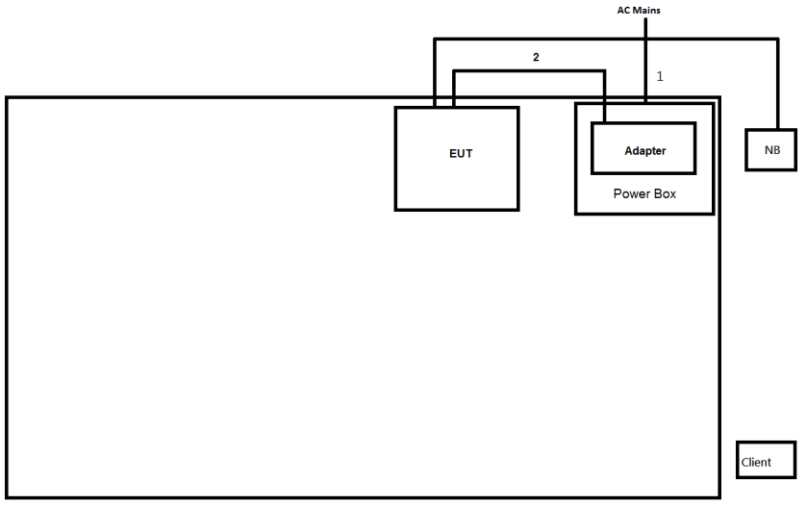
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test <Non-Beamforming>



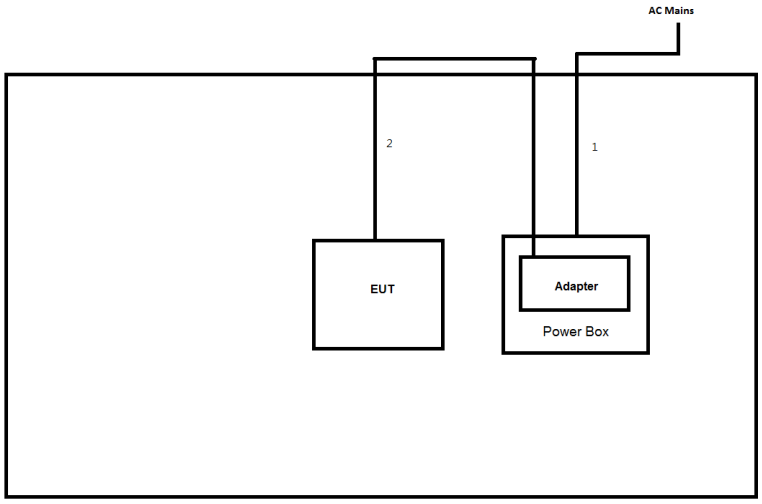
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.15	-

Test Setup Diagram – AC Line Conducted Emission Test <Beamforming>



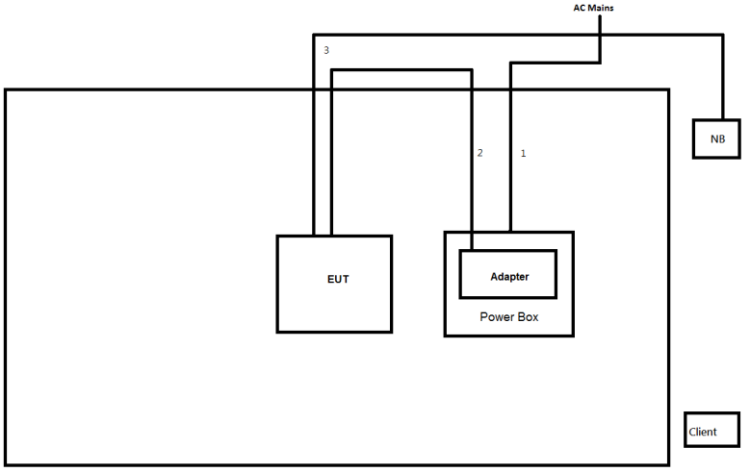
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.15	-
3	RJ45 cable	No	10.0	-

Test Setup Diagram - Radiated Test<Non-Beamforming>



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.15	-

Test Setup Diagram - Radiated Test <Beamforming>



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

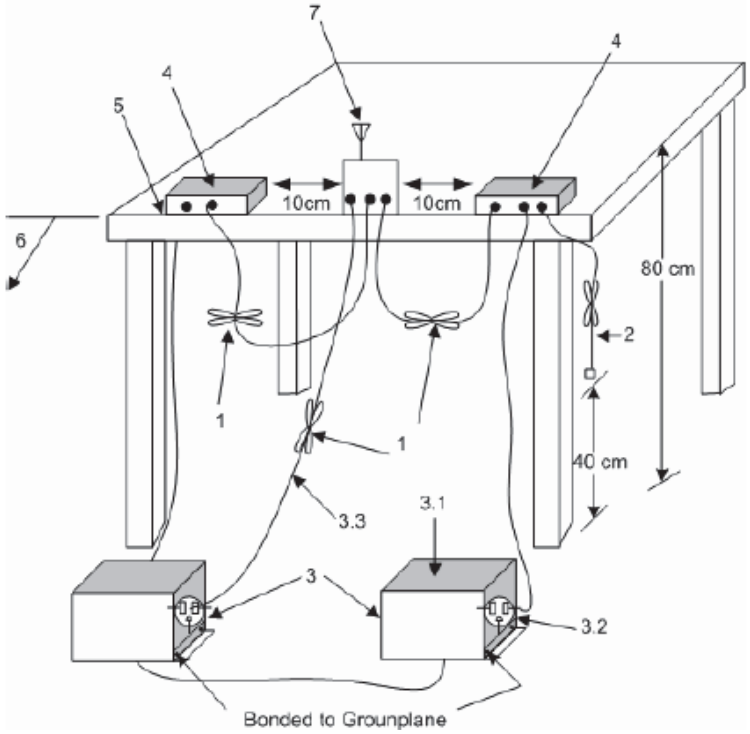
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

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

3.1.5 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 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.

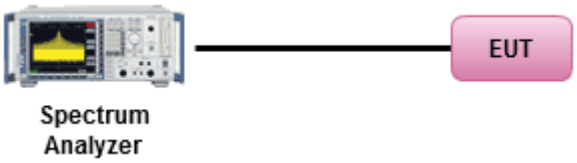
3.2.2 Measuring Instruments

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

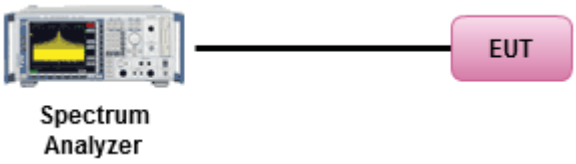
3.4.2 Measuring Instruments

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.	

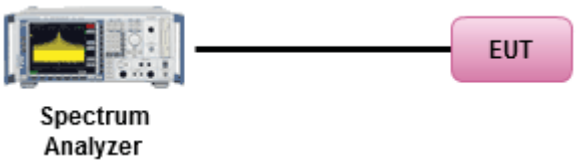
3.5.2 Measuring Instruments

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.

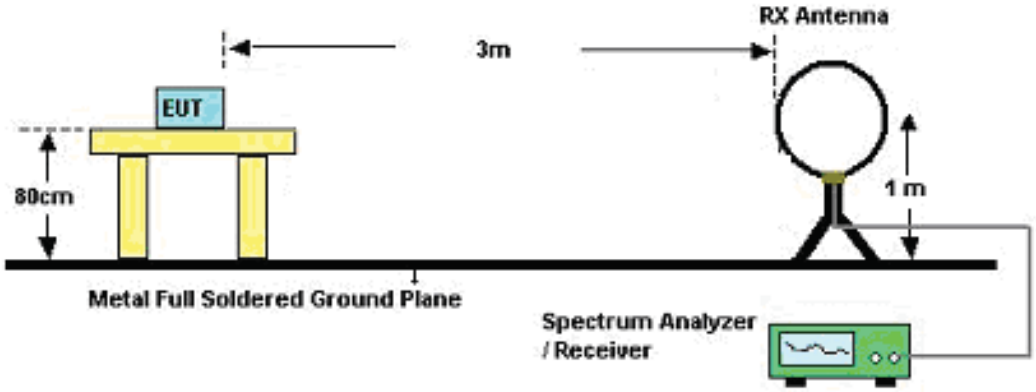
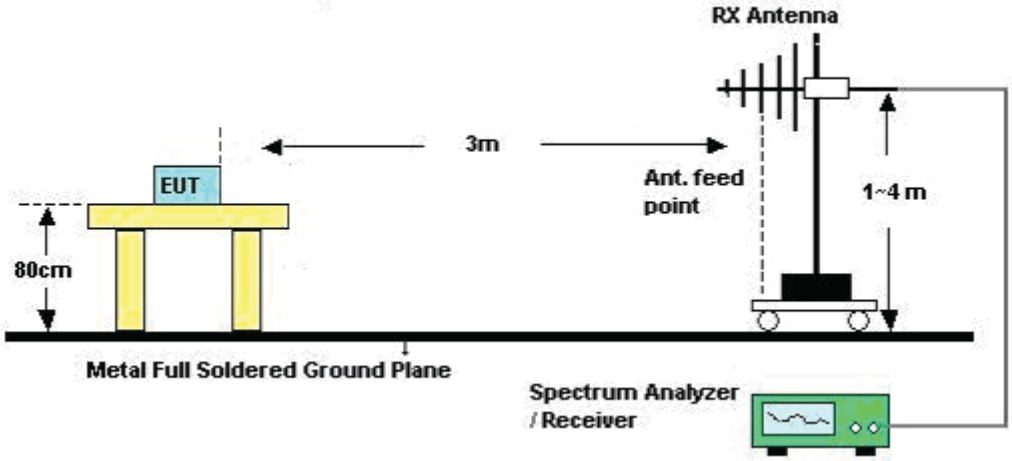
3.6.3 Test Procedures

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.

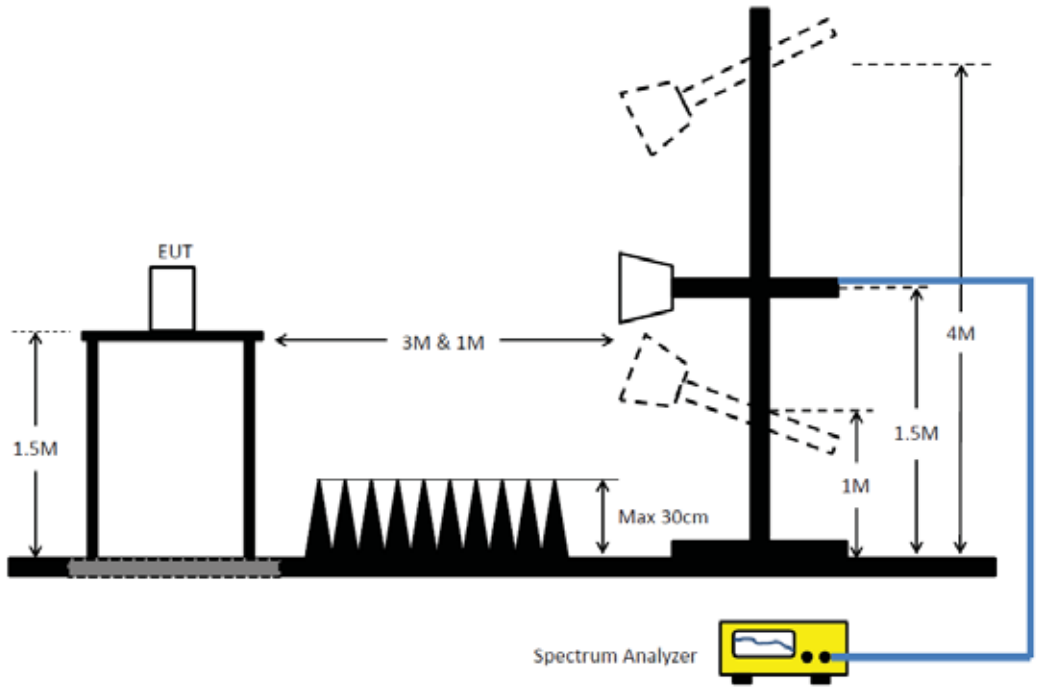
3.6.4 Measurement Results Calculation

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	13/May/2022	12/May/2023
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	V5.1014	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	01/Apr/2022	31/Mar/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	21/Feb/2022	20/Feb/2023
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	21/Feb/2022	20/Feb/2023
SENSE-15247_DTS	Sporton	V5.10.8.3	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	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	FSP40	100593	9kHz~40GHz	08/Apr/2022	07/Apr/2023
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	28/Jun/2022	27/Jun/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	04/May/2022	03/May/2023
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	04/May/2022	03/May/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	01/Apr/2022	31/Mar/2023
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	13/May/2022	12/May/2023
SENSE-15247_DTS	Sporton	V5.10.7.15	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	01/Apr/2022	31/Mar/2023
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
SENSE-EMI	Sporton	V5.10.8	N/A	N/A	N/A	N/A

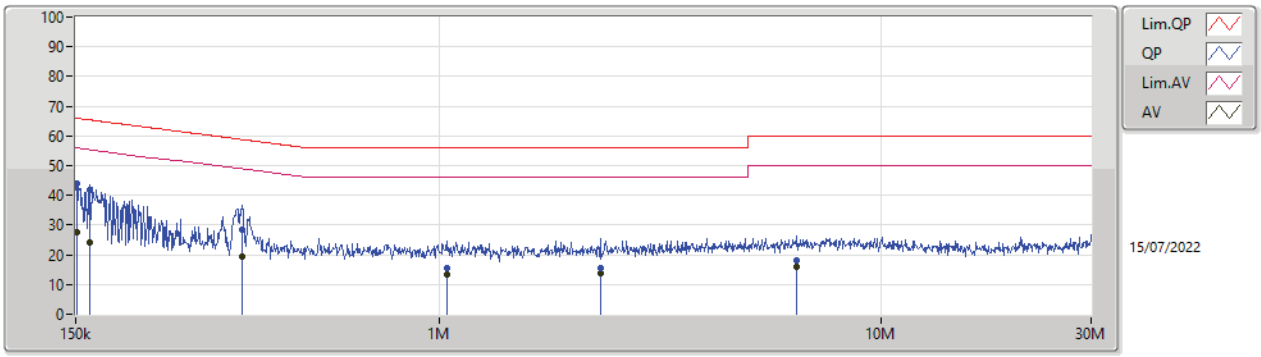
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	43.97	65.96	-21.99	Line

Mode Configure

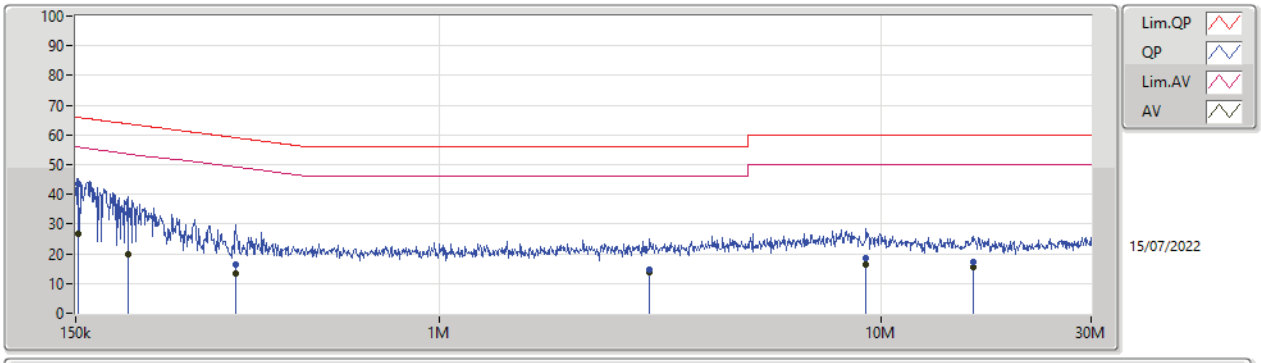
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	150.6k	43.97	65.96	-21.99	Line	-
Mode 1	Pass	AV	150.6k	27.67	55.96	-28.29	Line	-
Mode 1	Pass	QP	161.82k	41.68	65.37	-23.69	Line	-
Mode 1	Pass	AV	161.82k	24.35	55.37	-31.02	Line	-
Mode 1	Pass	QP	358.13k	28.42	58.77	-30.35	Line	-
Mode 1	Pass	AV	358.13k	19.44	48.77	-29.33	Line	-
Mode 1	Pass	QP	1.04M	15.42	56.00	-40.58	Line	-
Mode 1	Pass	AV	1.04M	13.38	46.00	-32.62	Line	-
Mode 1	Pass	QP	2.32M	15.40	56.00	-40.60	Line	-
Mode 1	Pass	AV	2.32M	13.81	46.00	-32.19	Line	-
Mode 1	Pass	QP	6.471M	18.03	60.00	-41.97	Line	-
Mode 1	Pass	AV	6.471M	16.00	50.00	-34.00	Line	-
Mode 1	Pass	QP	152.414k	43.45	65.87	-22.42	Neutral	-
Mode 1	Pass	AV	152.414k	26.51	55.87	-29.36	Neutral	-
Mode 1	Pass	QP	197.568k	33.46	63.71	-30.25	Neutral	-
Mode 1	Pass	AV	197.568k	19.78	53.71	-33.93	Neutral	-
Mode 1	Pass	QP	345.491k	16.52	59.08	-42.56	Neutral	-
Mode 1	Pass	AV	345.491k	13.16	49.08	-35.92	Neutral	-
Mode 1	Pass	QP	2.995M	14.62	56.00	-41.38	Neutral	-
Mode 1	Pass	AV	2.995M	13.58	46.00	-32.42	Neutral	-
Mode 1	Pass	QP	9.269M	18.70	60.00	-41.30	Neutral	-
Mode 1	Pass	AV	9.269M	16.41	50.00	-33.59	Neutral	-
Mode 1	Pass	QP	16.273M	17.29	60.00	-42.71	Neutral	-
Mode 1	Pass	AV	16.273M	15.36	50.00	-34.64	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150.6k	43.97	65.96	-21.99	19.63	Line	-	24.34	9.69	0.03	9.91
AV	150.6k	27.67	55.96	-28.29	19.63	Line	-	8.04	9.69	0.03	9.91
QP	161.82k	41.68	65.37	-23.69	19.63	Line	-	22.05	9.69	0.03	9.91
AV	161.82k	24.35	55.37	-31.02	19.63	Line	-	4.72	9.69	0.03	9.91
QP	358.13k	28.42	58.77	-30.35	19.63	Line	-	8.79	9.68	0.04	9.91
AV	358.13k	19.44	48.77	-29.33	19.63	Line	-	-0.19	9.68	0.04	9.91
QP	1.04M	15.42	56.00	-40.58	19.65	Line	-	-4.23	9.68	0.05	9.92
AV	1.04M	13.38	46.00	-32.62	19.65	Line	-	-6.27	9.68	0.05	9.92
QP	2.32M	15.40	56.00	-40.60	19.71	Line	-	-4.31	9.70	0.09	9.92
AV	2.32M	13.81	46.00	-32.19	19.71	Line	-	-5.90	9.70	0.09	9.92
QP	6.471M	18.03	60.00	-41.97	19.85	Line	-	-1.82	9.76	0.16	9.93
AV	6.471M	16.00	50.00	-34.00	19.85	Line	-	-3.85	9.76	0.16	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	152.414k	43.45	65.87	-22.42	19.67	Neutral	-	23.78	9.73	0.03	9.91
AV	152.414k	26.51	55.87	-29.36	19.67	Neutral	-	6.84	9.73	0.03	9.91
QP	197.568k	33.46	63.71	-30.25	19.66	Neutral	-	13.80	9.72	0.03	9.91
AV	197.568k	19.78	53.71	-33.93	19.66	Neutral	-	0.12	9.72	0.03	9.91
QP	345.491k	16.52	59.08	-42.56	19.67	Neutral	-	-3.15	9.72	0.04	9.91
AV	345.491k	13.16	49.08	-35.92	19.67	Neutral	-	-6.51	9.72	0.04	9.91
QP	2.995M	14.62	56.00	-41.38	19.78	Neutral	-	-5.16	9.75	0.11	9.92
AV	2.995M	13.58	46.00	-32.42	19.78	Neutral	-	-6.20	9.75	0.11	9.92
QP	9.269M	18.70	60.00	-41.30	19.99	Neutral	-	-1.29	9.88	0.18	9.93
AV	9.269M	16.41	50.00	-33.59	19.99	Neutral	-	-3.58	9.88	0.18	9.93
QP	16.273M	17.29	60.00	-42.71	20.14	Neutral	-	-2.85	9.96	0.25	9.93
AV	16.273M	15.36	50.00	-34.64	20.14	Neutral	-	-4.78	9.96	0.25	9.93

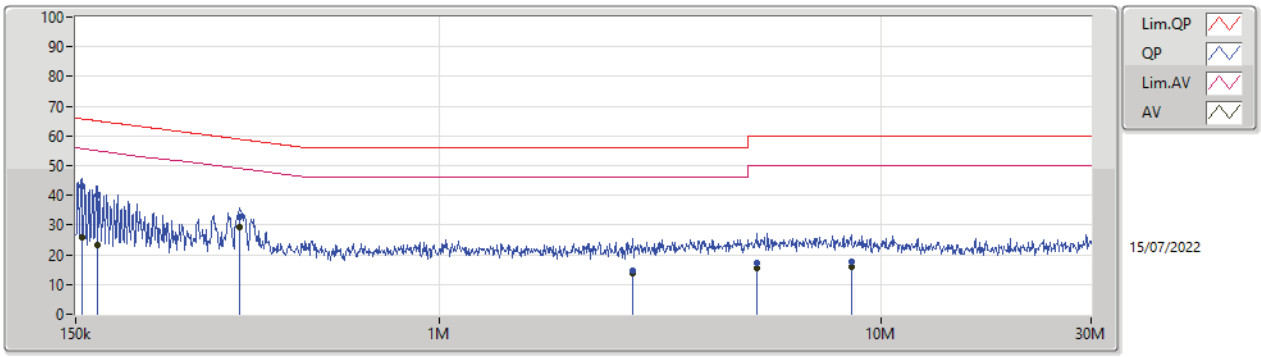
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	353.867k	29.31	48.87	-19.56	Line

Mode Configure

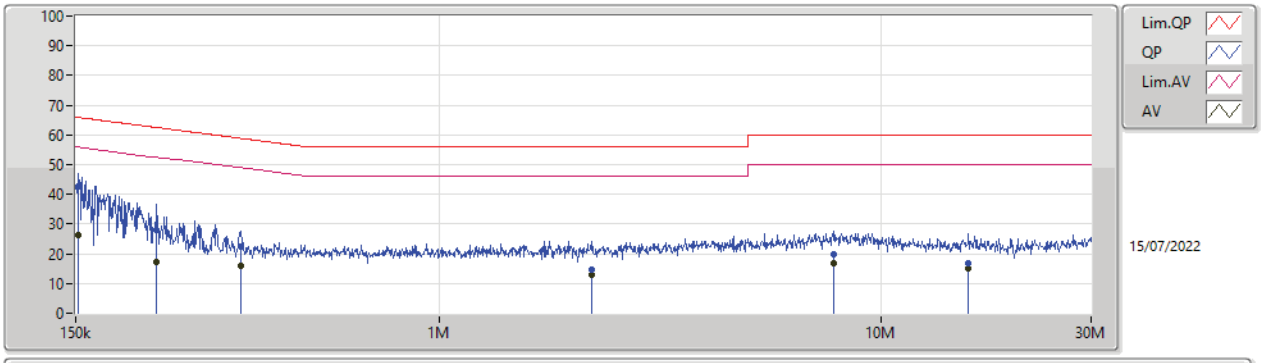
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	154.868k	43.17	65.73	-22.56	Line	-
Mode 1	Pass	AV	154.868k	25.89	55.73	-29.84	Line	-
Mode 1	Pass	QP	167.739k	39.95	65.06	-25.11	Line	-
Mode 1	Pass	AV	167.739k	23.35	55.06	-31.71	Line	-
Mode 1	Pass	QP	353.867k	32.89	58.87	-25.98	Line	-
Mode 1	Pass	AV	353.867k	29.31	48.87	-19.56	Line	-
Mode 1	Pass	QP	2.743M	14.86	56.00	-41.14	Line	-
Mode 1	Pass	AV	2.743M	13.71	46.00	-32.29	Line	-
Mode 1	Pass	QP	5.258M	17.20	60.00	-42.80	Line	-
Mode 1	Pass	AV	5.258M	15.50	50.00	-34.50	Line	-
Mode 1	Pass	QP	8.592M	17.82	60.00	-42.18	Line	-
Mode 1	Pass	AV	8.592M	15.81	50.00	-34.19	Line	-
Mode 1	Pass	QP	152.414k	42.79	65.87	-23.08	Neutral	-
Mode 1	Pass	AV	152.414k	26.18	55.87	-29.69	Neutral	-
Mode 1	Pass	QP	229.015k	27.94	62.48	-34.54	Neutral	-
Mode 1	Pass	AV	229.015k	17.34	52.48	-35.14	Neutral	-
Mode 1	Pass	QP	355.282k	22.21	58.83	-36.62	Neutral	-
Mode 1	Pass	AV	355.282k	15.89	48.83	-32.94	Neutral	-
Mode 1	Pass	QP	2.211M	14.52	56.00	-41.48	Neutral	-
Mode 1	Pass	AV	2.211M	13.12	46.00	-32.88	Neutral	-
Mode 1	Pass	QP	7.807M	19.68	60.00	-40.32	Neutral	-
Mode 1	Pass	AV	7.807M	17.00	50.00	-33.00	Neutral	-
Mode 1	Pass	QP	15.825M	16.99	60.00	-43.01	Neutral	-
Mode 1	Pass	AV	15.825M	15.05	50.00	-34.95	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.868k	43.17	65.73	-22.56	19.63	Line	-	23.54	9.69	0.03	9.91
AV	154.868k	25.89	55.73	-29.84	19.63	Line	-	6.26	9.69	0.03	9.91
QP	167.739k	39.95	65.06	-25.11	19.63	Line	-	20.32	9.69	0.03	9.91
AV	167.739k	23.35	55.06	-31.71	19.63	Line	-	3.72	9.69	0.03	9.91
QP	353.867k	32.89	58.87	-25.98	19.63	Line	-	13.26	9.68	0.04	9.91
AV	353.867k	29.31	48.87	-19.56	19.63	Line	-	9.68	9.68	0.04	9.91
QP	2.743M	14.86	56.00	-41.14	19.72	Line	-	-4.86	9.70	0.10	9.92
AV	2.743M	13.71	46.00	-32.29	19.72	Line	-	-6.01	9.70	0.10	9.92
QP	5.258M	17.20	60.00	-42.80	19.80	Line	-	-2.60	9.74	0.14	9.92
AV	5.258M	15.50	50.00	-34.50	19.80	Line	-	-4.30	9.74	0.14	9.92
QP	8.592M	17.82	60.00	-42.18	19.89	Line	-	-2.07	9.79	0.17	9.93
AV	8.592M	15.81	50.00	-34.19	19.89	Line	-	-4.08	9.79	0.17	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	152.414k	42.79	65.87	-23.08	19.67	Neutral	-	23.12	9.73	0.03	9.91
AV	152.414k	26.18	55.87	-29.69	19.67	Neutral	-	6.51	9.73	0.03	9.91
QP	229.015k	27.94	62.48	-34.54	19.66	Neutral	-	8.28	9.72	0.03	9.91
AV	229.015k	17.34	52.48	-35.14	19.66	Neutral	-	-2.32	9.72	0.03	9.91
QP	355.282k	22.21	58.83	-36.62	19.67	Neutral	-	2.54	9.72	0.04	9.91
AV	355.282k	15.89	48.83	-32.94	19.67	Neutral	-	-3.78	9.72	0.04	9.91
QP	2.211M	14.52	56.00	-41.48	19.75	Neutral	-	-5.23	9.74	0.09	9.92
AV	2.211M	13.12	46.00	-32.88	19.75	Neutral	-	-6.63	9.74	0.09	9.92
QP	7.807M	19.68	60.00	-40.32	19.95	Neutral	-	-0.27	9.85	0.17	9.93
AV	7.807M	17.00	50.00	-33.00	19.95	Neutral	-	-2.95	9.85	0.17	9.93
QP	15.825M	16.99	60.00	-43.01	20.14	Neutral	-	-3.15	9.96	0.25	9.93
AV	15.825M	15.05	50.00	-34.95	20.14	Neutral	-	-5.09	9.96	0.25	9.93

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	7.025M	10.445M	10M5G1D	7.025M	10.345M
802.11b_Nss1,(1Mbps)_2TX	7.05M	10.37M	10M4G1D	6.55M	10.27M
802.11g_Nss1,(6Mbps)_2TX	16.35M	16.817M	16M9D1D	16.325M	16.667M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.975M	19.065M	19M1D1D	18.725M	18.991M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.55M	37.781M	37M8D1D	37.2M	37.631M

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

Result

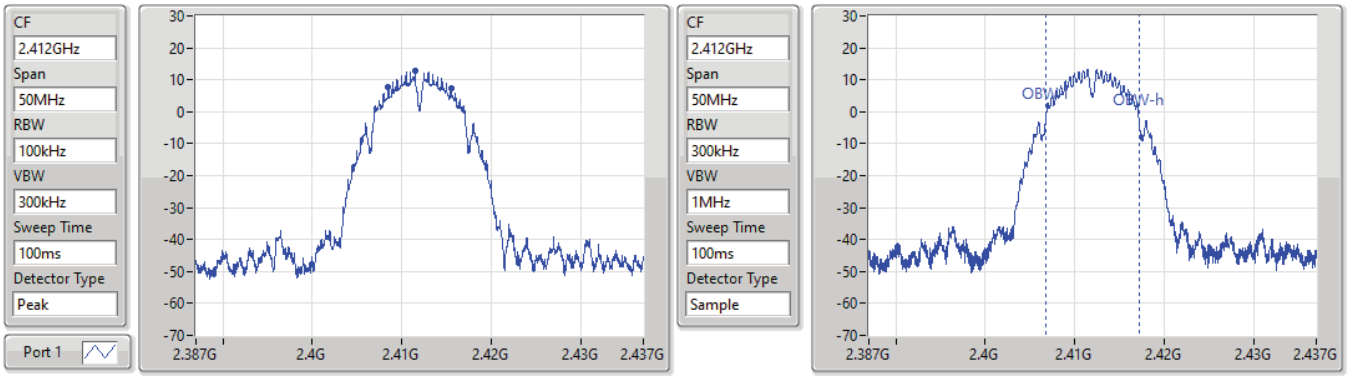
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	500k	7.025M	10.445M		
2437MHz	Pass	500k	7.025M	10.37M		
2462MHz	Pass	500k	7.025M	10.345M		
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.05M	10.37M	7.025M	10.27M
2437MHz	Pass	500k	6.55M	10.37M	7.025M	10.345M
2462MHz	Pass	500k	7.05M	10.32M	7.025M	10.345M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	16.792M	16.325M	16.817M
2437MHz	Pass	500k	16.325M	16.692M	16.325M	16.792M
2462MHz	Pass	500k	16.35M	16.767M	16.35M	16.667M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.975M	18.991M	18.725M	19.015M
2437MHz	Pass	500k	18.95M	18.991M	18.975M	19.065M
2462MHz	Pass	500k	18.95M	19.04M	18.95M	18.991M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.55M	37.731M	37.3M	37.631M
2437MHz	Pass	500k	37.2M	37.731M	37.3M	37.781M
2452MHz	Pass	500k	37.25M	37.731M	37.2M	37.731M

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

802.11b_Nss1,(1Mbps)_1TX(Port1) EBW

2412MHz

27/07/2022

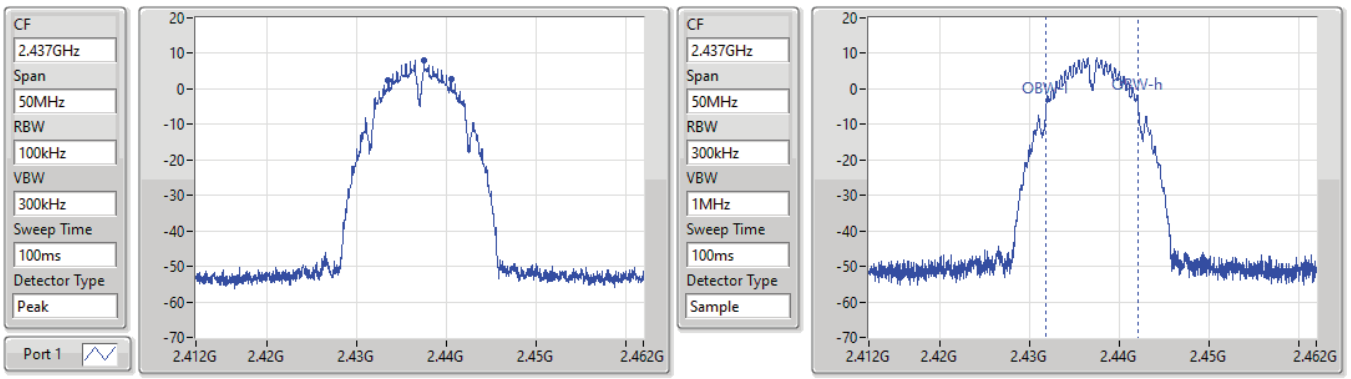


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.025M	2.408475G	2.4155G	10.445M	2.406778G	2.417222G	500k	1

802.11b_Nss1,(1Mbps)_1TX(Port1) EBW

2437MHz

27/07/2022

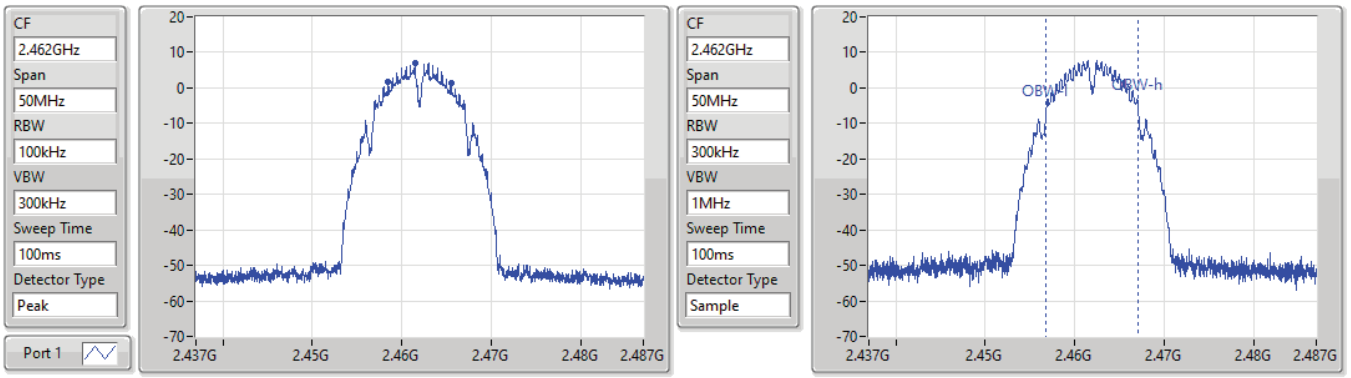


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.025M	2.433475G	2.4405G	10.37M	2.431778G	2.442147G	500k	1

802.11b_Nss1,(1Mbps)_1TX(Port1) EBW

2462MHz

27/07/2022

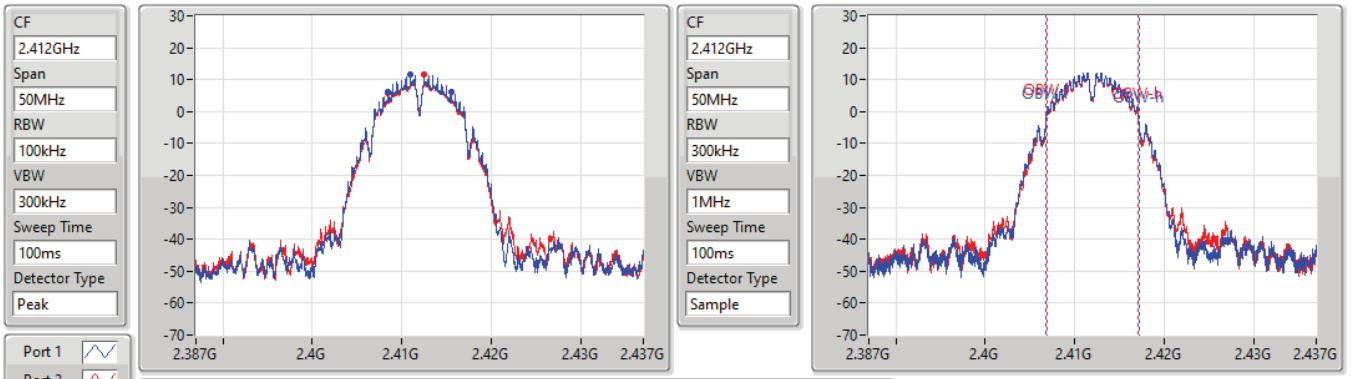


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.025M	2.458475G	2.4655G	10.345M	2.456778G	2.467122G	500k	1

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

27/07/2022

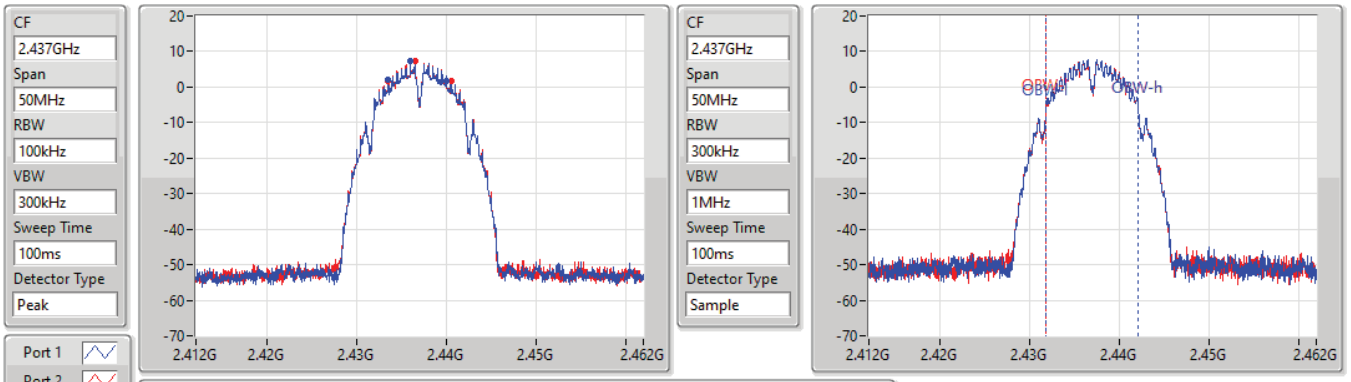


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.40845G	2.4155G	10.37M	2.406803G	2.417172G	500k	1
7.025M	2.408475G	2.4155G	10.27M	2.406853G	2.417122G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

27/07/2022

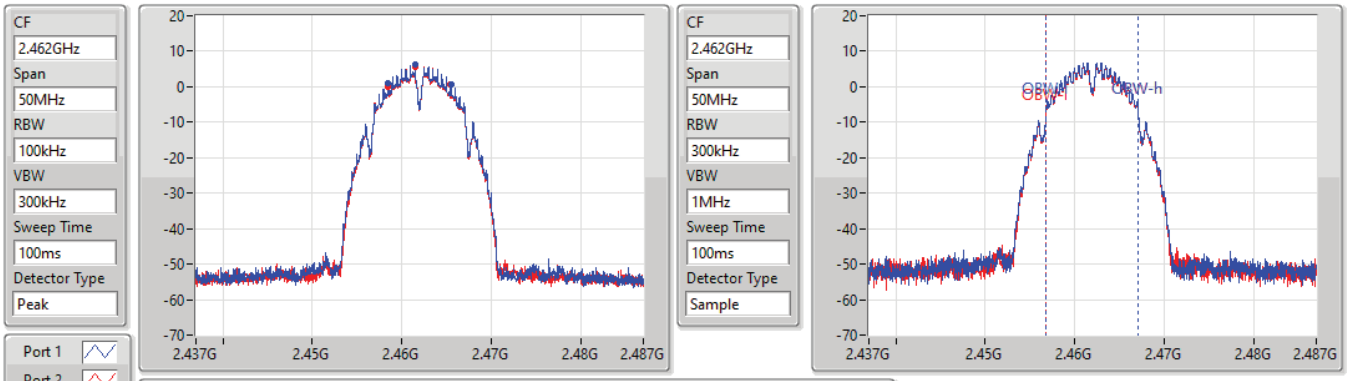


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.55M	2.433475G	2.440025G	10.37M	2.431778G	2.442147G	500k	1
7.025M	2.433475G	2.4405G	10.345M	2.431803G	2.442147G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

28/07/2022

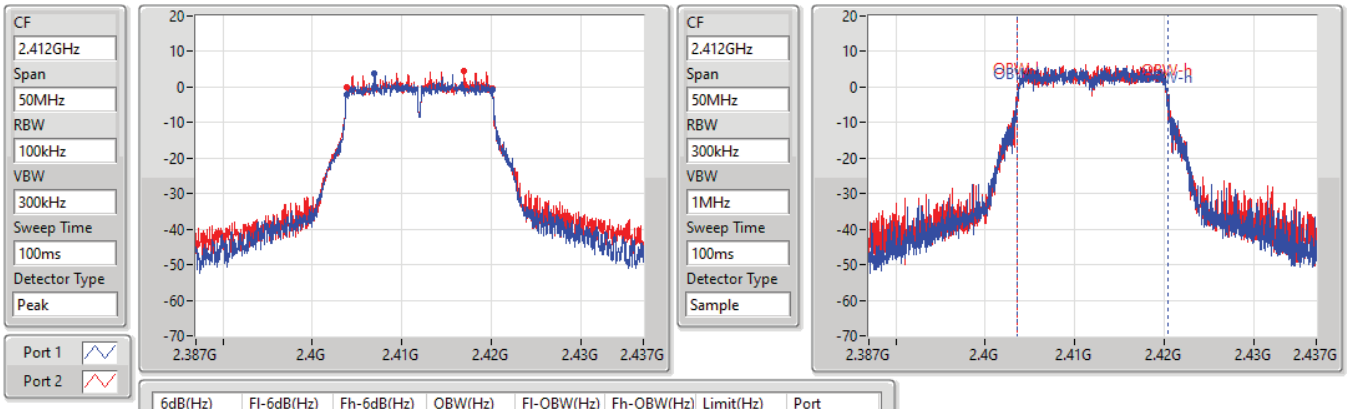


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.45845G	2.4655G	10.32M	2.456803G	2.467122G	500k	1
7.025M	2.45845G	2.465475G	10.345M	2.456778G	2.467122G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

27/07/2022

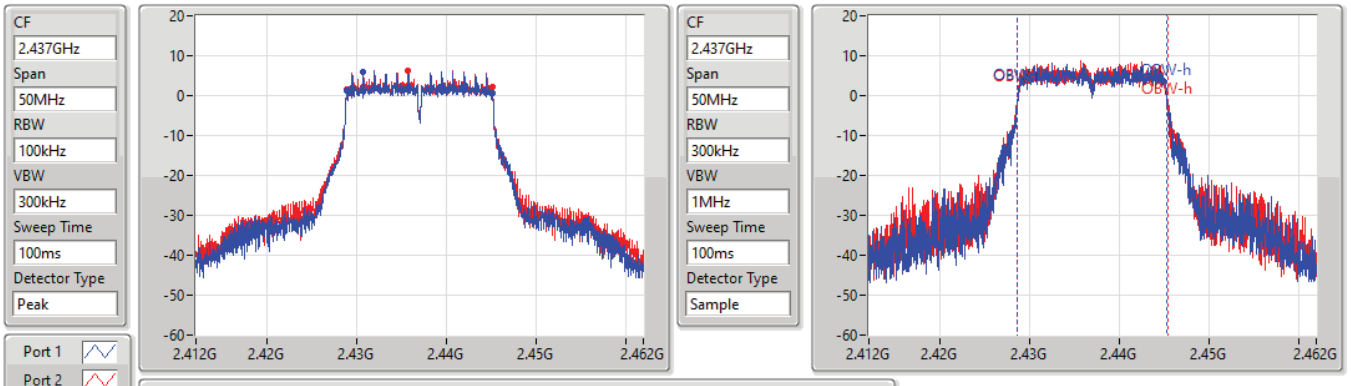


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4038G	2.42015G	16.792M	2.403604G	2.420396G	500k	1
16.325M	2.403825G	2.42015G	16.817M	2.403579G	2.420396G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

27/07/2022

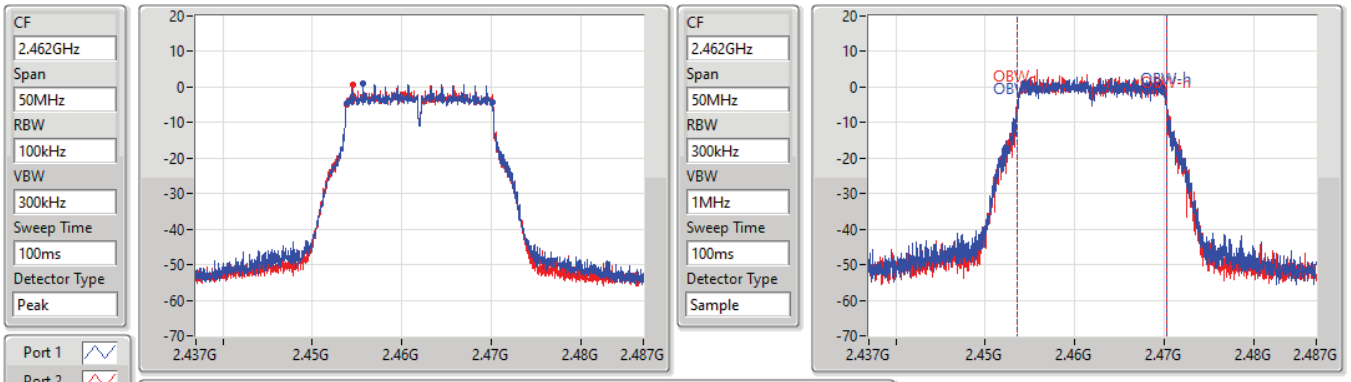


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	16.692M	2.428629G	2.445321G	500k	1
16.325M	2.428825G	2.44515G	16.792M	2.428579G	2.445371G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

27/07/2022

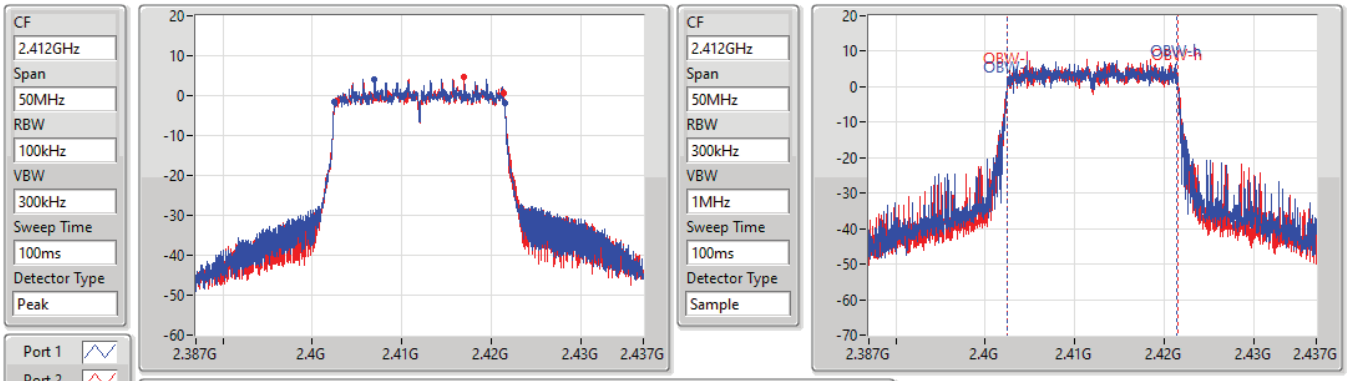


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4538G	2.47015G	16.767M	2.453554G	2.470321G	500k	1
16.35M	2.4538G	2.47015G	16.667M	2.453629G	2.470296G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

27/07/2022

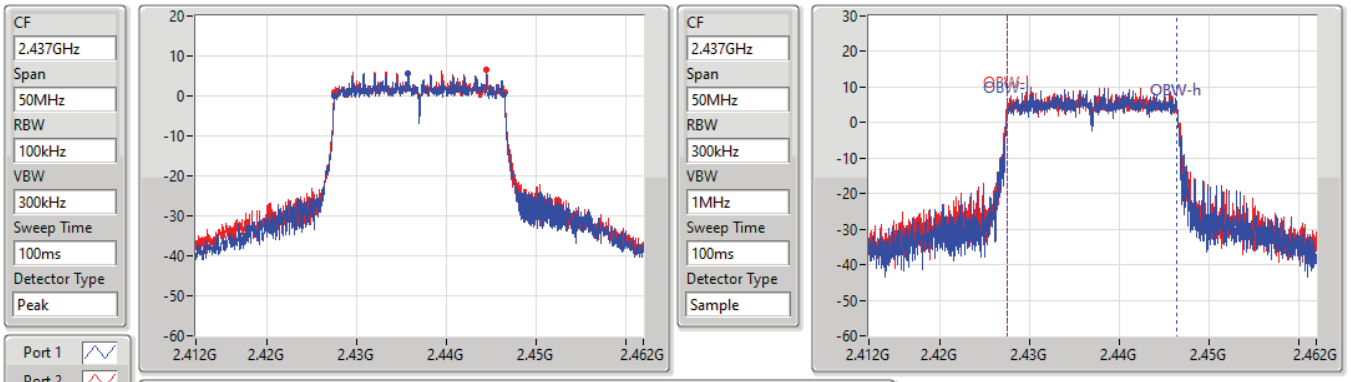


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.4025G	2.421475G	18.991M	2.40248G	2.42147G	500k	1
18.725M	2.402725G	2.42145G	19.015M	2.402505G	2.42152G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

27/07/2022

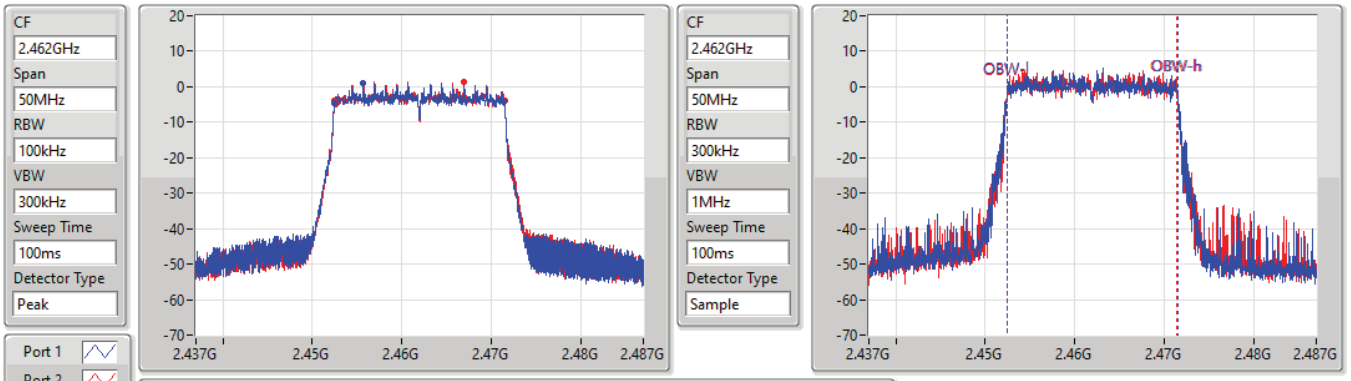


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.4275G	2.44645G	18.991M	2.42748G	2.44647G	500k	1
18.975M	2.4275G	2.446475G	19.065M	2.427405G	2.44647G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2462MHz

27/07/2022

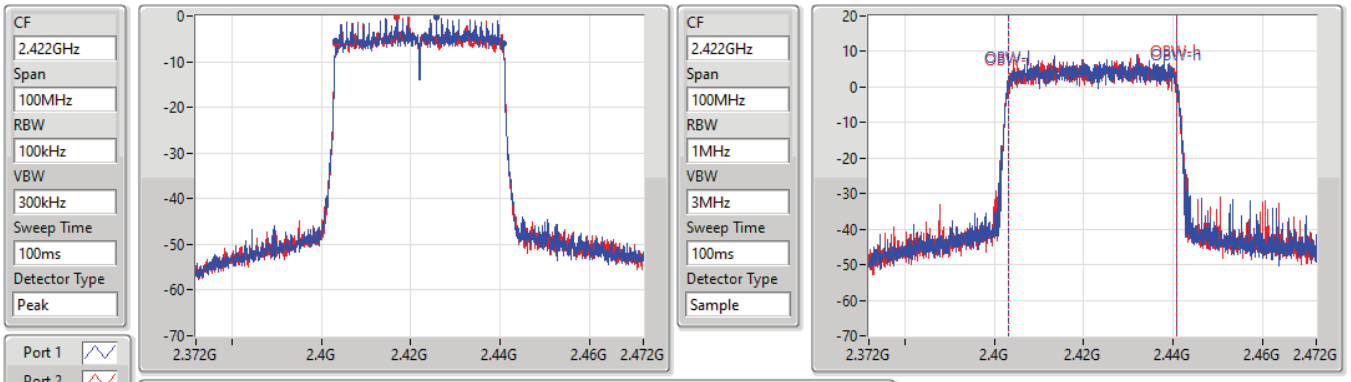


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.452475G	2.471425G	19.04M	2.452455G	2.471495G	500k	1
18.95M	2.452525G	2.471475G	18.991M	2.45248G	2.47147G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2422MHz

27/07/2022

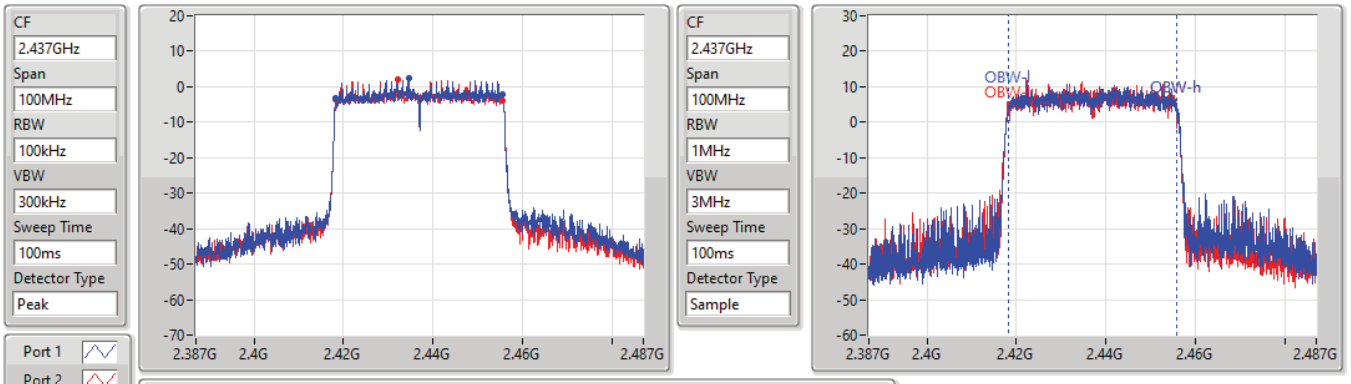


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.55M	2.4032G	2.44075G	37.731M	2.403109G	2.440841G	500k	1
37.3M	2.4032G	2.4405G	37.631M	2.403159G	2.440791G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2437MHz

27/07/2022

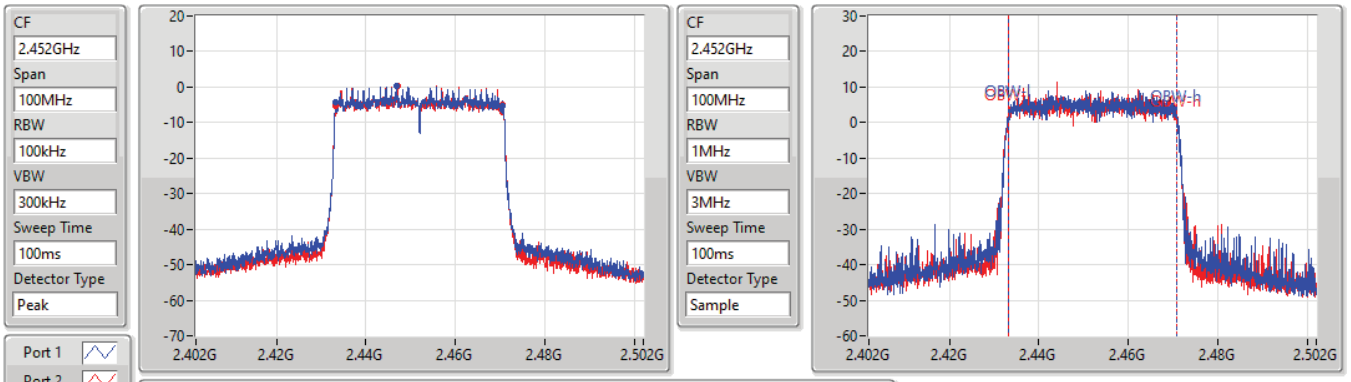


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.2M	2.41825G	2.45545G	37.731M	2.418159G	2.455891G	500k	1
37.3M	2.4182G	2.4555G	37.781M	2.418059G	2.455841G	500k	2

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

2452MHz

27/07/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.25M	2.4332G	2.47045G	37.731M	2.433109G	2.470841G	500k	1
37.2M	2.4332G	2.4704G	37.731M	2.433109G	2.470841G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19M	19.04M	19M0D1D	18.75M	18.966M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.65M	37.931M	38M0D1D	35.1M	37.631M

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

Result

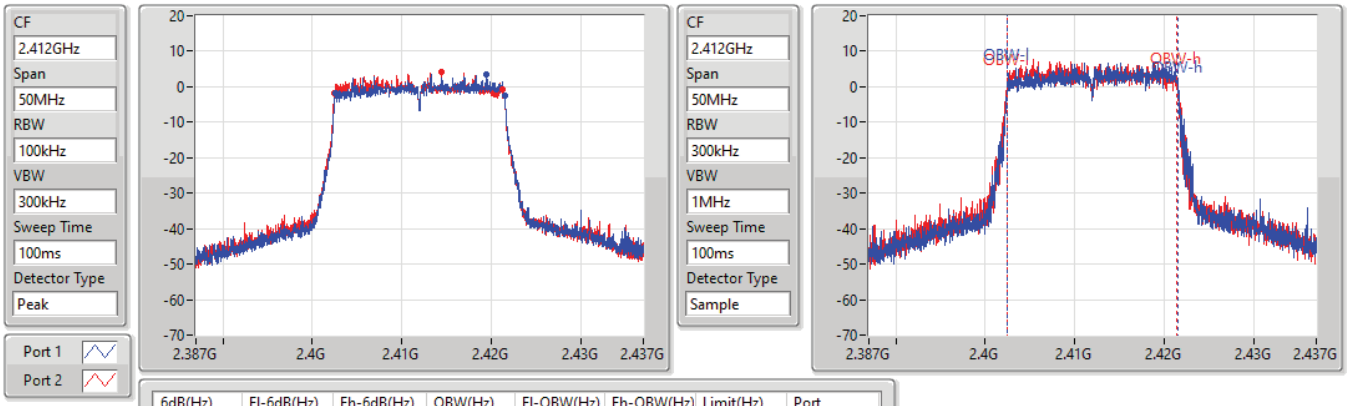
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.825M	19.015M	18.775M	19.015M
2437MHz	Pass	500k	18.8M	19.04M	19M	19.04M
2462MHz	Pass	500k	18.75M	19.04M	18.9M	18.966M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.1M	37.631M	37.6M	37.831M
2437MHz	Pass	500k	35.6M	37.681M	37.65M	37.931M
2452MHz	Pass	500k	37.1M	37.731M	35.9M	37.781M

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

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2412MHz

08/09/2022

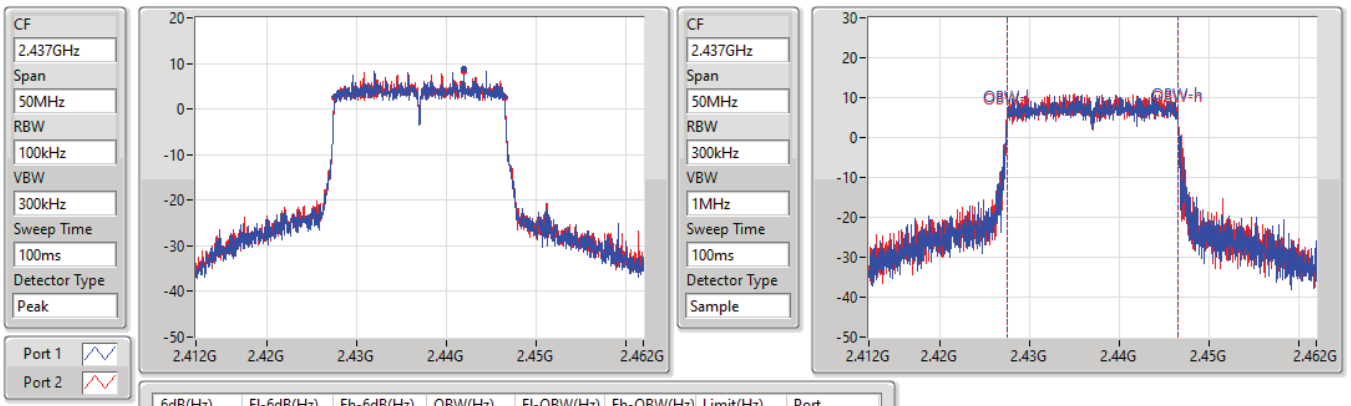


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.825M	2.40265G	2.421475G	19.015M	2.402505G	2.42152G	500k	1
18.775M	2.402475G	2.42125G	19.015M	2.402455G	2.42147G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2437MHz

08/09/2022

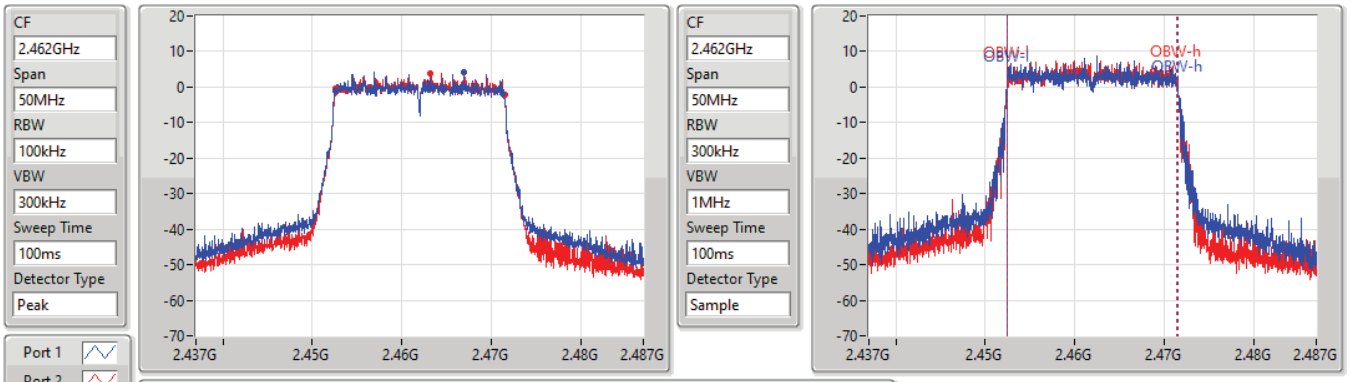


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.8M	2.4276G	2.4464G	19.04M	2.42748G	2.44652G	500k	1
19M	2.4275G	2.4465G	19.04M	2.42748G	2.44652G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2462MHz

08/09/2022

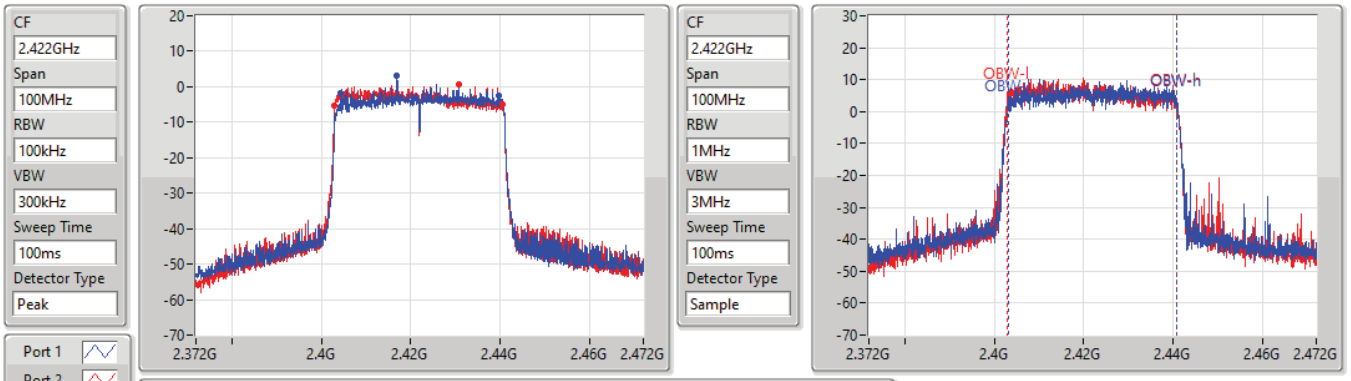


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	2.45255G	2.4713G	19.04M	2.452455G	2.471495G	500k	1
18.9M	2.452575G	2.471475G	18.966M	2.452505G	2.47147G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2422MHz

08/09/2022

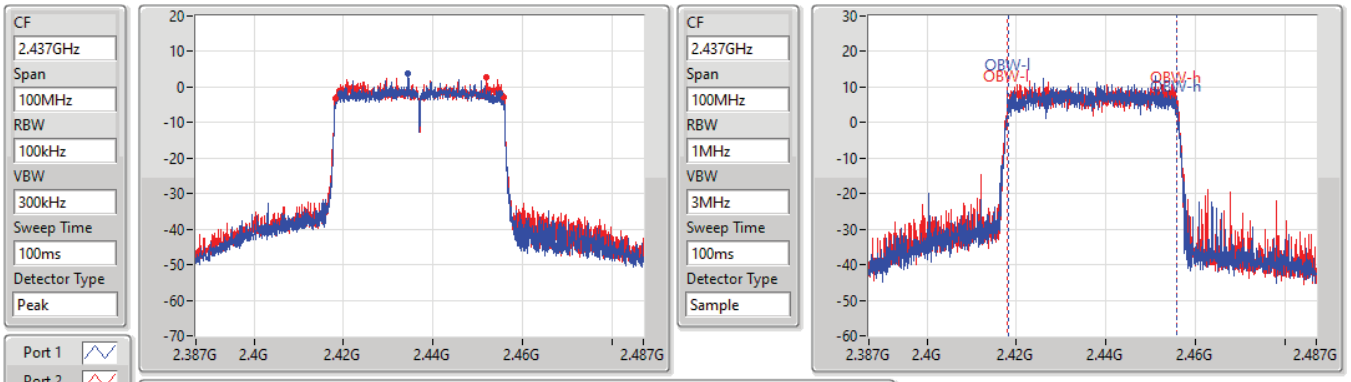


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.40445G	2.43955G	37.631M	2.403209G	2.440841G	500k	1
37.6M	2.40305G	2.44065G	37.831M	2.40291G	2.440741G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2437MHz

08/09/2022

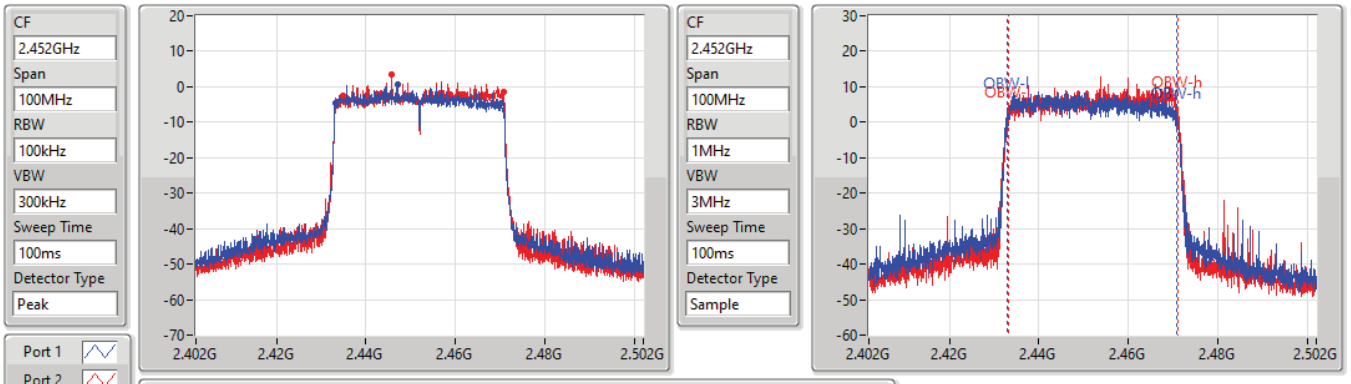


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.6M	2.41925G	2.45485G	37.681M	2.418059G	2.455741G	500k	1
37.65M	2.41815G	2.4558G	37.931M	2.418009G	2.455941G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2452MHz

08/09/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.1M	2.43325G	2.47035G	37.731M	2.433009G	2.470741G	500k	1
35.9M	2.4349G	2.4708G	37.781M	2.433209G	2.470991G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	20.63	0.11561
802.11b_Nss1,(1Mbps)_2TX	22.27	0.16866
802.11g_Nss1,(6Mbps)_2TX	20.79	0.11995
802.11ax HEW20_Nss1,(MCS0)_2TX	21.03	0.12677
802.11ax HEW40_Nss1,(MCS0)_2TX	19.57	0.09057

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	2.28	20.63		20.63	30.00
2437MHz	Pass	2.28	15.74		15.74	30.00
2457MHz	Pass	2.28	15.64		15.64	30.00
2462MHz	Pass	2.28	14.95		14.95	30.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.20	19.45	19.07	22.27	30.00
2437MHz	Pass	3.20	14.83	14.87	17.86	30.00
2457MHz	Pass	3.20	15.04	14.93	18.00	30.00
2462MHz	Pass	3.20	13.89	13.73	16.82	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.20	15.71	15.96	18.85	30.00
2417MHz	Pass	3.20	15.16	15.40	18.29	30.00
2437MHz	Pass	3.20	17.50	18.04	20.79	30.00
2457MHz	Pass	3.20	16.13	16.32	19.24	30.00
2462MHz	Pass	3.20	12.59	13.07	15.85	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.20	16.04	16.09	19.08	30.00
2417MHz	Pass	3.20	15.15	15.47	18.32	30.00
2437MHz	Pass	3.20	17.66	18.35	21.03	30.00
2457MHz	Pass	3.20	16.38	16.67	19.54	30.00
2462MHz	Pass	3.20	12.97	13.24	16.12	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.20	14.08	14.02	17.06	30.00
2427MHz	Pass	3.20	14.37	14.22	17.31	30.00
2437MHz	Pass	3.20	16.59	16.52	19.57	30.00
2447MHz	Pass	3.20	14.97	14.99	17.99	30.00
2452MHz	Pass	3.20	14.78	14.62	17.71	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	22.15	0.16406
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	19.56	0.09036

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.23	14.87	15.36	18.13	30.00
2417MHz	Pass	3.23	15.73	15.60	18.68	30.00
2437MHz	Pass	3.23	19.41	18.85	22.15	30.00
2457MHz	Pass	3.23	17.00	16.59	19.81	30.00
2462MHz	Pass	3.23	14.87	15.18	18.04	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.23	13.69	13.79	16.75	30.00
2427MHz	Pass	3.23	13.38	13.87	16.64	30.00
2437MHz	Pass	3.23	16.69	16.40	19.56	30.00
2447MHz	Pass	3.23	14.36	14.71	17.55	30.00
2452MHz	Pass	3.23	14.48	14.63	17.57	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	-5.23
802.11b_Nss1,(1Mbps)_2TX	-4.42
802.11g_Nss1,(6Mbps)_2TX	-7.70
802.11ax HEW20_Nss1,(MCS0)_2TX	-8.01
802.11ax HEW40_Nss1,(MCS0)_2TX	-11.64

RBW = 3kHz;

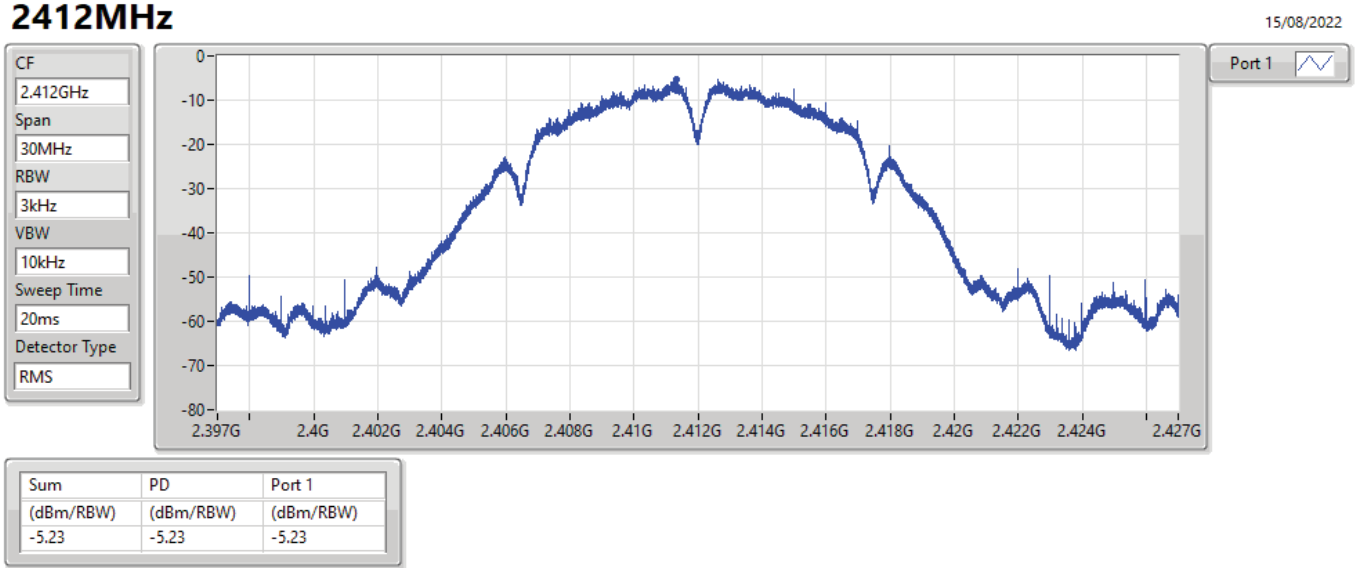
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	2.28	-5.23		-5.23	8.00
2437MHz	Pass	2.28	-9.80		-9.80	8.00
2462MHz	Pass	2.28	-10.31		-10.31	8.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.23	-6.79	-6.67	-4.42	8.00
2437MHz	Pass	3.23	-11.36	-9.72	-7.58	8.00
2462MHz	Pass	3.23	-11.87	-12.37	-9.54	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.23	-12.67	-12.21	-9.42	8.00
2437MHz	Pass	3.23	-11.31	-10.07	-7.70	8.00
2462MHz	Pass	3.23	-16.41	-15.30	-12.83	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.23	-13.69	-13.39	-10.53	8.00
2437MHz	Pass	3.23	-11.78	-10.38	-8.01	8.00
2462MHz	Pass	3.23	-16.34	-15.33	-12.80	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.23	-17.36	-17.37	-14.50	8.00
2437MHz	Pass	3.23	-14.42	-14.85	-11.64	8.00
2452MHz	Pass	3.23	-16.53	-17.23	-14.07	8.00

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

802.11b_Nss1,(1Mbps)_1TX(Port1) PSD

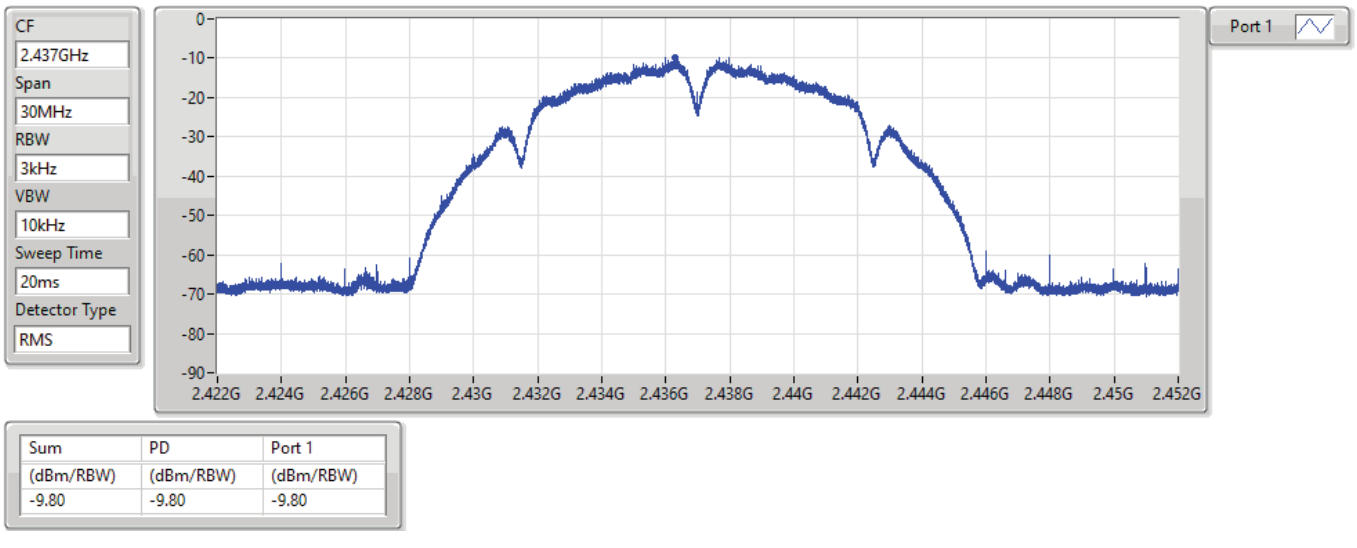
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.23	-5.23	-5.23

802.11b_Nss1,(1Mbps)_1TX(Port1) PSD

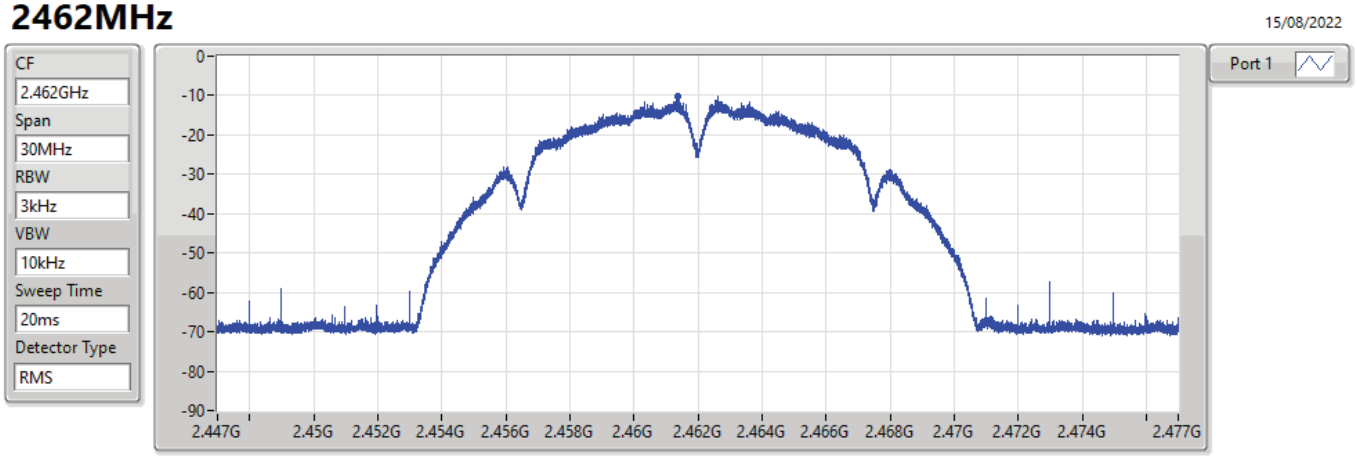
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.80	-9.80	-9.80

802.11b_Nss1,(1Mbps)_1TX(Port1) PSD

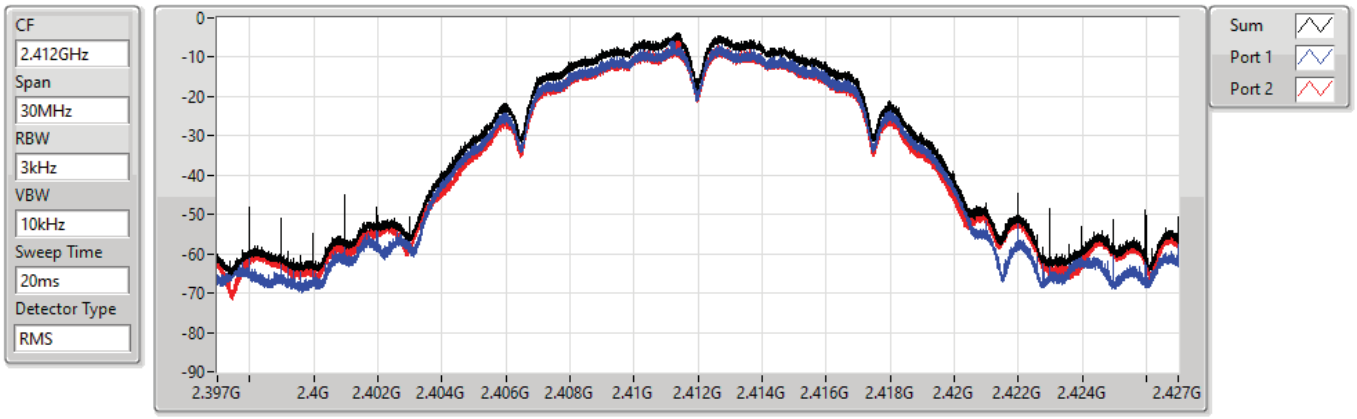
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.31	-10.31	-10.31

802.11b_Nss1,(1Mbps)_2TX PSD

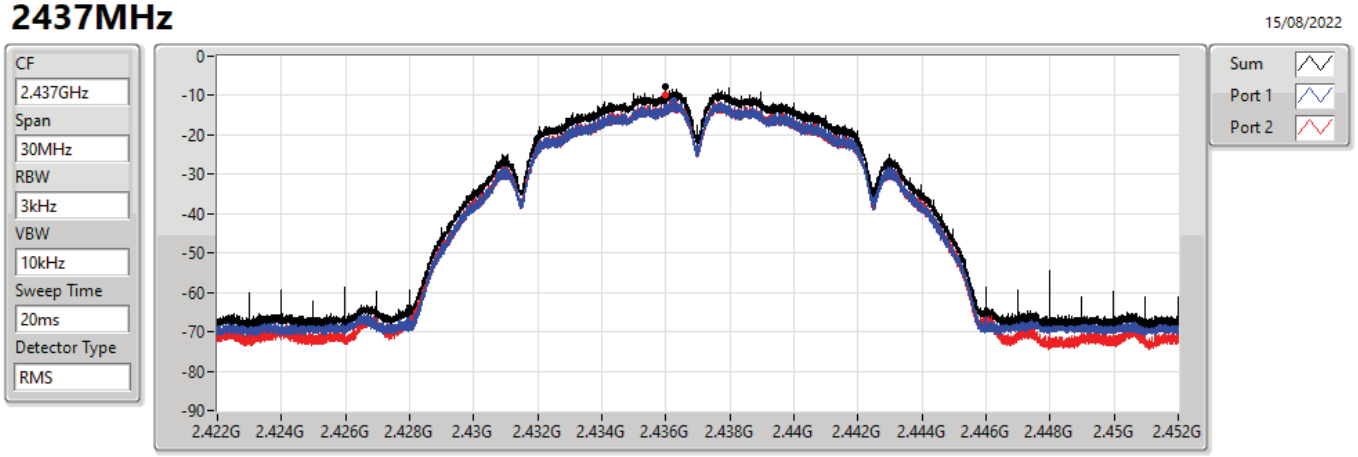
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.42	-4.42	-6.79	-6.67

802.11b_Nss1,(1Mbps)_2TX PSD

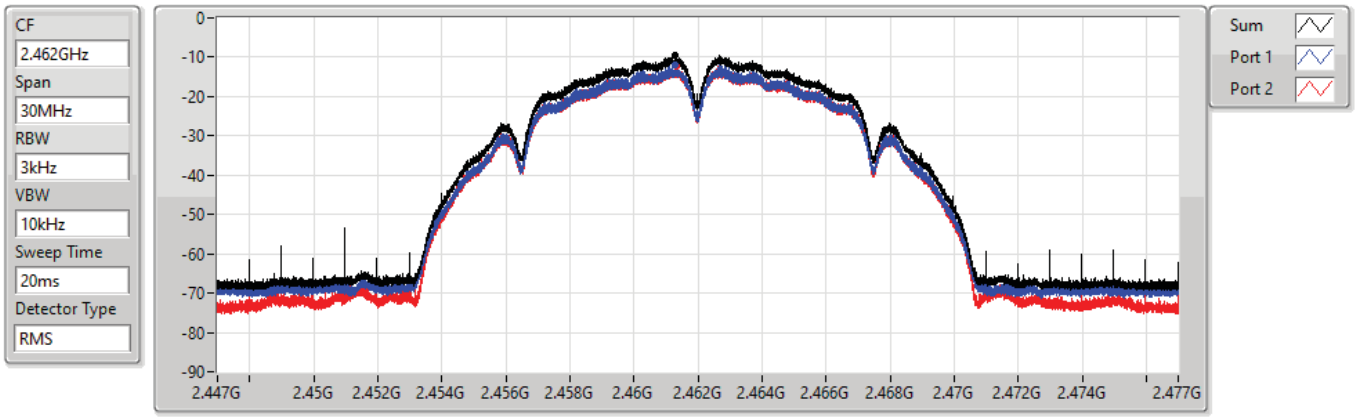
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.58	-7.58	-11.36	-9.72

802.11b_Nss1,(1Mbps)_2TX PSD

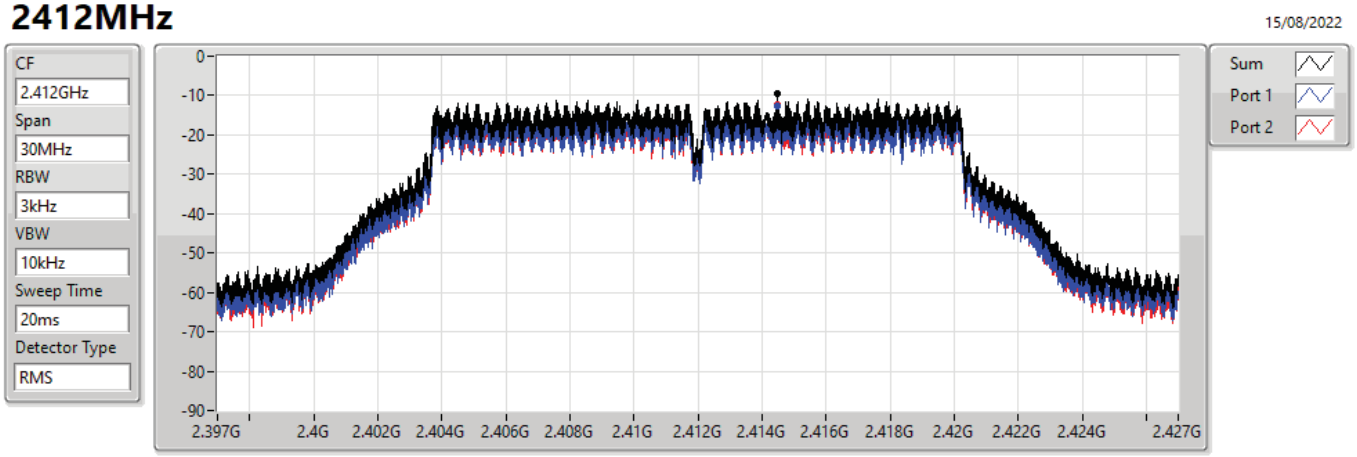
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.54	-9.54	-11.87	-12.37

802.11g_Nss1,(6Mbps)_2TX PSD

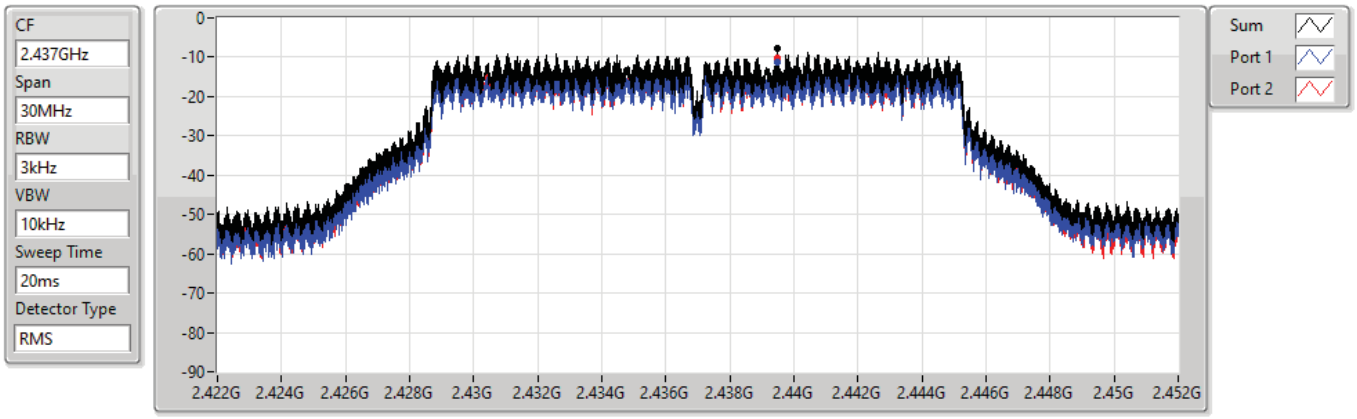
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.42	-9.42	-12.67	-12.21

802.11g_Nss1,(6Mbps)_2TX PSD

2437MHz

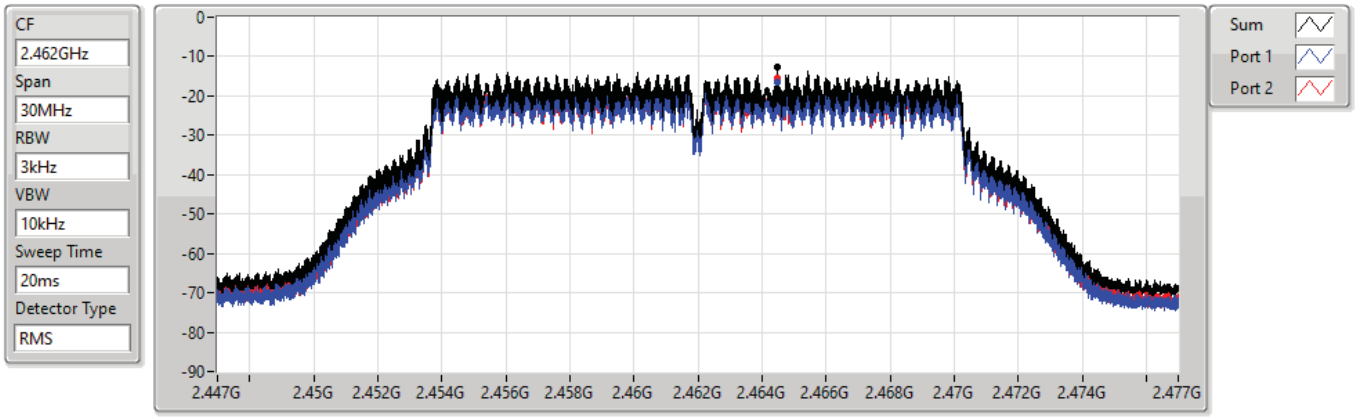


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.70	-7.70	-11.31	-10.07

802.11g_Nss1,(6Mbps)_2TX PSD

2462MHz

15/08/2022

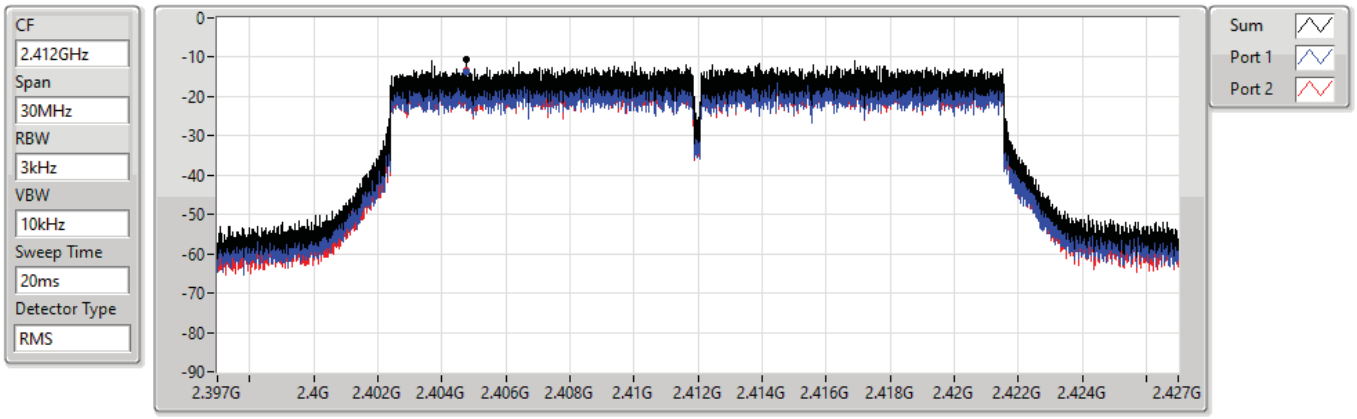


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.83	-12.83	-16.41	-15.30

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

2412MHz

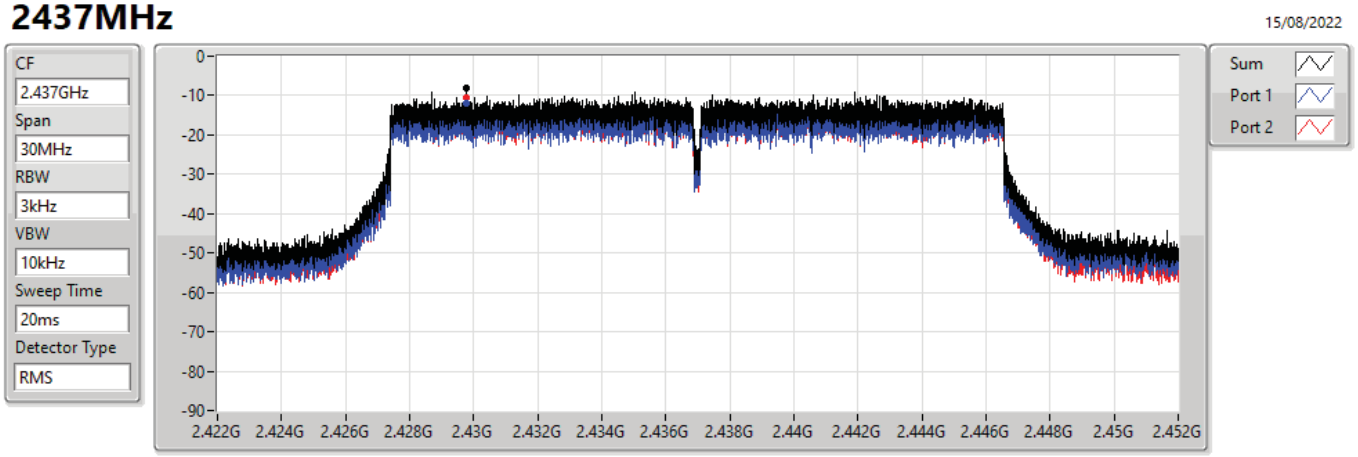
15/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.53	-10.53	-13.69	-13.39

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

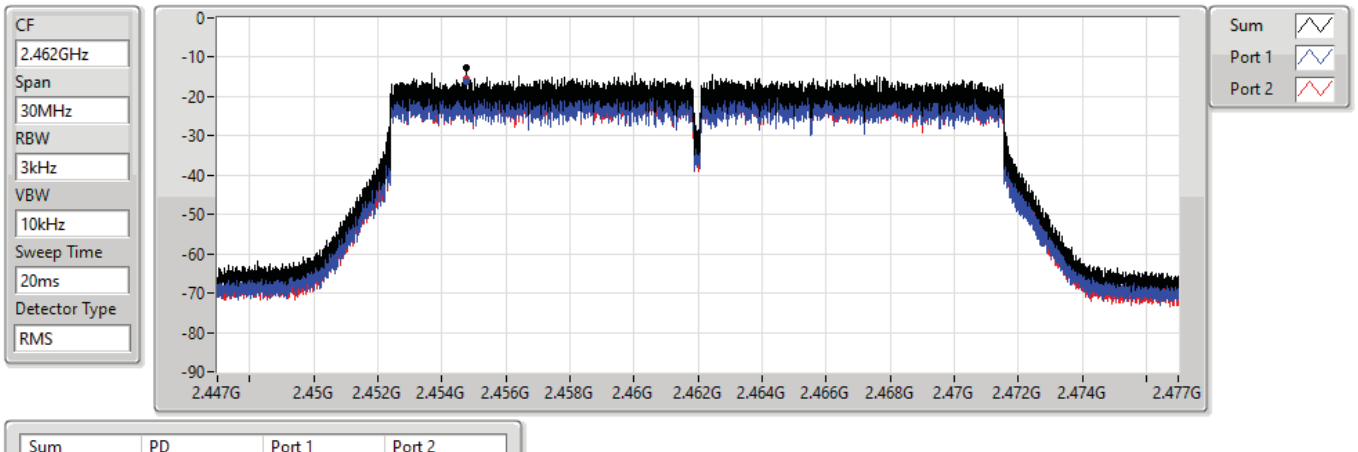
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.01	-8.01	-11.78	-10.38

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

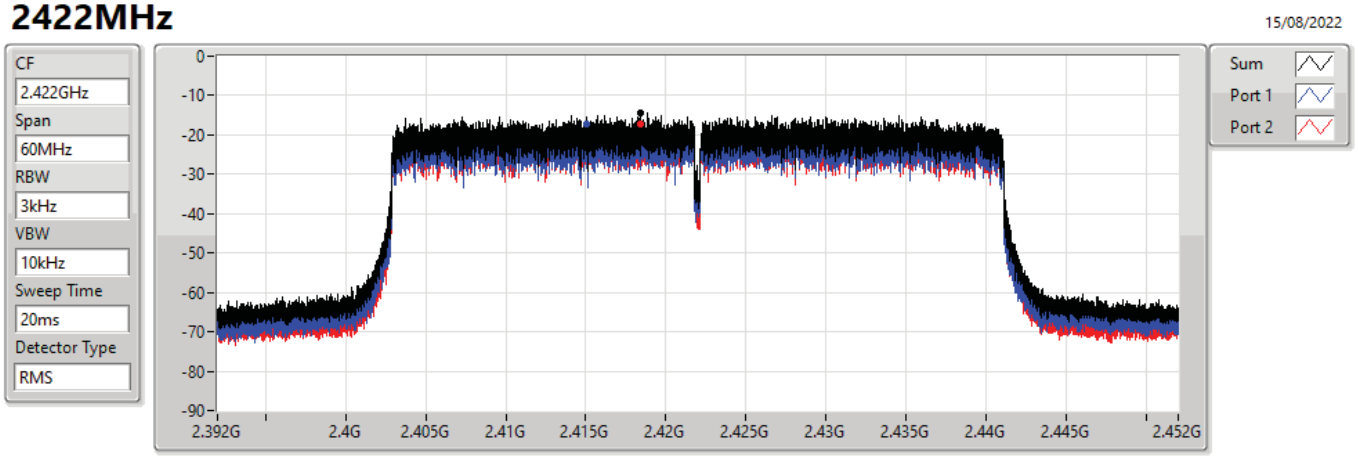
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.80	-12.80	-16.34	-15.33

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

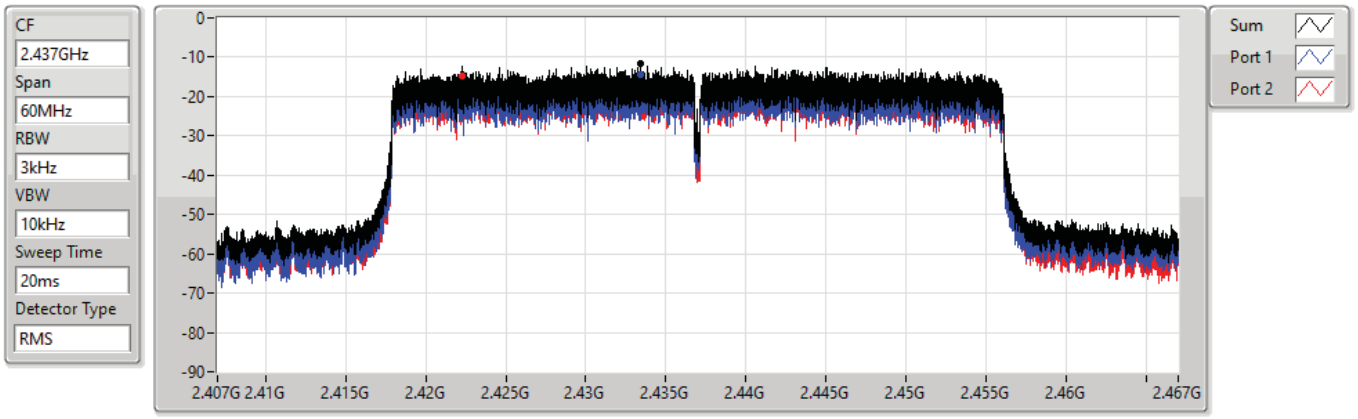
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.50	-14.50	-17.36	-17.37

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

2437MHz

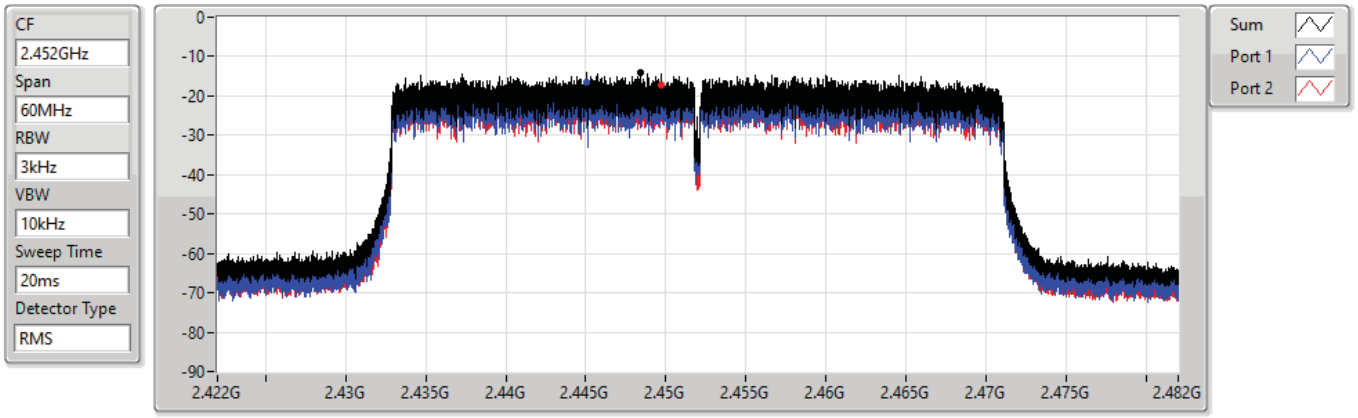


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.64	-11.64	-14.42	-14.85

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

2452MHz

15/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.07	-14.07	-16.53	-17.23

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-8.41
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-12.40

RBW = 3kHz;

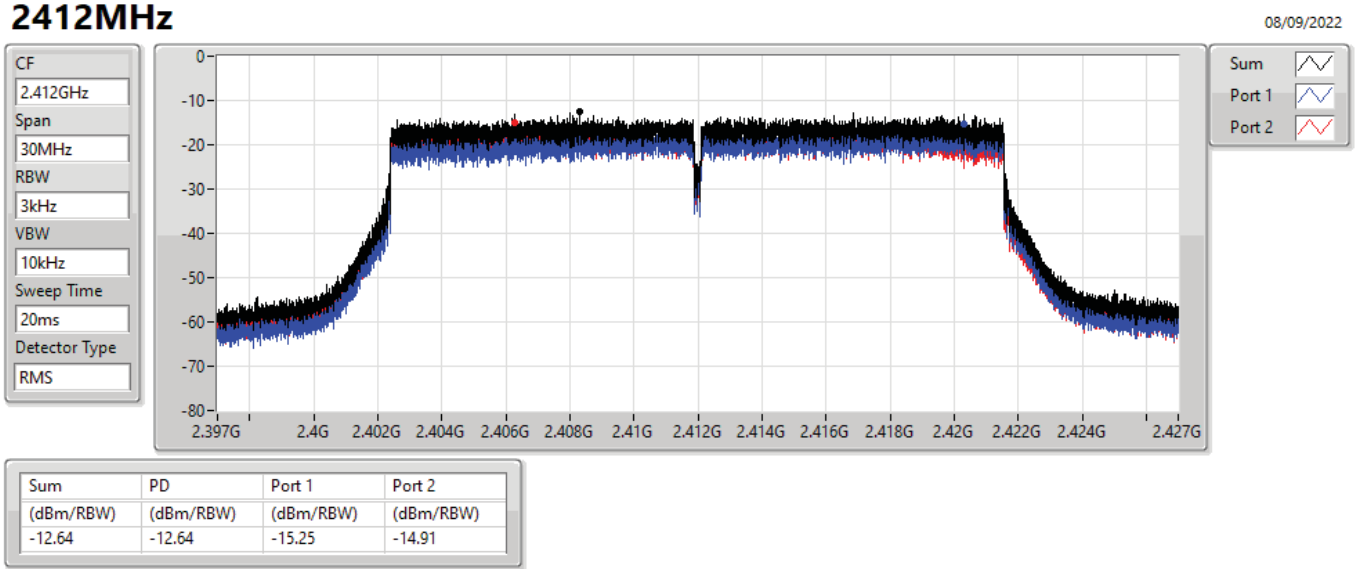
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.23	-15.25	-14.91	-12.64	8.00
2437MHz	Pass	3.23	-11.37	-11.41	-8.41	8.00
2462MHz	Pass	3.23	-15.63	-15.30	-12.61	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.23	-16.30	-15.30	-13.46	8.00
2437MHz	Pass	3.23	-14.22	-14.25	-12.40	8.00
2452MHz	Pass	3.23	-16.42	-16.39	-13.87	8.00

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

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

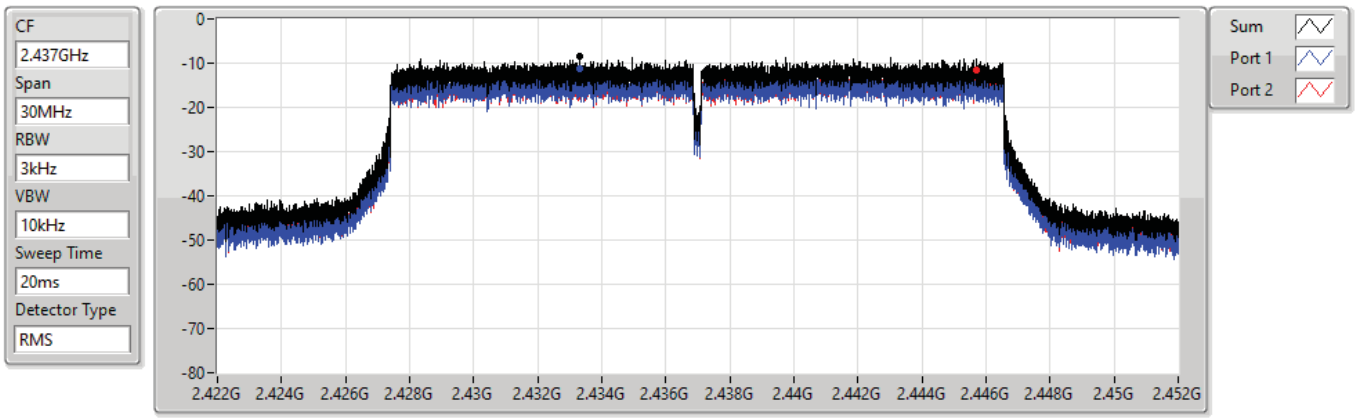
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.64	-12.64	-15.25	-14.91

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

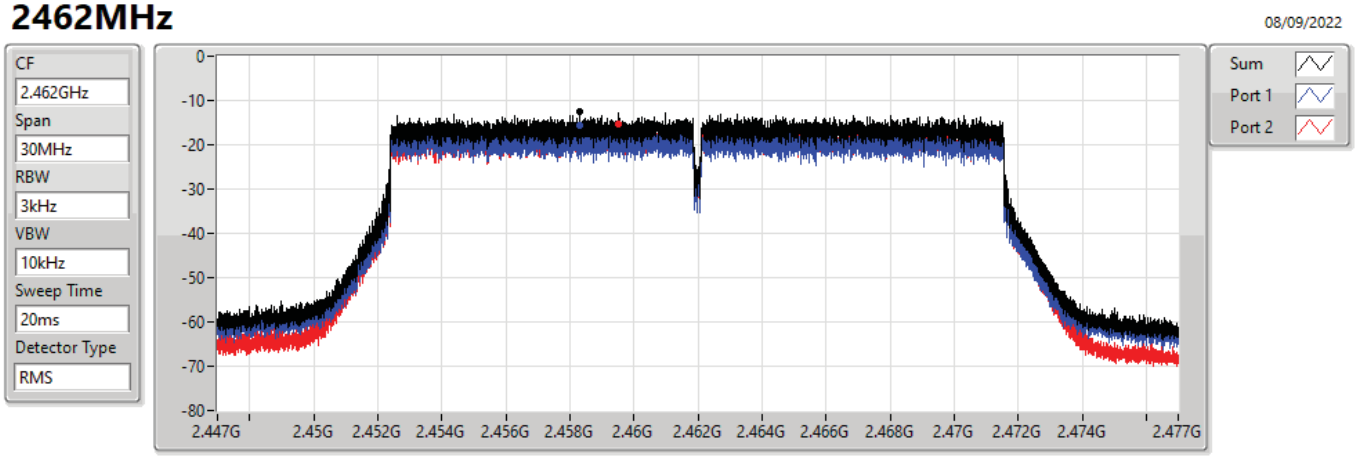
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.41	-8.41	-11.37	-11.41

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

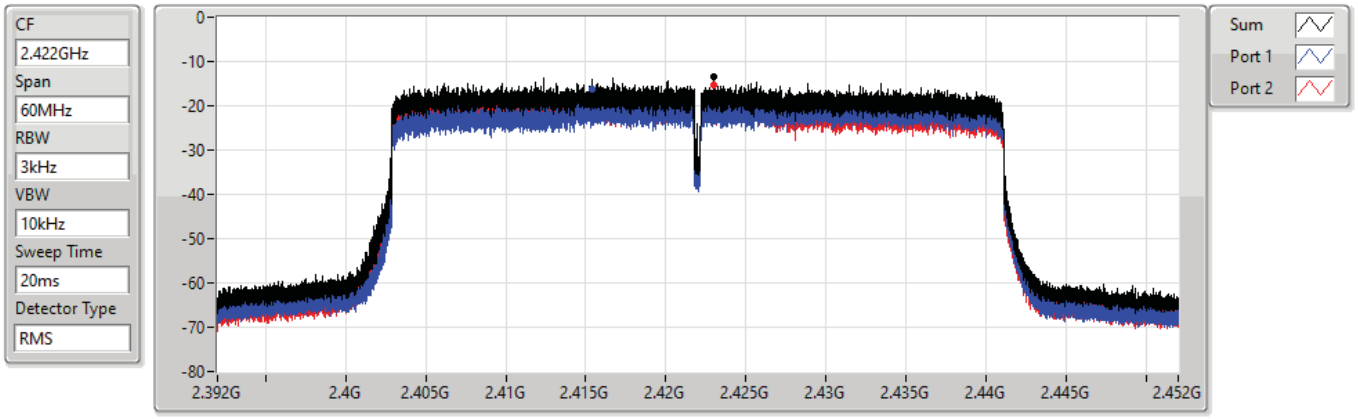
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.61	-12.61	-15.63	-15.30

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

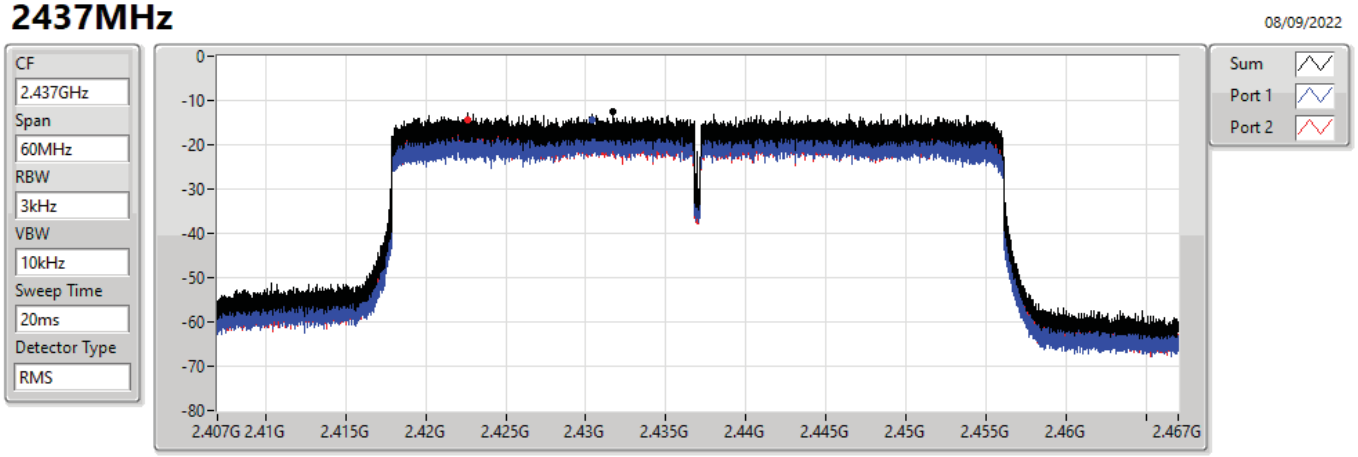
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.46	-13.46	-16.30	-15.30

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

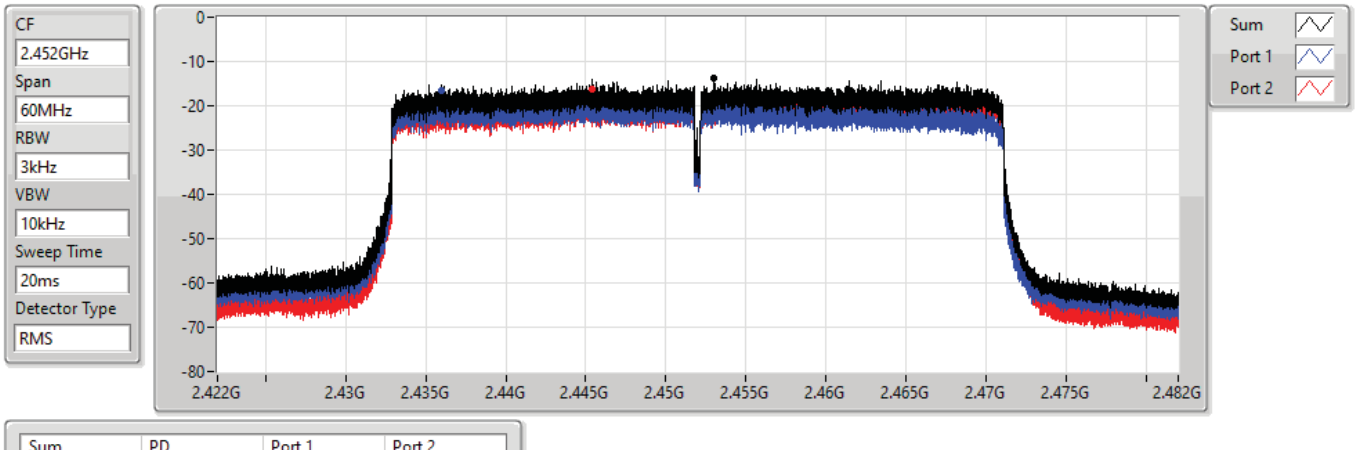
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.40	-12.40	-14.22	-14.25

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.87	-13.87	-16.42	-16.39

Summary

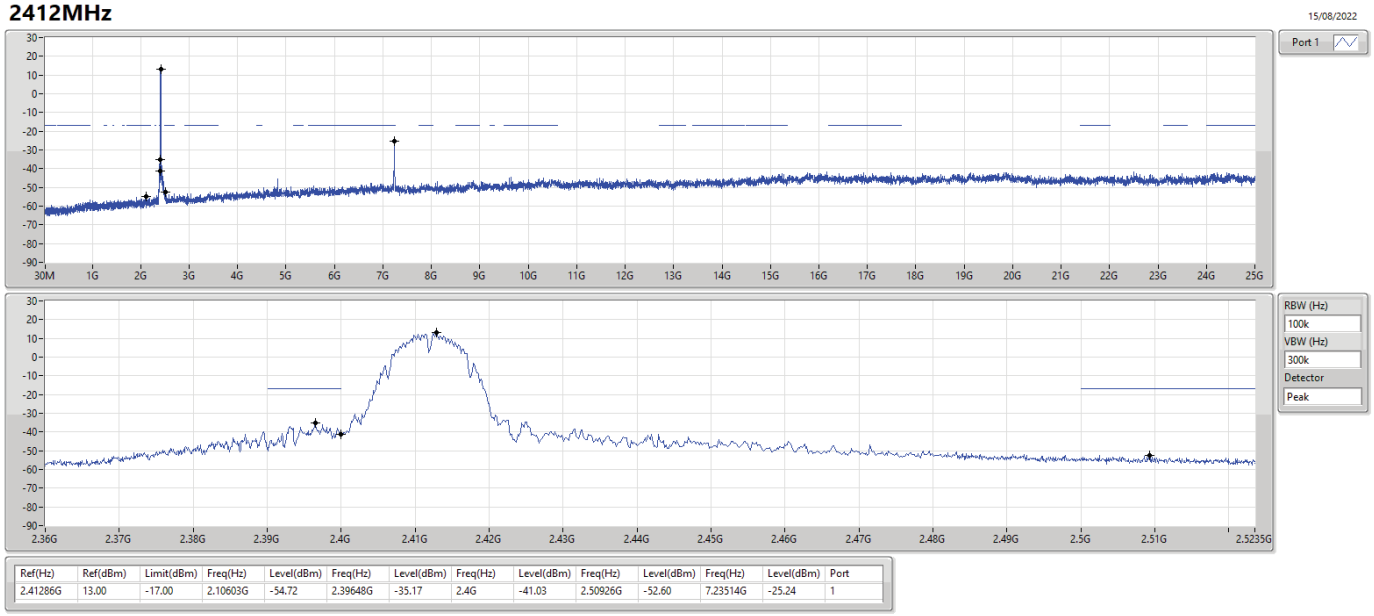
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	Pass	2.41286G	13.00	-17.00	2.10603G	-54.72	2.39648G	-35.17	2.4G	-41.03	2.50926G	-52.60	7.23514G	-25.24	1
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41286G	11.79	-18.21	1.98953G	-55.45	2.39752G	-36.34	2.4G	-39.52	2.5067G	-52.79	7.23514G	-32.38	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.41319G	2.29	-27.71	2.30175G	-55.03	2.4G	-33.34	2.4G	-33.26	2.50174G	-51.67	7.23233G	-39.59	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.41687G	4.37	-25.63	2.02448G	-55.25	2.39968G	-29.95	2.4G	-29.57	2.51438G	-53.34	7.23514G	-38.96	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.4319G	2.46	-27.54	2.07612G	-54.72	2.39952G	-31.94	2.4G	-42.68	2.50222G	-49.18	15.00734G	-41.58	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41286G	13.00	-17.00	2.10603G	-54.72	2.39648G	-35.17	2.4G	-41.03	2.50926G	-52.60	7.23514G	-25.24	1
2437MHz	Pass	2.43758G	8.23	-21.77	2.10021G	-53.71	2.39808G	-52.72	2.4G	-54.31	2.50654G	-52.53	24.89043G	-42.13	1
2462MHz	Pass	2.46146G	7.27	-22.73	2.09205G	-54.52	2.39672G	-53.02	2.4G	-53.09	2.5087G	-52.71	24.59542G	-40.63	1
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41253G	11.64	-18.36	1.78915G	-55.12	2.39304G	-40.72	2.4G	-48.28	2.50278G	-52.03	7.23514G	-29.01	1
2412MHz	Pass	2.41286G	11.79	-18.21	1.98953G	-55.45	2.39752G	-36.34	2.4G	-39.52	2.5067G	-52.79	7.23514G	-32.38	2
2437MHz	Pass	2.43641G	7.48	-22.52	2.30525G	-55.46	2.39992G	-52.76	2.4G	-52.92	2.50534G	-52.46	17.18942G	-41.67	1
2437MHz	Pass	2.43591G	7.24	-22.76	2.13399G	-54.77	2.39648G	-51.32	2.4G	-54.25	2.50454G	-52.71	24.24704G	-42.23	2
2462MHz	Pass	2.46146G	6.63	-23.37	2.11885G	-55.07	2.39872G	-52.72	2.4G	-54.99	2.50422G	-52.55	17.14727G	-41.46	1
2462MHz	Pass	2.46246G	5.98	-24.02	2.08273G	-54.88	2.3976G	-52.73	2.4G	-54.37	2.5079G	-52.17	24.28075G	-42.25	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41319G	2.29	-27.71	2.30175G	-55.03	2.4G	-33.34	2.4G	-33.26	2.50174G	-51.67	7.23233G	-39.59	1
2412MHz	Pass	2.41937G	4.13	-25.87	2.12467G	-54.57	2.3992G	-31.90	2.4G	-31.54	2.50702G	-52.58	24.42123G	-41.52	2
2437MHz	Pass	2.4319G	5.86	-24.14	2.127G	-54.63	2.3992G	-47.09	2.4G	-48.85	2.50182G	-51.38	24.48585G	-42.04	1
2437MHz	Pass	2.43941G	6.23	-23.77	2.17244G	-55.36	2.3992G	-43.10	2.4G	-43.87	2.5075G	-51.32	15.18901G	-42.17	2
2462MHz	Pass	2.45695G	0.80	-29.20	2.16079G	-55.35	2.39344G	-52.91	2.4G	-54.34	2.5059G	-52.68	21.88139G	-41.79	1
2462MHz	Pass	2.45578G	1.58	-28.42	2.11768G	-55.02	2.39792G	-52.74	2.4G	-54.51	2.50886G	-52.40	24.15432G	-42.13	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41687G	4.37	-25.63	2.02448G	-55.25	2.39968G	-29.95	2.4G	-29.57	2.51438G	-53.34	7.23514G	-38.96	1
2412MHz	Pass	2.41687G	4.87	-25.13	2.16079G	-54.82	2.4G	-29.69	2.4G	-29.89	2.50382G	-52.99	17.13884G	-41.78	2
2437MHz	Pass	2.43941G	6.19	-23.81	1.93711G	-54.31	2.39784G	-45.19	2.4G	-44.88	2.50486G	-52.36	24.53361G	-42.06	1
2437MHz	Pass	2.43941G	6.34	-23.66	2.30874G	-55.42	2.39264G	-44.64	2.4G	-45.98	2.50334G	-51.81	15.16091G	-41.72	2
2462MHz	Pass	2.46446G	1.31	-28.69	2.30758G	-55.66	2.39208G	-53.06	2.4G	-52.86	2.50302G	-53.03	24.45494G	-42.01	1
2462MHz	Pass	2.46697G	1.35	-28.65	2.30408G	-54.52	2.39088G	-53.35	2.4G	-53.95	2.51038G	-52.40	24.10375G	-41.89	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41937G	-0.18	-30.18	2.16428G	-54.79	2.3992G	-41.82	2.4G	-42.13	2.50206G	-53.54	15.17842G	-41.69	1
2422MHz	Pass	2.41687G	-0.02	-30.02	2.12879G	-53.52	2.3968G	-44.50	2.4G	-47.19	2.51374G	-52.26	24.90184G	-42.06	2
2437MHz	Pass	2.44075G	2.48	-27.52	2.30283G	-55.21	2.39952G	-34.17	2.4G	-41.53	2.50526G	-48.51	16.20489G	-42.31	1
2437MHz	Pass	2.4319G	2.46	-27.54	2.07612G	-54.72	2.39952G	-31.94	2.4G	-42.68	2.50222G	-49.18	15.00734G	-41.58	2
2452MHz	Pass	2.44943G	0.54	-29.46	1.84368G	-55.42	2.39968G	-46.26	2.4G	-50.30	2.50046G	-48.88	15.08868G	-41.76	1
2452MHz	Pass	2.44693G	0.15	-29.85	2.00513G	-54.48	2.39968G	-48.53	2.4G	-49.91	2.50158G	-48.49	17.27904G	-41.84	2

802.11b_Nss1,(1Mbps)_1TX(Port1) **CSENdB**

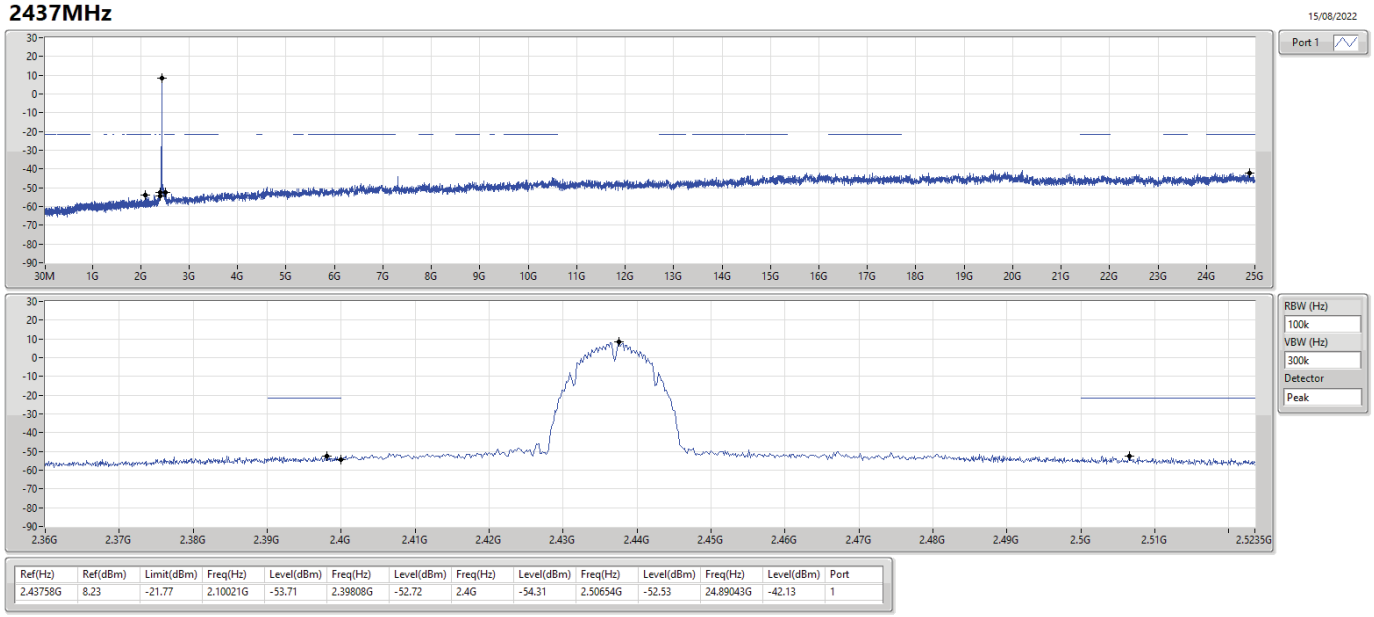
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41286G	13.00	-17.00	2.10603G	-54.72	2.39648G	-35.17	2.4G	-41.03	2.50926G	-52.60	7.23514G	-25.24	1

802.11b_Nss1,(1Mbps)_1TX(Port1) **CSENdB**

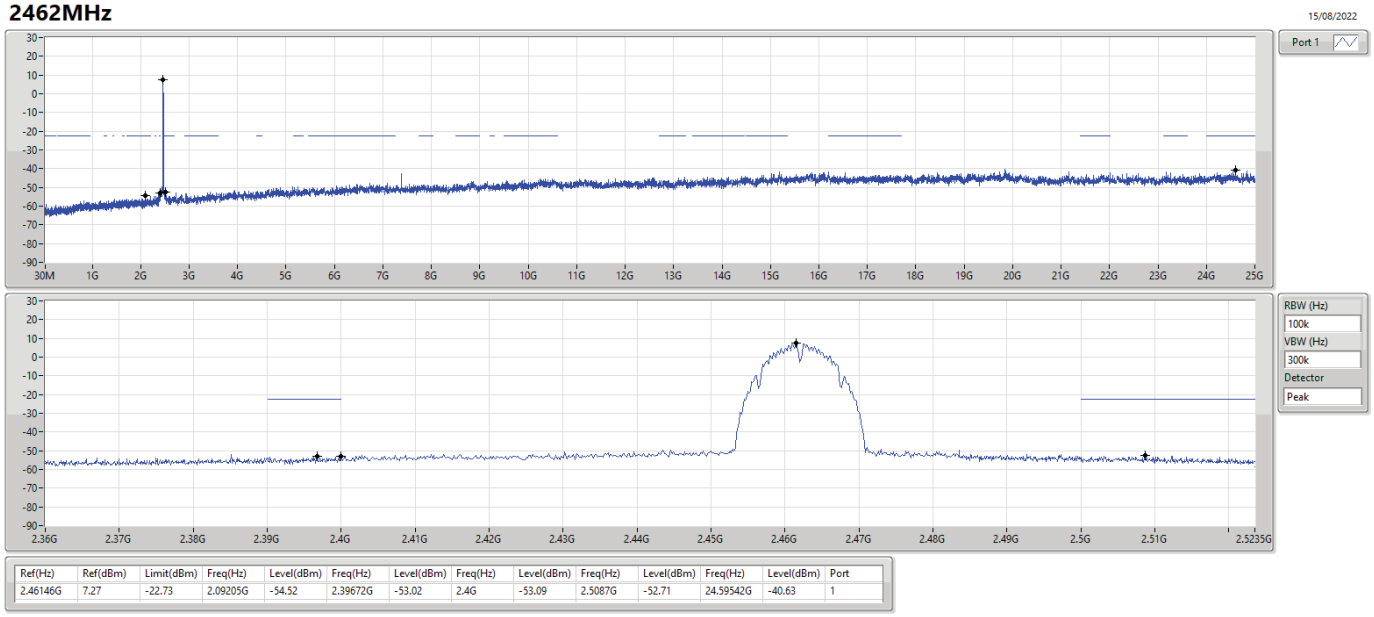
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43758G	8.23	-21.77	2.10021G	-53.71	2.39808G	-52.72	2.4G	-54.31	2.50654G	-52.53	24.89043G	-42.13	1

802.11b_Nss1,(1Mbps)_1TX(Port1) **CSENdB**

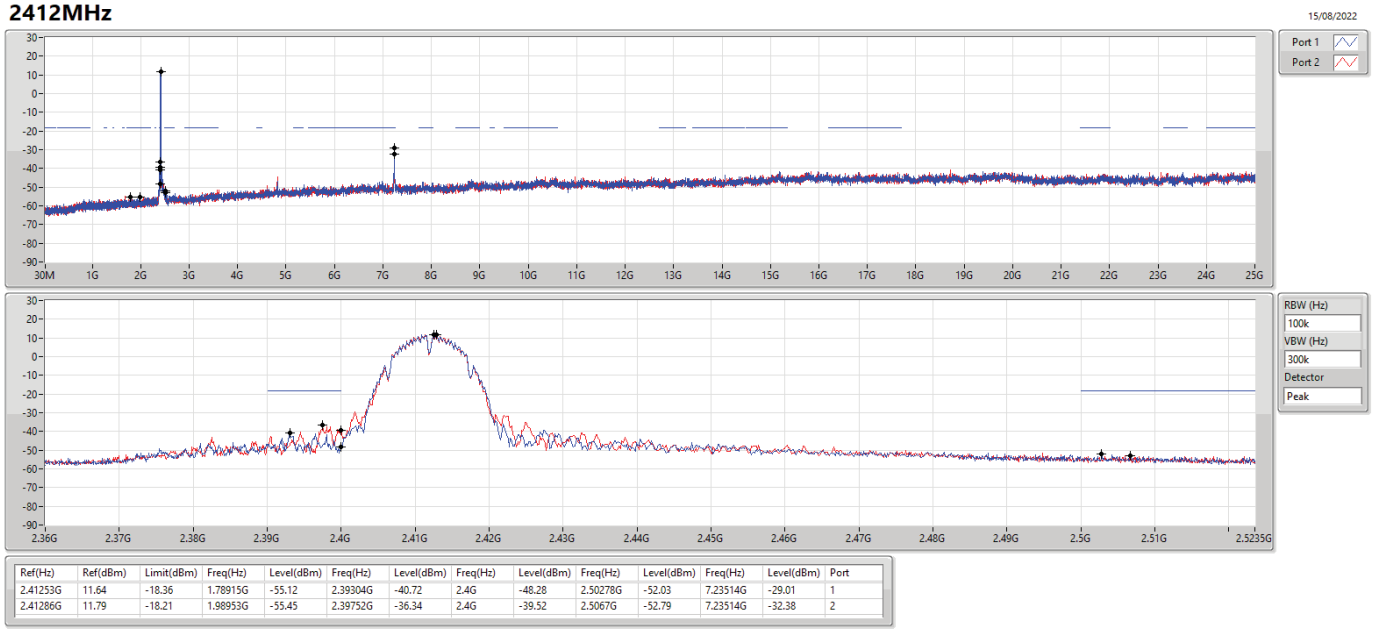
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46146G	7.27	-22.73	2.09205G	-54.52	2.39672G	-53.02	2.4G	-53.09	2.5087G	-52.71	24.59542G	-40.63	1

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

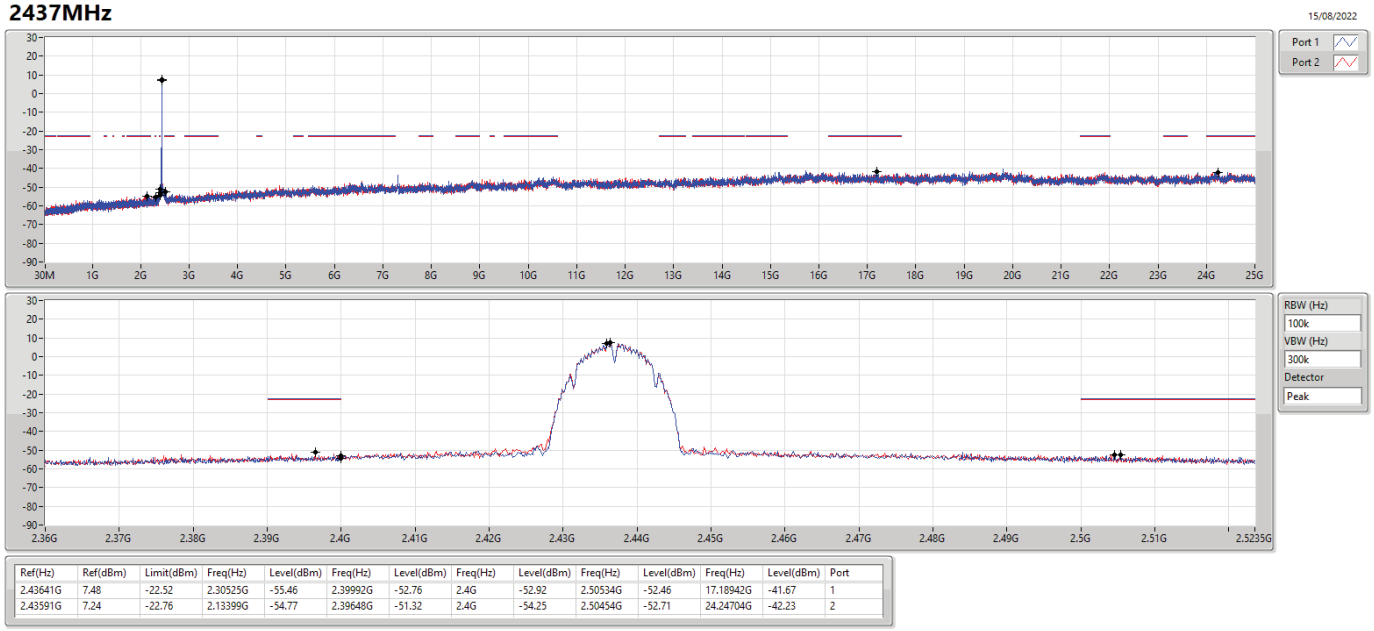
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41253G	11.64	-18.36	1.78915G	-55.12	2.39304G	-40.72	2.4G	-48.28	2.50278G	-52.03	7.23514G	-29.01	1
2.41286G	11.79	-18.21	1.98953G	-55.45	2.39752G	-36.34	2.4G	-39.52	2.5067G	-52.79	7.23514G	-32.38	2

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

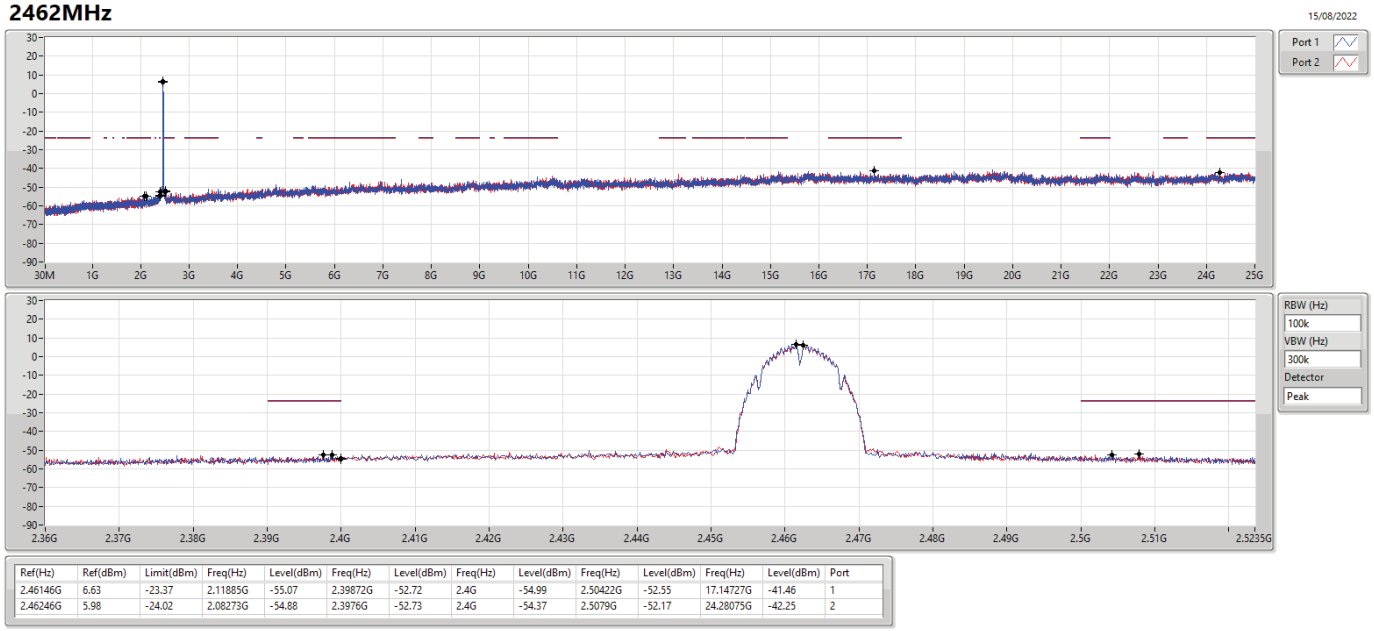
2437MHz



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
2.43641G	7.48	-22.52	2.30525G	-55.46	2.39992G	-52.76	2.4G	-52.92	2.50534G	-52.46	17.18942G	-41.67	1
2.43591G	7.24	-22.76	2.13399G	-54.77	2.39648G	-51.32	2.4G	-54.25	2.50454G	-52.71	24.24704G	-42.23	2

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

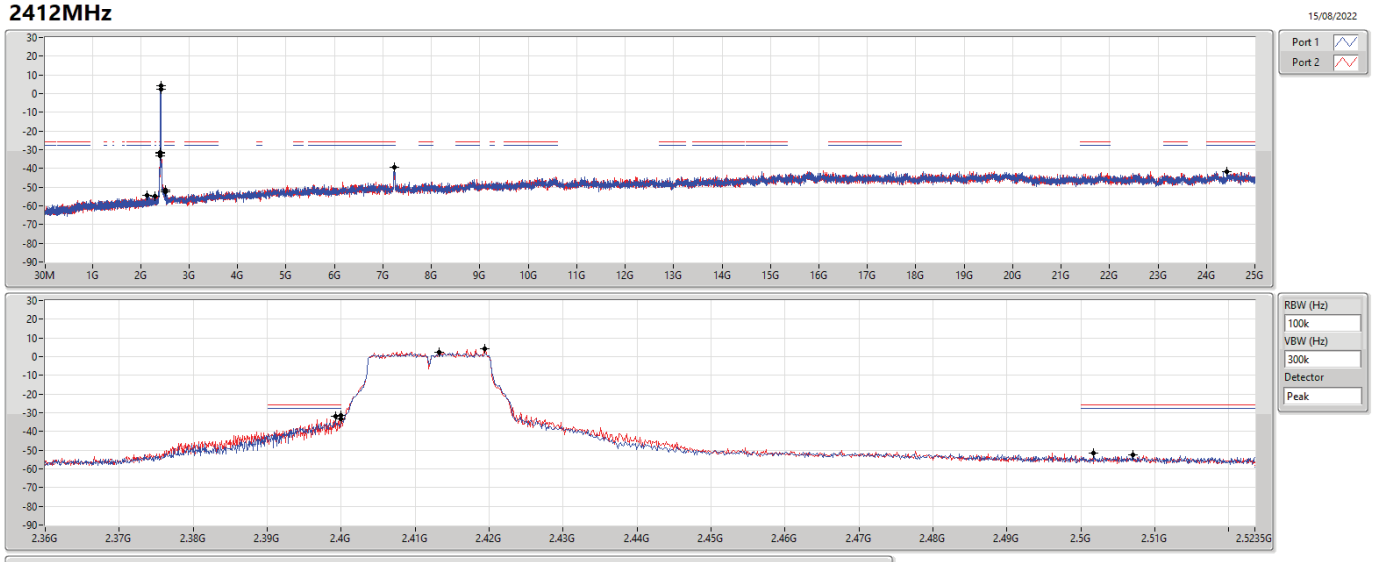
2462MHz



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
2.46146G	6.63	-23.37	2.11885G	-55.07	2.39872G	-52.72	2.4G	-54.99	2.50422G	-52.55	17.14727G	-41.46	1
2.46246G	5.98	-24.02	2.08273G	-54.88	2.3976G	-52.73	2.4G	-54.37	2.5079G	-52.17	24.28075G	-42.25	2

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

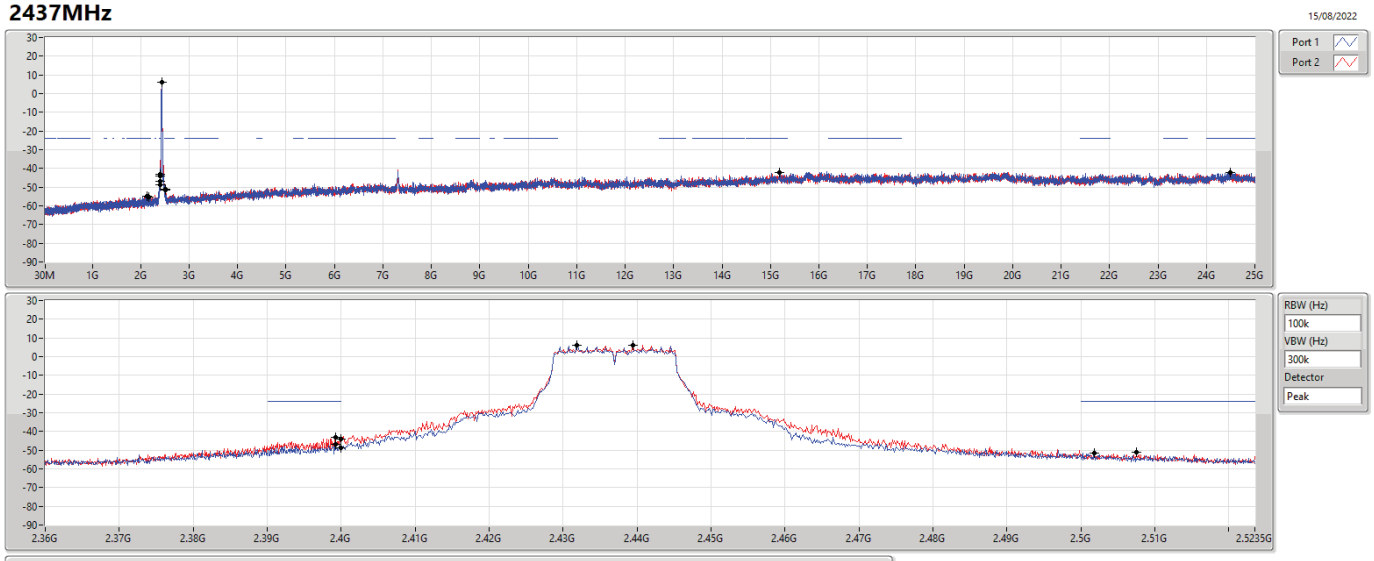
2412MHz



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
2.41319G	2.29	-27.71	2.30175G	-55.03	2.4G	-33.34	2.4G	-33.26	2.50174G	-51.67	7.23233G	-39.59	1
2.41937G	4.13	-25.87	2.12467G	-54.57	2.3992G	-31.90	2.4G	-31.54	2.50702G	-52.58	24.42123G	-41.52	2

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

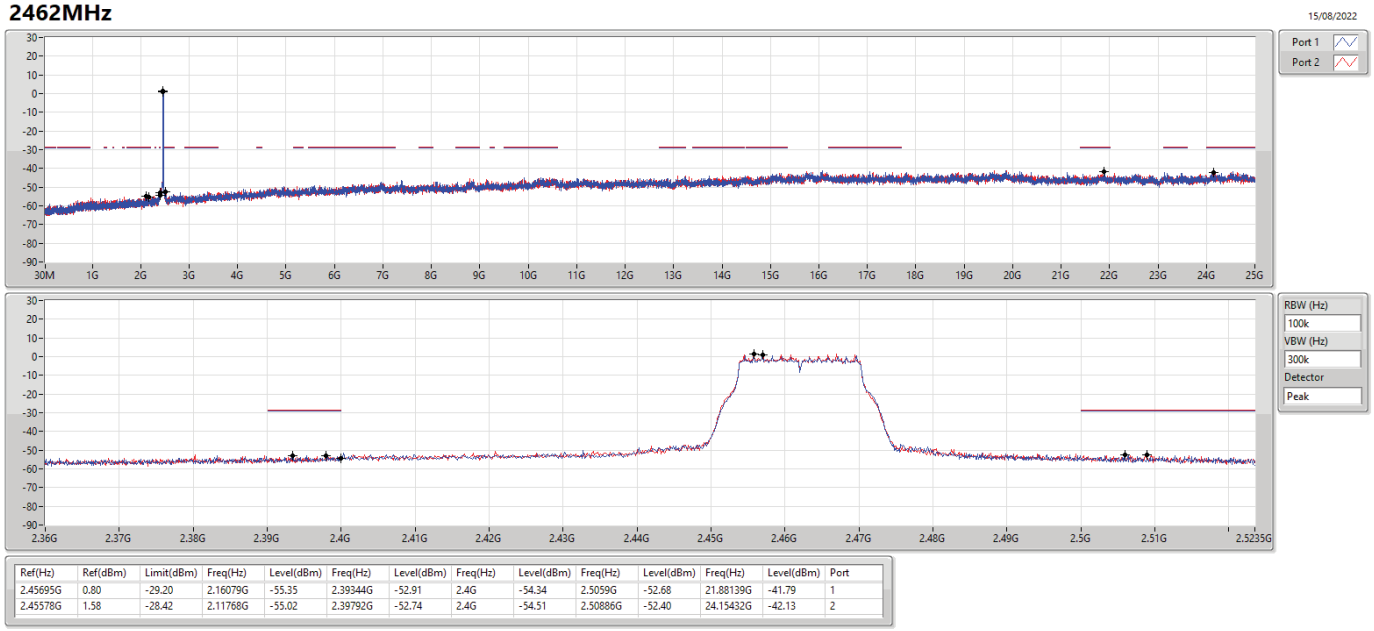
2437MHz



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
2.4319G	5.86	-24.14	2.127G	-54.63	2.3992G	-47.09	2.4G	-48.85	2.50182G	-51.38	24.48585G	-42.04	1
2.43941G	6.23	-23.77	2.17244G	-55.36	2.3992G	-43.10	2.4G	-43.87	2.5075G	-51.32	15.18901G	-42.17	2

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

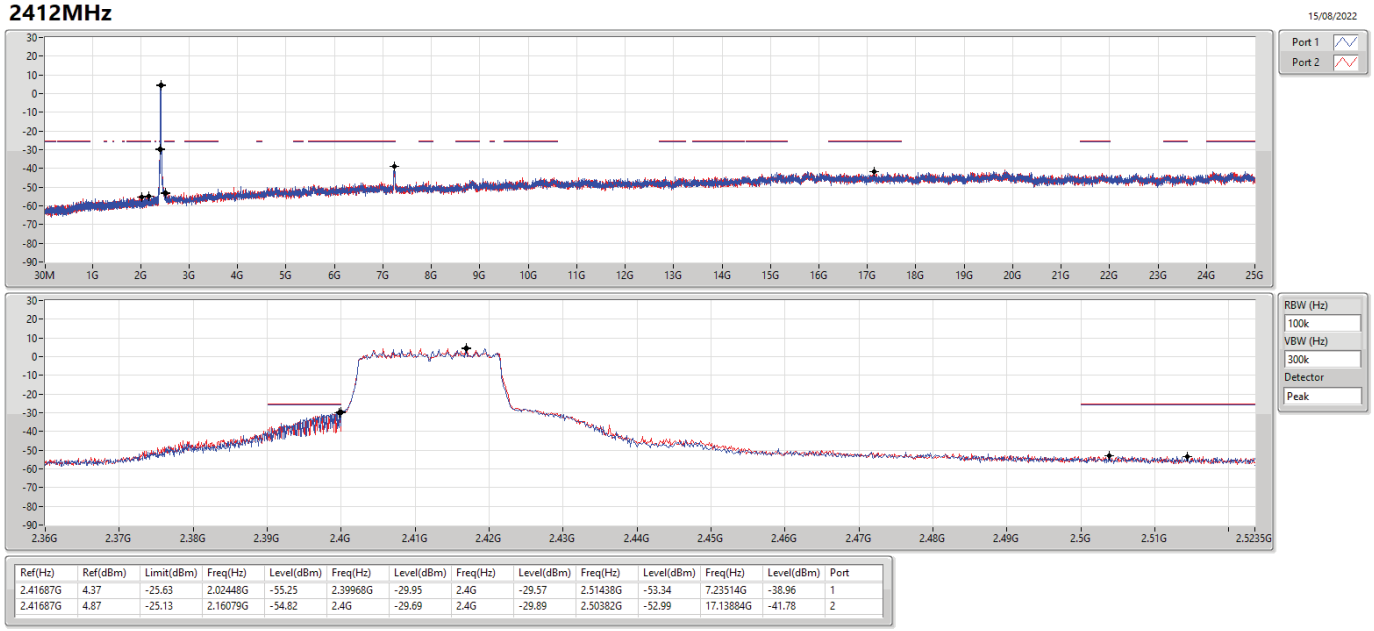
2462MHz



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
2.45695G	0.80	-29.20	2.16079G	-55.35	2.39344G	-52.91	2.4G	-54.34	2.5059G	-52.68	21.88139G	-41.79	1
2.45578G	1.58	-28.42	2.11768G	-55.02	2.39792G	-52.74	2.4G	-54.51	2.50886G	-52.40	24.15432G	-42.13	2

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

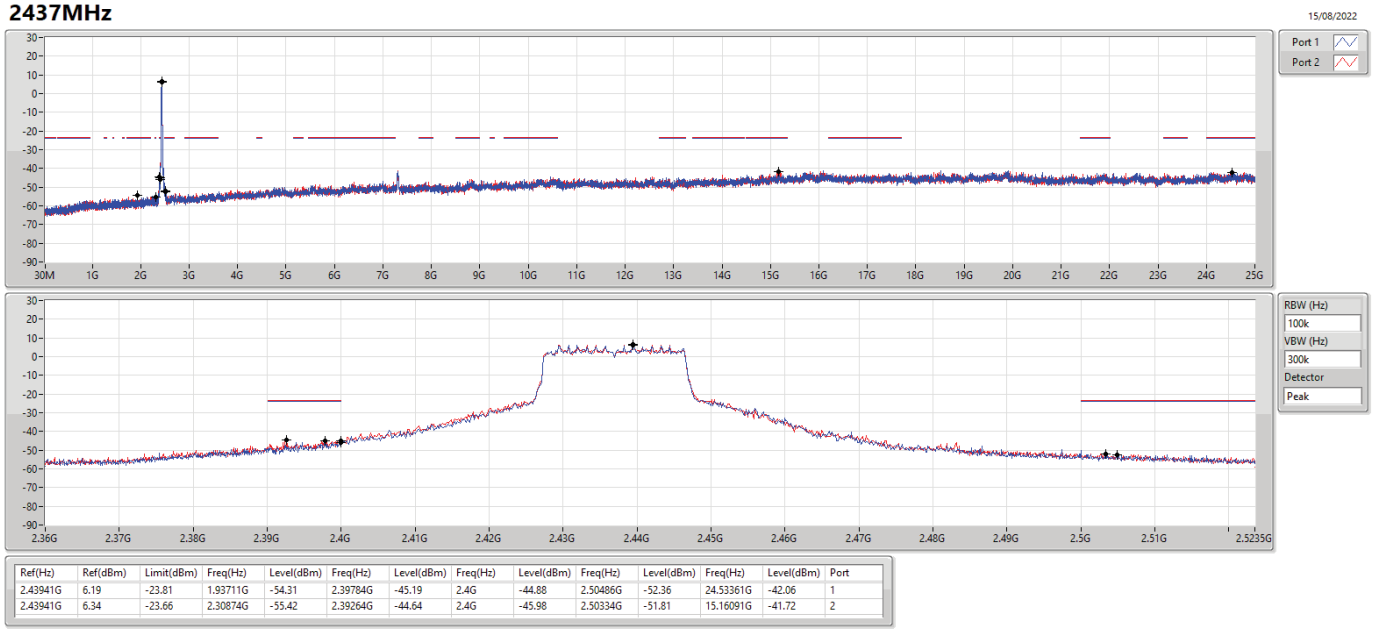
2412MHz



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
2.41687G	4.37	-25.63	2.02448G	-55.25	2.39968G	-29.95	2.4G	-29.57	2.51438G	-53.34	7.23514G	-38.96	1
2.41687G	4.87	-25.13	2.16079G	-54.82	2.4G	-29.69	2.4G	-29.89	2.50382G	-52.99	17.13884G	-41.78	2

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

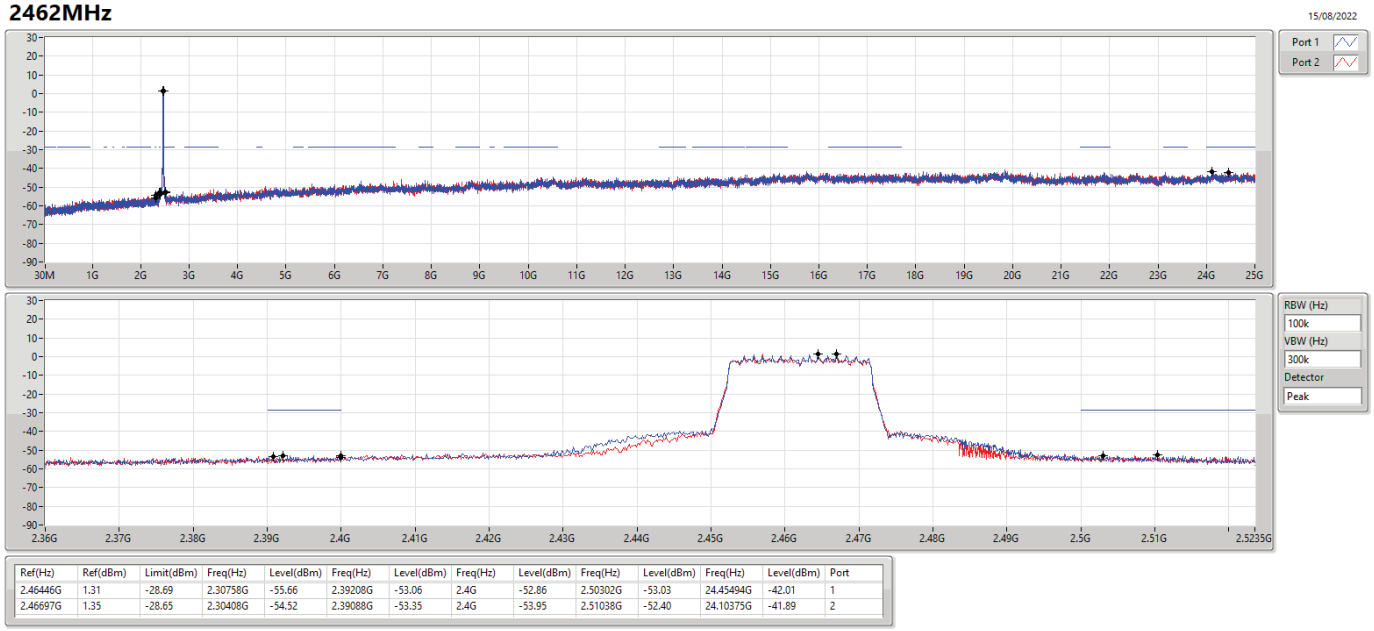
2437MHz



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
2.43941G	6.19	-23.81	1.93711G	-54.31	2.39784G	-45.19	2.4G	-44.88	2.50486G	-52.36	24.53361G	-42.06	1
2.43941G	6.34	-23.66	2.30874G	-55.42	2.39264G	-44.64	2.4G	-45.98	2.50334G	-51.81	15.16091G	-41.72	2

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

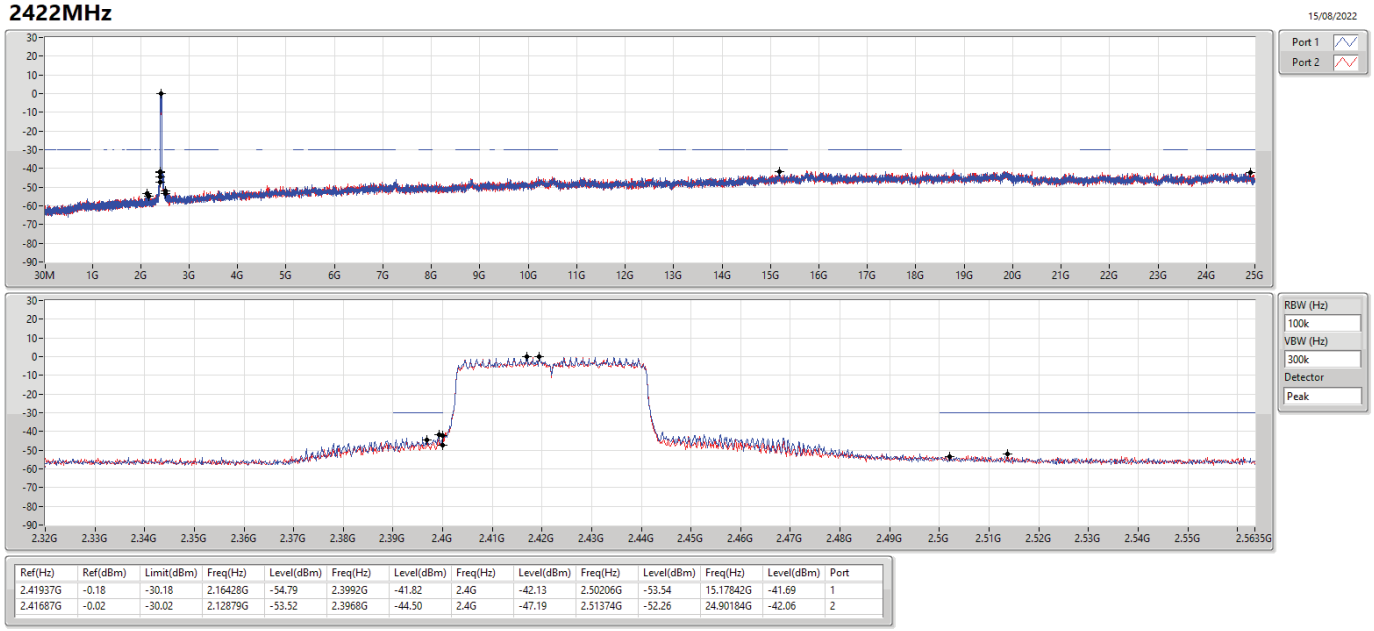
2462MHz



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
2.46446G	1.31	-28.69	2.30758G	-55.66	2.39208G	-53.06	2.4G	-52.86	2.50302G	-53.03	24.45494G	-42.01	1
2.46697G	1.35	-28.65	2.30408G	-54.52	2.39088G	-53.35	2.4G	-53.95	2.51038G	-52.40	24.10375G	-41.89	2

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

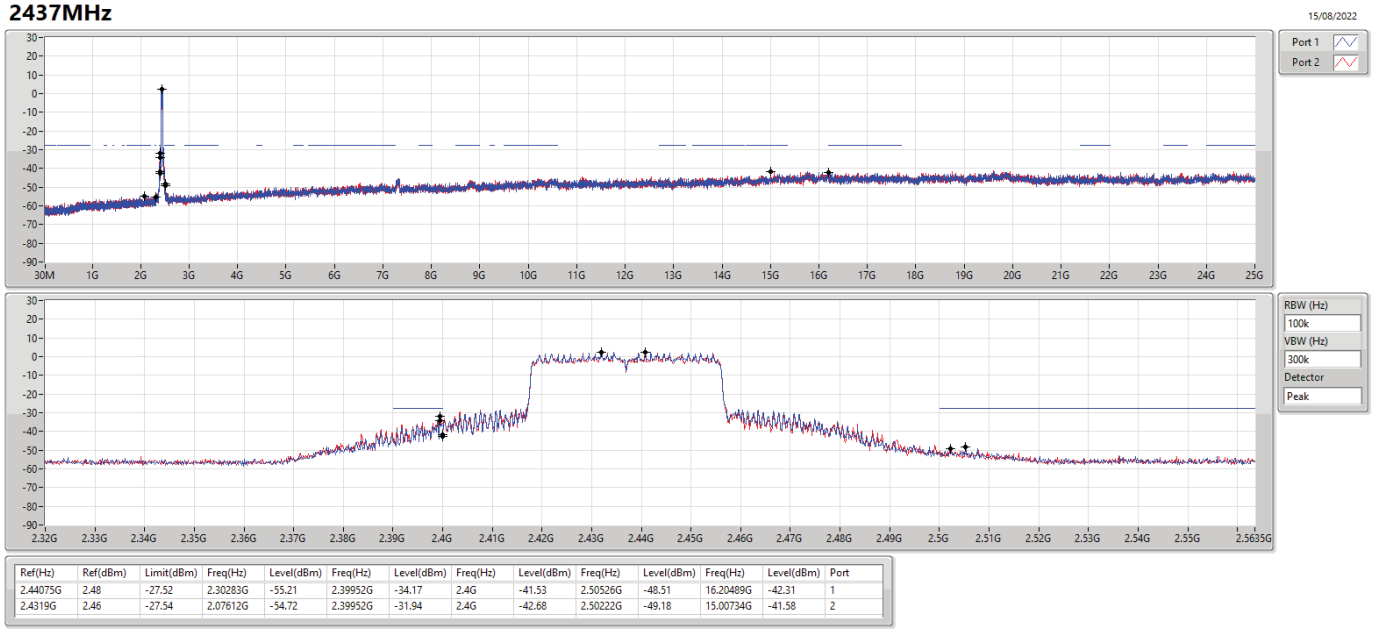
2422MHz



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
2.41937G	-0.18	-30.18	2.16428G	-54.79	2.3992G	-41.82	2.4G	-42.13	2.50206G	-53.54	15.17842G	-41.69	1
2.41687G	-0.02	-30.02	2.12879G	-53.52	2.3968G	-44.50	2.4G	-47.19	2.51374G	-52.26	24.90184G	-42.06	2

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

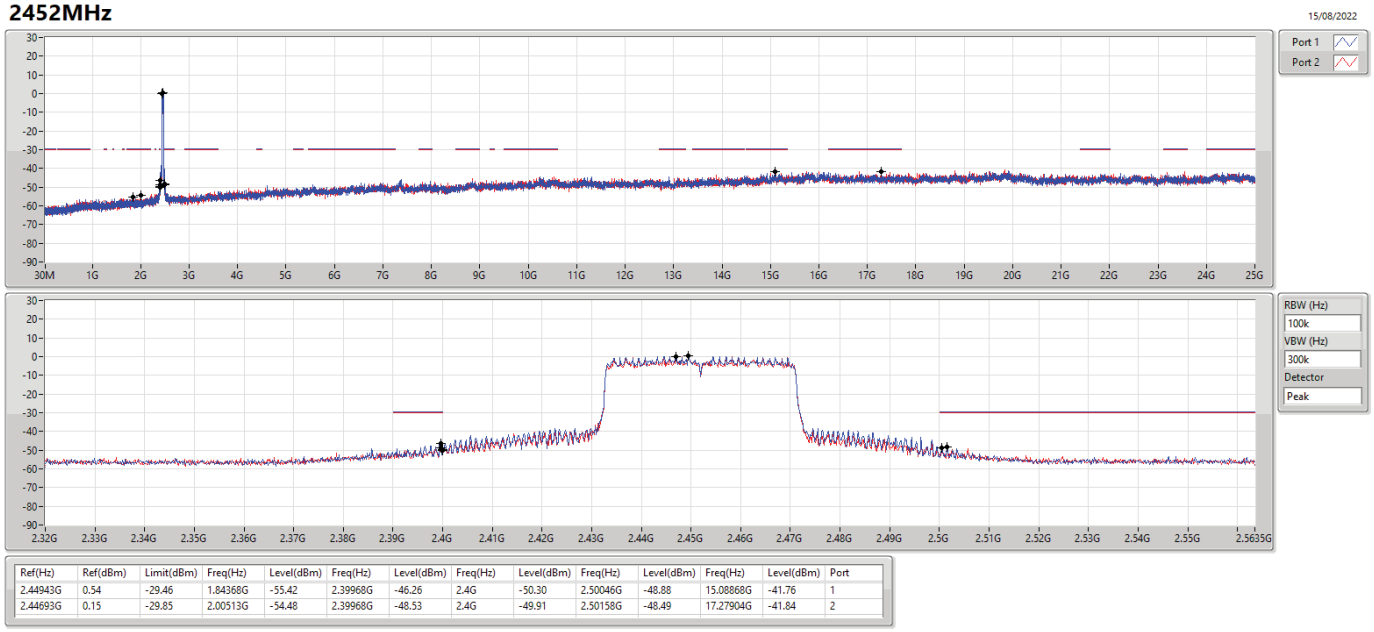
2437MHz



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	2.48	-27.52	2.30283G	-55.21	2.39952G	-34.17	2.4G	-41.53	2.50526G	-48.51	16.20489G	-42.31	1
2.4319G	2.46	-27.54	2.07612G	-54.72	2.39952G	-31.94	2.4G	-42.68	2.50222G	-49.18	15.00734G	-41.58	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
2.44943G	0.54	-29.46	1.84368G	-55.42	2.39968G	-46.26	2.4G	-50.30	2.50046G	-48.88	15.08868G	-41.76	1
2.44693G	0.15	-29.85	2.00513G	-54.48	2.39968G	-48.53	2.4G	-49.91	2.50158G	-48.49	17.27904G	-41.84	2

Summary

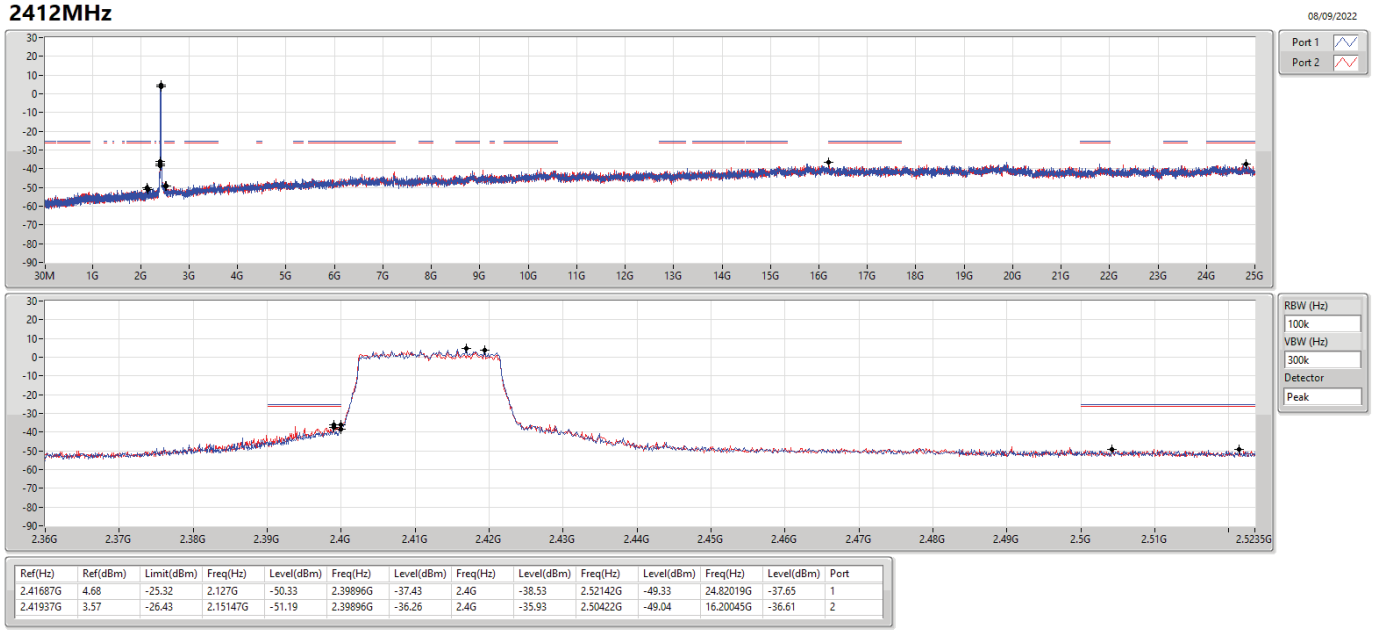
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.41937G	3.57	-26.43	2.15147G	-51.19	2.39896G	-36.26	2.4G	-35.93	2.50422G	-49.04	16.20045G	-36.61	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.42188G	2.31	-27.69	1.97879G	-50.81	2.3984G	-36.02	2.4G	-38.23	2.50142G	-49.02	24.19229G	-37.71	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41687G	4.68	-25.32	2.127G	-50.33	2.39896G	-37.43	2.4G	-38.53	2.52142G	-49.33	24.82019G	-37.65	1
2412MHz	Pass	2.41937G	3.57	-26.43	2.15147G	-51.19	2.39896G	-36.26	2.4G	-35.93	2.50422G	-49.04	16.20045G	-36.61	2
2437MHz	Pass	2.44442G	8.92	-21.08	2.12933G	-51.19	2.39928G	-42.22	2.4G	-42.46	2.50086G	-47.72	24.18523G	-36.53	1
2437MHz	Pass	2.44192G	8.18	-21.82	2.30874G	-51.51	2.39408G	-41.40	2.4G	-42.33	2.50782G	-47.76	17.04894G	-37.70	2
2462MHz	Pass	2.45695G	4.48	-25.52	2.15613G	-50.09	2.39624G	-48.92	2.4G	-51.04	2.50086G	-48.80	24.48304G	-38.05	1
2462MHz	Pass	2.45695G	3.95	-26.05	2.30408G	-50.54	2.3968G	-49.05	2.4G	-51.25	2.50662G	-49.38	24.53361G	-37.88	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41703G	3.72	-26.28	1.75437G	-50.87	2.39712G	-38.55	2.4G	-42.77	2.5043G	-48.96	24.52603G	-37.97	1
2422MHz	Pass	2.40685G	3.08	-26.92	1.94444G	-50.62	2.39984G	-38.01	2.4G	-41.66	2.51006G	-48.70	24.7532G	-37.63	2
2437MHz	Pass	2.44192G	3.32	-26.68	2.09673G	-49.97	2.39984G	-35.20	2.4G	-38.69	2.51022G	-47.91	24.5681G	-37.70	1
2437MHz	Pass	2.42188G	2.31	-27.69	1.97879G	-50.81	2.3984G	-36.02	2.4G	-38.23	2.50142G	-49.02	24.19229G	-37.71	2
2452MHz	Pass	2.44075G	4.20	-25.80	2.1036G	-50.44	2.39456G	-45.92	2.4G	-48.82	2.50574G	-46.91	24.91586G	-37.82	1
2452MHz	Pass	2.45695G	1.33	-28.67	2.12993G	-50.45	2.39344G	-48.20	2.4G	-47.06	2.51246G	-48.01	24.62699G	-38.32	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX **CSENdB**

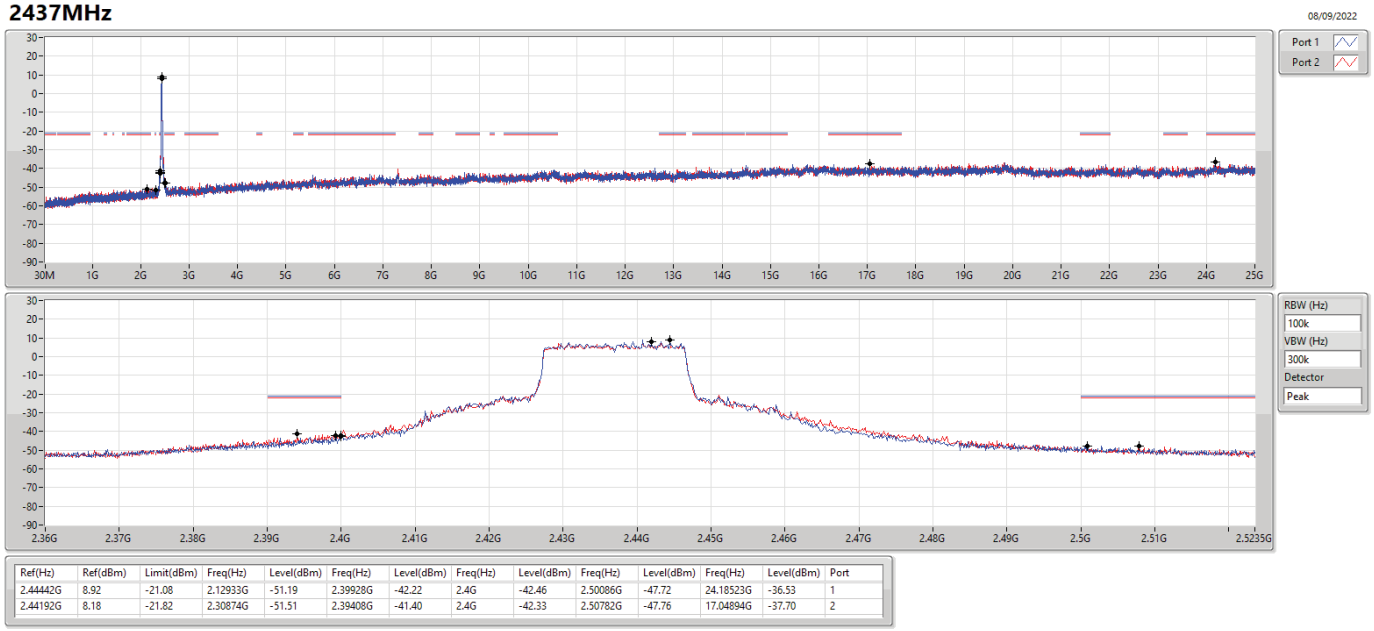
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41687G	4.68	-25.32	2.127G	-50.33	2.39896G	-37.43	2.4G	-38.53	2.52142G	-49.33	24.82019G	-37.65	1
2.41937G	3.57	-26.43	2.15147G	-51.19	2.39896G	-36.26	2.4G	-35.93	2.50422G	-49.04	16.20045G	-36.61	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX **CSENdB**

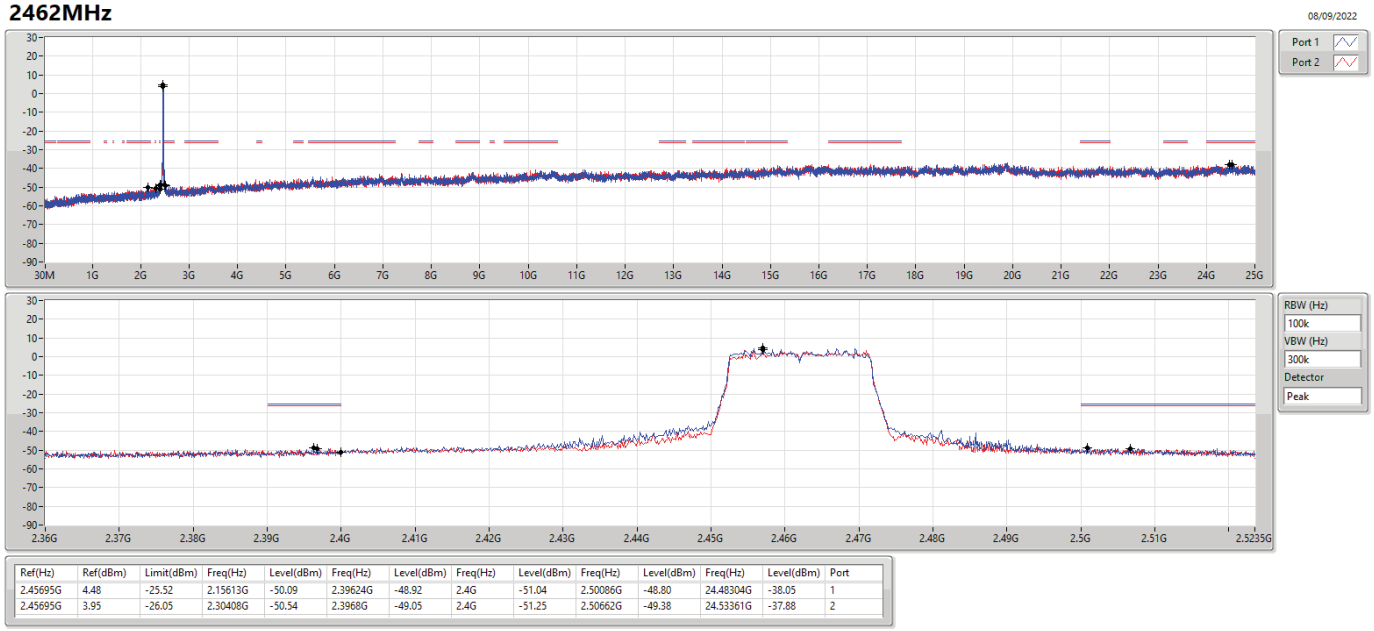
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44442G	8.92	-21.08	2.12933G	-51.19	2.39928G	-42.22	2.4G	-42.46	2.50086G	-47.72	24.18523G	-36.53	1
2.44192G	8.18	-21.82	2.30874G	-51.51	2.39408G	-41.40	2.4G	-42.33	2.50782G	-47.76	17.04894G	-37.70	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX **CSENdB**

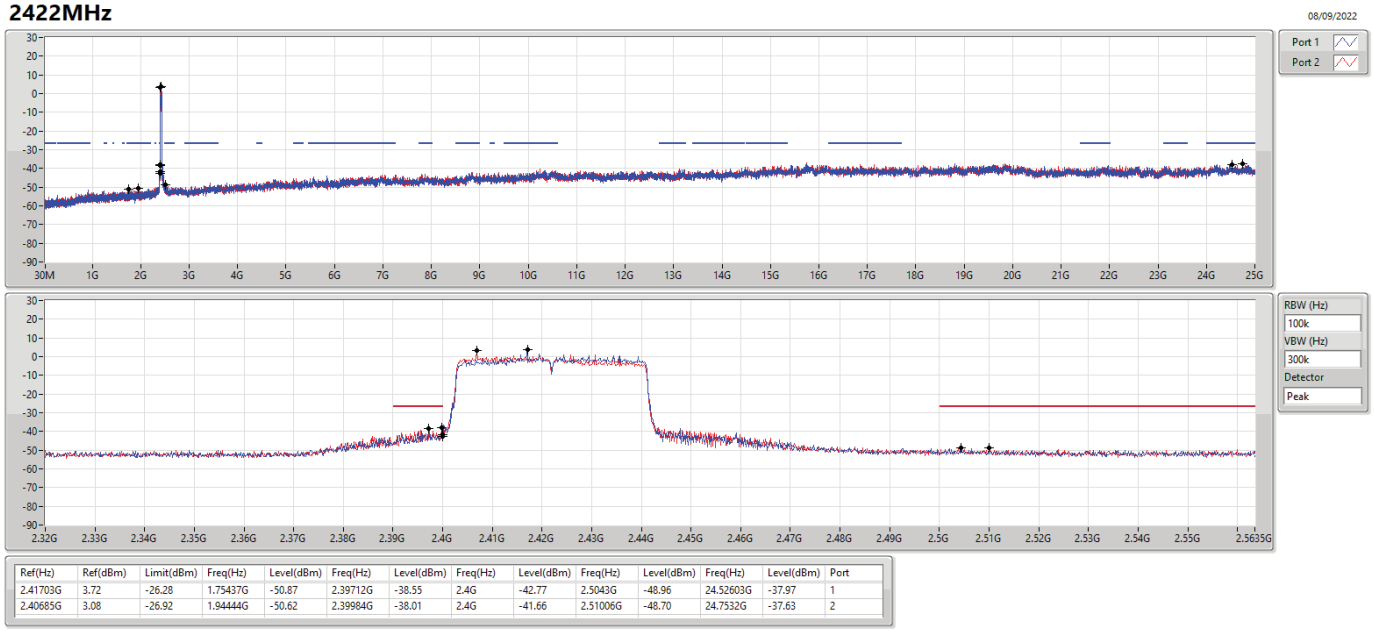
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45695G	4.48	-25.52	2.15613G	-50.09	2.39624G	-48.92	2.4G	-51.04	2.50086G	-48.80	24.48304G	-38.05	1
2.45695G	3.95	-26.05	2.30408G	-50.54	2.3968G	-49.05	2.4G	-51.25	2.50662G	-49.38	24.53361G	-37.88	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX **CSENdB**

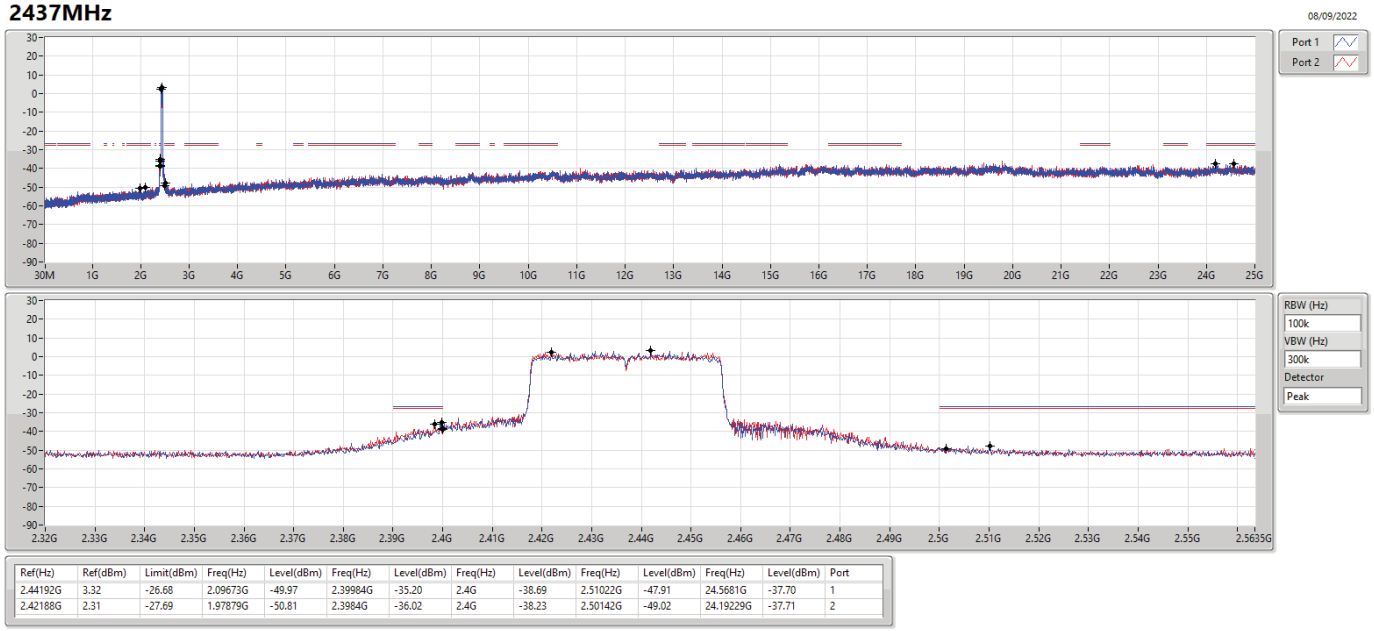
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41703G	3.72	-26.28	1.75437G	-50.87	2.39712G	-38.55	2.4G	-42.77	2.5043G	-48.96	24.52603G	-37.97	1
2.40685G	3.08	-26.92	1.94444G	-50.62	2.39984G	-38.01	2.4G	-41.66	2.51006G	-48.70	24.7532G	-37.63	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX **CSENdB**

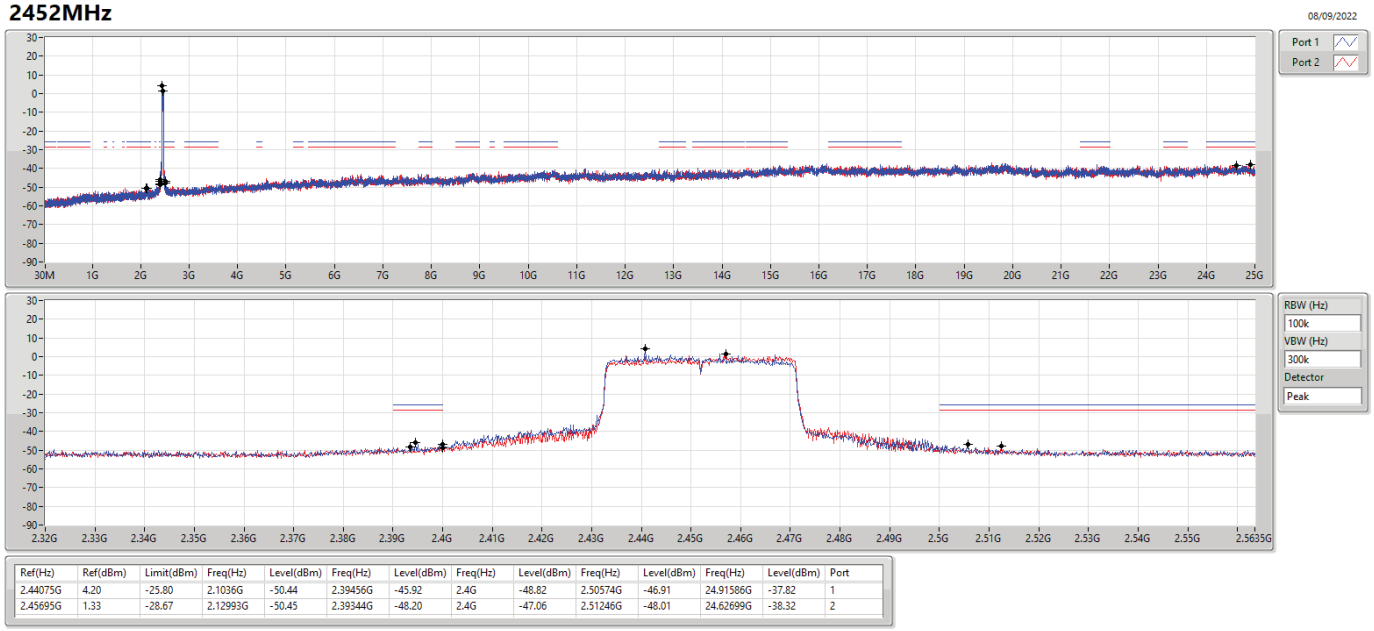
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	3.32	-26.68	2.09673G	-49.97	2.39984G	-35.20	2.4G	-38.69	2.51022G	-47.91	24.5681G	-37.70	1
2.42188G	2.31	-27.69	1.97879G	-50.81	2.3984G	-36.02	2.4G	-38.23	2.50142G	-49.02	24.19229G	-37.71	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX **CSENdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	4.20	-25.80	2.1036G	-50.44	2.39456G	-45.92	2.4G	-48.82	2.50574G	-46.91	24.91586G	-37.82	1
2.45695G	1.33	-28.67	2.12993G	-50.45	2.39344G	-48.20	2.4G	-47.06	2.51246G	-48.01	24.62699G	-38.32	2

Summary

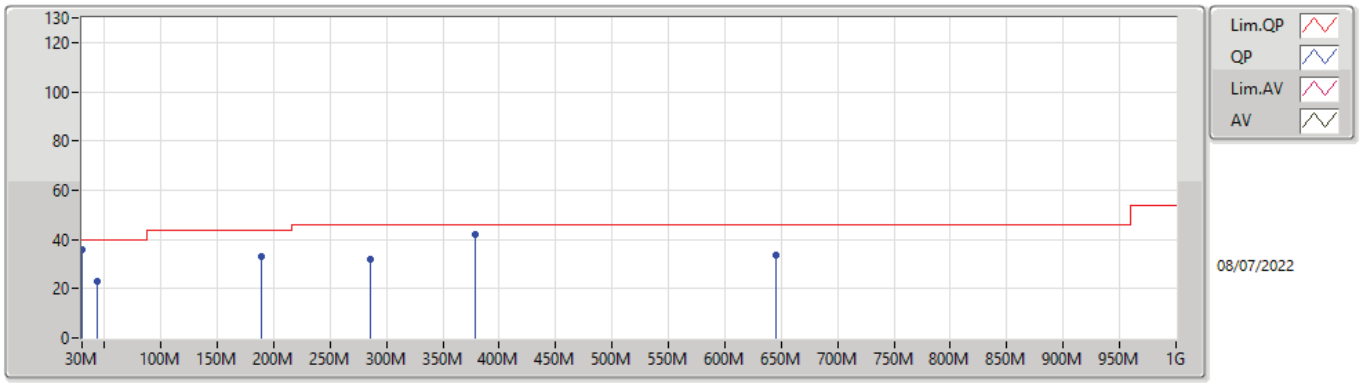
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	QP	30.02M	36.82	40.00	-3.18	3	Horizontal	70	1.02	-

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	189.08M	33.13	43.50	-10.37	3	Vertical	360	1.00	-
2437MHz	Pass	PK	286.08M	31.86	46.00	-14.14	3	Vertical	360	1.00	-
2437MHz	Pass	PK	379.2M	42.06	46.00	-3.94	3	Vertical	360	1.00	-
2437MHz	Pass	PK	644.98M	33.63	46.00	-12.37	3	Vertical	360	3.00	-
2437MHz	Pass	QP	30.03M	35.87	40.00	-4.13	3	Vertical	5	1.02	-
2437MHz	Pass	QP	43.01M	23.14	40.00	-16.86	3	Vertical	221	1.00	-
2437MHz	Pass	PK	49.4M	30.31	40.00	-9.69	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	192.96M	33.86	43.50	-9.64	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	264.74M	37.02	46.00	-8.98	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	377.26M	39.66	46.00	-6.34	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	644.98M	34.95	46.00	-11.05	3	Horizontal	0	1.00	-
2437MHz	Pass	QP	30.02M	36.82	40.00	-3.18	3	Horizontal	70	1.02	-

802.11ax HEW40_Nss1,(MCS0)_2TX

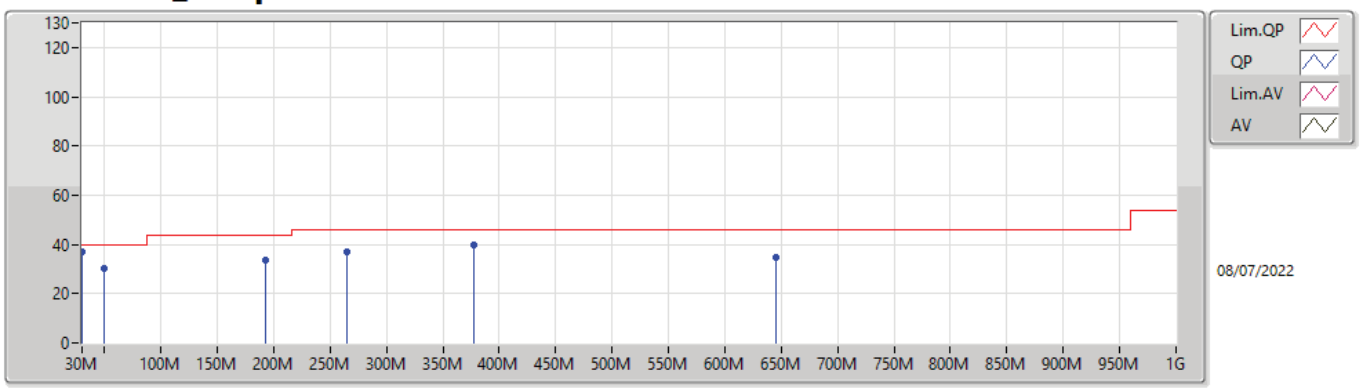
2437MHz_Adapter



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	189.08M	33.13	43.50	-10.37	-11.21	3	Vertical	360	1.00	-	44.34	14.28	1.97	27.46
PK	286.08M	31.86	46.00	-14.14	-6.65	3	Vertical	360	1.00	-	38.51	18.09	2.44	27.18
PK	379.2M	42.06	46.00	-3.94	-4.76	3	Vertical	360	1.00	-	46.82	20.13	2.81	27.70
PK	644.98M	33.63	46.00	-12.37	-0.62	3	Vertical	360	3.00	-	34.25	24.24	3.69	28.55
QP	30.03M	35.87	40.00	-4.13	-2.69	3	Vertical	5	1.02	-	38.56	23.25	1.02	26.96
QP	43.01M	23.14	40.00	-16.86	-9.87	3	Vertical	221	1.00	-	33.01	16.12	1.03	27.02

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	49.4M	30.31	40.00	-9.69	-12.90	3	Horizontal	0	1.00	-	43.21	13.45	1.04	27.39
PK	192.96M	33.86	43.50	-9.64	-11.14	3	Horizontal	0	1.00	-	45.00	14.31	1.99	27.44
PK	264.74M	37.02	46.00	-8.98	-6.25	3	Horizontal	0	1.00	-	43.27	18.59	2.33	27.17
PK	377.26M	39.66	46.00	-6.34	-4.79	3	Horizontal	0	1.00	-	44.45	20.10	2.80	27.69
PK	644.98M	34.95	46.00	-11.05	-0.62	3	Horizontal	0	1.00	-	35.57	24.24	3.69	28.55
QP	30.02M	36.82	40.00	-3.18	-2.69	3	Horizontal	70	1.02	-	39.51	23.25	1.02	26.96

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)_1TX(Port1)	Pass	AV	2.39G	53.86	54.00	-0.14	3	Horizontal	46	2.08	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.82392G	53.77	54.00	-0.23	3	Horizontal	84	2.05	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	7.2506G	53.90	54.00	-0.10	3	Horizontal	34	1.89	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.4842G	53.57	54.00	-0.43	3	Vertical	304	2.24	-

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)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.40	54.00	-0.60	3	Vertical	179	1.05	-
2412MHz	Pass	AV	2.4112G	107.58	Inf	-Inf	3	Vertical	179	1.05	-
2412MHz	Pass	PK	2.3898G	62.96	74.00	-11.04	3	Vertical	179	1.05	-
2412MHz	Pass	PK	2.413G	111.37	Inf	-Inf	3	Vertical	179	1.05	-
2412MHz	Pass	AV	2.39G	53.86	54.00	-0.14	3	Horizontal	46	2.08	-
2412MHz	Pass	AV	2.4112G	109.42	Inf	-Inf	3	Horizontal	46	2.08	-
2412MHz	Pass	PK	2.39G	63.15	74.00	-10.85	3	Horizontal	46	2.08	-
2412MHz	Pass	PK	2.413G	113.26	Inf	-Inf	3	Horizontal	46	2.08	-
2412MHz	Pass	AV	4.82396G	50.79	54.00	-3.21	3	Vertical	314	1.50	-
2412MHz	Pass	PK	4.82392G	54.19	74.00	-19.81	3	Vertical	314	1.50	-
2412MHz	Pass	AV	4.82396G	53.68	54.00	-0.32	3	Horizontal	343	1.74	-
2412MHz	Pass	PK	4.82388G	56.26	74.00	-17.74	3	Horizontal	343	1.74	-
2437MHz	Pass	AV	2.3886G	47.55	54.00	-6.45	3	Vertical	194	1.38	-
2437MHz	Pass	AV	2.4362G	98.94	Inf	-Inf	3	Vertical	194	1.38	-
2437MHz	Pass	AV	2.4994G	48.04	54.00	-5.96	3	Vertical	194	1.38	-
2437MHz	Pass	PK	2.3714G	59.55	74.00	-14.45	3	Vertical	194	1.38	-
2437MHz	Pass	PK	2.4378G	102.71	Inf	-Inf	3	Vertical	194	1.38	-
2437MHz	Pass	PK	2.4934G	59.74	74.00	-14.26	3	Vertical	194	1.38	-
2437MHz	Pass	AV	2.3834G	47.55	54.00	-6.45	3	Horizontal	54	2.56	-
2437MHz	Pass	AV	2.4362G	104.47	Inf	-Inf	3	Horizontal	54	2.56	-
2437MHz	Pass	AV	2.4866G	48.22	54.00	-5.78	3	Horizontal	54	2.56	-
2437MHz	Pass	PK	2.3838G	59.88	74.00	-14.12	3	Horizontal	54	2.56	-
2437MHz	Pass	PK	2.4362G	108.31	Inf	-Inf	3	Horizontal	54	2.56	-
2437MHz	Pass	PK	2.4846G	60.61	74.00	-13.39	3	Horizontal	54	2.56	-
2437MHz	Pass	AV	4.87396G	42.89	54.00	-11.11	3	Vertical	330	2.93	-
2437MHz	Pass	AV	7.3102G	51.26	54.00	-2.74	3	Vertical	81	1.50	-
2437MHz	Pass	PK	4.87364G	48.86	74.00	-25.14	3	Vertical	330	2.93	-
2437MHz	Pass	PK	7.31016G	57.59	74.00	-16.41	3	Vertical	81	1.50	-
2437MHz	Pass	AV	4.87396G	45.33	54.00	-8.67	3	Horizontal	341	2.01	-
2437MHz	Pass	AV	7.3102G	53.14	54.00	-0.86	3	Horizontal	32	1.87	-
2437MHz	Pass	PK	4.87396G	50.25	74.00	-23.75	3	Horizontal	341	2.01	-
2437MHz	Pass	PK	7.30996G	59.22	74.00	-14.78	3	Horizontal	32	1.87	-
2457MHz	Pass	AV	2.4562G	98.47	Inf	-Inf	3	Vertical	284	1.61	-
2457MHz	Pass	AV	2.4916G	48.07	54.00	-5.93	3	Vertical	284	1.61	-
2457MHz	Pass	PK	2.458G	102.36	Inf	-Inf	3	Vertical	284	1.61	-
2457MHz	Pass	PK	2.4916G	60.32	74.00	-13.68	3	Vertical	284	1.61	-
2457MHz	Pass	AV	2.4562G	106.30	Inf	-Inf	3	Horizontal	55	2.10	-
2457MHz	Pass	AV	2.4862G	48.70	54.00	-5.30	3	Horizontal	55	2.10	-
2457MHz	Pass	PK	2.456G	110.07	Inf	-Inf	3	Horizontal	55	2.10	-
2457MHz	Pass	PK	2.4922G	61.24	74.00	-12.76	3	Horizontal	55	2.10	-
2457MHz	Pass	AV	4.91392G	40.44	54.00	-13.56	3	Vertical	311	2.88	-
2457MHz	Pass	AV	7.37168G	52.84	54.00	-1.16	3	Vertical	70	1.73	-
2457MHz	Pass	PK	4.914G	48.35	74.00	-25.65	3	Vertical	311	2.88	-
2457MHz	Pass	PK	7.37184G	59.09	74.00	-14.91	3	Vertical	70	1.73	-
2457MHz	Pass	AV	4.91392G	45.29	54.00	-8.71	3	Horizontal	341	1.92	-
2457MHz	Pass	AV	7.37168G	53.81	54.00	-0.19	3	Horizontal	33	1.74	-
2457MHz	Pass	PK	4.9138G	50.25	74.00	-23.75	3	Horizontal	341	1.92	-
2457MHz	Pass	PK	7.37188G	59.63	74.00	-14.37	3	Horizontal	33	1.74	-
2462MHz	Pass	AV	2.4612G	98.21	Inf	-Inf	3	Vertical	284	1.62	-
2462MHz	Pass	AV	2.4948G	48.06	54.00	-5.94	3	Vertical	284	1.62	-
2462MHz	Pass	PK	2.461G	102.14	Inf	-Inf	3	Vertical	284	1.62	-
2462MHz	Pass	PK	2.492G	59.78	74.00	-14.22	3	Vertical	284	1.62	-
2462MHz	Pass	AV	2.4612G	106.40	Inf	-Inf	3	Horizontal	55	2.28	-
2462MHz	Pass	AV	2.4858G	49.11	54.00	-4.89	3	Horizontal	55	2.28	-
2462MHz	Pass	PK	2.463G	110.50	Inf	-Inf	3	Horizontal	55	2.28	-
2462MHz	Pass	PK	2.484G	61.24	74.00	-12.76	3	Horizontal	55	2.28	-
2462MHz	Pass	AV	4.92396G	38.83	54.00	-15.17	3	Vertical	306	1.25	-
2462MHz	Pass	AV	7.3852G	52.82	54.00	-1.18	3	Vertical	67	1.68	-
2462MHz	Pass	PK	4.92396G	47.47	74.00	-26.53	3	Vertical	306	1.25	-
2462MHz	Pass	PK	7.38452G	58.83	74.00	-15.17	3	Vertical	67	1.68	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	4.92396G	43.62	54.00	-10.38	3	Horizontal	330	1.00	-
2462MHz	Pass	AV	7.38524G	53.64	54.00	-0.36	3	Horizontal	30	1.83	-
2462MHz	Pass	PK	4.924G	49.91	74.00	-24.09	3	Horizontal	330	1.00	-
2462MHz	Pass	PK	7.38504G	59.60	74.00	-14.40	3	Horizontal	30	1.83	-
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3882G	51.47	54.00	-2.53	3	Vertical	360	2.78	-
2412MHz	Pass	AV	2.4112G	110.90	Inf	-Inf	3	Vertical	360	2.78	-
2412MHz	Pass	PK	2.389G	62.82	74.00	-11.18	3	Vertical	360	2.78	-
2412MHz	Pass	PK	2.413G	114.79	Inf	-Inf	3	Vertical	360	2.78	-
2412MHz	Pass	AV	2.3892G	50.56	54.00	-3.44	3	Horizontal	246	1.20	-
2412MHz	Pass	AV	2.4112G	106.40	Inf	-Inf	3	Horizontal	246	1.20	-
2412MHz	Pass	PK	2.389G	61.96	74.00	-12.04	3	Horizontal	246	1.20	-
2412MHz	Pass	PK	2.411G	110.14	Inf	-Inf	3	Horizontal	246	1.20	-
2412MHz	Pass	AV	4.82392G	50.06	54.00	-3.94	3	Vertical	323	3.00	-
2412MHz	Pass	PK	4.82384G	53.89	74.00	-20.11	3	Vertical	323	3.00	-
2412MHz	Pass	AV	4.82392G	53.77	54.00	-0.23	3	Horizontal	84	2.05	-
2412MHz	Pass	PK	4.82396G	56.54	74.00	-17.46	3	Horizontal	84	2.05	-
2437MHz	Pass	AV	2.3886G	47.96	54.00	-6.04	3	Vertical	6	2.49	-
2437MHz	Pass	AV	2.4362G	106.47	Inf	-Inf	3	Vertical	6	2.49	-
2437MHz	Pass	AV	2.4918G	48.57	54.00	-5.43	3	Vertical	6	2.49	-
2437MHz	Pass	PK	2.363G	60.20	74.00	-13.80	3	Vertical	6	2.49	-
2437MHz	Pass	PK	2.4378G	110.38	Inf	-Inf	3	Vertical	6	2.49	-
2437MHz	Pass	PK	2.4954G	60.80	74.00	-13.20	3	Vertical	6	2.49	-
2437MHz	Pass	AV	2.389G	47.81	54.00	-6.19	3	Horizontal	243	1.09	-
2437MHz	Pass	AV	2.4362G	102.42	Inf	-Inf	3	Horizontal	243	1.09	-
2437MHz	Pass	AV	2.4998G	48.40	54.00	-5.60	3	Horizontal	243	1.09	-
2437MHz	Pass	PK	2.387G	60.26	74.00	-13.74	3	Horizontal	243	1.09	-
2437MHz	Pass	PK	2.4362G	106.35	Inf	-Inf	3	Horizontal	243	1.09	-
2437MHz	Pass	PK	2.495G	60.28	74.00	-13.72	3	Horizontal	243	1.09	-
2437MHz	Pass	AV	4.87392G	44.99	54.00	-9.01	3	Vertical	334	2.82	-
2437MHz	Pass	AV	7.31016G	50.88	54.00	-3.12	3	Vertical	73	1.73	-
2437MHz	Pass	PK	4.874G	50.54	74.00	-23.46	3	Vertical	334	2.82	-
2437MHz	Pass	PK	7.30936G	57.91	74.00	-16.09	3	Vertical	73	1.73	-
2437MHz	Pass	AV	4.87396G	48.83	54.00	-5.17	3	Horizontal	346	1.90	-
2437MHz	Pass	AV	7.31164G	53.61	54.00	-0.39	3	Horizontal	321	2.44	-
2437MHz	Pass	PK	4.87396G	52.77	74.00	-21.23	3	Horizontal	346	1.90	-
2437MHz	Pass	PK	7.31184G	59.54	74.00	-14.46	3	Horizontal	321	2.44	-
2457MHz	Pass	AV	2.4562G	107.76	Inf	-Inf	3	Vertical	12	2.21	-
2457MHz	Pass	AV	2.4872G	48.83	54.00	-5.17	3	Vertical	12	2.21	-
2457MHz	Pass	PK	2.458G	111.48	Inf	-Inf	3	Vertical	12	2.21	-
2457MHz	Pass	PK	2.4874G	60.52	74.00	-13.48	3	Vertical	12	2.21	-
2457MHz	Pass	AV	2.4562G	106.47	Inf	-Inf	3	Horizontal	140	2.12	-
2457MHz	Pass	AV	2.4835G	48.73	54.00	-5.27	3	Horizontal	140	2.12	-
2457MHz	Pass	PK	2.456G	110.26	Inf	-Inf	3	Horizontal	140	2.12	-
2457MHz	Pass	PK	2.4882G	60.75	74.00	-13.25	3	Horizontal	140	2.12	-
2457MHz	Pass	AV	4.91392G	42.16	54.00	-11.84	3	Vertical	321	1.00	-
2457MHz	Pass	AV	7.37164G	53.44	54.00	-0.56	3	Vertical	222	2.97	-
2457MHz	Pass	PK	4.9138G	48.49	74.00	-25.51	3	Vertical	321	1.00	-
2457MHz	Pass	PK	7.37196G	59.75	74.00	-14.25	3	Vertical	222	2.97	-
2457MHz	Pass	AV	4.91396G	46.20	54.00	-7.80	3	Horizontal	324	1.13	-
2457MHz	Pass	AV	7.37164G	52.18	54.00	-1.82	3	Horizontal	360	1.71	-
2457MHz	Pass	PK	4.91388G	51.21	74.00	-22.79	3	Horizontal	324	1.13	-
2457MHz	Pass	PK	7.37184G	58.47	74.00	-15.53	3	Horizontal	360	1.71	-
2462MHz	Pass	AV	2.4612G	105.26	Inf	-Inf	3	Vertical	59	1.97	-
2462MHz	Pass	AV	2.4844G	48.75	54.00	-5.25	3	Vertical	59	1.97	-
2462MHz	Pass	PK	2.461G	108.96	Inf	-Inf	3	Vertical	59	1.97	-
2462MHz	Pass	PK	2.4898G	60.71	74.00	-13.29	3	Vertical	59	1.97	-
2462MHz	Pass	AV	2.4612G	104.41	Inf	-Inf	3	Horizontal	130	2.28	-
2462MHz	Pass	AV	2.4835G	48.75	54.00	-5.25	3	Horizontal	130	2.28	-
2462MHz	Pass	PK	2.463G	108.20	Inf	-Inf	3	Horizontal	130	2.28	-
2462MHz	Pass	PK	2.4926G	60.57	74.00	-13.43	3	Horizontal	130	2.28	-
2462MHz	Pass	AV	4.92396G	40.21	54.00	-13.79	3	Vertical	288	1.47	-

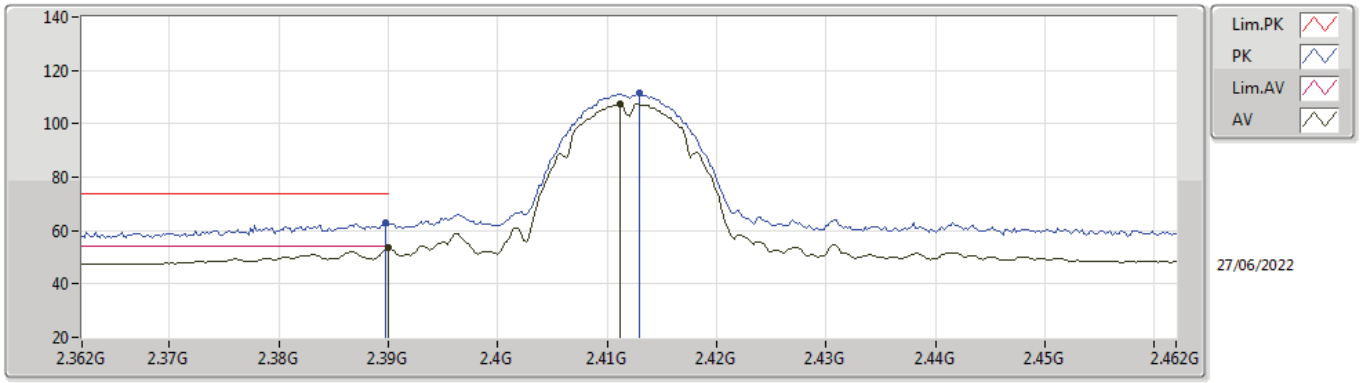
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	7.38664G	51.21	54.00	-2.79	3	Vertical	71	1.65	-
2462MHz	Pass	PK	4.92392G	48.45	74.00	-25.55	3	Vertical	288	1.47	-
2462MHz	Pass	PK	7.38688G	57.99	74.00	-16.01	3	Vertical	71	1.65	-
2462MHz	Pass	AV	4.92396G	45.70	54.00	-8.30	3	Horizontal	319	1.00	-
2462MHz	Pass	AV	7.3852G	53.29	54.00	-0.71	3	Horizontal	326	2.31	-
2462MHz	Pass	PK	4.92392G	50.35	74.00	-23.65	3	Horizontal	319	1.00	-
2462MHz	Pass	PK	7.38504G	59.49	74.00	-14.51	3	Horizontal	326	2.31	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	53.74	54.00	-0.26	3	Vertical	29	1.50	-
2412MHz	Pass	AV	2.4148G	100.06	Inf	-Inf	3	Vertical	29	1.50	-
2412MHz	Pass	PK	2.3898G	73.69	74.00	-0.31	3	Vertical	29	1.50	-
2412MHz	Pass	PK	2.4174G	113.56	Inf	-Inf	3	Vertical	29	1.50	-
2412MHz	Pass	AV	2.3894G	53.44	54.00	-0.56	3	Horizontal	237	1.01	-
2412MHz	Pass	AV	2.4152G	98.37	Inf	-Inf	3	Horizontal	237	1.01	-
2412MHz	Pass	PK	2.3878G	72.78	74.00	-1.22	3	Horizontal	237	1.01	-
2412MHz	Pass	PK	2.4104G	111.60	Inf	-Inf	3	Horizontal	237	1.01	-
2412MHz	Pass	AV	4.82376G	36.05	54.00	-17.95	3	Vertical	335	2.83	-
2412MHz	Pass	PK	4.82898G	49.56	74.00	-24.44	3	Vertical	335	2.83	-
2412MHz	Pass	AV	4.8238G	37.28	54.00	-16.72	3	Horizontal	348	1.49	-
2412MHz	Pass	PK	4.8237G	50.58	74.00	-23.42	3	Horizontal	348	1.49	-
2417MHz	Pass	AV	2.39G	48.93	54.00	-5.07	3	Vertical	304	1.80	-
2417MHz	Pass	AV	2.4198G	97.40	Inf	-Inf	3	Vertical	304	1.80	-
2417MHz	Pass	PK	2.3898G	64.63	74.00	-9.37	3	Vertical	304	1.80	-
2417MHz	Pass	PK	2.4224G	110.54	Inf	-Inf	3	Vertical	304	1.80	-
2417MHz	Pass	AV	2.39G	48.74	54.00	-5.26	3	Horizontal	62	1.00	-
2417MHz	Pass	AV	2.4218G	96.07	Inf	-Inf	3	Horizontal	62	1.00	-
2417MHz	Pass	PK	2.3894G	66.59	74.00	-7.41	3	Horizontal	62	1.00	-
2417MHz	Pass	PK	2.4222G	108.42	Inf	-Inf	3	Horizontal	62	1.00	-
2417MHz	Pass	AV	4.84116G	32.23	54.00	-21.77	3	Vertical	337	3.00	-
2417MHz	Pass	AV	7.25007G	53.18	54.00	-0.82	3	Vertical	78	1.69	-
2417MHz	Pass	PK	4.83048G	45.96	74.00	-28.04	3	Vertical	337	3.00	-
2417MHz	Pass	PK	7.25022G	71.18	74.00	-2.82	3	Vertical	78	1.69	-
2417MHz	Pass	AV	4.8336G	37.20	54.00	-16.80	3	Horizontal	348	1.91	-
2417MHz	Pass	AV	7.2506G	53.90	54.00	-0.10	3	Horizontal	34	1.89	-
2417MHz	Pass	PK	4.83272G	51.20	74.00	-22.80	3	Horizontal	348	1.91	-
2417MHz	Pass	PK	7.25049G	72.00	74.00	-2.00	3	Horizontal	34	1.89	-
2437MHz	Pass	AV	2.3886G	50.15	54.00	-3.85	3	Vertical	291	2.05	-
2437MHz	Pass	AV	2.441G	102.15	Inf	-Inf	3	Vertical	291	2.05	-
2437MHz	Pass	AV	2.4835G	50.55	54.00	-3.45	3	Vertical	291	2.05	-
2437MHz	Pass	PK	2.389G	68.14	74.00	-5.86	3	Vertical	291	2.05	-
2437MHz	Pass	PK	2.4414G	115.09	Inf	-Inf	3	Vertical	291	2.05	-
2437MHz	Pass	PK	2.4835G	65.95	74.00	-8.05	3	Vertical	291	2.05	-
2437MHz	Pass	AV	2.3898G	49.23	54.00	-4.77	3	Horizontal	66	1.81	-
2437MHz	Pass	AV	2.441G	100.20	Inf	-Inf	3	Horizontal	66	1.81	-
2437MHz	Pass	AV	2.4835G	49.55	54.00	-4.45	3	Horizontal	66	1.81	-
2437MHz	Pass	PK	2.3886G	65.38	74.00	-8.62	3	Horizontal	66	1.81	-
2437MHz	Pass	PK	2.4358G	113.11	Inf	-Inf	3	Horizontal	66	1.81	-
2437MHz	Pass	PK	2.4838G	65.17	74.00	-8.83	3	Horizontal	66	1.81	-
2437MHz	Pass	AV	4.87376G	34.42	54.00	-19.58	3	Vertical	324	2.97	-
2437MHz	Pass	AV	7.31124G	51.55	54.00	-2.45	3	Vertical	76	1.81	-
2437MHz	Pass	PK	4.87376G	48.64	74.00	-25.36	3	Vertical	324	2.97	-
2437MHz	Pass	PK	7.30194G	66.58	74.00	-7.42	3	Vertical	76	1.81	-
2437MHz	Pass	AV	4.87376G	35.92	54.00	-18.08	3	Horizontal	337	1.82	-
2437MHz	Pass	AV	7.31112G	53.62	54.00	-0.38	3	Horizontal	320	2.39	-
2437MHz	Pass	PK	4.87358G	49.81	74.00	-24.19	3	Horizontal	337	1.82	-
2437MHz	Pass	PK	7.31856G	68.28	74.00	-5.72	3	Horizontal	320	2.39	-
2457MHz	Pass	AV	2.4536G	99.94	Inf	-Inf	3	Vertical	326	1.79	-
2457MHz	Pass	AV	2.4835G	50.92	54.00	-3.08	3	Vertical	326	1.79	-
2457MHz	Pass	PK	2.4538G	113.60	Inf	-Inf	3	Vertical	326	1.79	-
2457MHz	Pass	PK	2.4838G	69.03	74.00	-4.97	3	Vertical	326	1.79	-
2457MHz	Pass	AV	2.453G	97.48	Inf	-Inf	3	Horizontal	59	1.13	-
2457MHz	Pass	AV	2.4835G	49.64	54.00	-4.36	3	Horizontal	59	1.13	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.4502G	110.36	Inf	-Inf	3	Horizontal	59	1.13	-
2457MHz	Pass	PK	2.4838G	67.69	74.00	-6.31	3	Horizontal	59	1.13	-
2457MHz	Pass	AV	4.91388G	33.04	54.00	-20.96	3	Vertical	341	2.92	-
2457MHz	Pass	AV	7.37286G	51.40	54.00	-2.60	3	Vertical	80	1.58	-
2457MHz	Pass	PK	4.91946G	47.03	74.00	-26.97	3	Vertical	341	2.92	-
2457MHz	Pass	PK	7.37562G	68.29	74.00	-5.71	3	Vertical	80	1.58	-
2457MHz	Pass	AV	4.914G	34.80	54.00	-19.20	3	Horizontal	335	1.67	-
2457MHz	Pass	AV	7.37256G	53.88	54.00	-0.12	3	Horizontal	320	2.34	-
2457MHz	Pass	PK	4.90956G	48.50	74.00	-25.50	3	Horizontal	335	1.67	-
2457MHz	Pass	PK	7.37754G	70.84	74.00	-3.16	3	Horizontal	320	2.34	-
2462MHz	Pass	AV	2.4536G	98.68	Inf	-Inf	3	Vertical	14	1.77	-
2462MHz	Pass	AV	2.4835G	49.60	54.00	-4.40	3	Vertical	14	1.77	-
2462MHz	Pass	PK	2.4664G	112.09	Inf	-Inf	3	Vertical	14	1.77	-
2462MHz	Pass	PK	2.4836G	73.15	74.00	-0.85	3	Vertical	14	1.77	-
2462MHz	Pass	AV	2.4536G	97.71	Inf	-Inf	3	Horizontal	134	2.10	-
2462MHz	Pass	AV	2.4846G	48.87	54.00	-5.13	3	Horizontal	134	2.10	-
2462MHz	Pass	PK	2.4588G	111.44	Inf	-Inf	3	Horizontal	134	2.10	-
2462MHz	Pass	PK	2.4835G	72.04	74.00	-1.96	3	Horizontal	134	2.10	-
2462MHz	Pass	AV	4.92388G	32.17	54.00	-21.83	3	Vertical	6	1.50	-
2462MHz	Pass	AV	7.38672G	44.36	54.00	-9.64	3	Vertical	138	1.68	-
2462MHz	Pass	PK	4.92884G	46.35	74.00	-27.65	3	Vertical	6	1.50	-
2462MHz	Pass	PK	7.38936G	61.58	74.00	-12.42	3	Vertical	138	1.68	-
2462MHz	Pass	AV	4.92384G	32.99	54.00	-21.01	3	Horizontal	30	1.50	-
2462MHz	Pass	AV	7.38396G	47.05	54.00	-6.95	3	Horizontal	22	2.03	-
2462MHz	Pass	PK	4.92688G	46.75	74.00	-27.25	3	Horizontal	30	1.50	-
2462MHz	Pass	PK	7.38928G	63.43	74.00	-10.57	3	Horizontal	22	2.03	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.53	54.00	-0.47	3	Vertical	311	2.26	-
2422MHz	Pass	AV	2.416G	95.54	Inf	-Inf	3	Vertical	311	2.26	-
2422MHz	Pass	AV	2.4848G	48.60	54.00	-5.40	3	Vertical	311	2.26	-
2422MHz	Pass	PK	2.388G	67.75	74.00	-6.25	3	Vertical	311	2.26	-
2422MHz	Pass	PK	2.414G	109.21	Inf	-Inf	3	Vertical	311	2.26	-
2422MHz	Pass	PK	2.494G	61.07	74.00	-12.93	3	Vertical	311	2.26	-
2422MHz	Pass	AV	2.3896G	51.84	54.00	-2.16	3	Horizontal	60	1.01	-
2422MHz	Pass	AV	2.4284G	94.01	Inf	-Inf	3	Horizontal	60	1.01	-
2422MHz	Pass	AV	2.4835G	48.48	54.00	-5.52	3	Horizontal	60	1.01	-
2422MHz	Pass	PK	2.39G	66.93	74.00	-7.07	3	Horizontal	60	1.01	-
2422MHz	Pass	PK	2.438G	106.34	Inf	-Inf	3	Horizontal	60	1.01	-
2422MHz	Pass	PK	2.4876G	60.90	74.00	-13.10	3	Horizontal	60	1.01	-
2422MHz	Pass	AV	4.84384G	32.73	54.00	-21.27	3	Vertical	297	1.72	-
2422MHz	Pass	AV	7.26024G	45.97	54.00	-8.03	3	Vertical	77	1.68	-
2422MHz	Pass	PK	4.8532G	46.51	74.00	-27.49	3	Vertical	297	1.72	-
2422MHz	Pass	PK	7.26208G	61.42	74.00	-12.58	3	Vertical	77	1.68	-
2422MHz	Pass	AV	4.84368G	34.50	54.00	-19.50	3	Horizontal	348	1.80	-
2422MHz	Pass	AV	7.256G	46.08	54.00	-7.92	3	Horizontal	42	1.74	-
2422MHz	Pass	PK	4.84776G	48.35	74.00	-25.65	3	Horizontal	348	1.80	-
2422MHz	Pass	PK	7.26576G	61.79	74.00	-12.21	3	Horizontal	42	1.74	-
2427MHz	Pass	AV	2.389G	53.51	54.00	-0.49	3	Vertical	312	2.02	-
2427MHz	Pass	AV	2.4398G	96.59	Inf	-Inf	3	Vertical	312	2.02	-
2427MHz	Pass	AV	2.4846G	48.87	54.00	-5.13	3	Vertical	312	2.02	-
2427MHz	Pass	PK	2.389G	67.14	74.00	-6.86	3	Vertical	312	2.02	-
2427MHz	Pass	PK	2.4374G	110.31	Inf	-Inf	3	Vertical	312	2.02	-
2427MHz	Pass	PK	2.4842G	62.42	74.00	-11.58	3	Vertical	312	2.02	-
2427MHz	Pass	AV	2.3886G	51.21	54.00	-2.79	3	Horizontal	60	1.01	-
2427MHz	Pass	AV	2.4318G	94.44	Inf	-Inf	3	Horizontal	60	1.01	-
2427MHz	Pass	AV	2.4838G	48.80	54.00	-5.20	3	Horizontal	60	1.01	-
2427MHz	Pass	PK	2.3882G	65.81	74.00	-8.19	3	Horizontal	60	1.01	-
2427MHz	Pass	PK	2.4194G	107.79	Inf	-Inf	3	Horizontal	60	1.01	-
2427MHz	Pass	PK	2.4874G	61.25	74.00	-12.75	3	Horizontal	60	1.01	-
2437MHz	Pass	AV	2.3898G	53.07	54.00	-0.93	3	Vertical	300	2.04	-
2437MHz	Pass	AV	2.4422G	97.62	Inf	-Inf	3	Vertical	300	2.04	-
2437MHz	Pass	AV	2.4842G	53.32	54.00	-0.68	3	Vertical	300	2.04	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.3898G	68.65	74.00	-5.35	3	Vertical	300	2.04	-
2437MHz	Pass	PK	2.4478G	110.80	Inf	-Inf	3	Vertical	300	2.04	-
2437MHz	Pass	PK	2.4835G	69.82	74.00	-4.18	3	Vertical	300	2.04	-
2437MHz	Pass	AV	2.3898G	50.41	54.00	-3.59	3	Horizontal	62	1.42	-
2437MHz	Pass	AV	2.4422G	95.66	Inf	-Inf	3	Horizontal	62	1.42	-
2437MHz	Pass	AV	2.4846G	50.95	54.00	-3.05	3	Horizontal	62	1.42	-
2437MHz	Pass	PK	2.3898G	66.13	74.00	-7.87	3	Horizontal	62	1.42	-
2437MHz	Pass	PK	2.447G	108.09	Inf	-Inf	3	Horizontal	62	1.42	-
2437MHz	Pass	PK	2.4846G	66.27	74.00	-7.73	3	Horizontal	62	1.42	-
2437MHz	Pass	AV	4.86128G	31.96	54.00	-22.04	3	Vertical	295	1.50	-
2437MHz	Pass	AV	7.295G	47.68	54.00	-6.32	3	Vertical	70	1.77	-
2437MHz	Pass	PK	4.89344G	45.10	74.00	-28.90	3	Vertical	295	1.50	-
2437MHz	Pass	PK	7.295G	61.67	74.00	-12.33	3	Vertical	70	1.77	-
2437MHz	Pass	AV	4.86368G	33.28	54.00	-20.72	3	Horizontal	332	1.39	-
2437MHz	Pass	AV	7.29604G	46.99	54.00	-7.01	3	Horizontal	36	1.64	-
2437MHz	Pass	PK	4.8608G	46.36	74.00	-27.64	3	Horizontal	332	1.39	-
2437MHz	Pass	PK	7.29316G	61.37	74.00	-12.63	3	Horizontal	36	1.64	-
2447MHz	Pass	AV	2.3886G	49.00	54.00	-5.00	3	Vertical	304	2.24	-
2447MHz	Pass	AV	2.451G	97.70	Inf	-Inf	3	Vertical	304	2.24	-
2447MHz	Pass	AV	2.4842G	53.57	54.00	-0.43	3	Vertical	304	2.24	-
2447MHz	Pass	PK	2.389G	62.45	74.00	-11.55	3	Vertical	304	2.24	-
2447MHz	Pass	PK	2.4386G	110.72	Inf	-Inf	3	Vertical	304	2.24	-
2447MHz	Pass	PK	2.485G	70.65	74.00	-3.35	3	Vertical	304	2.24	-
2447MHz	Pass	AV	2.3882G	48.25	54.00	-5.75	3	Horizontal	61	1.13	-
2447MHz	Pass	AV	2.4534G	95.59	Inf	-Inf	3	Horizontal	61	1.13	-
2447MHz	Pass	AV	2.4842G	51.26	54.00	-2.74	3	Horizontal	61	1.13	-
2447MHz	Pass	PK	2.3834G	61.20	74.00	-12.80	3	Horizontal	61	1.13	-
2447MHz	Pass	PK	2.463G	108.37	Inf	-Inf	3	Horizontal	61	1.13	-
2447MHz	Pass	PK	2.4835G	68.20	74.00	-5.80	3	Horizontal	61	1.13	-
2452MHz	Pass	AV	2.39G	48.90	54.00	-5.10	3	Vertical	287	2.04	-
2452MHz	Pass	AV	2.4444G	97.12	Inf	-Inf	3	Vertical	287	2.04	-
2452MHz	Pass	AV	2.4835G	52.94	54.00	-1.06	3	Vertical	287	2.04	-
2452MHz	Pass	PK	2.3864G	60.59	74.00	-13.41	3	Vertical	287	2.04	-
2452MHz	Pass	PK	2.442G	110.75	Inf	-Inf	3	Vertical	287	2.04	-
2452MHz	Pass	PK	2.4844G	70.96	74.00	-3.04	3	Vertical	287	2.04	-
2452MHz	Pass	AV	2.388G	47.97	54.00	-6.03	3	Horizontal	48	2.03	-
2452MHz	Pass	AV	2.4544G	96.09	Inf	-Inf	3	Horizontal	48	2.03	-
2452MHz	Pass	AV	2.4835G	50.60	54.00	-3.40	3	Horizontal	48	2.03	-
2452MHz	Pass	PK	2.3884G	60.00	74.00	-14.00	3	Horizontal	48	2.03	-
2452MHz	Pass	PK	2.4592G	109.78	Inf	-Inf	3	Horizontal	48	2.03	-
2452MHz	Pass	PK	2.4848G	67.73	74.00	-6.27	3	Horizontal	48	2.03	-
2452MHz	Pass	AV	4.8952G	32.11	54.00	-21.89	3	Vertical	220	1.50	-
2452MHz	Pass	AV	7.3652G	44.10	54.00	-9.90	3	Vertical	72	1.76	-
2452MHz	Pass	PK	4.91896G	45.74	74.00	-28.26	3	Vertical	220	1.50	-
2452MHz	Pass	PK	7.36536G	58.59	74.00	-15.41	3	Vertical	72	1.76	-
2452MHz	Pass	AV	4.89856G	33.18	54.00	-20.82	3	Horizontal	337	1.52	-
2452MHz	Pass	AV	7.36512G	44.92	54.00	-9.08	3	Horizontal	325	2.16	-
2452MHz	Pass	PK	4.89896G	47.24	74.00	-26.76	3	Horizontal	337	1.52	-
2452MHz	Pass	PK	7.37352G	60.35	74.00	-13.65	3	Horizontal	325	2.16	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

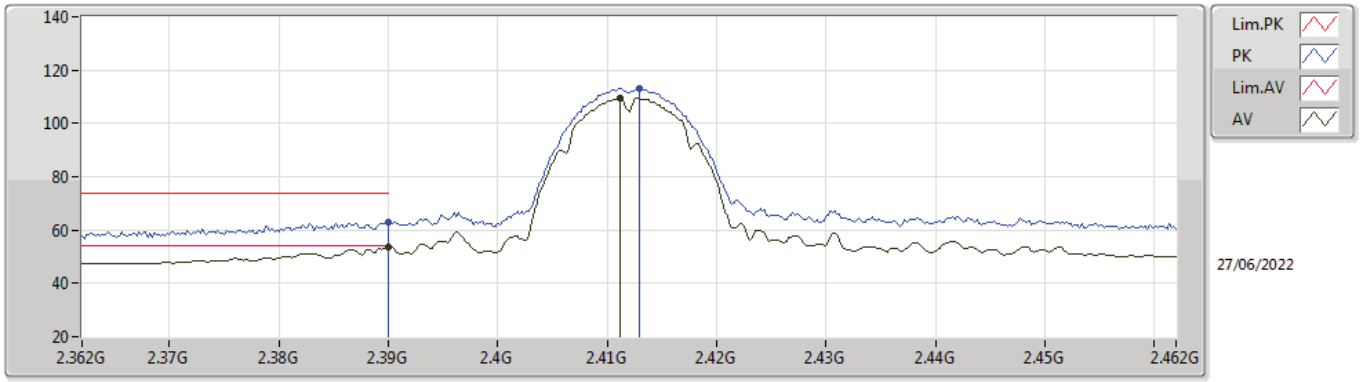
2412MHz_TX



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	35.56	3	Vertical	179	1.05	-	17.84	27.28	8.28	-
AV	2.4112G	107.58	Inf	-Inf	35.64	3	Vertical	179	1.05	-	71.94	27.34	8.30	-
PK	2.3898G	62.96	74.00	-11.04	35.56	3	Vertical	179	1.05	-	27.40	27.28	8.28	-
PK	2.413G	111.37	Inf	-Inf	35.65	3	Vertical	179	1.05	-	75.72	27.35	8.30	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

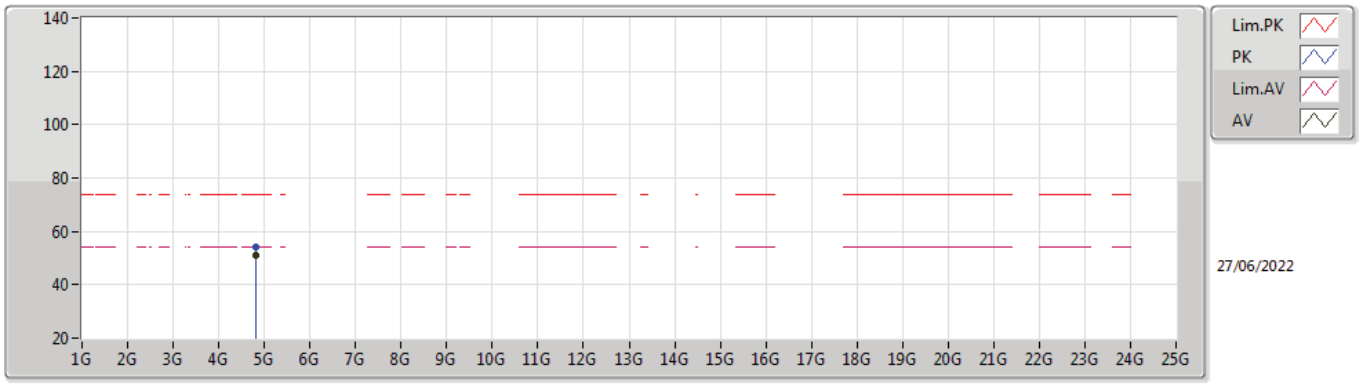
2412MHz_TX



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	53.86	54.00	-0.14	35.56	3	Horizontal	46	2.08	-	18.30	27.28	8.28	-
AV	2.4112G	109.42	Inf	-Inf	35.64	3	Horizontal	46	2.08	-	73.78	27.34	8.30	-
PK	2.39G	63.15	74.00	-10.85	35.56	3	Horizontal	46	2.08	-	27.59	27.28	8.28	-
PK	2.413G	113.26	Inf	-Inf	35.65	3	Horizontal	46	2.08	-	77.61	27.35	8.30	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

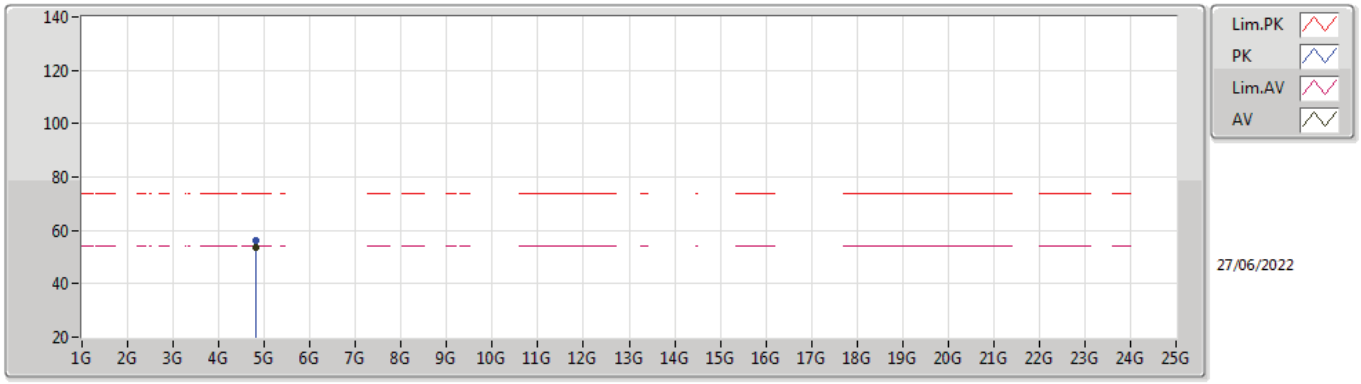
2412MHz_TX



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	50.79	54.00	-3.21	8.05	3	Vertical	314	1.50	-	42.74	32.55	9.68	34.18
PK	4.82392G	54.19	74.00	-19.81	8.05	3	Vertical	314	1.50	-	46.14	32.55	9.68	34.18

802.11b_Nss1,(1Mbps)_1TX(Port1)

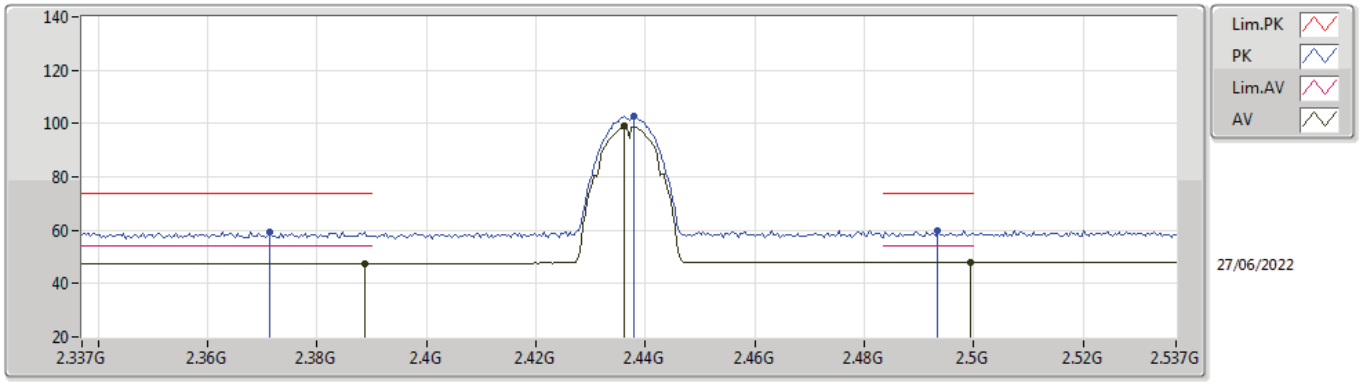
2412MHz_TX



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	53.68	54.00	-0.32	8.05	3	Horizontal	343	1.74	-	45.63	32.55	9.68	34.18
PK	4.82388G	56.26	74.00	-17.74	8.05	3	Horizontal	343	1.74	-	48.21	32.55	9.68	34.18

802.11b_Nss1,(1Mbps)_1TX(Port1)

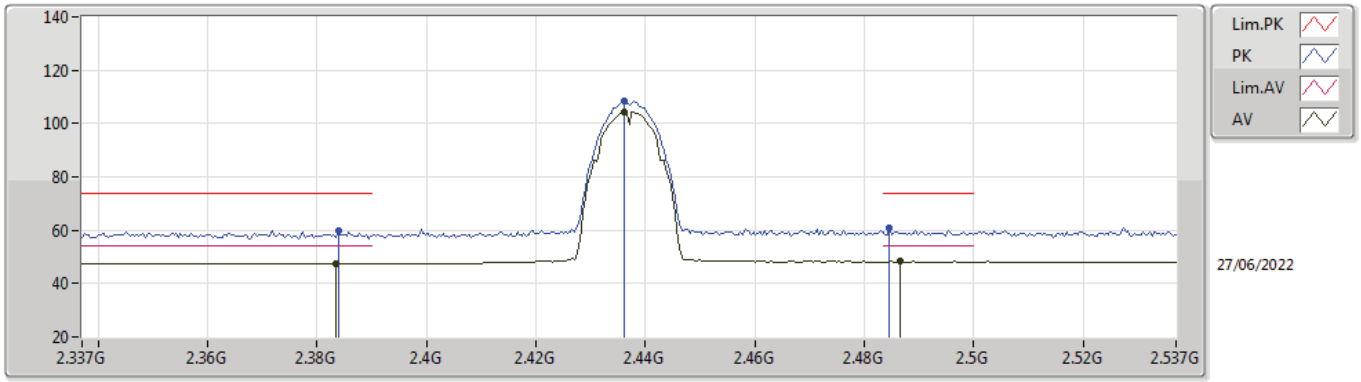
2437MHz_TX



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	2.3886G	47.55	54.00	-6.45	35.56	3	Vertical	194	1.38	-	11.99	27.28	8.28	-
AV	2.4362G	98.94	Inf	-Inf	35.75	3	Vertical	194	1.38	-	63.19	27.44	8.31	-
AV	2.4994G	48.04	54.00	-5.96	36.15	3	Vertical	194	1.38	-	11.89	27.80	8.35	-
PK	2.3714G	59.55	74.00	-14.45	35.51	3	Vertical	194	1.38	-	24.04	27.24	8.27	-
PK	2.4378G	102.71	Inf	-Inf	35.76	3	Vertical	194	1.38	-	66.95	27.45	8.31	-
PK	2.4934G	59.74	74.00	-14.26	36.11	3	Vertical	194	1.38	-	23.63	27.76	8.35	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

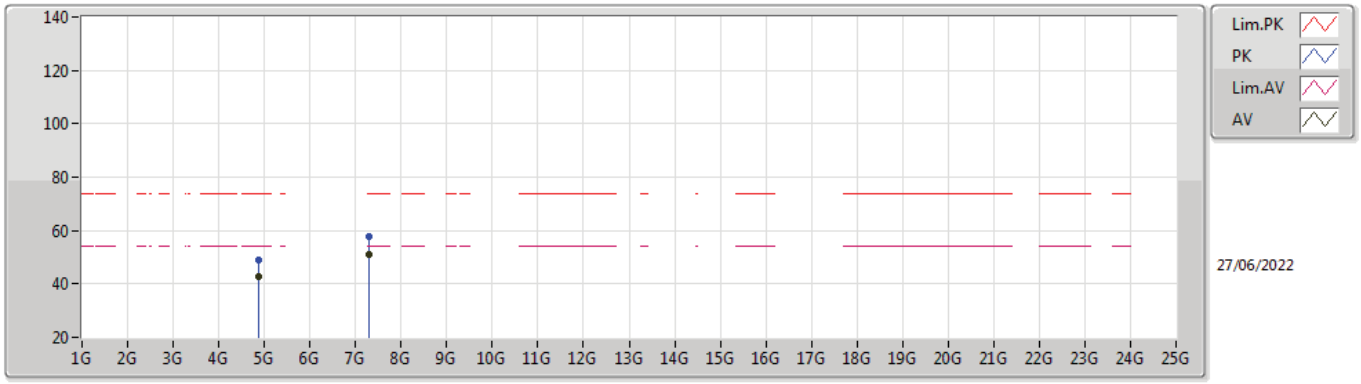
2437MHz_TX



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	2.3834G	47.55	54.00	-6.45	35.55	3	Horizontal	54	2.56	-	12.00	27.27	8.28	-
AV	2.4362G	104.47	Inf	-Inf	35.75	3	Horizontal	54	2.56	-	68.72	27.44	8.31	-
AV	2.4866G	48.22	54.00	-5.78	36.07	3	Horizontal	54	2.56	-	12.15	27.72	8.35	-
PK	2.3838G	59.88	74.00	-14.12	35.55	3	Horizontal	54	2.56	-	24.33	27.27	8.28	-
PK	2.4362G	108.31	Inf	-Inf	35.75	3	Horizontal	54	2.56	-	72.56	27.44	8.31	-
PK	2.4846G	60.61	74.00	-13.39	36.05	3	Horizontal	54	2.56	-	24.56	27.71	8.34	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

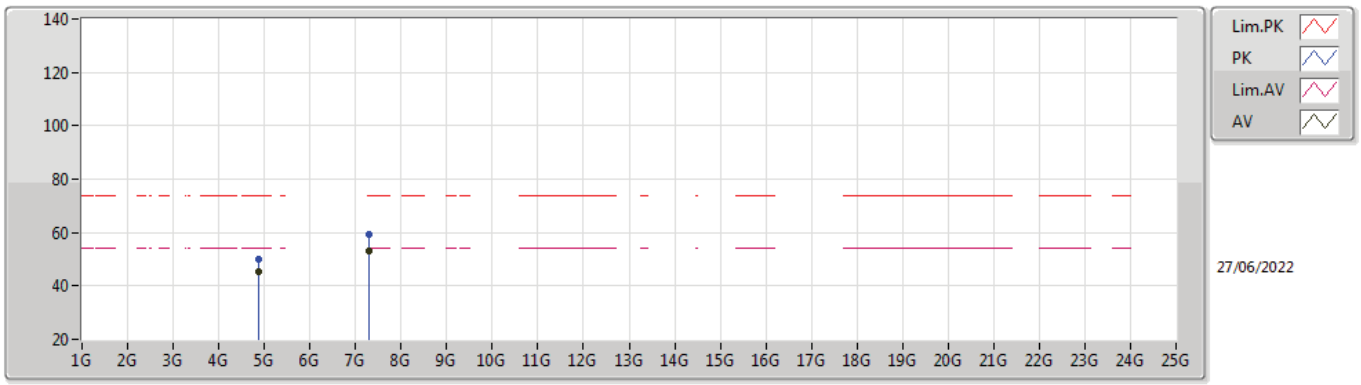
2437MHz_TX



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	42.89	54.00	-11.11	8.19	3	Vertical	330	2.93	-	34.70	32.65	9.70	34.16
AV	7.3102G	51.26	54.00	-2.74	13.44	3	Vertical	81	1.50	-	37.82	36.62	11.32	34.50
PK	4.87364G	48.86	74.00	-25.14	8.19	3	Vertical	330	2.93	-	40.67	32.65	9.70	34.16
PK	7.31016G	57.59	74.00	-16.41	13.44	3	Vertical	81	1.50	-	44.15	36.62	11.32	34.50

802.11b_Nss1,(1Mbps)_1TX(Port1)

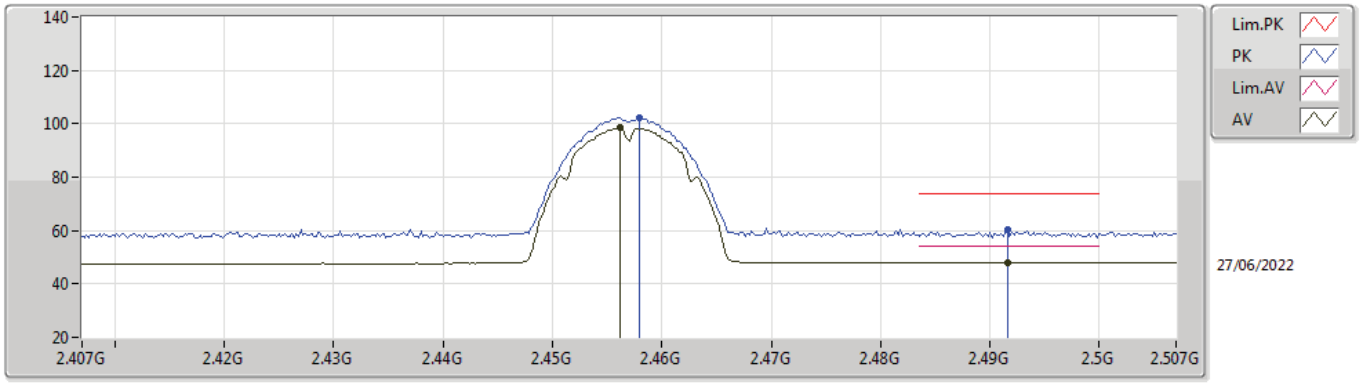
2437MHz_TX



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	45.33	54.00	-8.67	8.19	3	Horizontal	341	2.01	-	37.14	32.65	9.70	34.16
AV	7.3102G	53.14	54.00	-0.86	13.44	3	Horizontal	32	1.87	-	39.70	36.62	11.32	34.50
PK	4.87396G	50.25	74.00	-23.75	8.19	3	Horizontal	341	2.01	-	42.06	32.65	9.70	34.16
PK	7.30996G	59.22	74.00	-14.78	13.44	3	Horizontal	32	1.87	-	45.78	36.62	11.32	34.50

802.11b_Nss1,(1Mbps)_1TX(Port1)

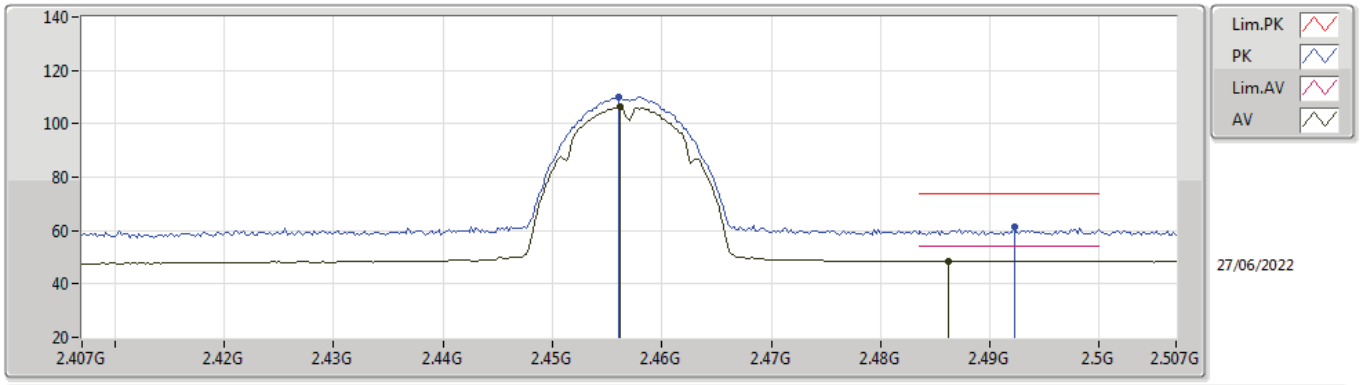
2457MHz_TX



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	2.4562G	98.47	Inf	-Inf	35.87	3	Vertical	284	1.61	-	62.60	27.54	8.33	-
AV	2.4916G	48.07	54.00	-5.93	36.10	3	Vertical	284	1.61	-	11.97	27.75	8.35	-
PK	2.458G	102.36	Inf	-Inf	35.88	3	Vertical	284	1.61	-	66.48	27.55	8.33	-
PK	2.4916G	60.32	74.00	-13.68	36.10	3	Vertical	284	1.61	-	24.22	27.75	8.35	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

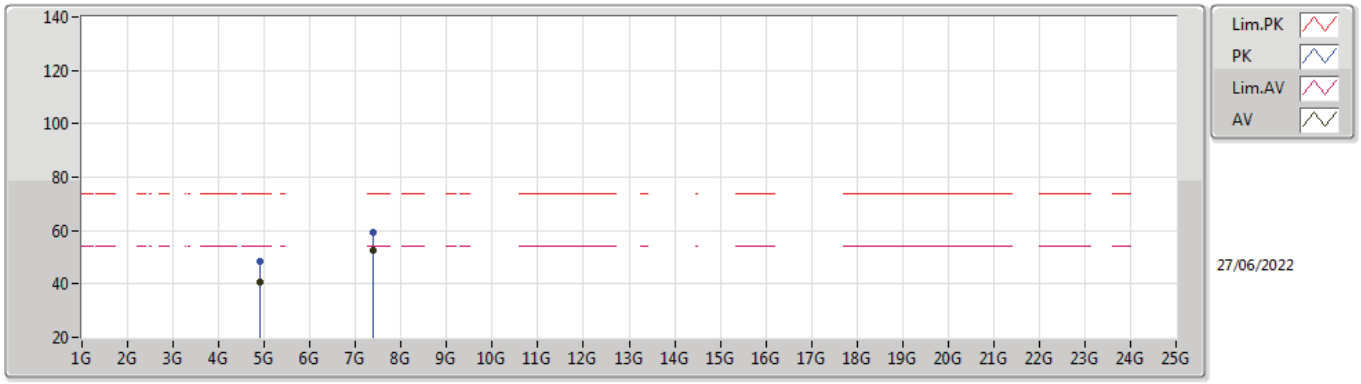
2457MHz_TX



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	2.4562G	106.30	Inf	-Inf	35.87	3	Horizontal	55	2.10	-	70.43	27.54	8.33	-
AV	2.4862G	48.70	54.00	-5.30	36.07	3	Horizontal	55	2.10	-	12.63	27.72	8.35	-
PK	2.456G	110.07	Inf	-Inf	35.87	3	Horizontal	55	2.10	-	74.20	27.54	8.33	-
PK	2.4922G	61.24	74.00	-12.76	36.10	3	Horizontal	55	2.10	-	25.14	27.75	8.35	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

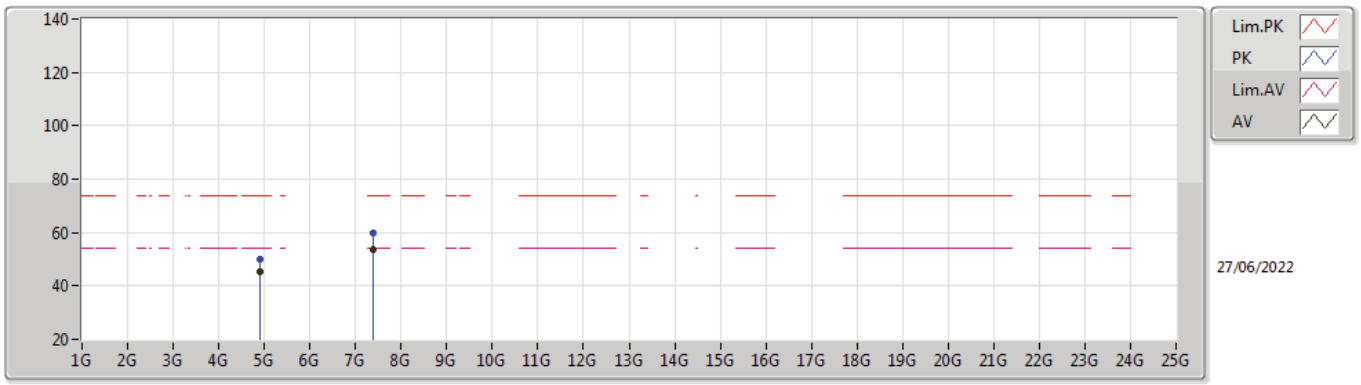
2457MHz_TX



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	4.91392G	40.44	54.00	-13.56	8.34	3	Vertical	311	2.88	-	32.10	32.76	9.72	34.14
AV	7.37168G	52.84	54.00	-1.16	13.41	3	Vertical	70	1.73	-	39.43	36.57	11.33	34.49
PK	4.914G	48.35	74.00	-25.65	8.34	3	Vertical	311	2.88	-	40.01	32.76	9.72	34.14
PK	7.37184G	59.09	74.00	-14.91	13.41	3	Vertical	70	1.73	-	45.68	36.57	11.33	34.49

802.11b_Nss1,(1Mbps)_1TX(Port1)

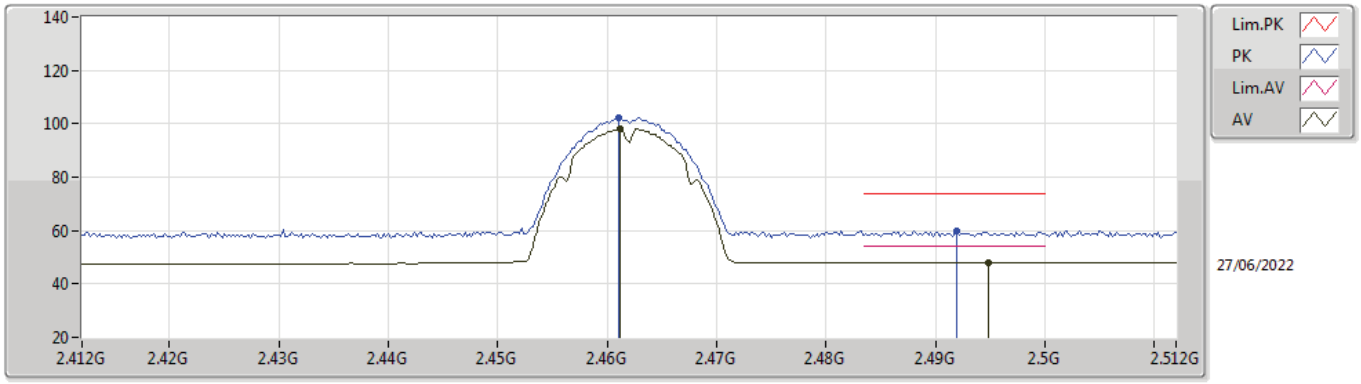
2457MHz_TX



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	4.91392G	45.29	54.00	-8.71	8.34	3	Horizontal	341	1.92	-	36.95	32.76	9.72	34.14
AV	7.37168G	53.81	54.00	-0.19	13.41	3	Horizontal	33	1.74	-	40.40	36.57	11.33	34.49
PK	4.9138G	50.25	74.00	-23.75	8.34	3	Horizontal	341	1.92	-	41.91	32.76	9.72	34.14
PK	7.37188G	59.63	74.00	-14.37	13.41	3	Horizontal	33	1.74	-	46.22	36.57	11.33	34.49

802.11b_Nss1,(1Mbps)_1TX(Port1)

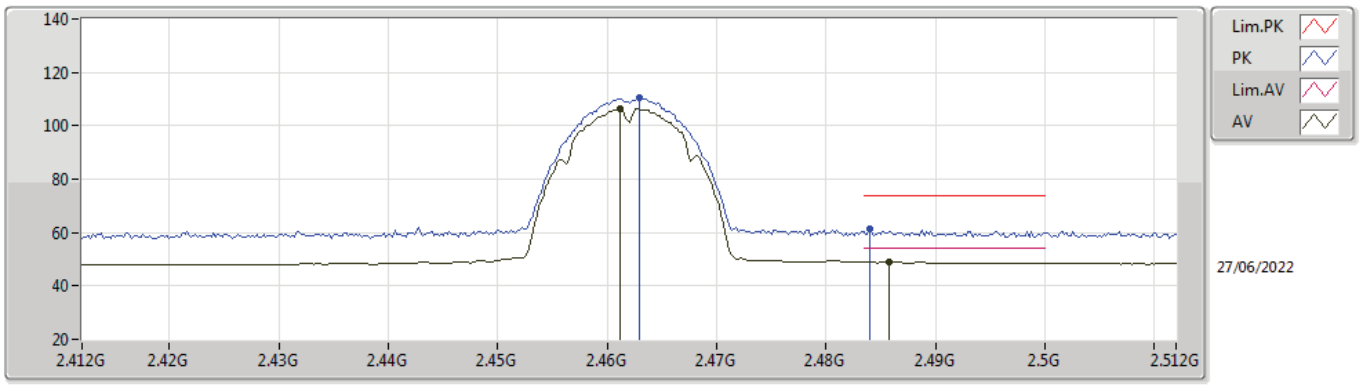
2462MHz_TX



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	98.21	Inf	-Inf	35.90	3	Vertical	284	1.62	-	62.31	27.57	8.33	-
AV	2.4948G	48.06	54.00	-5.94	36.12	3	Vertical	284	1.62	-	11.94	27.77	8.35	-
PK	2.461G	102.14	Inf	-Inf	35.90	3	Vertical	284	1.62	-	66.24	27.57	8.33	-
PK	2.492G	59.78	74.00	-14.22	36.10	3	Vertical	284	1.62	-	23.68	27.75	8.35	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

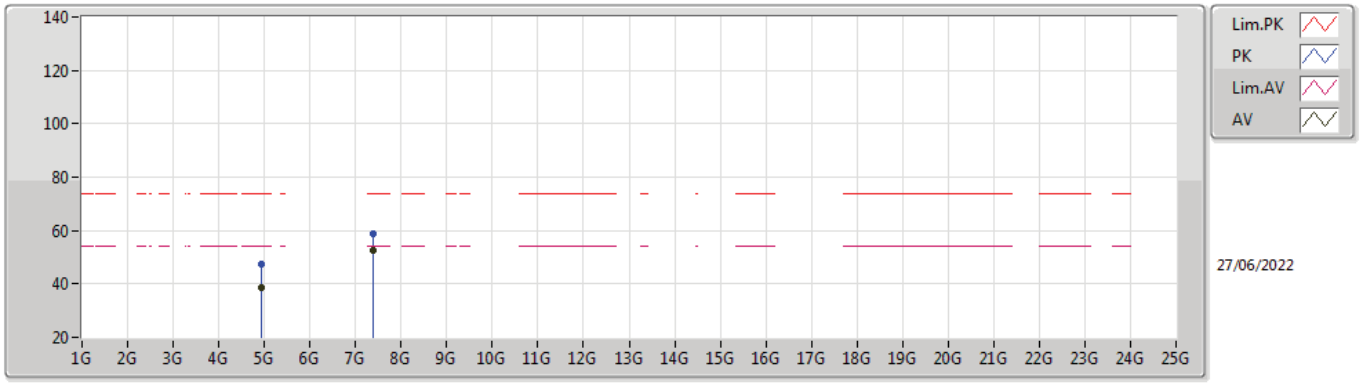
2462MHz_TX



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	106.40	Inf	-Inf	35.90	3	Horizontal	55	2.28	-	70.50	27.57	8.33	-
AV	2.4858G	49.11	54.00	-4.89	36.06	3	Horizontal	55	2.28	-	13.05	27.71	8.35	-
PK	2.463G	110.50	Inf	-Inf	35.91	3	Horizontal	55	2.28	-	74.59	27.58	8.33	-
PK	2.484G	61.24	74.00	-12.76	36.04	3	Horizontal	55	2.28	-	25.20	27.70	8.34	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

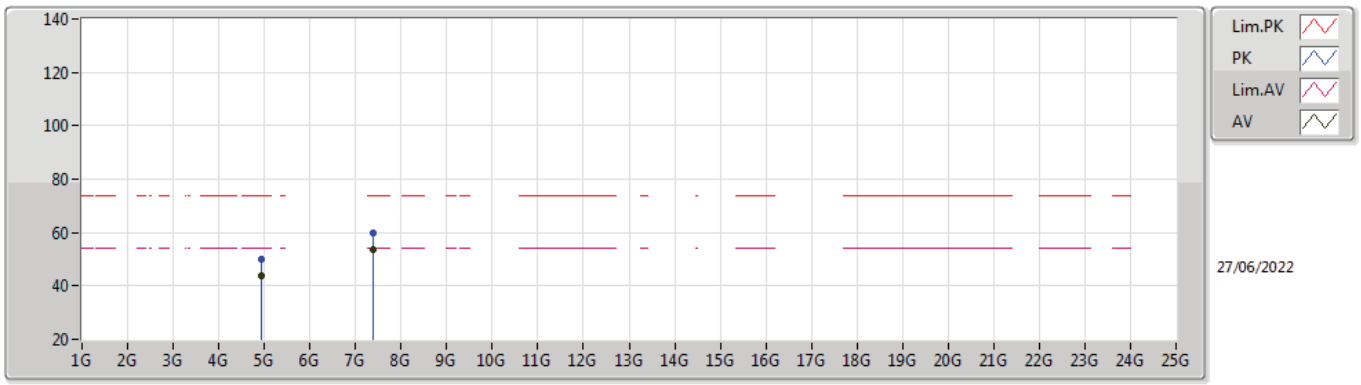
2462MHz_TX



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	38.83	54.00	-15.17	8.38	3	Vertical	306	1.25	-	30.45	32.80	9.72	34.14
AV	7.3852G	52.82	54.00	-1.18	13.34	3	Vertical	67	1.68	-	39.48	36.49	11.34	34.49
PK	4.92396G	47.47	74.00	-26.53	8.38	3	Vertical	306	1.25	-	39.09	32.80	9.72	34.14
PK	7.38452G	58.83	74.00	-15.17	13.34	3	Vertical	67	1.68	-	45.49	36.49	11.34	34.49

802.11b_Nss1,(1Mbps)_1TX(Port1)

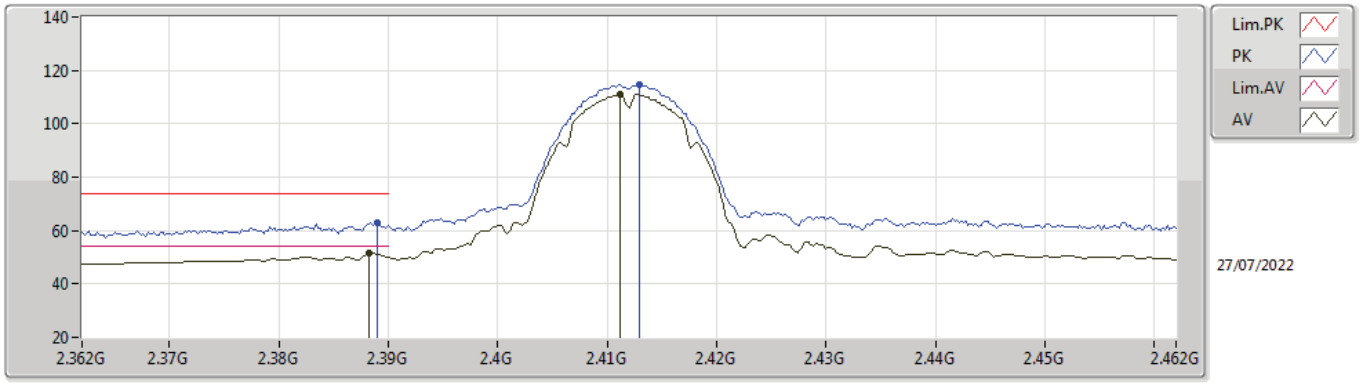
2462MHz_TX



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	43.62	54.00	-10.38	8.38	3	Horizontal	330	1.00	-	35.24	32.80	9.72	34.14
AV	7.38524G	53.64	54.00	-0.36	13.34	3	Horizontal	30	1.83	-	40.30	36.49	11.34	34.49
PK	4.924G	49.91	74.00	-24.09	8.38	3	Horizontal	330	1.00	-	41.53	32.80	9.72	34.14
PK	7.38504G	59.60	74.00	-14.40	13.34	3	Horizontal	30	1.83	-	46.26	36.49	11.34	34.49

802.11b_Nss1,(1Mbps)_2TX

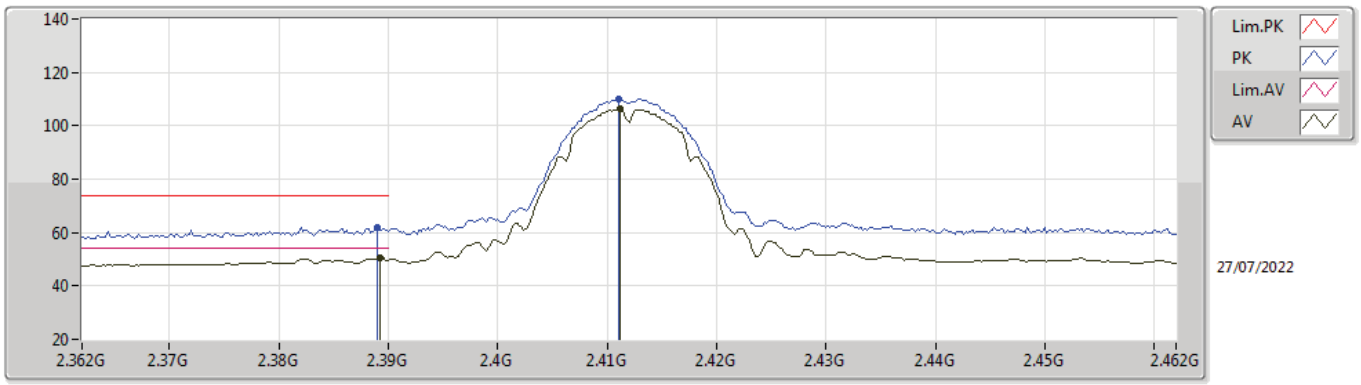
2412MHz_TX



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	2.3882G	51.47	54.00	-2.53	35.56	3	Vertical	360	2.78	-	15.91	27.28	8.28	-
AV	2.4112G	110.90	Inf	-Inf	35.64	3	Vertical	360	2.78	-	75.26	27.34	8.30	-
PK	2.389G	62.82	74.00	-11.18	35.56	3	Vertical	360	2.78	-	27.26	27.28	8.28	-
PK	2.413G	114.79	Inf	-Inf	35.65	3	Vertical	360	2.78	-	79.14	27.35	8.30	-

802.11b_Nss1,(1Mbps)_2TX

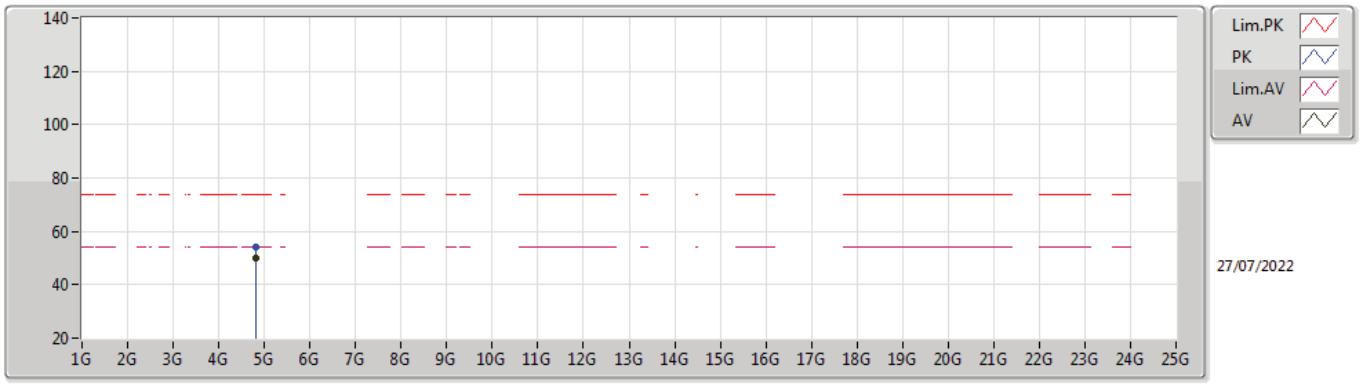
2412MHz_TX



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	2.3892G	50.56	54.00	-3.44	35.56	3	Horizontal	246	1.20	-	15.00	27.28	8.28	-
AV	2.4112G	106.40	Inf	-Inf	35.64	3	Horizontal	246	1.20	-	70.76	27.34	8.30	-
PK	2.389G	61.96	74.00	-12.04	35.56	3	Horizontal	246	1.20	-	26.40	27.28	8.28	-
PK	2.411G	110.14	Inf	-Inf	35.64	3	Horizontal	246	1.20	-	74.50	27.34	8.30	-

802.11b_Nss1,(1Mbps)_2TX

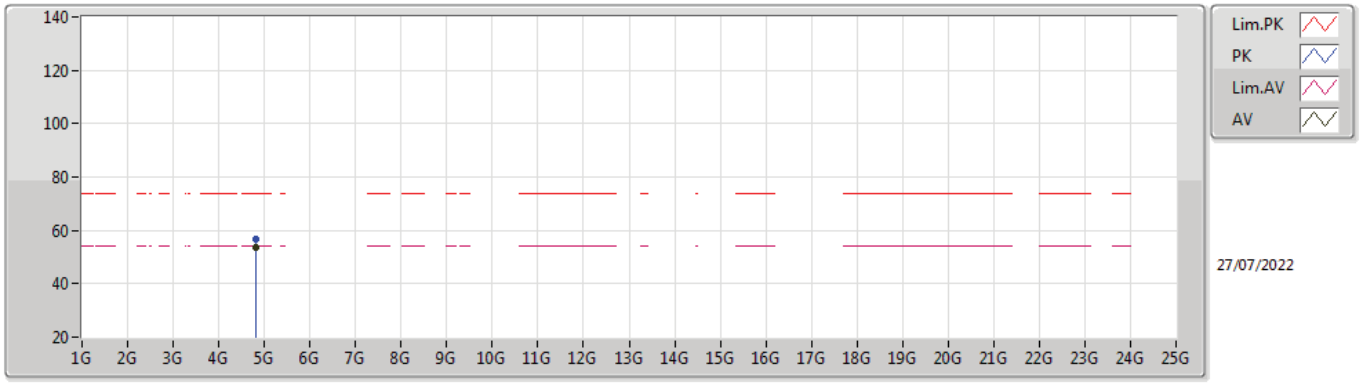
2412MHz_TX



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	4.82392G	50.06	54.00	-3.94	8.05	3	Vertical	323	3.00	-	42.01	32.55	9.68	34.18
PK	4.82384G	53.89	74.00	-20.11	8.05	3	Vertical	323	3.00	-	45.84	32.55	9.68	34.18

802.11b_Nss1,(1Mbps)_2TX

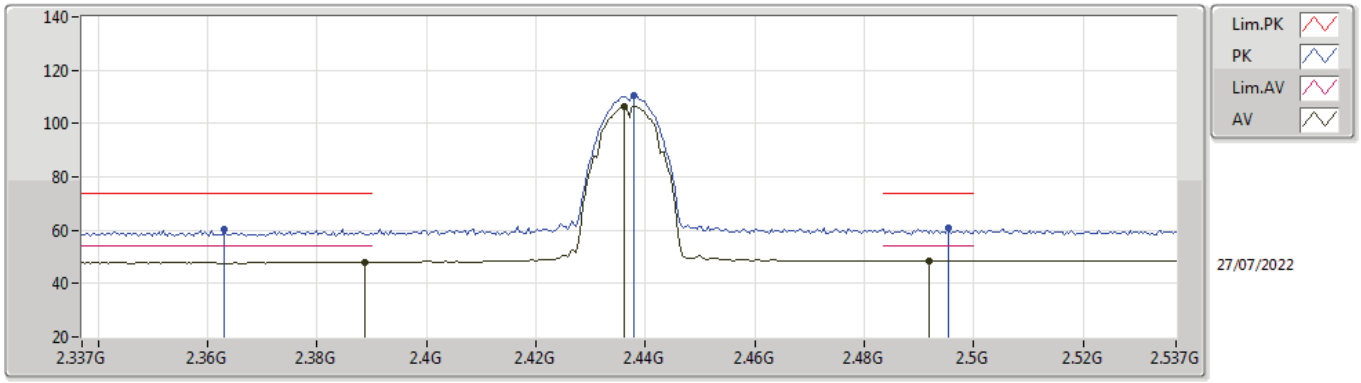
2412MHz_TX



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	4.82392G	53.77	54.00	-0.23	8.05	3	Horizontal	84	2.05	-	45.72	32.55	9.68	34.18
PK	4.82396G	56.54	74.00	-17.46	8.05	3	Horizontal	84	2.05	-	48.49	32.55	9.68	34.18

802.11b_Nss1,(1Mbps)_2TX

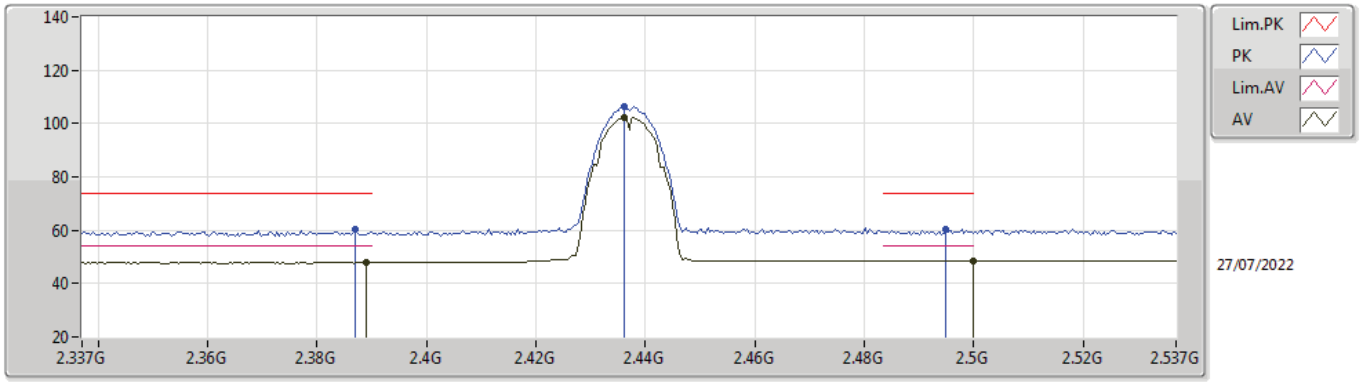
2437MHz_TX



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	2.3886G	47.96	54.00	-6.04	35.56	3	Vertical	6	2.49	-	12.40	27.28	8.28	-
AV	2.4362G	106.47	Inf	-Inf	35.75	3	Vertical	6	2.49	-	70.72	27.44	8.31	-
AV	2.4918G	48.57	54.00	-5.43	36.10	3	Vertical	6	2.49	-	12.47	27.75	8.35	-
PK	2.363G	60.20	74.00	-13.80	35.49	3	Vertical	6	2.49	-	24.71	27.23	8.26	-
PK	2.4378G	110.38	Inf	-Inf	35.76	3	Vertical	6	2.49	-	74.62	27.45	8.31	-
PK	2.4954G	60.80	74.00	-13.20	36.12	3	Vertical	6	2.49	-	24.68	27.77	8.35	-

802.11b_Nss1,(1Mbps)_2TX

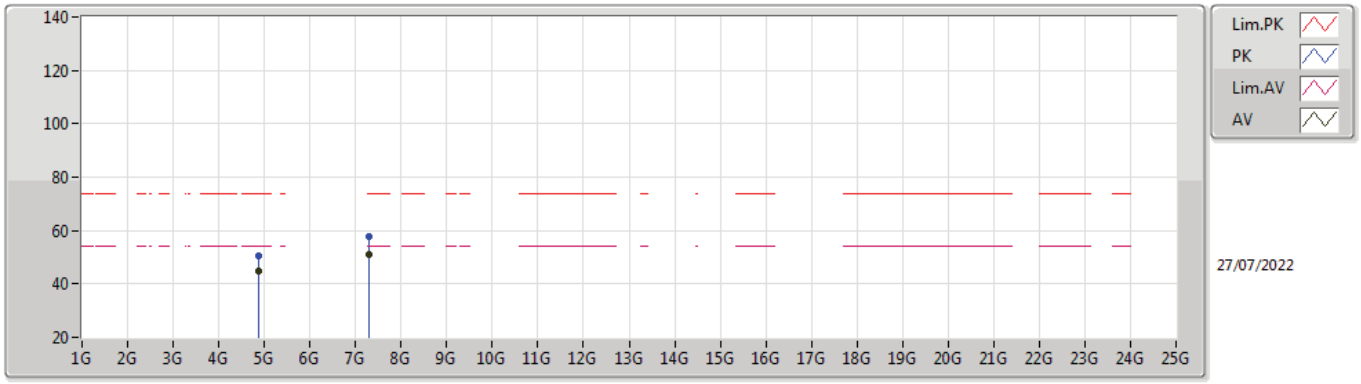
2437MHz_TX



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	2.389G	47.81	54.00	-6.19	35.56	3	Horizontal	243	1.09	-	12.25	27.28	8.28	-
AV	2.4362G	102.42	Inf	-Inf	35.75	3	Horizontal	243	1.09	-	66.67	27.44	8.31	-
AV	2.4998G	48.40	54.00	-5.60	36.15	3	Horizontal	243	1.09	-	12.25	27.80	8.35	-
PK	2.387G	60.26	74.00	-13.74	35.55	3	Horizontal	243	1.09	-	24.71	27.27	8.28	-
PK	2.4362G	106.35	Inf	-Inf	35.75	3	Horizontal	243	1.09	-	70.60	27.44	8.31	-
PK	2.495G	60.28	74.00	-13.72	36.12	3	Horizontal	243	1.09	-	24.16	27.77	8.35	-

802.11b_Nss1,(1Mbps)_2TX

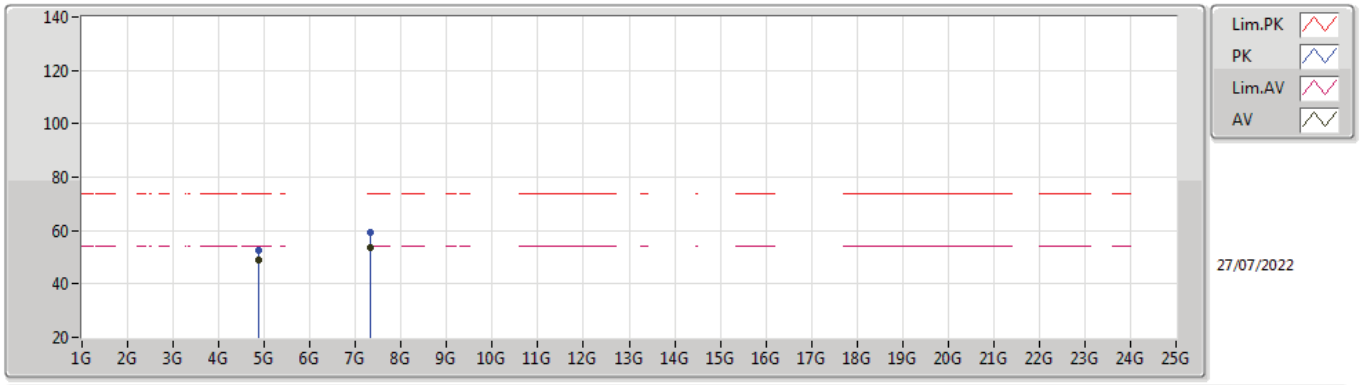
2437MHz_TX



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	4.87392G	44.99	54.00	-9.01	8.19	3	Vertical	334	2.82	-	36.80	32.65	9.70	34.16
AV	7.31016G	50.88	54.00	-3.12	13.44	3	Vertical	73	1.73	-	37.44	36.62	11.32	34.50
PK	4.874G	50.54	74.00	-23.46	8.19	3	Vertical	334	2.82	-	42.35	32.65	9.70	34.16
PK	7.30936G	57.91	74.00	-16.09	13.44	3	Vertical	73	1.73	-	44.47	36.62	11.32	34.50

802.11b_Nss1,(1Mbps)_2TX

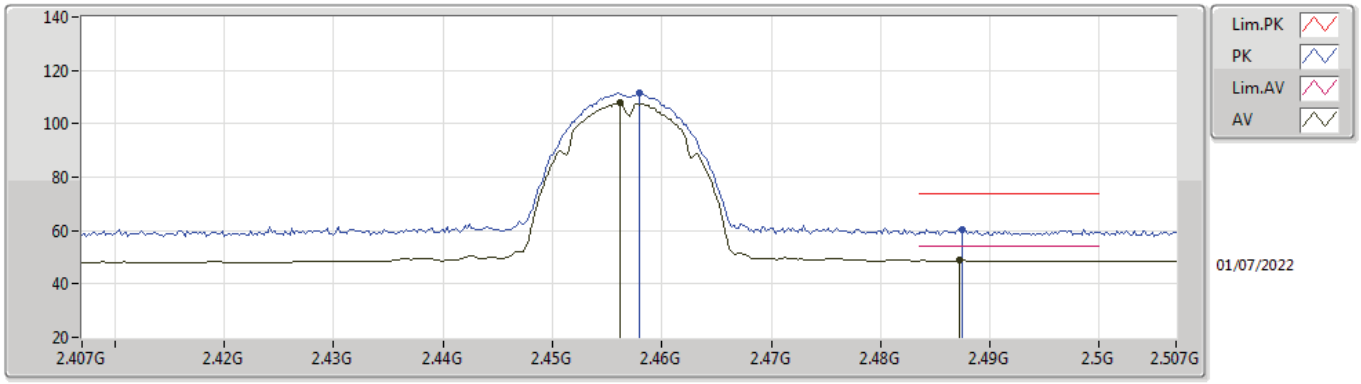
2437MHz_TX



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	4.87396G	48.83	54.00	-5.17	8.19	3	Horizontal	346	1.90	-	40.64	32.65	9.70	34.16
AV	7.31164G	53.61	54.00	-0.39	13.44	3	Horizontal	321	2.44	-	40.17	36.62	11.32	34.50
PK	4.87396G	52.77	74.00	-21.23	8.19	3	Horizontal	346	1.90	-	44.58	32.65	9.70	34.16
PK	7.31184G	59.54	74.00	-14.46	13.44	3	Horizontal	321	2.44	-	46.10	36.62	11.32	34.50

802.11b_Nss1,(1Mbps)_2TX

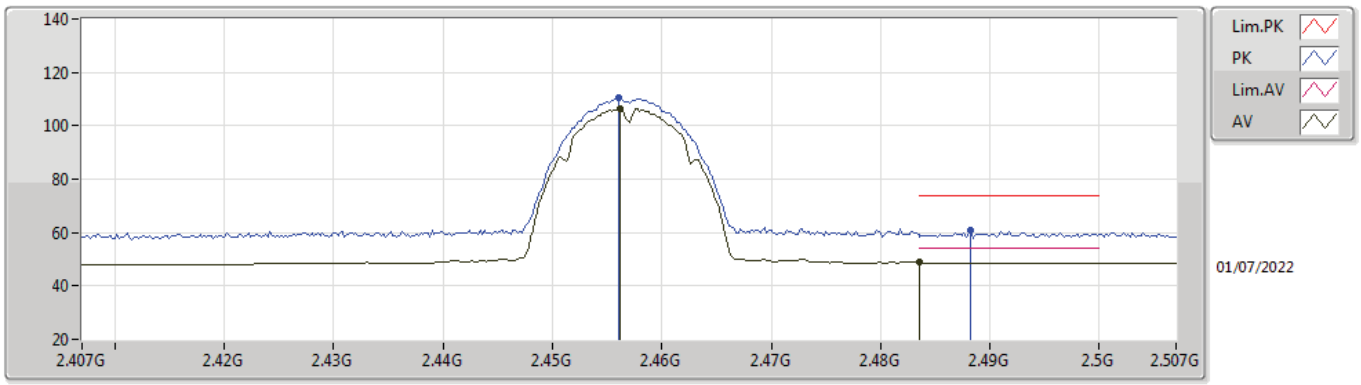
2457MHz_TX



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	2.4562G	107.76	Inf	-Inf	35.87	3	Vertical	12	2.21	-	71.89	27.54	8.33	-
AV	2.4872G	48.83	54.00	-5.17	36.07	3	Vertical	12	2.21	-	12.76	27.72	8.35	-
PK	2.458G	111.48	Inf	-Inf	35.88	3	Vertical	12	2.21	-	75.60	27.55	8.33	-
PK	2.4874G	60.52	74.00	-13.48	36.07	3	Vertical	12	2.21	-	24.45	27.72	8.35	-

802.11b_Nss1,(1Mbps)_2TX

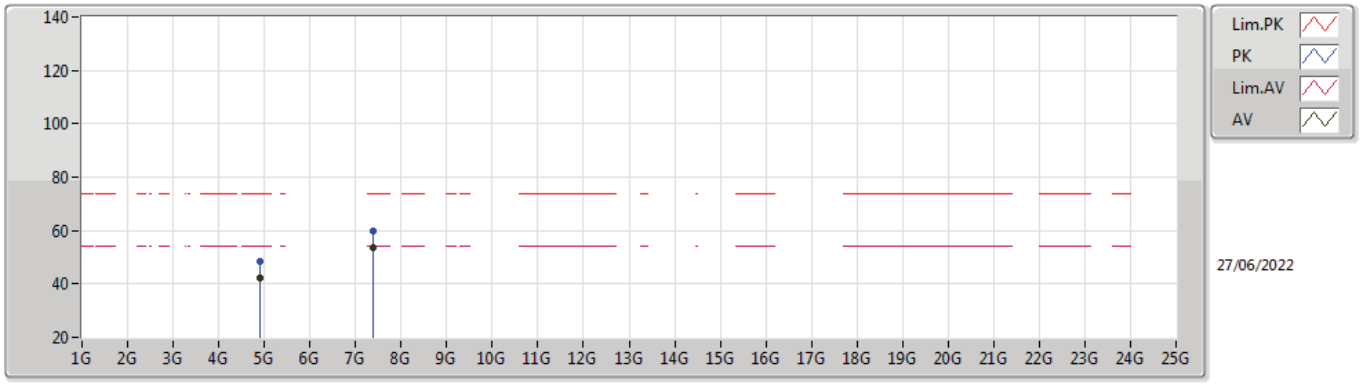
2457MHz_TX



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	2.4562G	106.47	Inf	-Inf	35.87	3	Horizontal	140	2.12	-	70.60	27.54	8.33	-
AV	2.4835G	48.73	54.00	-5.27	36.04	3	Horizontal	140	2.12	-	12.69	27.70	8.34	-
PK	2.456G	110.26	Inf	-Inf	35.87	3	Horizontal	140	2.12	-	74.39	27.54	8.33	-
PK	2.4882G	60.75	74.00	-13.25	36.08	3	Horizontal	140	2.12	-	24.67	27.73	8.35	-

802.11b_Nss1,(1Mbps)_2TX

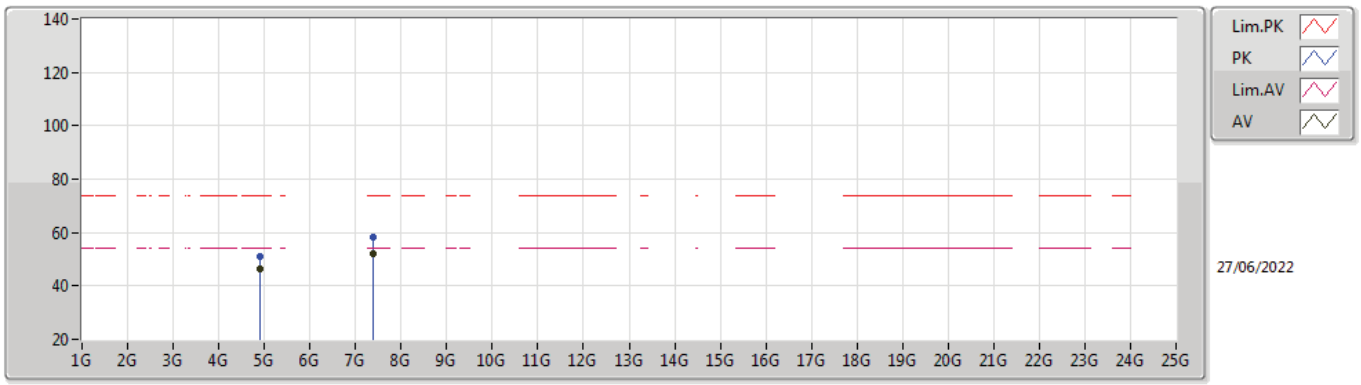
2457MHz_TX



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	4.91392G	42.16	54.00	-11.84	8.34	3	Vertical	321	1.00	-	33.82	32.76	9.72	34.14
AV	7.37164G	53.44	54.00	-0.56	13.41	3	Vertical	222	2.97	-	40.03	36.57	11.33	34.49
PK	4.9138G	48.49	74.00	-25.51	8.34	3	Vertical	321	1.00	-	40.15	32.76	9.72	34.14
PK	7.37196G	59.75	74.00	-14.25	13.41	3	Vertical	222	2.97	-	46.34	36.57	11.33	34.49

802.11b_Nss1,(1Mbps)_2TX

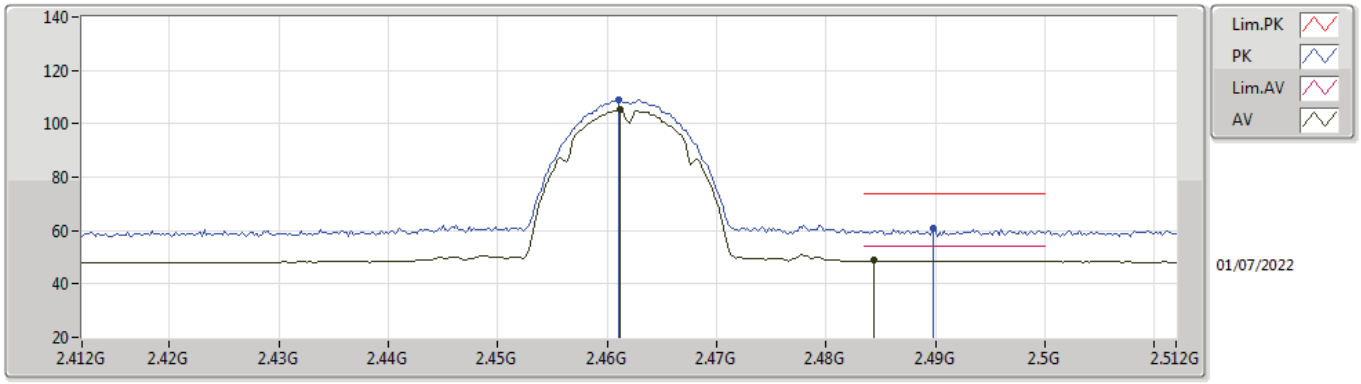
2457MHz_TX



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	4.91396G	46.20	54.00	-7.80	8.34	3	Horizontal	324	1.13	-	37.86	32.76	9.72	34.14
AV	7.37164G	52.18	54.00	-1.82	13.41	3	Horizontal	360	1.71	-	38.77	36.57	11.33	34.49
PK	4.91388G	51.21	74.00	-22.79	8.34	3	Horizontal	324	1.13	-	42.87	32.76	9.72	34.14
PK	7.37184G	58.47	74.00	-15.53	13.41	3	Horizontal	360	1.71	-	45.06	36.57	11.33	34.49

802.11b_Nss1,(1Mbps)_2TX

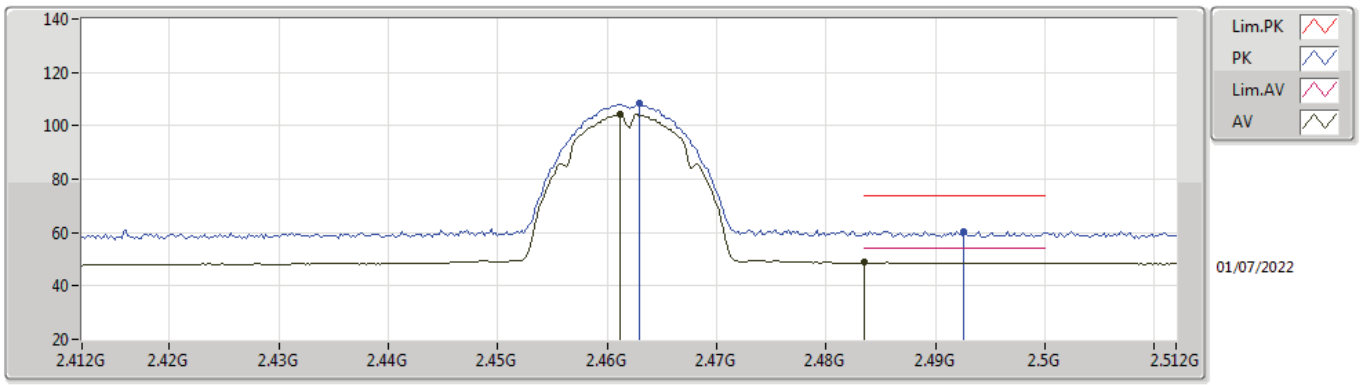
2462MHz_TX



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	105.26	Inf	-Inf	35.90	3	Vertical	59	1.97	-	69.36	27.57	8.33	-
AV	2.4844G	48.75	54.00	-5.25	36.05	3	Vertical	59	1.97	-	12.70	27.71	8.34	-
PK	2.461G	108.96	Inf	-Inf	35.90	3	Vertical	59	1.97	-	73.06	27.57	8.33	-
PK	2.4898G	60.71	74.00	-13.29	36.09	3	Vertical	59	1.97	-	24.62	27.74	8.35	-

802.11b_Nss1,(1Mbps)_2TX

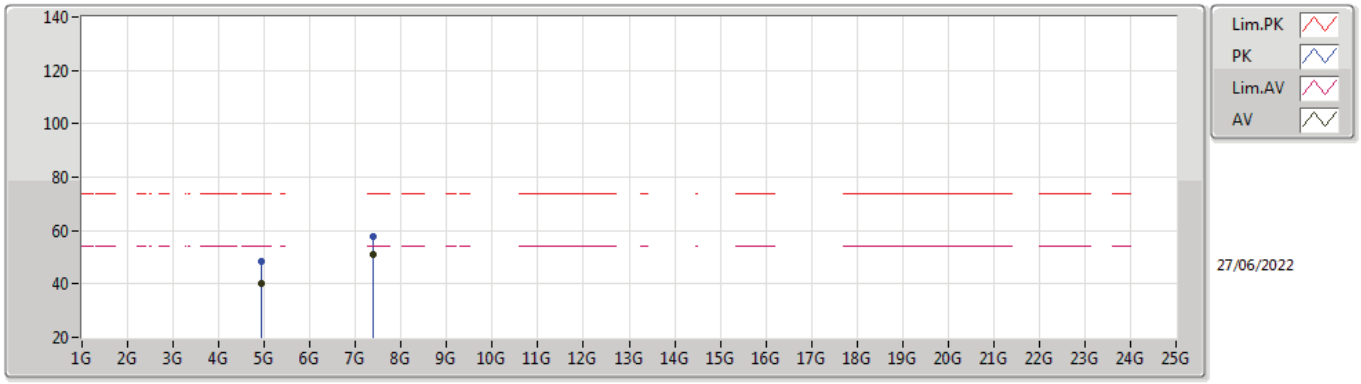
2462MHz_TX



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	104.41	Inf	-Inf	35.90	3	Horizontal	130	2.28	-	68.51	27.57	8.33	-
AV	2.4835G	48.75	54.00	-5.25	36.04	3	Horizontal	130	2.28	-	12.71	27.70	8.34	-
PK	2.463G	108.20	Inf	-Inf	35.91	3	Horizontal	130	2.28	-	72.29	27.58	8.33	-
PK	2.4926G	60.57	74.00	-13.43	36.11	3	Horizontal	130	2.28	-	24.46	27.76	8.35	-

802.11b_Nss1,(1Mbps)_2TX

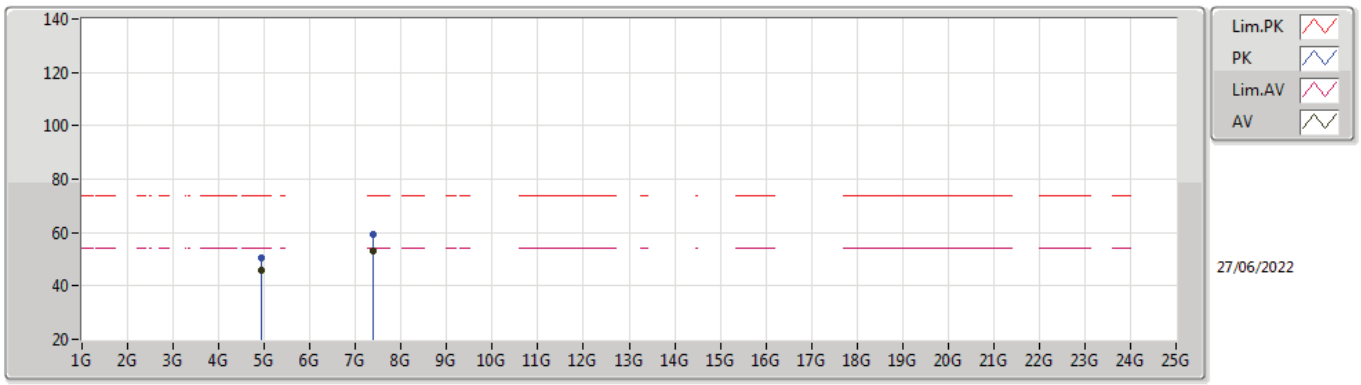
2462MHz_TX



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	4.92396G	40.21	54.00	-13.79	8.38	3	Vertical	288	1.47	-	31.83	32.80	9.72	34.14
AV	7.38664G	51.21	54.00	-2.79	13.33	3	Vertical	71	1.65	-	37.88	36.48	11.34	34.49
PK	4.92392G	48.45	74.00	-25.55	8.38	3	Vertical	288	1.47	-	40.07	32.80	9.72	34.14
PK	7.38688G	57.99	74.00	-16.01	13.33	3	Vertical	71	1.65	-	44.66	36.48	11.34	34.49

802.11b_Nss1,(1Mbps)_2TX

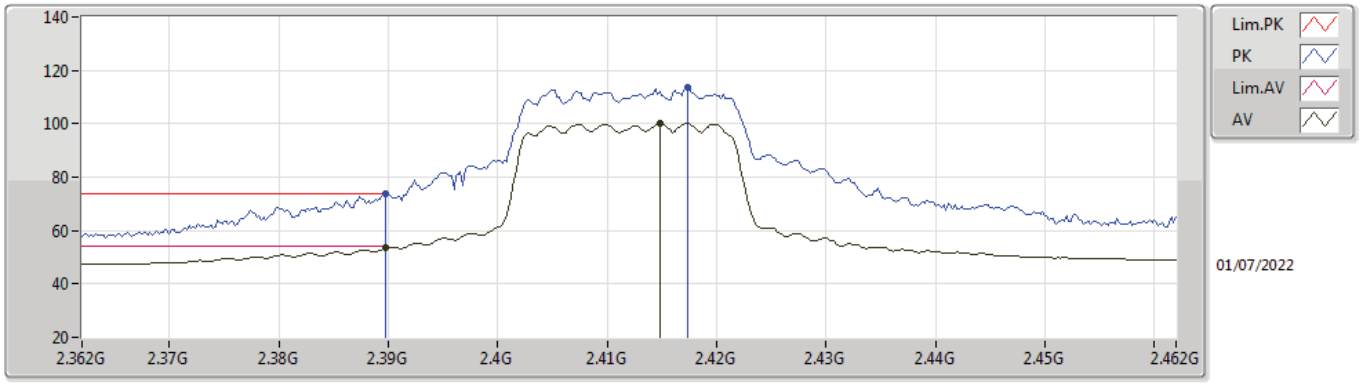
2462MHz_TX



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	4.92396G	45.70	54.00	-8.30	8.38	3	Horizontal	319	1.00	-	37.32	32.80	9.72	34.14
AV	7.3852G	53.29	54.00	-0.71	13.34	3	Horizontal	326	2.31	-	39.95	36.49	11.34	34.49
PK	4.92392G	50.35	74.00	-23.65	8.38	3	Horizontal	319	1.00	-	41.97	32.80	9.72	34.14
PK	7.38504G	59.49	74.00	-14.51	13.34	3	Horizontal	326	2.31	-	46.15	36.49	11.34	34.49

802.11ax HEW20_Nss1,(MCS0)_2TX

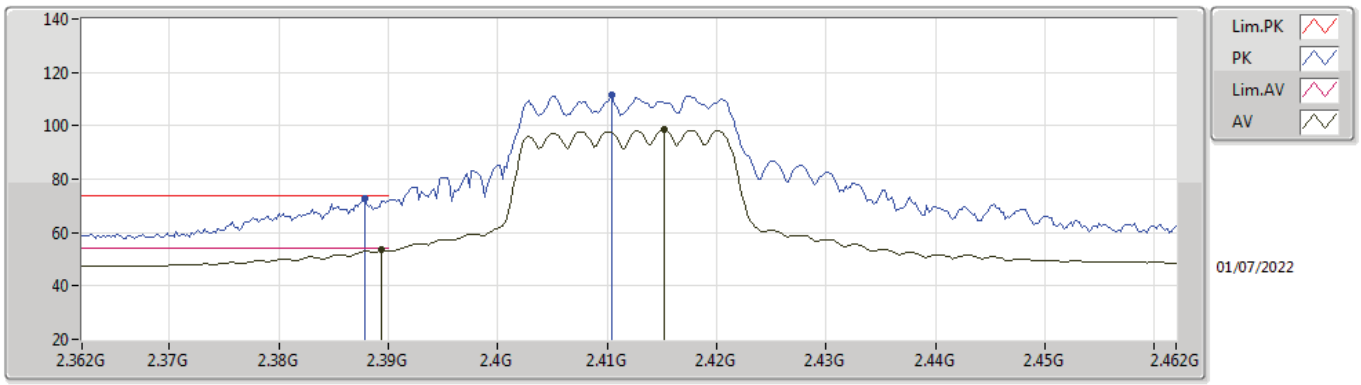
2412MHz_TX



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	2.3898G	53.74	54.00	-0.26	35.56	3	Vertical	29	1.50	-	18.18	27.28	8.28	-
AV	2.4148G	100.06	Inf	-Inf	35.66	3	Vertical	29	1.50	-	64.40	27.36	8.30	-
PK	2.3898G	73.69	74.00	-0.31	35.56	3	Vertical	29	1.50	-	38.13	27.28	8.28	-
PK	2.4174G	113.56	Inf	-Inf	35.67	3	Vertical	29	1.50	-	77.89	27.37	8.30	-

802.11ax HEW20_Nss1,(MCS0)_2TX

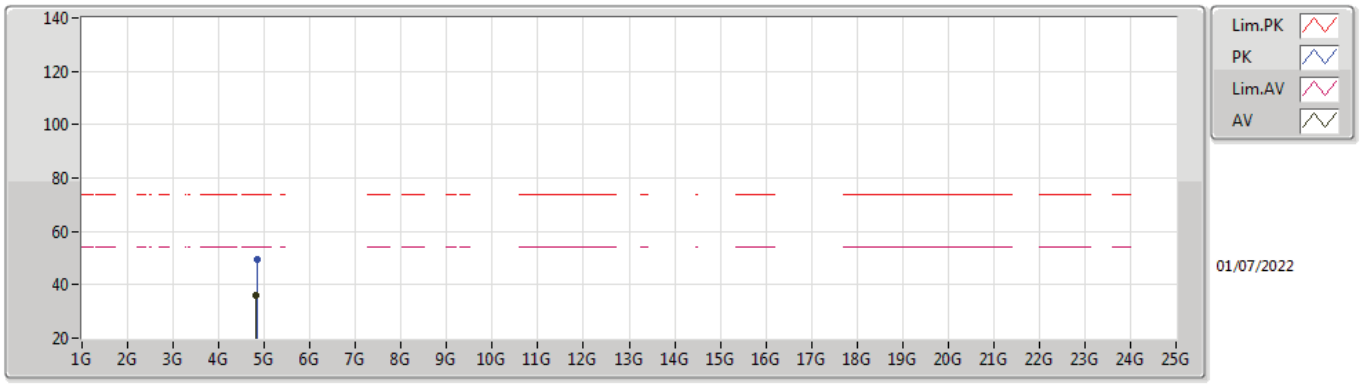
2412MHz_TX



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	2.3894G	53.44	54.00	-0.56	35.56	3	Horizontal	237	1.01	-	17.88	27.28	8.28	-
AV	2.4152G	98.37	Inf	-Inf	35.66	3	Horizontal	237	1.01	-	62.71	27.36	8.30	-
PK	2.3878G	72.78	74.00	-1.22	35.56	3	Horizontal	237	1.01	-	37.22	27.28	8.28	-
PK	2.4104G	111.60	Inf	-Inf	35.64	3	Horizontal	237	1.01	-	75.96	27.34	8.30	-

802.11ax HEW20_Nss1,(MCS0)_2TX

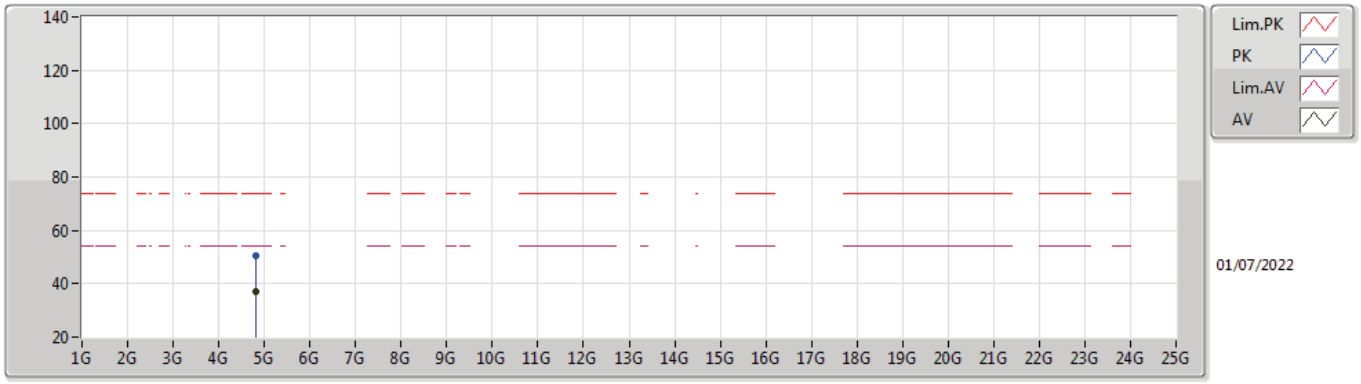
2412MHz_TX



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	4.82376G	36.05	54.00	-17.95	8.05	3	Vertical	335	2.83	-	28.00	32.55	9.68	34.18
PK	4.82898G	49.56	74.00	-24.44	8.06	3	Vertical	335	2.83	-	41.50	32.56	9.68	34.18

802.11ax HEW20_Nss1,(MCS0)_2TX

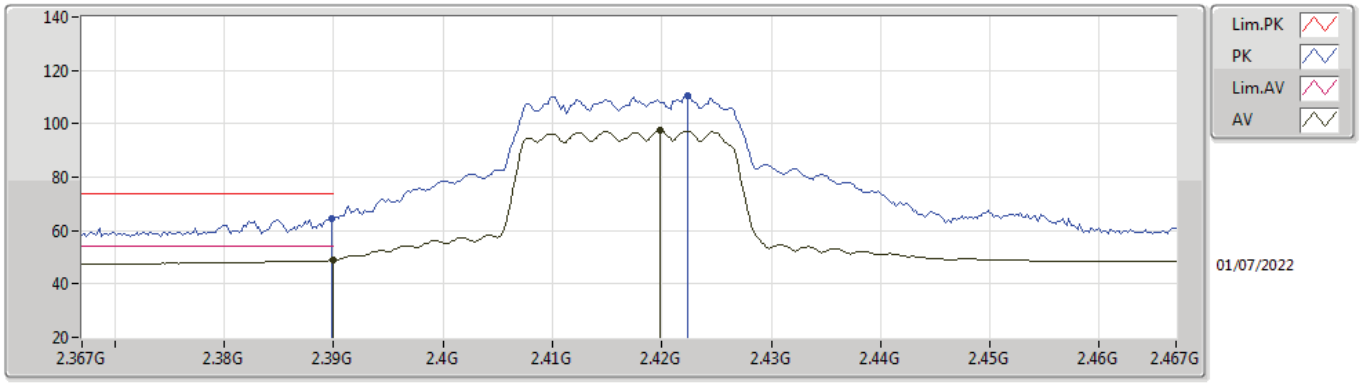
2412MHz_TX



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	4.8238G	37.28	54.00	-16.72	8.05	3	Horizontal	348	1.49	-	29.23	32.55	9.68	34.18
PK	4.8237G	50.58	74.00	-23.42	8.05	3	Horizontal	348	1.49	-	42.53	32.55	9.68	34.18

802.11ax HEW20_Nss1,(MCS0)_2TX

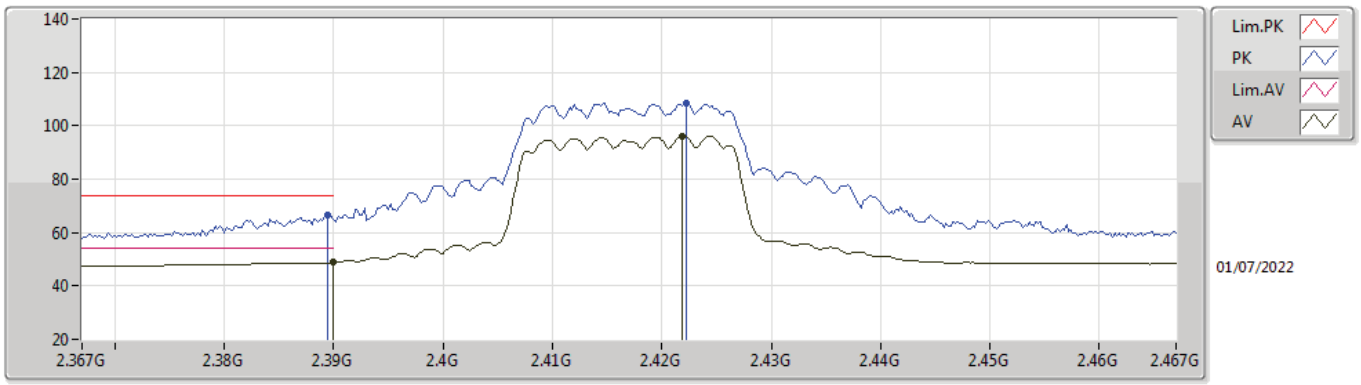
2417MHz_TX



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	48.93	54.00	-5.07	35.56	3	Vertical	304	1.80	-	13.37	27.28	8.28	-
AV	2.4198G	97.40	Inf	-Inf	35.68	3	Vertical	304	1.80	-	61.72	27.38	8.30	-
PK	2.3898G	64.63	74.00	-9.37	35.56	3	Vertical	304	1.80	-	29.07	27.28	8.28	-
PK	2.4224G	110.54	Inf	-Inf	35.69	3	Vertical	304	1.80	-	74.85	27.39	8.30	-

802.11ax HEW20_Nss1,(MCS0)_2TX

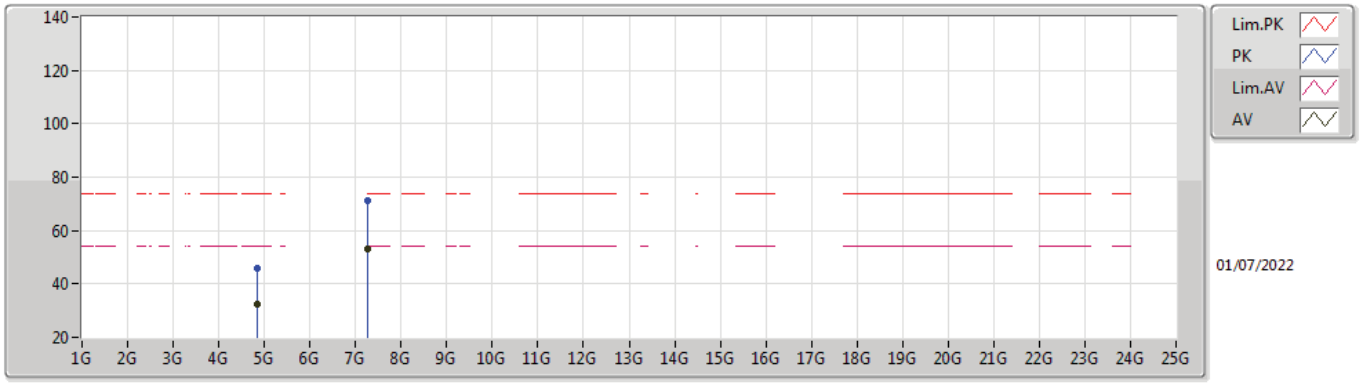
2417MHz_TX



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	48.74	54.00	-5.26	35.56	3	Horizontal	62	1.00	-	13.18	27.28	8.28	-
AV	2.4218G	96.07	Inf	-Inf	35.69	3	Horizontal	62	1.00	-	60.38	27.39	8.30	-
PK	2.3894G	66.59	74.00	-7.41	35.56	3	Horizontal	62	1.00	-	31.03	27.28	8.28	-
PK	2.4222G	108.42	Inf	-Inf	35.69	3	Horizontal	62	1.00	-	72.73	27.39	8.30	-

802.11ax HEW20_Nss1,(MCS0)_2TX

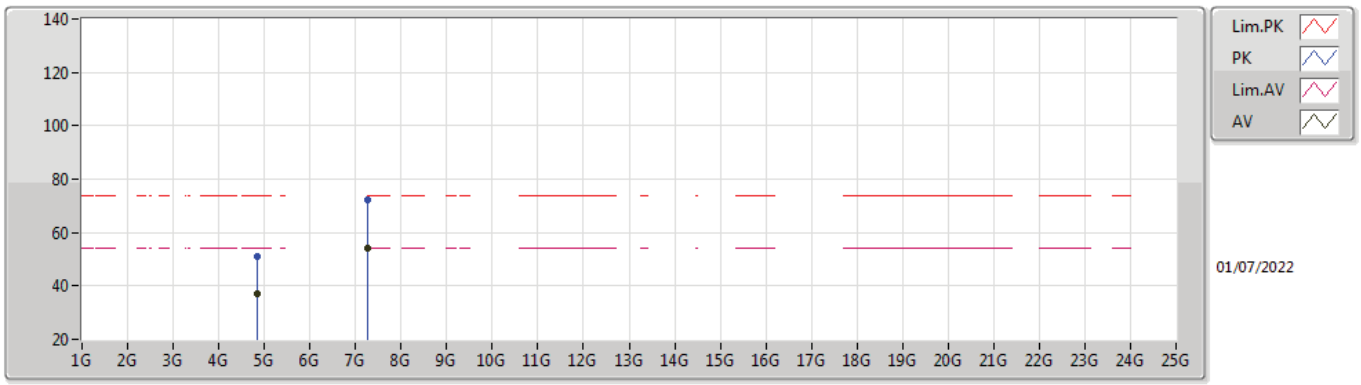
2417MHz_TX



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	4.84116G	32.23	54.00	-21.77	8.09	3	Vertical	337	3.00	-	24.14	32.58	9.69	34.18
AV	7.25007G	53.18	54.00	-0.82	13.51	3	Vertical	78	1.69	-	39.67	36.70	11.31	34.50
PK	4.83048G	45.96	74.00	-28.04	8.06	3	Vertical	337	3.00	-	37.90	32.56	9.68	34.18
PK	7.25022G	71.18	74.00	-2.82	13.51	3	Vertical	78	1.69	-	57.67	36.70	11.31	34.50

802.11ax HEW20_Nss1,(MCS0)_2TX

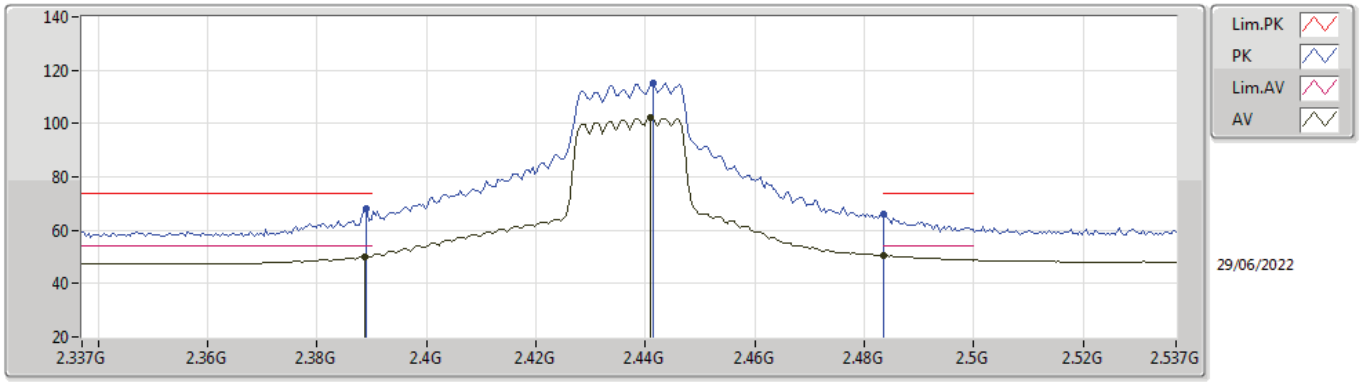
2417MHz_TX



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	4.8336G	37.20	54.00	-16.80	8.07	3	Horizontal	348	1.91	-	29.13	32.57	9.68	34.18
AV	7.2506G	53.90	54.00	-0.10	13.51	3	Horizontal	34	1.89	-	40.39	36.70	11.31	34.50
PK	4.83272G	51.20	74.00	-22.80	8.07	3	Horizontal	348	1.91	-	43.13	32.57	9.68	34.18
PK	7.25049G	72.00	74.00	-2.00	13.51	3	Horizontal	34	1.89	-	58.49	36.70	11.31	34.50

802.11ax HEW20_Nss1,(MCS0)_2TX

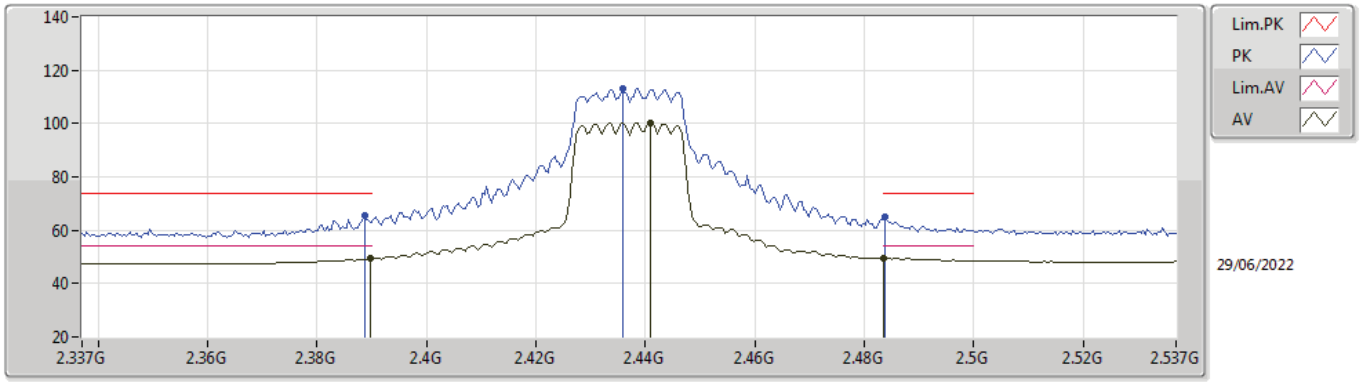
2437MHz_TX



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	2.3886G	50.15	54.00	-3.85	35.56	3	Vertical	291	2.05	-	14.59	27.28	8.28	-
AV	2.441G	102.15	Inf	-Inf	35.78	3	Vertical	291	2.05	-	66.37	27.46	8.32	-
AV	2.4835G	50.55	54.00	-3.45	36.04	3	Vertical	291	2.05	-	14.51	27.70	8.34	-
PK	2.389G	68.14	74.00	-5.86	35.56	3	Vertical	291	2.05	-	32.58	27.28	8.28	-
PK	2.4414G	115.09	Inf	-Inf	35.79	3	Vertical	291	2.05	-	79.30	27.47	8.32	-
PK	2.4835G	65.95	74.00	-8.05	36.04	3	Vertical	291	2.05	-	29.91	27.70	8.34	-

802.11ax HEW20_Nss1,(MCS0)_2TX

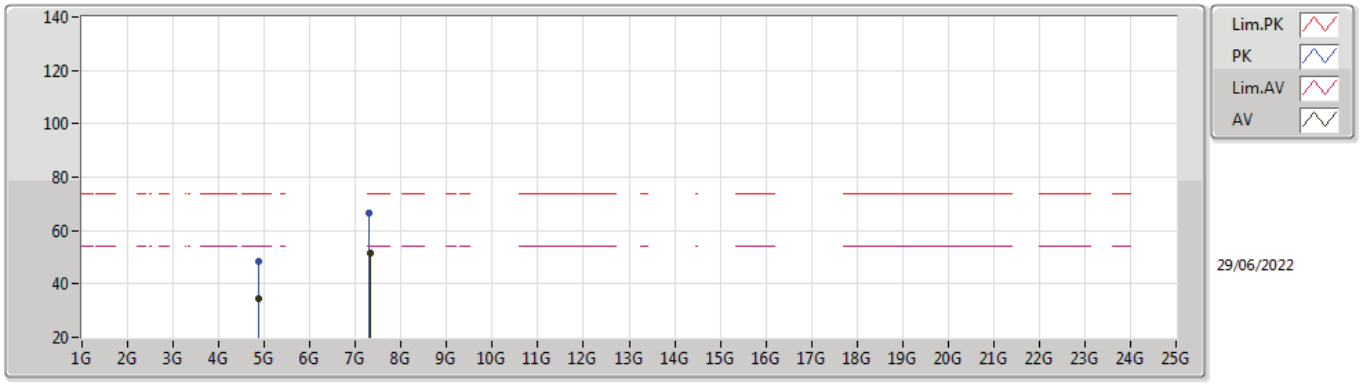
2437MHz_TX



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	2.3898G	49.23	54.00	-4.77	35.56	3	Horizontal	66	1.81	-	13.67	27.28	8.28	-
AV	2.441G	100.20	Inf	-Inf	35.78	3	Horizontal	66	1.81	-	64.42	27.46	8.32	-
AV	2.4835G	49.55	54.00	-4.45	36.04	3	Horizontal	66	1.81	-	13.51	27.70	8.34	-
PK	2.3886G	65.38	74.00	-8.62	35.56	3	Horizontal	66	1.81	-	29.82	27.28	8.28	-
PK	2.4358G	113.11	Inf	-Inf	35.75	3	Horizontal	66	1.81	-	77.36	27.44	8.31	-
PK	2.4838G	65.17	74.00	-8.83	36.04	3	Horizontal	66	1.81	-	29.13	27.70	8.34	-

802.11ax HEW20_Nss1,(MCS0)_2TX

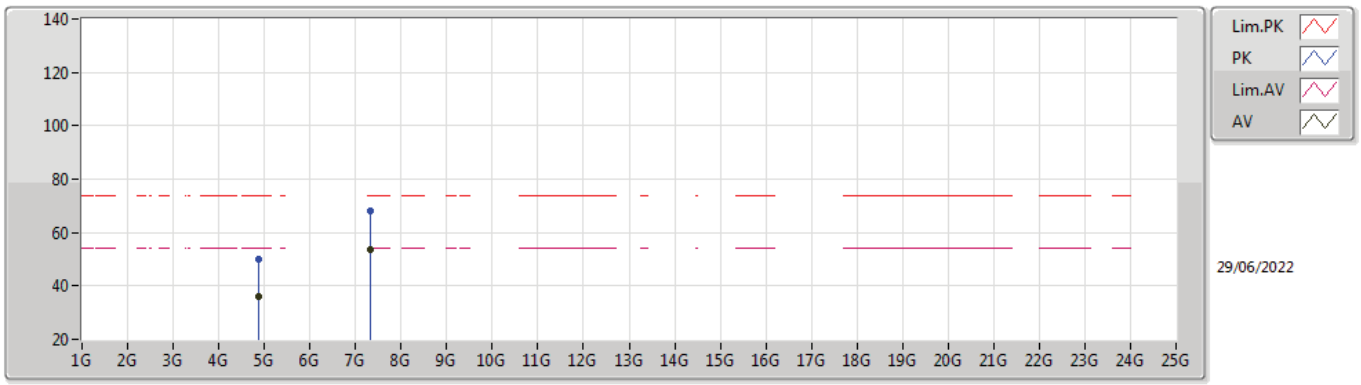
2437MHz_TX



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	4.87376G	34.42	54.00	-19.58	8.19	3	Vertical	324	2.97	-	26.23	32.65	9.70	34.16
AV	7.31124G	51.55	54.00	-2.45	13.44	3	Vertical	76	1.81	-	38.11	36.62	11.32	34.50
PK	4.87376G	48.64	74.00	-25.36	8.19	3	Vertical	324	2.97	-	40.45	32.65	9.70	34.16
PK	7.30194G	66.58	74.00	-7.42	13.42	3	Vertical	76	1.81	-	53.16	36.60	11.32	34.50

802.11ax HEW20_Nss1,(MCS0)_2TX

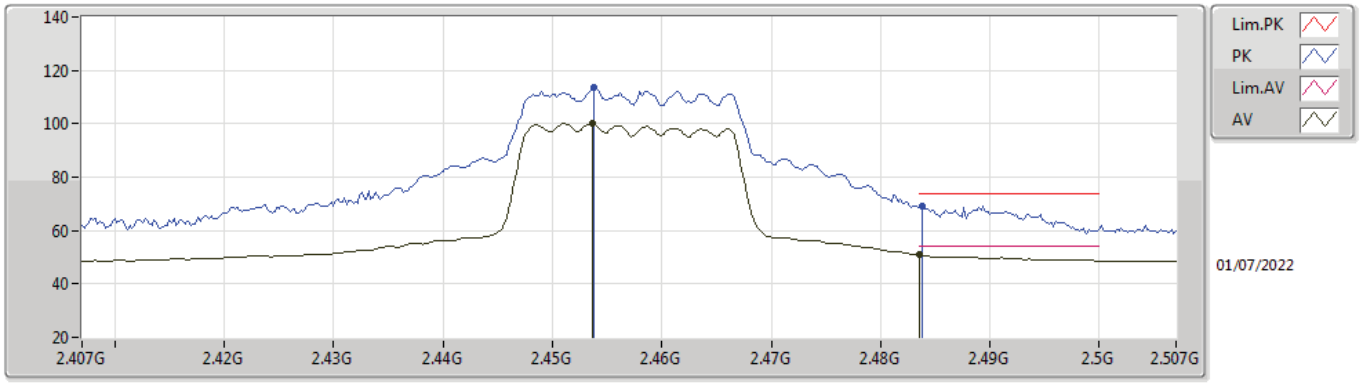
2437MHz_TX



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	4.87376G	35.92	54.00	-18.08	8.19	3	Horizontal	337	1.82	-	27.73	32.65	9.70	34.16
AV	7.31112G	53.62	54.00	-0.38	13.44	3	Horizontal	320	2.39	-	40.18	36.62	11.32	34.50
PK	4.87358G	49.81	74.00	-24.19	8.19	3	Horizontal	337	1.82	-	41.62	32.65	9.70	34.16
PK	7.31856G	68.28	74.00	-5.72	13.46	3	Horizontal	320	2.39	-	54.82	36.64	11.32	34.50

802.11ax HEW20_Nss1,(MCS0)_2TX

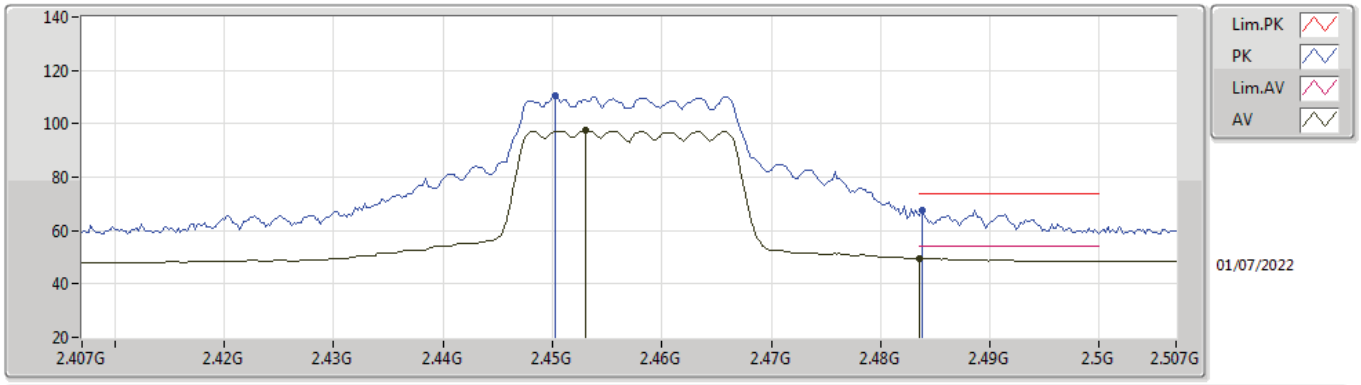
2457MHz_TX



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	2.4536G	99.94	Inf	-Inf	35.84	3	Vertical	326	1.79	-	64.10	27.52	8.32	-
AV	2.4835G	50.92	54.00	-3.08	36.04	3	Vertical	326	1.79	-	14.88	27.70	8.34	-
PK	2.4538G	113.60	Inf	-Inf	35.84	3	Vertical	326	1.79	-	77.76	27.52	8.32	-
PK	2.4838G	69.03	74.00	-4.97	36.04	3	Vertical	326	1.79	-	32.99	27.70	8.34	-

802.11ax HEW20_Nss1,(MCS0)_2TX

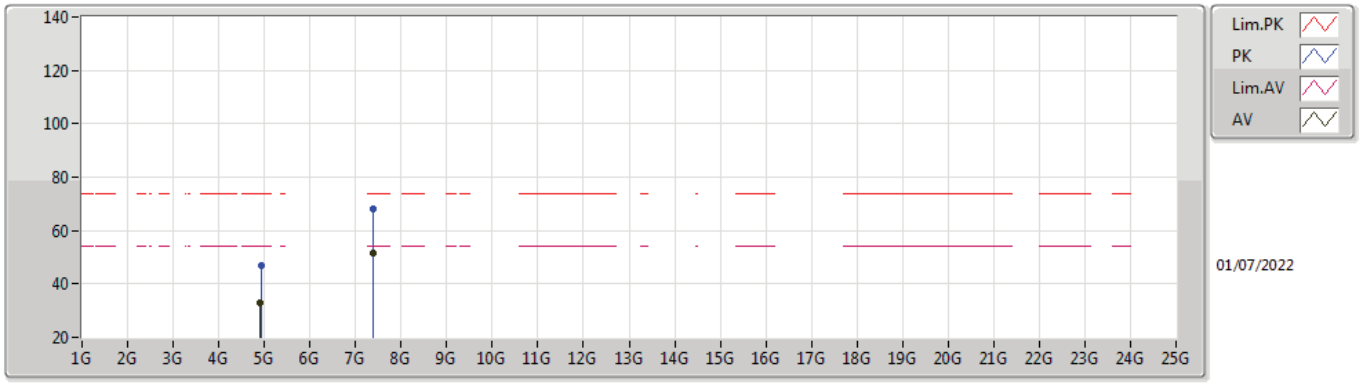
2457MHz_TX



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	2.453G	97.48	Inf	-Inf	35.84	3	Horizontal	59	1.13	-	61.64	27.52	8.32	-
AV	2.4835G	49.64	54.00	-4.36	36.04	3	Horizontal	59	1.13	-	13.60	27.70	8.34	-
PK	2.4502G	110.36	Inf	-Inf	35.82	3	Horizontal	59	1.13	-	74.54	27.50	8.32	-
PK	2.4838G	67.69	74.00	-6.31	36.04	3	Horizontal	59	1.13	-	31.65	27.70	8.34	-

802.11ax HEW20_Nss1,(MCS0)_2TX

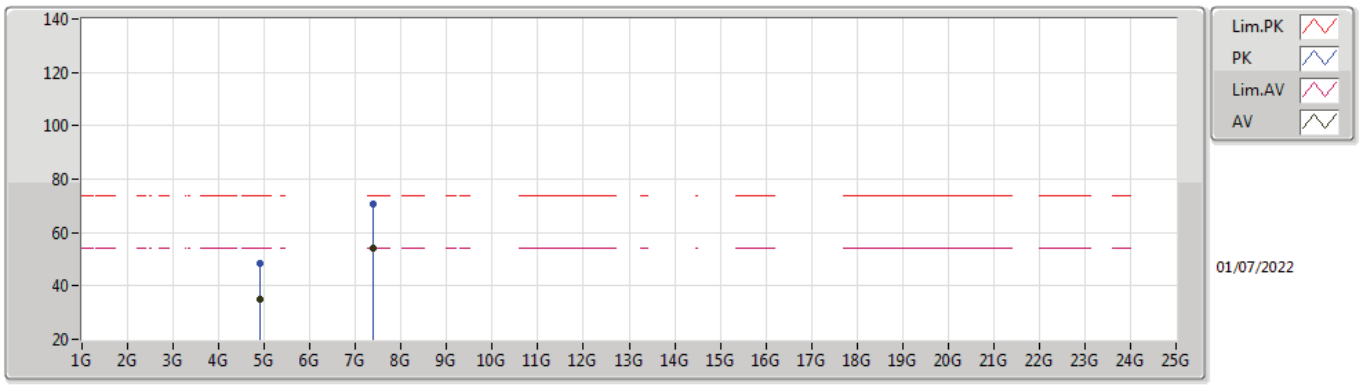
2457MHz_TX



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	4.91388G	33.04	54.00	-20.96	8.34	3	Vertical	341	2.92	-	24.70	32.76	9.72	34.14
AV	7.37286G	51.40	54.00	-2.60	13.40	3	Vertical	80	1.58	-	38.00	36.56	11.33	34.49
PK	4.91946G	47.03	74.00	-26.97	8.36	3	Vertical	341	2.92	-	38.67	32.78	9.72	34.14
PK	7.37562G	68.29	74.00	-5.71	13.40	3	Vertical	80	1.58	-	54.89	36.55	11.34	34.49

802.11ax HEW20_Nss1,(MCS0)_2TX

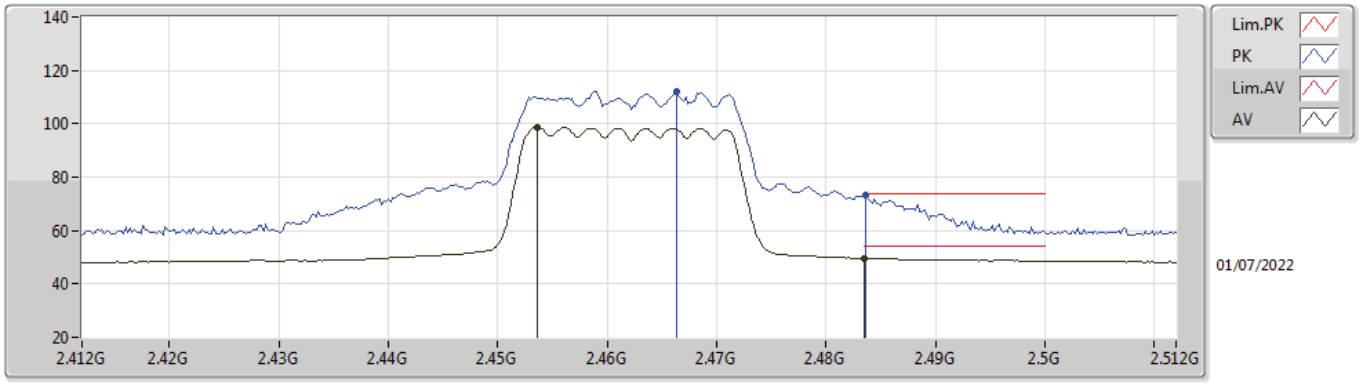
2457MHz_TX



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	4.914G	34.80	54.00	-19.20	8.34	3	Horizontal	335	1.67	-	26.46	32.76	9.72	34.14
AV	7.37256G	53.88	54.00	-0.12	13.40	3	Horizontal	320	2.34	-	40.48	36.56	11.33	34.49
PK	4.90956G	48.50	74.00	-25.50	8.31	3	Horizontal	335	1.67	-	40.19	32.74	9.71	34.14
PK	7.37754G	70.84	74.00	-3.16	13.38	3	Horizontal	320	2.34	-	57.46	36.53	11.34	34.49

802.11ax HEW20_Nss1,(MCS0)_2TX

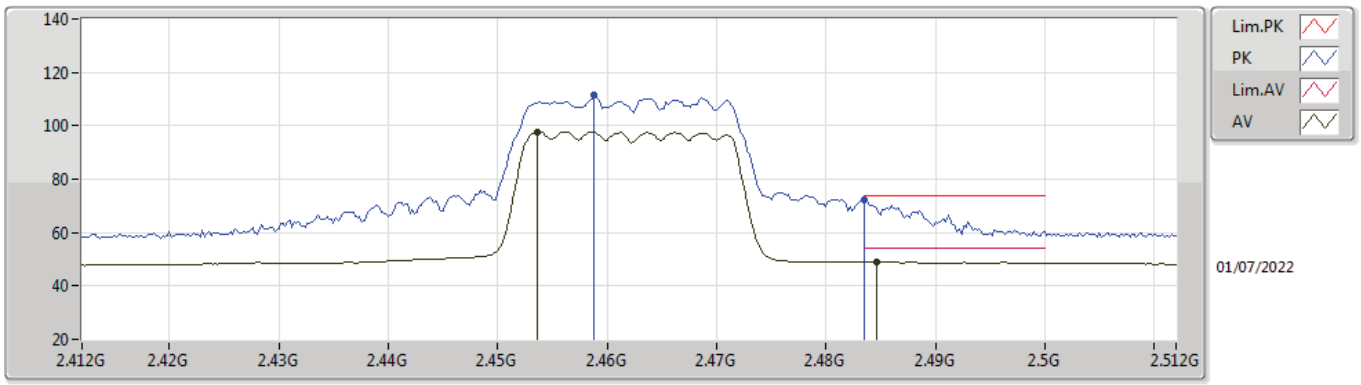
2462MHz_TX



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	2.4536G	98.68	Inf	-Inf	35.84	3	Vertical	14	1.77	-	62.84	27.52	8.32	-
AV	2.4835G	49.60	54.00	-4.40	36.04	3	Vertical	14	1.77	-	13.56	27.70	8.34	-
PK	2.4664G	112.09	Inf	-Inf	35.93	3	Vertical	14	1.77	-	76.16	27.60	8.33	-
PK	2.4836G	73.15	74.00	-0.85	36.04	3	Vertical	14	1.77	-	37.11	27.70	8.34	-

802.11ax HEW20_Nss1,(MCS0)_2TX

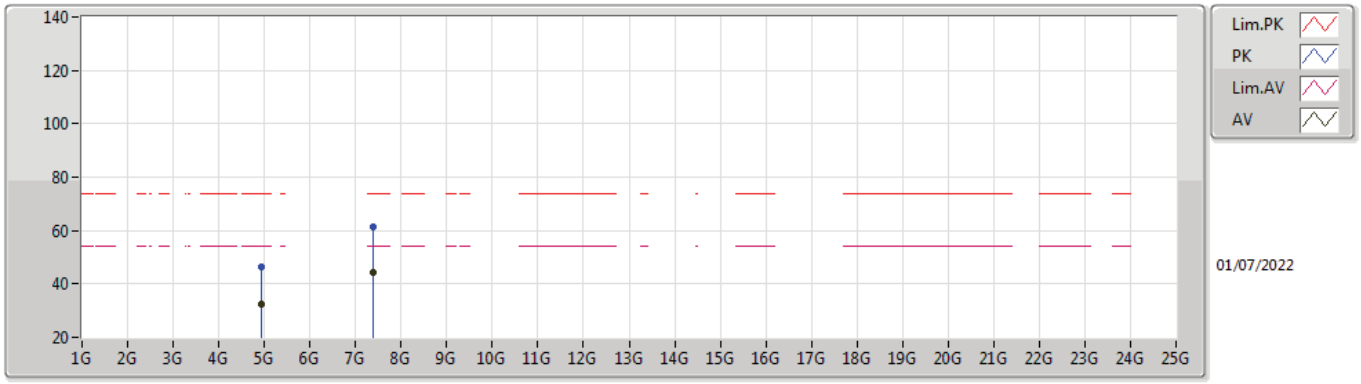
2462MHz_TX



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	2.4536G	97.71	Inf	-Inf	35.84	3	Horizontal	134	2.10	-	61.87	27.52	8.32	-
AV	2.4846G	48.87	54.00	-5.13	36.05	3	Horizontal	134	2.10	-	12.82	27.71	8.34	-
PK	2.4588G	111.44	Inf	-Inf	35.88	3	Horizontal	134	2.10	-	75.56	27.55	8.33	-
PK	2.4835G	72.04	74.00	-1.96	36.04	3	Horizontal	134	2.10	-	36.00	27.70	8.34	-

802.11ax HEW20_Nss1,(MCS0)_2TX

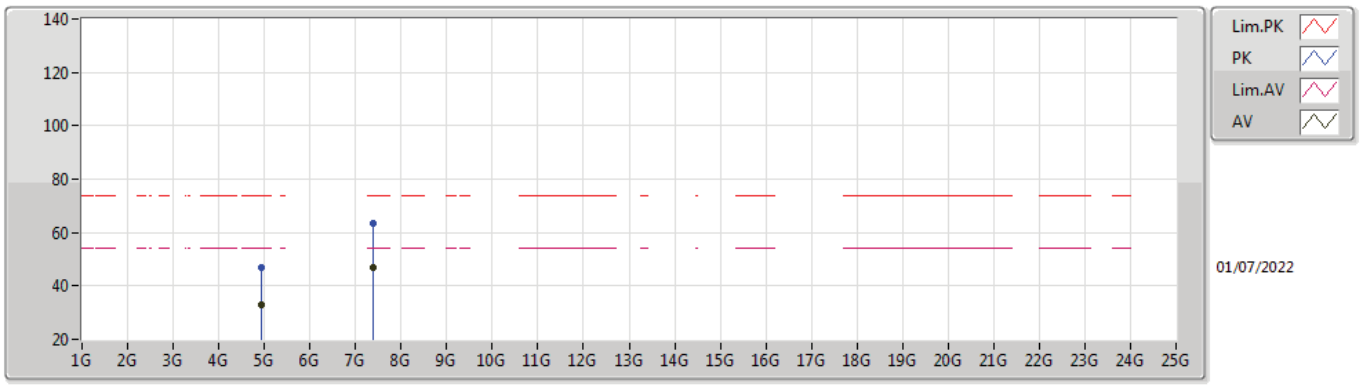
2462MHz_TX



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	4.92388G	32.17	54.00	-21.83	8.38	3	Vertical	6	1.50	-	23.79	32.80	9.72	34.14
AV	7.38672G	44.36	54.00	-9.64	13.33	3	Vertical	138	1.68	-	31.03	36.48	11.34	34.49
PK	4.92884G	46.35	74.00	-27.65	8.41	3	Vertical	6	1.50	-	37.94	32.82	9.72	34.13
PK	7.38936G	61.58	74.00	-12.42	13.31	3	Vertical	138	1.68	-	48.27	36.46	11.34	34.49

802.11ax HEW20_Nss1,(MCS0)_2TX

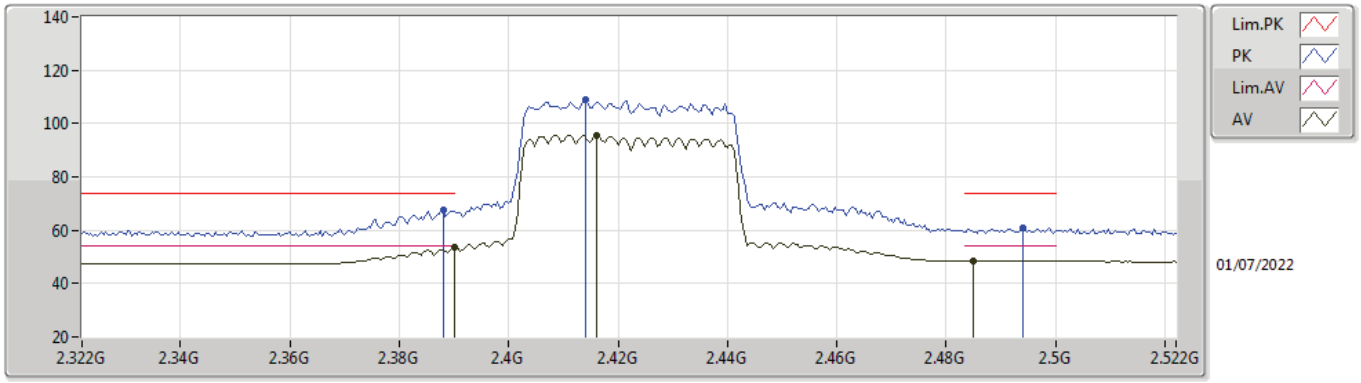
2462MHz_TX



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	4.92384G	32.99	54.00	-21.01	8.38	3	Horizontal	30	1.50	-	24.61	32.80	9.72	34.14
AV	7.38396G	47.05	54.00	-6.95	13.35	3	Horizontal	22	2.03	-	33.70	36.50	11.34	34.49
PK	4.92688G	46.75	74.00	-27.25	8.39	3	Horizontal	30	1.50	-	38.36	32.81	9.72	34.14
PK	7.38928G	63.43	74.00	-10.57	13.31	3	Horizontal	22	2.03	-	50.12	36.46	11.34	34.49

802.11ax HEW40_Nss1,(MCS0)_2TX

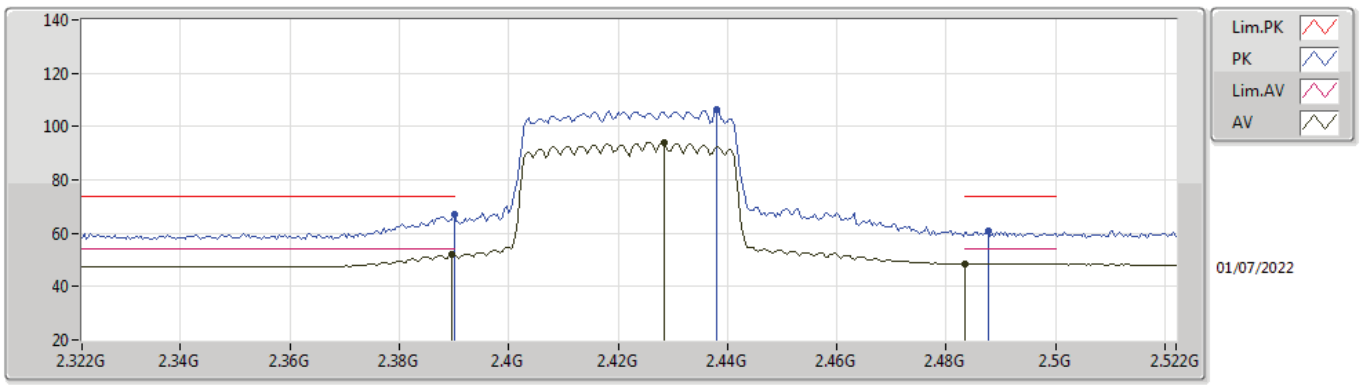
2422MHz_TX



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	2.39G	53.53	54.00	-0.47	35.56	3	Vertical	311	2.26	-	17.97	27.28	8.28	-
AV	2.416G	95.54	Inf	-Inf	35.66	3	Vertical	311	2.26	-	59.88	27.36	8.30	-
AV	2.4848G	48.60	54.00	-5.40	36.06	3	Vertical	311	2.26	-	12.54	27.71	8.35	-
PK	2.388G	67.75	74.00	-6.25	35.56	3	Vertical	311	2.26	-	32.19	27.28	8.28	-
PK	2.414G	109.21	Inf	-Inf	35.66	3	Vertical	311	2.26	-	73.55	27.36	8.30	-
PK	2.494G	61.07	74.00	-12.93	36.11	3	Vertical	311	2.26	-	24.96	27.76	8.35	-

802.11ax HEW40_Nss1,(MCS0)_2TX

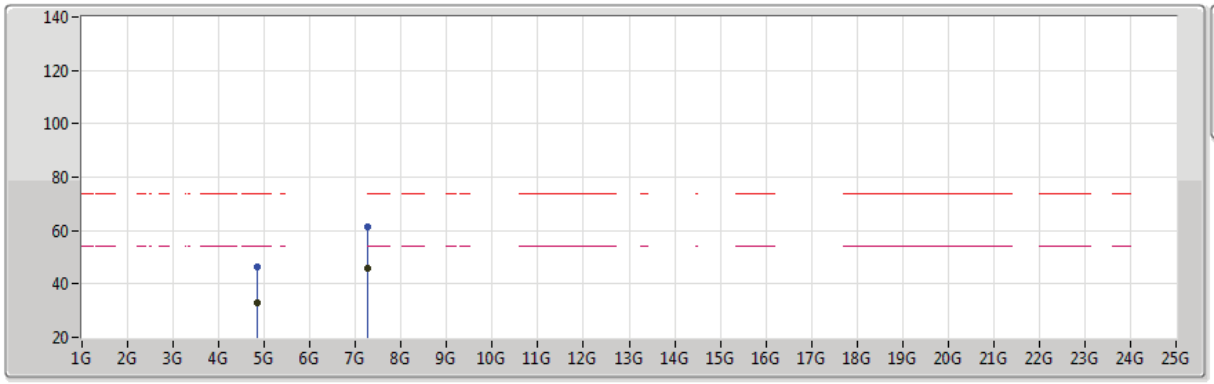
2422MHz_TX



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	51.84	54.00	-2.16	35.56	3	Horizontal	60	1.01	-	16.28	27.28	8.28	-
AV	2.4284G	94.01	Inf	-Inf	35.72	3	Horizontal	60	1.01	-	58.29	27.41	8.31	-
AV	2.4835G	48.48	54.00	-5.52	36.04	3	Horizontal	60	1.01	-	12.44	27.70	8.34	-
PK	2.39G	66.93	74.00	-7.07	35.56	3	Horizontal	60	1.01	-	31.37	27.28	8.28	-
PK	2.438G	106.34	Inf	-Inf	35.76	3	Horizontal	60	1.01	-	70.58	27.45	8.31	-
PK	2.4876G	60.90	74.00	-13.10	36.08	3	Horizontal	60	1.01	-	24.82	27.73	8.35	-

802.11ax HEW40_Nss1,(MCS0)_2TX

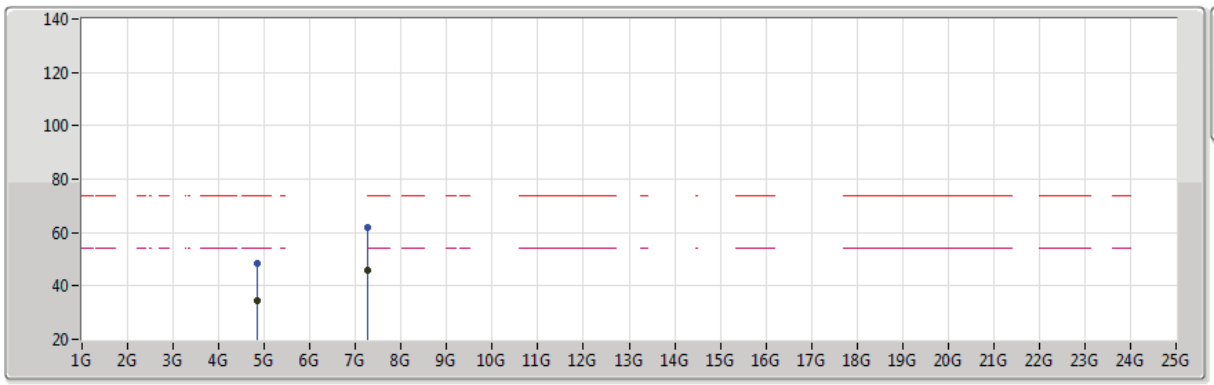
2422MHz_TX



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	4.84384G	32.73	54.00	-21.27	8.11	3	Vertical	297	1.72	-	24.62	32.59	9.69	34.17
AV	7.26024G	45.97	54.00	-8.03	13.49	3	Vertical	77	1.68	-	32.48	36.68	11.31	34.50
PK	4.8532G	46.51	74.00	-27.49	8.13	3	Vertical	297	1.72	-	38.38	32.61	9.69	34.17
PK	7.26208G	61.42	74.00	-12.58	13.49	3	Vertical	77	1.68	-	47.93	36.68	11.31	34.50

802.11ax HEW40_Nss1,(MCS0)_2TX

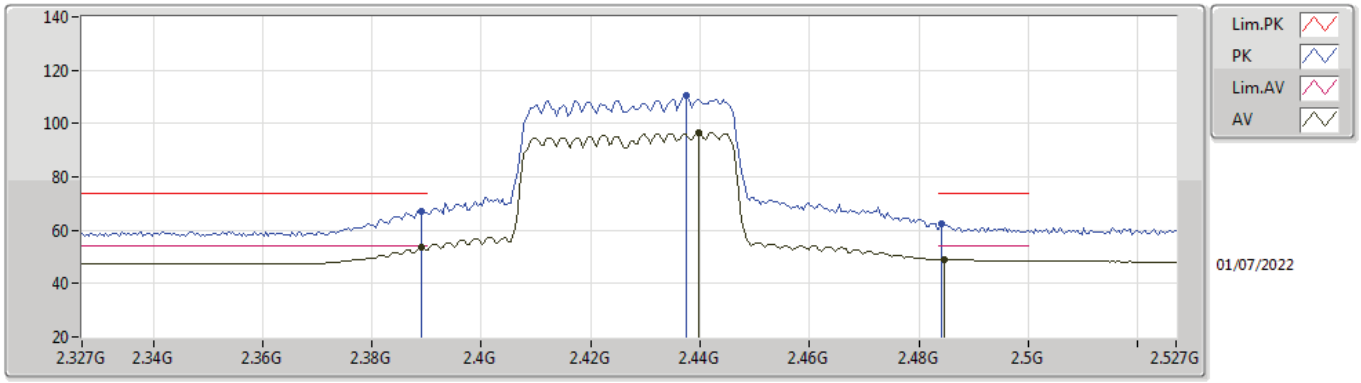
2422MHz_TX



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	4.84368G	34.50	54.00	-19.50	8.10	3	Horizontal	348	1.80	-	26.40	32.59	9.69	34.18
AV	7.256G	46.08	54.00	-7.92	13.50	3	Horizontal	42	1.74	-	32.58	36.69	11.31	34.50
PK	4.84776G	48.35	74.00	-25.65	8.12	3	Horizontal	348	1.80	-	40.23	32.60	9.69	34.17
PK	7.26576G	61.79	74.00	-12.21	13.48	3	Horizontal	42	1.74	-	48.31	36.67	11.31	34.50

802.11ax HEW40_Nss1,(MCS0)_2TX

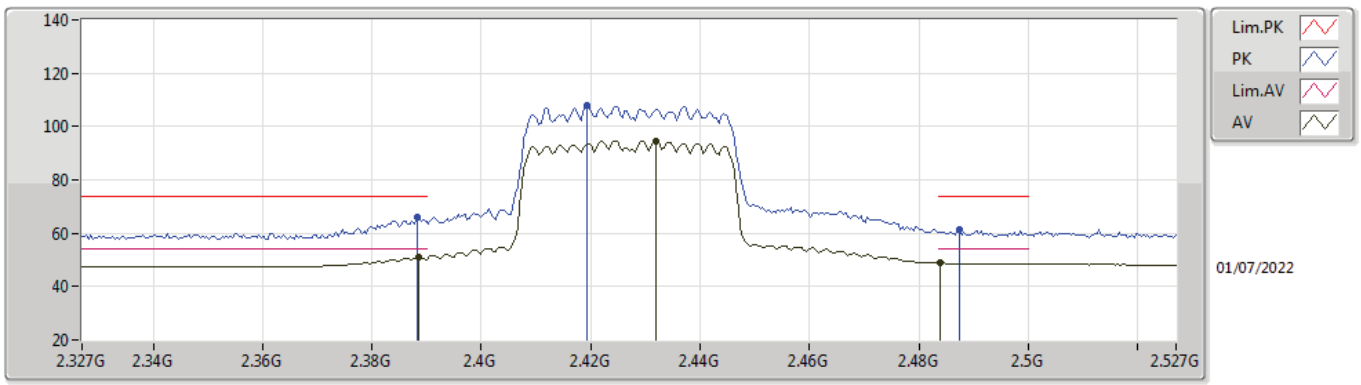
2427MHz_TX



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	2.389G	53.51	54.00	-0.49	35.56	3	Vertical	312	2.02	-	17.95	27.28	8.28	-
AV	2.4398G	96.59	Inf	-Inf	35.78	3	Vertical	312	2.02	-	60.81	27.46	8.32	-
AV	2.4846G	48.87	54.00	-5.13	36.05	3	Vertical	312	2.02	-	12.82	27.71	8.34	-
PK	2.389G	67.14	74.00	-6.86	35.56	3	Vertical	312	2.02	-	31.58	27.28	8.28	-
PK	2.4374G	110.31	Inf	-Inf	35.76	3	Vertical	312	2.02	-	74.55	27.45	8.31	-
PK	2.4842G	62.42	74.00	-11.58	36.05	3	Vertical	312	2.02	-	26.37	27.71	8.34	-

802.11ax HEW40_Nss1,(MCS0)_2TX

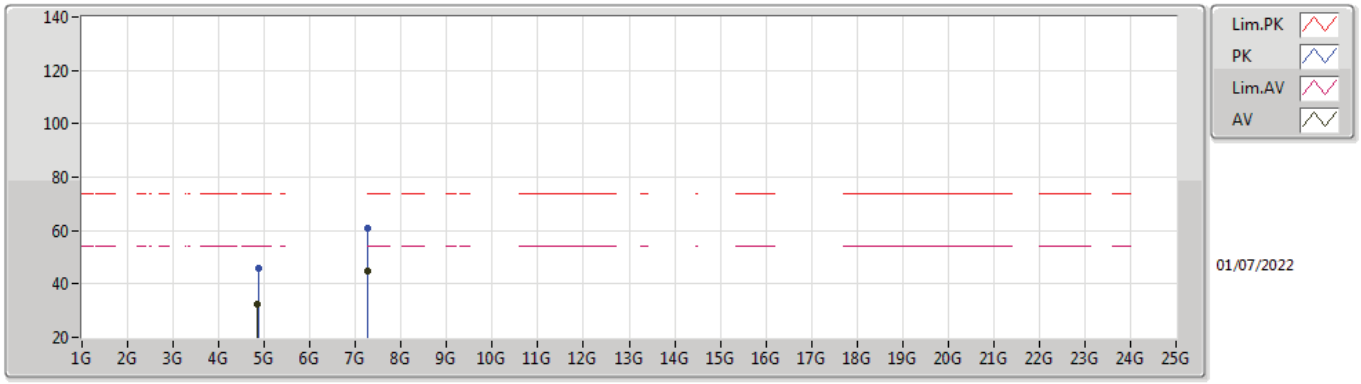
2427MHz_TX



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	2.3886G	51.21	54.00	-2.79	35.56	3	Horizontal	60	1.01	-	15.65	27.28	8.28	-
AV	2.4318G	94.44	Inf	-Inf	35.74	3	Horizontal	60	1.01	-	58.70	27.43	8.31	-
AV	2.4838G	48.80	54.00	-5.20	36.04	3	Horizontal	60	1.01	-	12.76	27.70	8.34	-
PK	2.3882G	65.81	74.00	-8.19	35.56	3	Horizontal	60	1.01	-	30.25	27.28	8.28	-
PK	2.4194G	107.79	Inf	-Inf	35.68	3	Horizontal	60	1.01	-	72.11	27.38	8.30	-
PK	2.4874G	61.25	74.00	-12.75	36.07	3	Horizontal	60	1.01	-	25.18	27.72	8.35	-

802.11ax HEW40_Nss1,(MCS0)_2TX

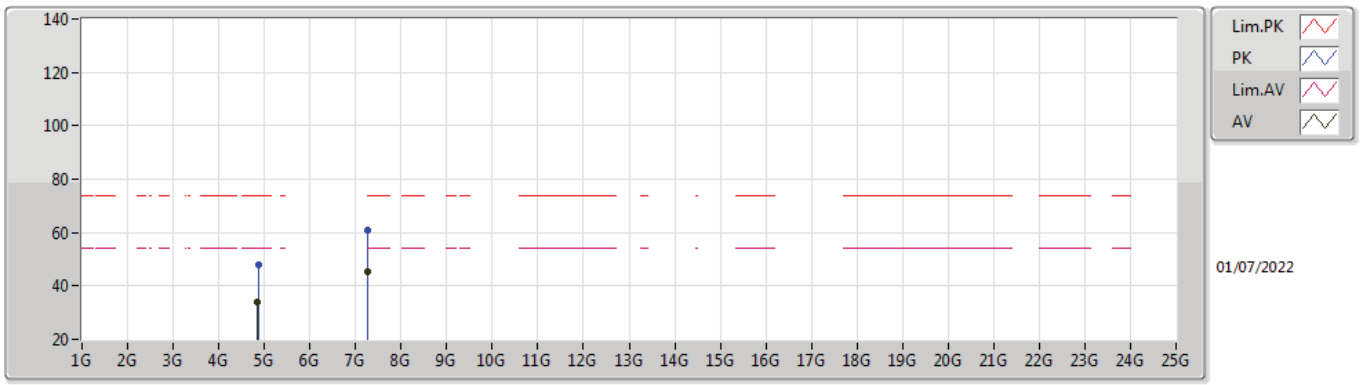
2427MHz_TX



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	4.84872G	32.31	54.00	-21.69	8.12	3	Vertical	311	1.30	-	24.19	32.60	9.69	34.17
AV	7.27508G	45.01	54.00	-8.99	13.47	3	Vertical	80	1.66	-	31.54	36.65	11.32	34.50
PK	4.8624G	45.88	74.00	-28.12	8.14	3	Vertical	311	1.30	-	37.74	32.62	9.69	34.17
PK	7.26732G	60.63	74.00	-13.37	13.48	3	Vertical	80	1.66	-	47.15	36.67	11.31	34.50

802.11ax HEW40_Nss1,(MCS0)_2TX

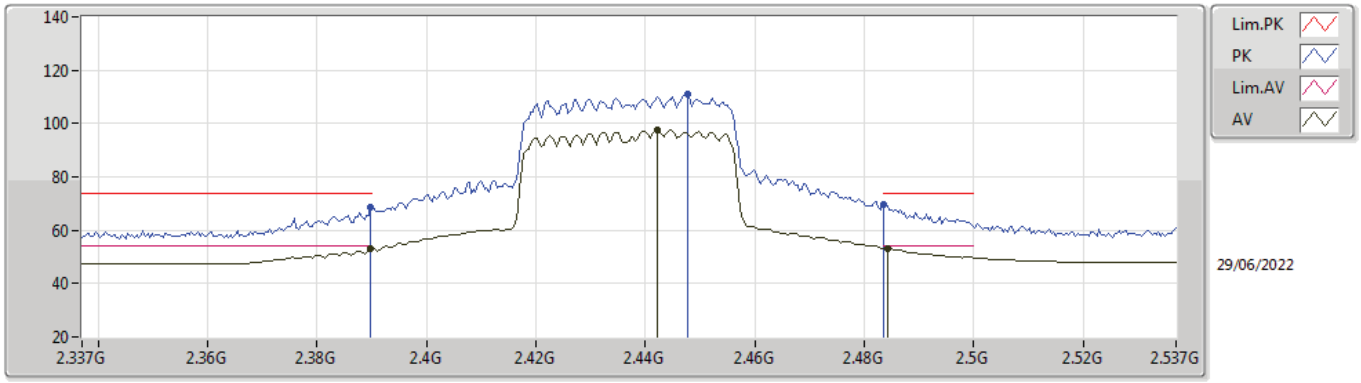
2427MHz_TX



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	4.85368G	33.86	54.00	-20.14	8.13	3	Horizontal	345	2.04	-	25.73	32.61	9.69	34.17
AV	7.27084G	45.57	54.00	-8.43	13.47	3	Horizontal	40	1.81	-	32.10	36.66	11.31	34.50
PK	4.86368G	47.85	74.00	-26.15	8.16	3	Horizontal	345	2.04	-	39.69	32.63	9.70	34.17
PK	7.26572G	60.83	74.00	-13.17	13.48	3	Horizontal	40	1.81	-	47.35	36.67	11.31	34.50

802.11ax HEW40_Nss1,(MCS0)_2TX

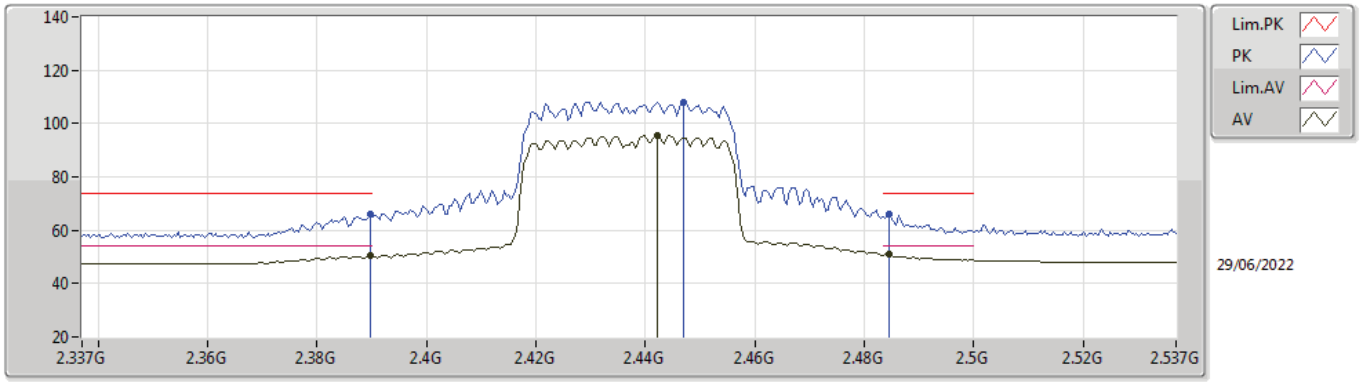
2437MHz_TX



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	2.3898G	53.07	54.00	-0.93	35.56	3	Vertical	300	2.04	-	17.51	27.28	8.28	-
AV	2.4422G	97.62	Inf	-Inf	35.79	3	Vertical	300	2.04	-	61.83	27.47	8.32	-
AV	2.4842G	53.32	54.00	-0.68	36.05	3	Vertical	300	2.04	-	17.27	27.71	8.34	-
PK	2.3898G	68.65	74.00	-5.35	35.56	3	Vertical	300	2.04	-	33.09	27.28	8.28	-
PK	2.4478G	110.80	Inf	-Inf	35.81	3	Vertical	300	2.04	-	74.99	27.49	8.32	-
PK	2.4835G	69.82	74.00	-4.18	36.04	3	Vertical	300	2.04	-	33.78	27.70	8.34	-

802.11ax HEW40_Nss1,(MCS0)_2TX

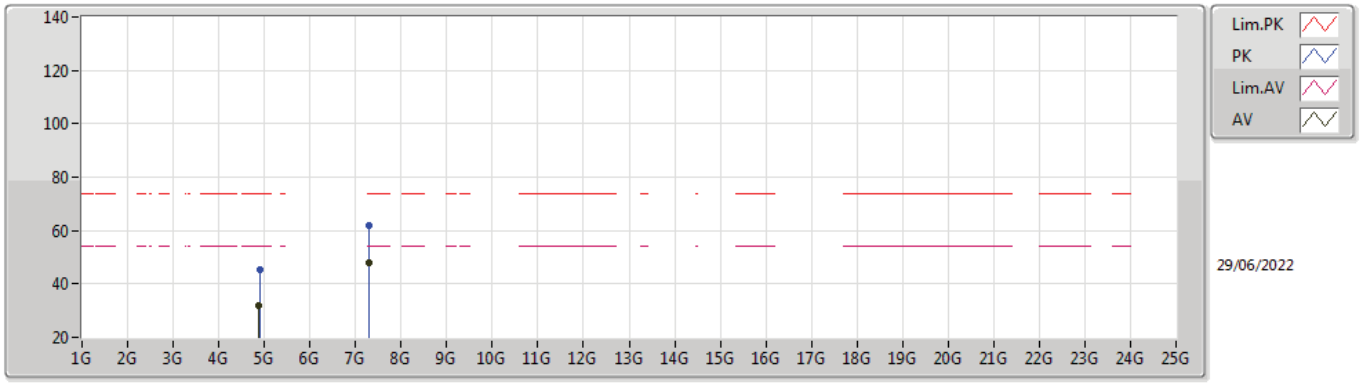
2437MHz_TX



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	2.3898G	50.41	54.00	-3.59	35.56	3	Horizontal	62	1.42	-	14.85	27.28	8.28	-
AV	2.4422G	95.66	Inf	-Inf	35.79	3	Horizontal	62	1.42	-	59.87	27.47	8.32	-
AV	2.4846G	50.95	54.00	-3.05	36.05	3	Horizontal	62	1.42	-	14.90	27.71	8.34	-
PK	2.3898G	66.13	74.00	-7.87	35.56	3	Horizontal	62	1.42	-	30.57	27.28	8.28	-
PK	2.447G	108.09	Inf	-Inf	35.81	3	Horizontal	62	1.42	-	72.28	27.49	8.32	-
PK	2.4846G	66.27	74.00	-7.73	36.05	3	Horizontal	62	1.42	-	30.22	27.71	8.34	-

802.11ax HEW40_Nss1,(MCS0)_2TX

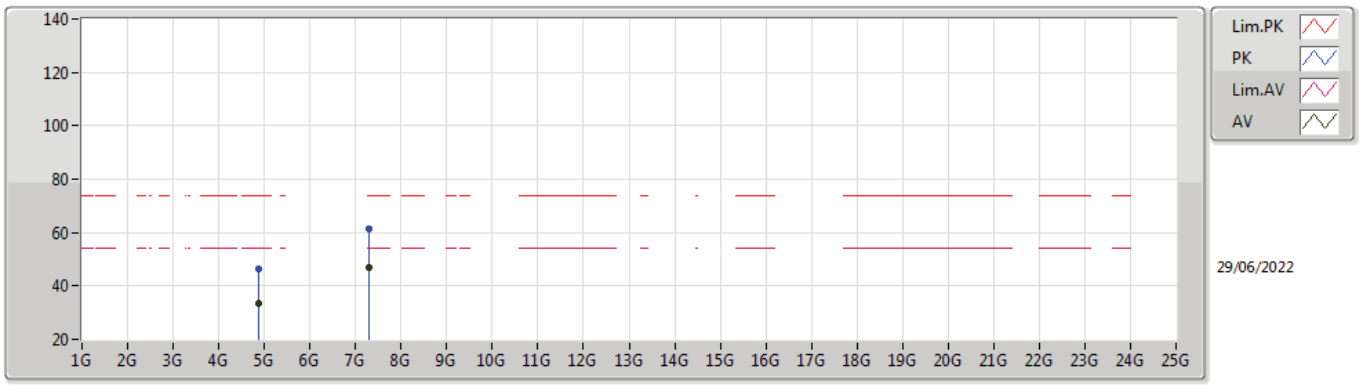
2437MHz_TX



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	4.86128G	31.96	54.00	-22.04	8.14	3	Vertical	295	1.50	-	23.82	32.62	9.69	34.17
AV	7.295G	47.68	54.00	-6.32	13.43	3	Vertical	70	1.77	-	34.25	36.61	11.32	34.50
PK	4.89344G	45.10	74.00	-28.90	8.25	3	Vertical	295	1.50	-	36.85	32.69	9.71	34.15
PK	7.295G	61.67	74.00	-12.33	13.43	3	Vertical	70	1.77	-	48.24	36.61	11.32	34.50

802.11ax HEW40_Nss1,(MCS0)_2TX

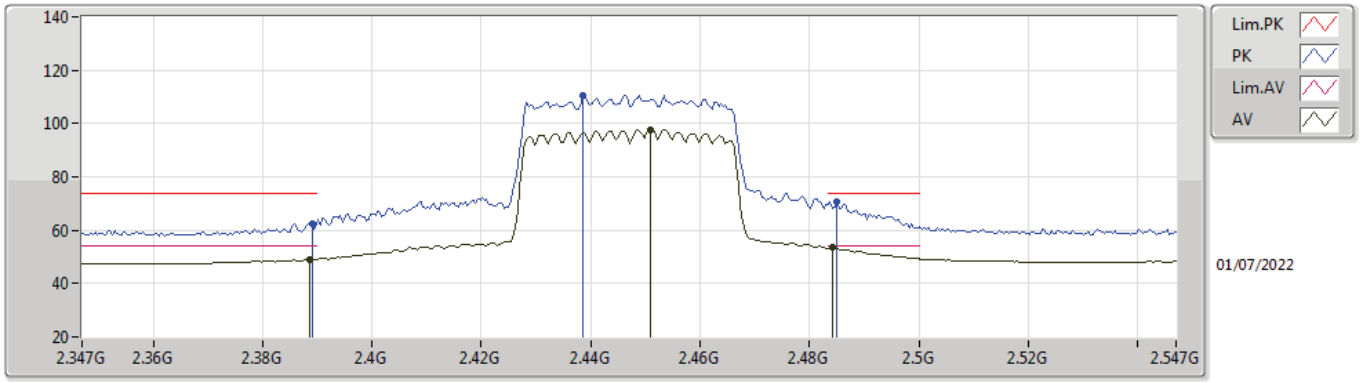
2437MHz_TX



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	4.86368G	33.28	54.00	-20.72	8.16	3	Horizontal	332	1.39	-	25.12	32.63	9.70	34.17
AV	7.29604G	46.99	54.00	-7.01	13.43	3	Horizontal	36	1.64	-	33.56	36.61	11.32	34.50
PK	4.8608G	46.36	74.00	-27.64	8.14	3	Horizontal	332	1.39	-	38.22	32.62	9.69	34.17
PK	7.29316G	61.37	74.00	-12.63	13.43	3	Horizontal	36	1.64	-	47.94	36.61	11.32	34.50

802.11ax HEW40_Nss1,(MCS0)_2TX

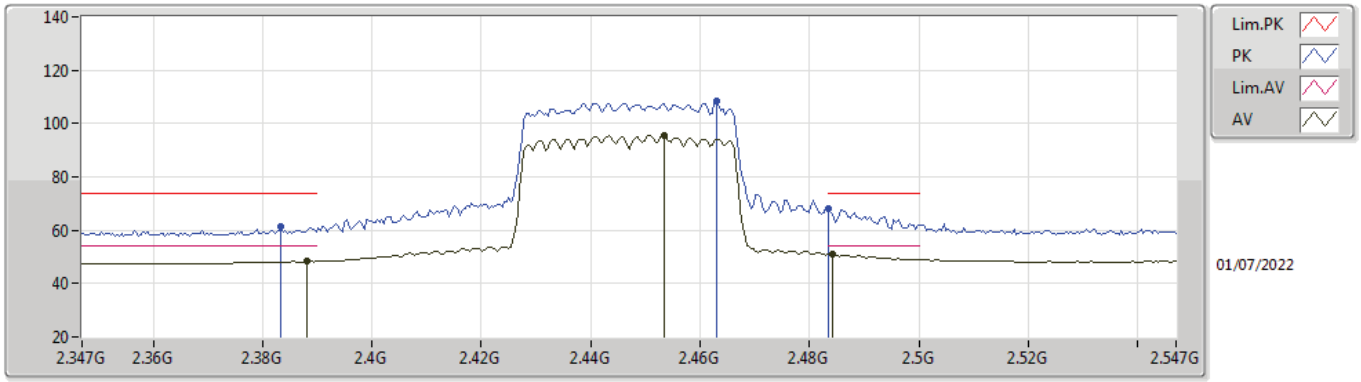
2447MHz_TX



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	2.3886G	49.00	54.00	-5.00	35.56	3	Vertical	304	2.24	-	13.44	27.28	8.28	-
AV	2.451G	97.70	Inf	-Inf	35.83	3	Vertical	304	2.24	-	61.87	27.51	8.32	-
AV	2.4842G	53.57	54.00	-0.43	36.05	3	Vertical	304	2.24	-	17.52	27.71	8.34	-
PK	2.389G	62.45	74.00	-11.55	35.56	3	Vertical	304	2.24	-	26.89	27.28	8.28	-
PK	2.4386G	110.72	Inf	-Inf	35.77	3	Vertical	304	2.24	-	74.95	27.45	8.32	-
PK	2.485G	70.65	74.00	-3.35	36.06	3	Vertical	304	2.24	-	34.59	27.71	8.35	-

802.11ax HEW40_Nss1,(MCS0)_2TX

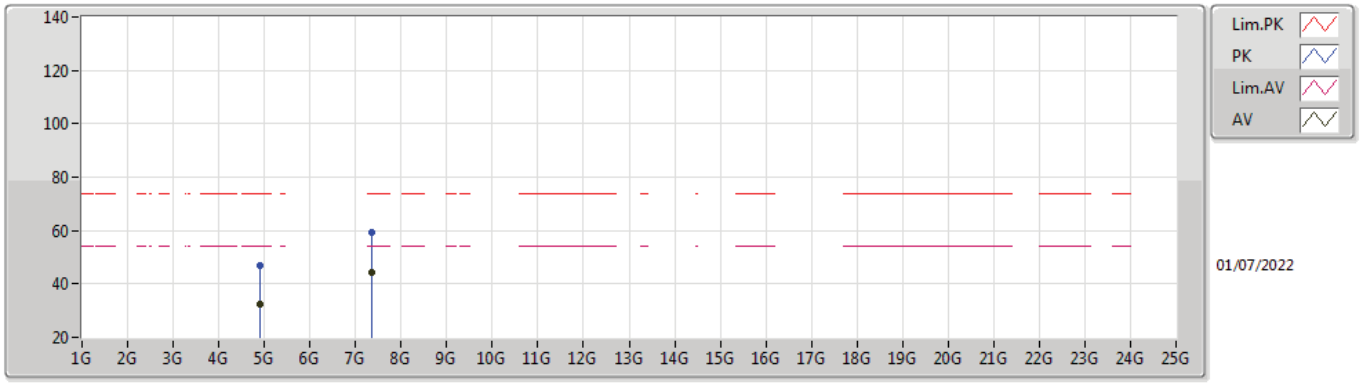
2447MHz_TX



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	2.3882G	48.25	54.00	-5.75	35.56	3	Horizontal	61	1.13	-	12.69	27.28	8.28	-
AV	2.4534G	95.59	Inf	-Inf	35.84	3	Horizontal	61	1.13	-	59.75	27.52	8.32	-
AV	2.4842G	51.26	54.00	-2.74	36.05	3	Horizontal	61	1.13	-	15.21	27.71	8.34	-
PK	2.3834G	61.20	74.00	-12.80	35.55	3	Horizontal	61	1.13	-	25.65	27.27	8.28	-
PK	2.463G	108.37	Inf	-Inf	35.91	3	Horizontal	61	1.13	-	72.46	27.58	8.33	-
PK	2.4835G	68.20	74.00	-5.80	36.04	3	Horizontal	61	1.13	-	32.16	27.70	8.34	-

802.11ax HEW40_Nss1,(MCS0)_2TX

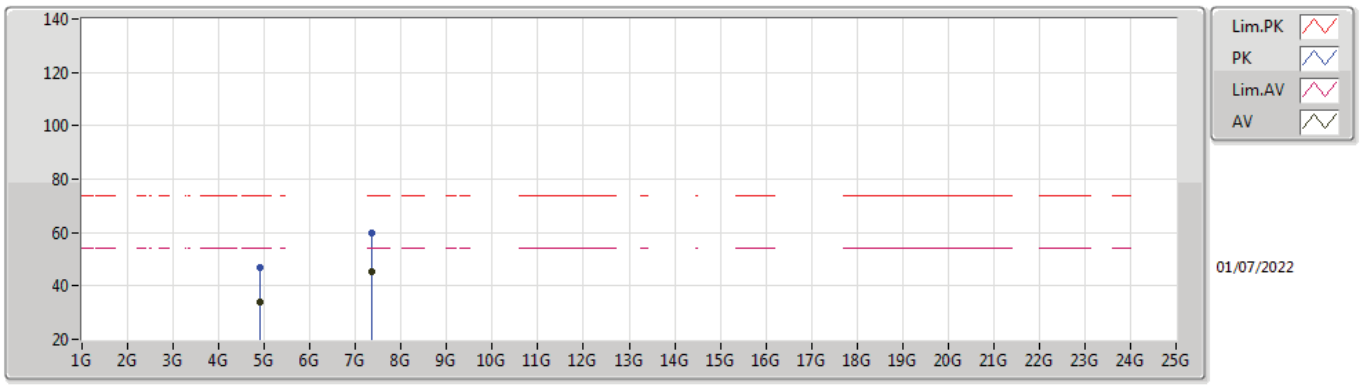
2447MHz_TX



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	4.894G	32.41	54.00	-21.59	8.25	3	Vertical	310	2.90	-	24.16	32.69	9.71	34.15
AV	7.3538G	44.20	54.00	-9.80	13.52	3	Vertical	79	1.62	-	30.68	36.68	11.33	34.49
PK	4.89648G	46.70	74.00	-27.30	8.25	3	Vertical	310	2.90	-	38.45	32.69	9.71	34.15
PK	7.3562G	59.51	74.00	-14.49	13.50	3	Vertical	79	1.62	-	46.01	36.66	11.33	34.49

802.11ax HEW40_Nss1,(MCS0)_2TX

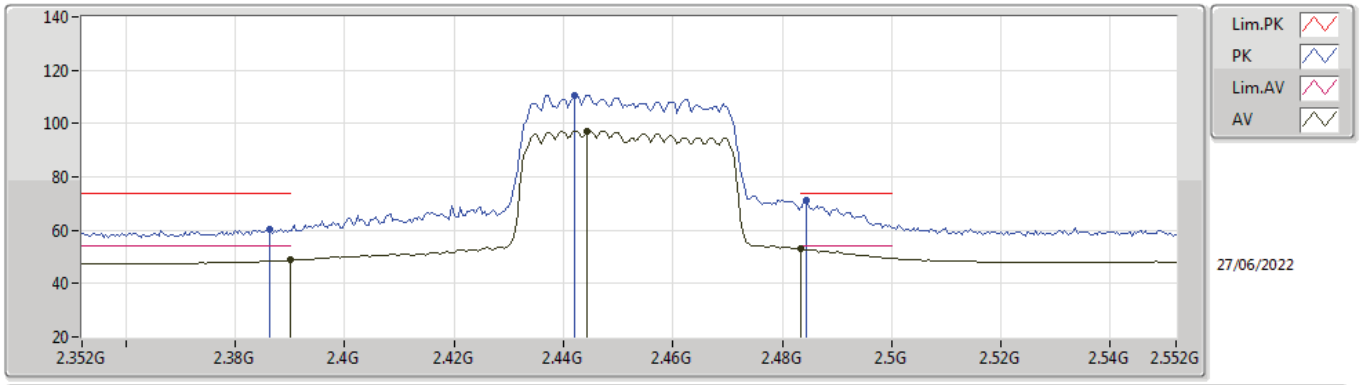
2447MHz_TX



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	4.89384G	33.71	54.00	-20.29	8.25	3	Horizontal	345	2.10	-	25.46	32.69	9.71	34.15
AV	7.35116G	45.53	54.00	-8.47	13.53	3	Horizontal	325	2.23	-	32.00	36.69	11.33	34.49
PK	4.89272G	47.12	74.00	-26.88	8.25	3	Horizontal	345	2.10	-	38.87	32.69	9.71	34.15
PK	7.3462G	59.97	74.00	-14.03	13.52	3	Horizontal	325	2.23	-	46.45	36.69	11.33	34.50

802.11ax HEW40_Nss1,(MCS0)_2TX

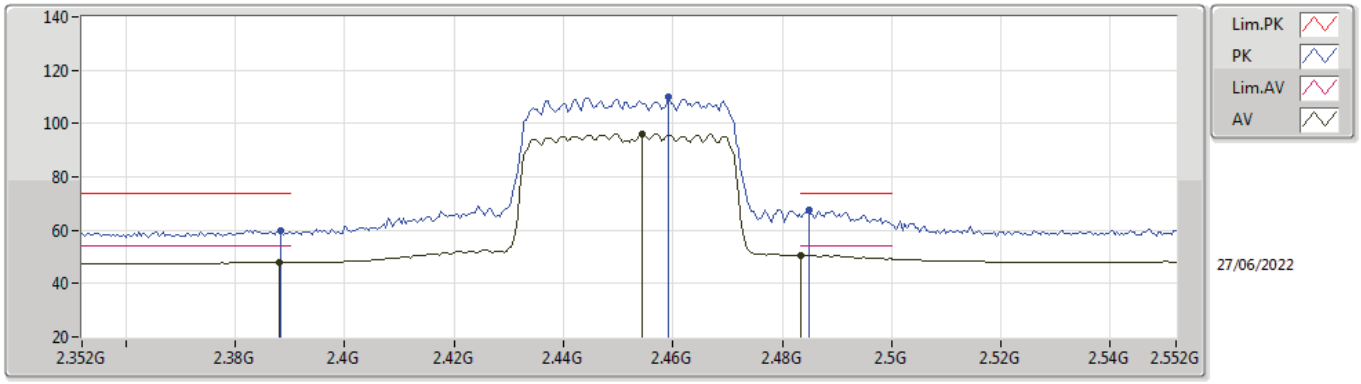
2452MHz_TX



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	2.39G	48.90	54.00	-5.10	35.56	3	Vertical	287	2.04	-	13.34	27.28	8.28	-
AV	2.4444G	97.12	Inf	-Inf	35.80	3	Vertical	287	2.04	-	61.32	27.48	8.32	-
AV	2.4835G	52.94	54.00	-1.06	36.04	3	Vertical	287	2.04	-	16.90	27.70	8.34	-
PK	2.3864G	60.59	74.00	-13.41	35.55	3	Vertical	287	2.04	-	25.04	27.27	8.28	-
PK	2.442G	110.75	Inf	-Inf	35.79	3	Vertical	287	2.04	-	74.96	27.47	8.32	-
PK	2.4844G	70.96	74.00	-3.04	36.05	3	Vertical	287	2.04	-	34.91	27.71	8.34	-

802.11ax HEW40_Nss1,(MCS0)_2TX

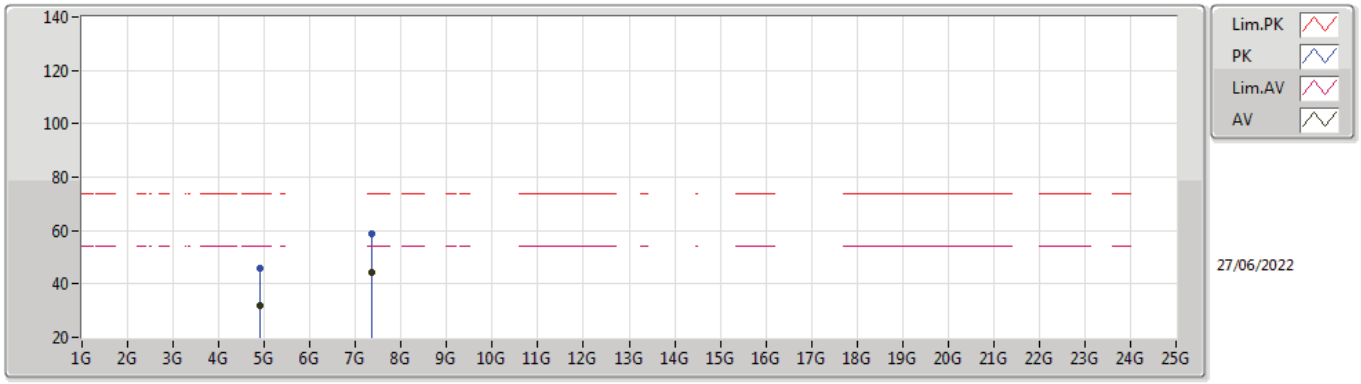
2452MHz_TX



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	2.388G	47.97	54.00	-6.03	35.56	3	Horizontal	48	2.03	-	12.41	27.28	8.28	-
AV	2.4544G	96.09	Inf	-Inf	35.86	3	Horizontal	48	2.03	-	60.23	27.53	8.33	-
AV	2.4835G	50.60	54.00	-3.40	36.04	3	Horizontal	48	2.03	-	14.56	27.70	8.34	-
PK	2.3884G	60.00	74.00	-14.00	35.56	3	Horizontal	48	2.03	-	24.44	27.28	8.28	-
PK	2.4592G	109.78	Inf	-Inf	35.89	3	Horizontal	48	2.03	-	73.89	27.56	8.33	-
PK	2.4848G	67.73	74.00	-6.27	36.06	3	Horizontal	48	2.03	-	31.67	27.71	8.35	-

802.11ax HEW40_Nss1,(MCS0)_2TX

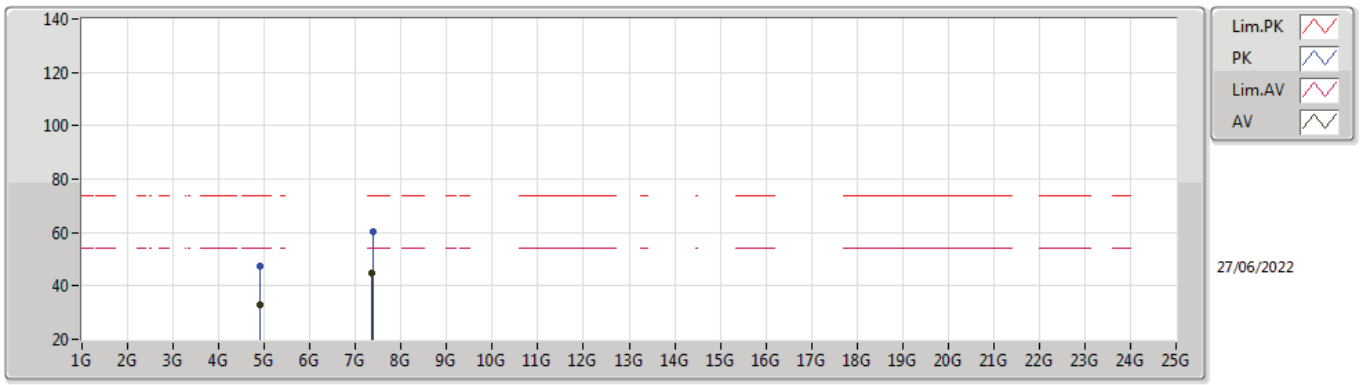
2452MHz_TX



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	4.8952G	32.11	54.00	-21.89	8.25	3	Vertical	220	1.50	-	23.86	32.69	9.71	34.15
AV	7.3652G	44.10	54.00	-9.90	13.45	3	Vertical	72	1.76	-	30.65	36.61	11.33	34.49
PK	4.91896G	45.74	74.00	-28.26	8.36	3	Vertical	220	1.50	-	37.38	32.78	9.72	34.14
PK	7.36536G	58.59	74.00	-15.41	13.45	3	Vertical	72	1.76	-	45.14	36.61	11.33	34.49

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	4.89856G	33.18	54.00	-20.82	8.26	3	Horizontal	337	1.52	-	24.92	32.70	9.71	34.15
AV	7.36512G	44.92	54.00	-9.08	13.45	3	Horizontal	325	2.16	-	31.47	36.61	11.33	34.49
PK	4.89896G	47.24	74.00	-26.76	8.26	3	Horizontal	337	1.52	-	38.98	32.70	9.71	34.15
PK	7.37352G	60.35	74.00	-13.65	13.40	3	Horizontal	325	2.16	-	46.95	36.56	11.33	34.49

Summary

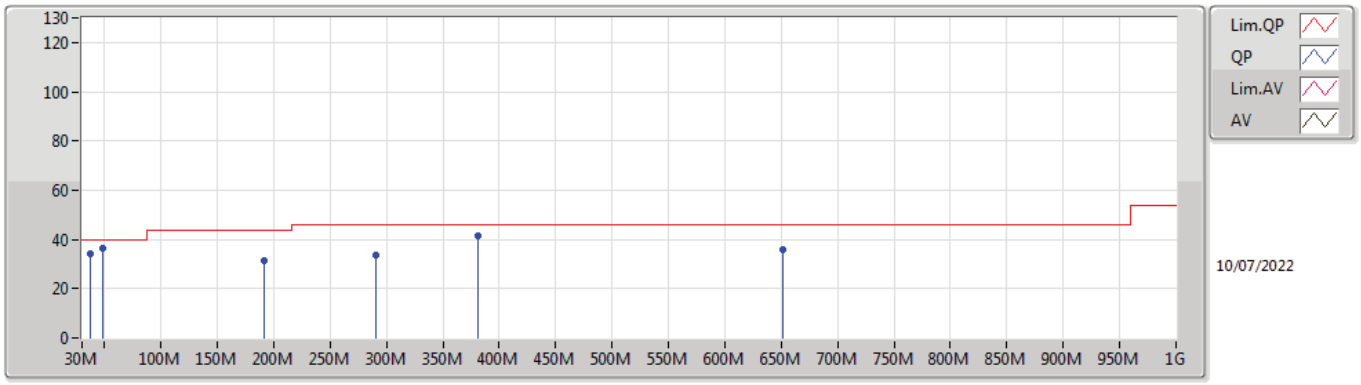
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	QP	48.92M	36.40	40.00	-3.60	3	Vertical	320	1.58	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	191.02M	31.10	43.50	-12.40	3	Vertical	360	1.00	-
2437MHz	Pass	PK	289.96M	33.60	46.00	-12.40	3	Vertical	360	1.00	-
2437MHz	Pass	PK	381.14M	41.20	46.00	-4.80	3	Vertical	360	1.00	-
2437MHz	Pass	PK	650.8M	35.92	46.00	-10.08	3	Vertical	360	1.00	-
2437MHz	Pass	QP	48.92M	36.40	40.00	-3.60	3	Vertical	320	1.58	-
2437MHz	Pass	QP	37.76M	34.36	40.00	-5.64	3	Vertical	360	1.00	-
2437MHz	Pass	PK	192.96M	33.90	43.50	-9.60	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	289.96M	35.50	46.00	-10.50	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	383.08M	41.79	46.00	-4.21	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	499.48M	34.24	46.00	-11.76	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	646.92M	36.12	46.00	-9.88	3	Horizontal	0	1.00	-
2437MHz	Pass	QP	48.36M	32.97	40.00	-7.03	3	Horizontal	0	1.63	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

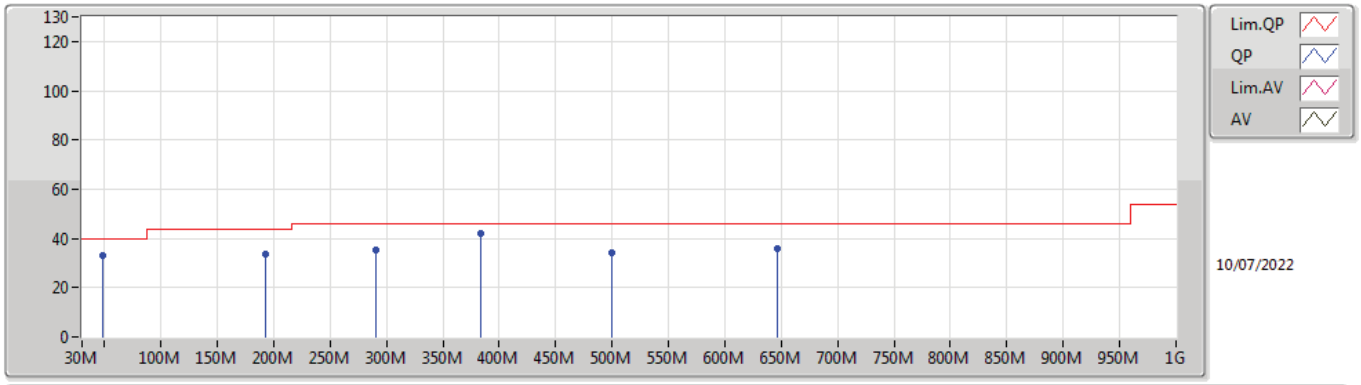
2437MHz_Adapter



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	191.02M	31.10	43.50	-12.40	-11.21	3	Vertical	360	1.00	-	42.31	14.26	1.98	27.45
PK	289.96M	33.60	46.00	-12.40	-6.60	3	Vertical	360	1.00	-	40.20	18.12	2.46	27.18
PK	381.14M	41.20	46.00	-4.80	-4.72	3	Vertical	360	1.00	-	45.92	20.17	2.82	27.71
PK	650.8M	35.92	46.00	-10.08	-0.67	3	Vertical	360	1.00	-	36.59	24.19	3.70	28.56
QP	48.92M	36.40	40.00	-3.60	-12.71	3	Vertical	320	1.58	-	49.11	13.61	1.04	27.36
QP	37.76M	34.36	40.00	-5.64	-6.67	3	Vertical	360	1.00	-	41.03	19.02	1.03	26.72

802.11ax HEW40-BF_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	192.96M	33.90	43.50	-9.60	-11.14	3	Horizontal	0	1.00	-	45.04	14.31	1.99	27.44
PK	289.96M	35.50	46.00	-10.50	-6.60	3	Horizontal	0	1.00	-	42.10	18.12	2.46	27.18
PK	383.08M	41.79	46.00	-4.21	-4.69	3	Horizontal	0	1.00	-	46.48	20.21	2.82	27.72
PK	499.48M	34.24	46.00	-11.76	-2.28	3	Horizontal	0	1.00	-	36.52	22.75	3.31	28.34
PK	646.92M	36.12	46.00	-9.88	-0.64	3	Horizontal	0	1.00	-	36.76	24.22	3.69	28.55
QP	48.36M	32.97	40.00	-7.03	-12.49	3	Horizontal	0	1.63	-	45.46	13.80	1.04	27.33

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 HEW20-BF_Nss1,(MCS0)_2TX	Pass	AV	7.25056G	53.81	54.00	-0.19	3	Horizontal	34	1.50	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	AV	2.3898G	53.52	54.00	-0.48	3	Vertical	280	1.50	-

Result

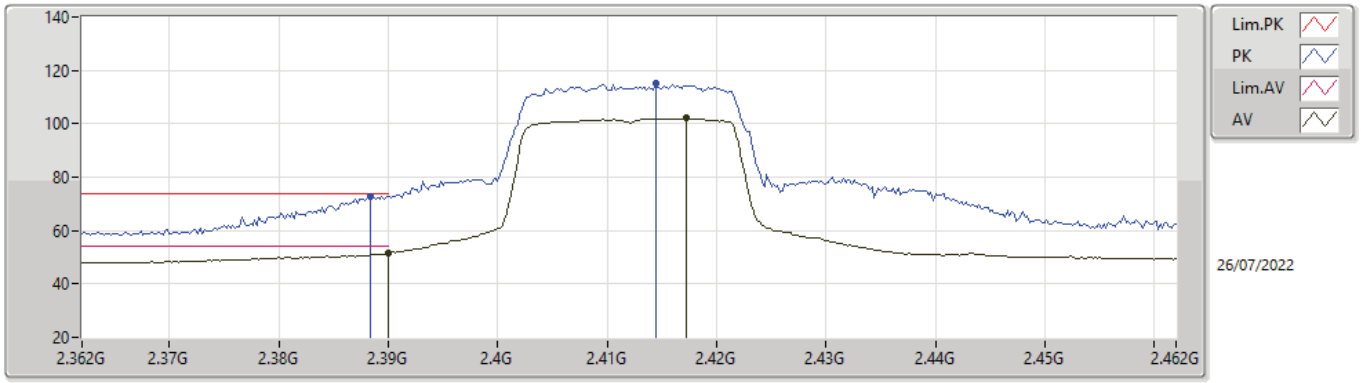
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	51.47	54.00	-2.53	3	Vertical	326	1.82	-
2412MHz	Pass	AV	2.4172G	102.03	Inf	-Inf	3	Vertical	326	1.82	-
2412MHz	Pass	PK	2.3884G	72.77	74.00	-1.23	3	Vertical	326	1.82	-
2412MHz	Pass	PK	2.4144G	114.95	Inf	-Inf	3	Vertical	326	1.82	-
2412MHz	Pass	AV	2.39G	51.72	54.00	-2.28	3	Horizontal	247	2.25	-
2412MHz	Pass	AV	2.4202G	98.32	Inf	-Inf	3	Horizontal	247	2.25	-
2412MHz	Pass	PK	2.3876G	67.38	74.00	-6.62	3	Horizontal	247	2.25	-
2412MHz	Pass	PK	2.4206G	110.30	Inf	-Inf	3	Horizontal	247	2.25	-
2412MHz	Pass	AV	4.8271G	34.53	54.00	-19.47	3	Vertical	305	1.18	-
2412MHz	Pass	PK	4.8268G	47.26	74.00	-26.74	3	Vertical	305	1.18	-
2412MHz	Pass	AV	4.8235G	37.24	54.00	-16.76	3	Horizontal	351	1.72	-
2412MHz	Pass	PK	4.8287G	49.36	74.00	-24.64	3	Horizontal	351	1.72	-
2417MHz	Pass	AV	2.39G	50.05	54.00	-3.95	3	Vertical	0	2.79	-
2417MHz	Pass	AV	2.415G	100.28	Inf	-Inf	3	Vertical	0	2.79	-
2417MHz	Pass	PK	2.39G	66.24	74.00	-7.76	3	Vertical	0	2.79	-
2417MHz	Pass	PK	2.4146G	113.36	Inf	-Inf	3	Vertical	0	2.79	-
2417MHz	Pass	AV	2.39G	48.77	54.00	-5.23	3	Horizontal	254	2.19	-
2417MHz	Pass	AV	2.4184G	98.75	Inf	-Inf	3	Horizontal	254	2.19	-
2417MHz	Pass	PK	2.3898G	65.82	74.00	-8.18	3	Horizontal	254	2.19	-
2417MHz	Pass	PK	2.4242G	110.96	Inf	-Inf	3	Horizontal	254	2.19	-
2417MHz	Pass	AV	4.84424G	34.36	54.00	-19.64	3	Vertical	293	1.46	-
2417MHz	Pass	AV	7.25764G	52.78	54.00	-1.22	3	Vertical	355	1.24	-
2417MHz	Pass	PK	4.84504G	46.85	74.00	-27.15	3	Vertical	293	1.46	-
2417MHz	Pass	PK	7.25508G	67.63	74.00	-6.37	3	Vertical	355	1.24	-
2417MHz	Pass	AV	4.83448G	36.61	54.00	-17.39	3	Horizontal	343	2.03	-
2417MHz	Pass	AV	7.25056G	53.81	54.00	-0.19	3	Horizontal	34	1.50	-
2417MHz	Pass	PK	4.84464G	48.74	74.00	-25.26	3	Horizontal	343	2.03	-
2417MHz	Pass	PK	7.25143G	69.37	74.00	-4.63	3	Horizontal	34	1.50	-
2437MHz	Pass	AV	2.3898G	51.71	54.00	-2.29	3	Vertical	286	2.47	-
2437MHz	Pass	AV	2.435G	105.71	Inf	-Inf	3	Vertical	286	2.47	-
2437MHz	Pass	AV	2.485G	51.37	54.00	-2.63	3	Vertical	286	2.47	-
2437MHz	Pass	PK	2.387G	66.70	74.00	-7.30	3	Vertical	286	2.47	-
2437MHz	Pass	PK	2.4346G	118.43	Inf	-Inf	3	Vertical	286	2.47	-
2437MHz	Pass	PK	2.4906G	63.31	74.00	-10.69	3	Vertical	286	2.47	-
2437MHz	Pass	AV	2.3898G	49.53	54.00	-4.47	3	Horizontal	59	2.58	-
2437MHz	Pass	AV	2.445G	107.32	Inf	-Inf	3	Horizontal	59	2.58	-
2437MHz	Pass	AV	2.4858G	50.53	54.00	-3.47	3	Horizontal	59	2.58	-
2437MHz	Pass	PK	2.3894G	61.53	74.00	-12.47	3	Horizontal	59	2.58	-
2437MHz	Pass	PK	2.4454G	118.28	Inf	-Inf	3	Horizontal	59	2.58	-
2437MHz	Pass	PK	2.4838G	63.52	74.00	-10.48	3	Horizontal	59	2.58	-
2437MHz	Pass	AV	4.87624G	35.37	54.00	-18.63	3	Vertical	318	2.17	-
2437MHz	Pass	AV	7.30792G	53.67	54.00	-0.33	3	Vertical	324	1.40	-
2437MHz	Pass	PK	4.87176G	48.46	74.00	-25.54	3	Vertical	318	2.17	-
2437MHz	Pass	PK	7.30848G	68.25	74.00	-5.75	3	Vertical	324	1.40	-
2437MHz	Pass	AV	4.87092G	37.70	54.00	-16.30	3	Horizontal	355	1.77	-
2437MHz	Pass	AV	7.3285G	53.01	54.00	-0.99	3	Horizontal	40	1.50	-
2437MHz	Pass	PK	4.8719G	50.42	74.00	-23.58	3	Horizontal	355	1.77	-
2437MHz	Pass	PK	7.33144G	68.55	74.00	-5.45	3	Horizontal	40	1.50	-
2457MHz	Pass	AV	2.4488G	103.17	Inf	-Inf	3	Vertical	360	3.00	-
2457MHz	Pass	AV	2.4835G	53.53	54.00	-0.47	3	Vertical	360	3.00	-
2457MHz	Pass	PK	2.4496G	115.43	Inf	-Inf	3	Vertical	360	3.00	-
2457MHz	Pass	PK	2.4842G	70.30	74.00	-3.70	3	Vertical	360	3.00	-
2457MHz	Pass	AV	2.448G	105.75	Inf	-Inf	3	Horizontal	251	2.93	-
2457MHz	Pass	AV	2.4906G	50.19	54.00	-3.81	3	Horizontal	251	2.93	-
2457MHz	Pass	PK	2.448G	118.60	Inf	-Inf	3	Horizontal	251	2.93	-
2457MHz	Pass	PK	2.4846G	66.04	74.00	-7.96	3	Horizontal	251	2.93	-
2457MHz	Pass	AV	4.90944G	33.06	54.00	-20.94	3	Vertical	294	1.63	-
2457MHz	Pass	AV	7.3686G	51.71	54.00	-2.29	3	Vertical	328	1.38	-
2457MHz	Pass	PK	4.9158G	45.40	74.00	-28.60	3	Vertical	294	1.63	-
2457MHz	Pass	PK	7.3806G	66.70	74.00	-7.30	3	Vertical	328	1.38	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	4.91472G	33.99	54.00	-20.01	3	Horizontal	352	2.06	-
2457MHz	Pass	AV	7.37184G	52.13	54.00	-1.87	3	Horizontal	32	1.77	-
2457MHz	Pass	PK	4.9128G	46.79	74.00	-27.21	3	Horizontal	352	2.06	-
2457MHz	Pass	PK	7.36308G	67.25	74.00	-6.75	3	Horizontal	32	1.77	-
2462MHz	Pass	AV	2.4538G	101.59	Inf	-Inf	3	Vertical	23	2.53	-
2462MHz	Pass	AV	2.4835G	52.41	54.00	-1.59	3	Vertical	23	2.53	-
2462MHz	Pass	PK	2.4534G	113.62	Inf	-Inf	3	Vertical	23	2.53	-
2462MHz	Pass	PK	2.4842G	73.78	74.00	-0.22	3	Vertical	23	2.53	-
2462MHz	Pass	AV	2.453G	103.04	Inf	-Inf	3	Horizontal	256	2.34	-
2462MHz	Pass	AV	2.4835G	50.96	54.00	-3.04	3	Horizontal	256	2.34	-
2462MHz	Pass	PK	2.453G	114.93	Inf	-Inf	3	Horizontal	256	2.34	-
2462MHz	Pass	PK	2.4848G	70.66	74.00	-3.34	3	Horizontal	256	2.34	-
2462MHz	Pass	AV	4.92316G	32.38	54.00	-21.62	3	Vertical	-0	1.35	-
2462MHz	Pass	AV	7.38672G	49.42	54.00	-4.58	3	Vertical	64	1.60	-
2462MHz	Pass	PK	4.9432G	45.92	74.00	-28.08	3	Vertical	-0	1.35	-
2462MHz	Pass	PK	7.38324G	66.23	74.00	-7.77	3	Vertical	64	1.60	-
2462MHz	Pass	AV	4.92556G	33.78	54.00	-20.22	3	Horizontal	356	2.08	-
2462MHz	Pass	AV	7.38852G	49.78	54.00	-4.22	3	Horizontal	33	1.80	-
2462MHz	Pass	PK	4.92856G	46.27	74.00	-27.73	3	Horizontal	356	2.08	-
2462MHz	Pass	PK	7.37712G	67.14	74.00	-6.86	3	Horizontal	33	1.80	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.44	54.00	-0.56	3	Vertical	-0	1.64	-
2422MHz	Pass	AV	2.4084G	94.11	Inf	-Inf	3	Vertical	-0	1.64	-
2422MHz	Pass	AV	2.4888G	48.52	54.00	-5.48	3	Vertical	-0	1.64	-
2422MHz	Pass	PK	2.3888G	66.52	74.00	-7.48	3	Vertical	-0	1.64	-
2422MHz	Pass	PK	2.4056G	106.27	Inf	-Inf	3	Vertical	-0	1.64	-
2422MHz	Pass	PK	2.486G	59.51	74.00	-14.49	3	Vertical	-0	1.64	-
2422MHz	Pass	AV	2.39G	52.46	54.00	-1.54	3	Horizontal	46	1.00	-
2422MHz	Pass	AV	2.4264G	92.77	Inf	-Inf	3	Horizontal	46	1.00	-
2422MHz	Pass	AV	2.4835G	48.48	54.00	-5.52	3	Horizontal	46	1.00	-
2422MHz	Pass	PK	2.382G	65.48	74.00	-8.52	3	Horizontal	46	1.00	-
2422MHz	Pass	PK	2.4232G	105.25	Inf	-Inf	3	Horizontal	46	1.00	-
2422MHz	Pass	PK	2.4844G	60.04	74.00	-13.96	3	Horizontal	46	1.00	-
2422MHz	Pass	AV	4.84388G	32.70	54.00	-21.30	3	Vertical	334	2.67	-
2422MHz	Pass	AV	7.25656G	44.01	54.00	-9.99	3	Vertical	66	1.82	-
2422MHz	Pass	PK	4.84568G	45.93	74.00	-28.07	3	Vertical	334	2.67	-
2422MHz	Pass	PK	7.27032G	59.26	74.00	-14.74	3	Vertical	66	1.82	-
2422MHz	Pass	AV	4.82264G	33.45	54.00	-20.55	3	Horizontal	346	1.74	-
2422MHz	Pass	AV	7.25612G	45.91	54.00	-8.09	3	Horizontal	38	1.86	-
2422MHz	Pass	PK	4.82252G	48.28	74.00	-25.72	3	Horizontal	346	1.74	-
2422MHz	Pass	PK	7.27028G	61.16	74.00	-12.84	3	Horizontal	38	1.86	-
2427MHz	Pass	AV	2.3898G	53.52	54.00	-0.48	3	Vertical	280	1.50	-
2427MHz	Pass	AV	2.4094G	94.99	Inf	-Inf	3	Vertical	280	1.50	-
2427MHz	Pass	AV	2.4886G	49.01	54.00	-4.99	3	Vertical	280	1.50	-
2427MHz	Pass	PK	2.3886G	68.61	74.00	-5.39	3	Vertical	280	1.50	-
2427MHz	Pass	PK	2.4146G	107.70	Inf	-Inf	3	Vertical	280	1.50	-
2427MHz	Pass	PK	2.4902G	62.40	74.00	-11.60	3	Vertical	280	1.50	-
2427MHz	Pass	AV	2.3898G	49.21	54.00	-4.79	3	Horizontal	61	1.69	-
2427MHz	Pass	AV	2.4446G	97.16	Inf	-Inf	3	Horizontal	61	1.69	-
2427MHz	Pass	AV	2.4835G	48.90	54.00	-5.10	3	Horizontal	61	1.69	-
2427MHz	Pass	PK	2.3874G	67.05	74.00	-6.95	3	Horizontal	61	1.69	-
2427MHz	Pass	PK	2.4446G	109.94	Inf	-Inf	3	Horizontal	61	1.69	-
2427MHz	Pass	PK	2.4842G	63.41	74.00	-10.59	3	Horizontal	61	1.69	-
2437MHz	Pass	AV	2.3898G	52.25	54.00	-1.75	3	Vertical	304	2.24	-
2437MHz	Pass	AV	2.4186G	96.81	Inf	-Inf	3	Vertical	304	2.24	-
2437MHz	Pass	AV	2.485G	52.56	54.00	-1.44	3	Vertical	304	2.24	-
2437MHz	Pass	PK	2.3886G	70.08	74.00	-3.92	3	Vertical	304	2.24	-
2437MHz	Pass	PK	2.4318G	109.20	Inf	-Inf	3	Vertical	304	2.24	-
2437MHz	Pass	PK	2.4835G	72.98	74.00	-1.02	3	Vertical	304	2.24	-
2437MHz	Pass	AV	2.3898G	48.39	54.00	-5.61	3	Horizontal	63	2.09	-
2437MHz	Pass	AV	2.4542G	98.53	Inf	-Inf	3	Horizontal	63	2.09	-
2437MHz	Pass	AV	2.4846G	50.48	54.00	-3.52	3	Horizontal	63	2.09	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.3886G	64.24	74.00	-9.76	3	Horizontal	63	2.09	-
2437MHz	Pass	PK	2.4534G	111.63	Inf	-Inf	3	Horizontal	63	2.09	-
2437MHz	Pass	PK	2.4842G	70.16	74.00	-3.84	3	Horizontal	63	2.09	-
2437MHz	Pass	AV	4.86424G	31.90	54.00	-22.10	3	Vertical	299	1.56	-
2437MHz	Pass	AV	7.28956G	44.07	54.00	-9.93	3	Vertical	74	1.68	-
2437MHz	Pass	PK	4.89832G	45.09	74.00	-28.91	3	Vertical	299	1.56	-
2437MHz	Pass	PK	7.27148G	63.47	74.00	-10.53	3	Vertical	74	1.68	-
2437MHz	Pass	AV	4.85848G	33.23	54.00	-20.77	3	Horizontal	346	2.26	-
2437MHz	Pass	AV	7.2858G	44.57	54.00	-9.43	3	Horizontal	31	1.88	-
2437MHz	Pass	PK	4.874G	49.16	74.00	-24.84	3	Horizontal	346	2.26	-
2437MHz	Pass	PK	7.2828G	63.88	74.00	-10.12	3	Horizontal	31	1.88	-
2447MHz	Pass	AV	2.3898G	48.23	54.00	-5.77	3	Vertical	307	1.93	-
2447MHz	Pass	AV	2.455G	94.82	Inf	-Inf	3	Vertical	307	1.93	-
2447MHz	Pass	AV	2.4842G	53.38	54.00	-0.62	3	Vertical	307	1.93	-
2447MHz	Pass	PK	2.3898G	61.60	74.00	-12.40	3	Vertical	307	1.93	-
2447MHz	Pass	PK	2.4438G	108.34	Inf	-Inf	3	Vertical	307	1.93	-
2447MHz	Pass	PK	2.4835G	72.10	74.00	-1.90	3	Vertical	307	1.93	-
2447MHz	Pass	AV	2.3842G	47.94	54.00	-6.06	3	Horizontal	58	2.08	-
2447MHz	Pass	AV	2.4546G	96.43	Inf	-Inf	3	Horizontal	58	2.08	-
2447MHz	Pass	AV	2.4858G	49.42	54.00	-4.58	3	Horizontal	58	2.08	-
2447MHz	Pass	PK	2.3718G	59.78	74.00	-14.22	3	Horizontal	58	2.08	-
2447MHz	Pass	PK	2.461G	109.23	Inf	-Inf	3	Horizontal	58	2.08	-
2447MHz	Pass	PK	2.4846G	67.73	74.00	-6.27	3	Horizontal	58	2.08	-
2452MHz	Pass	AV	2.39G	48.15	54.00	-5.85	3	Vertical	305	1.44	-
2452MHz	Pass	AV	2.4584G	93.90	Inf	-Inf	3	Vertical	305	1.44	-
2452MHz	Pass	AV	2.4844G	53.44	54.00	-0.56	3	Vertical	305	1.44	-
2452MHz	Pass	PK	2.3896G	61.09	74.00	-12.91	3	Vertical	305	1.44	-
2452MHz	Pass	PK	2.4476G	108.13	Inf	-Inf	3	Vertical	305	1.44	-
2452MHz	Pass	PK	2.4835G	73.27	74.00	-0.73	3	Vertical	305	1.44	-
2452MHz	Pass	AV	2.3888G	47.87	54.00	-6.13	3	Horizontal	53	2.09	-
2452MHz	Pass	AV	2.4552G	96.09	Inf	-Inf	3	Horizontal	53	2.09	-
2452MHz	Pass	AV	2.4848G	49.65	54.00	-4.35	3	Horizontal	53	2.09	-
2452MHz	Pass	PK	2.3544G	60.18	74.00	-13.82	3	Horizontal	53	2.09	-
2452MHz	Pass	PK	2.4552G	109.34	Inf	-Inf	3	Horizontal	53	2.09	-
2452MHz	Pass	PK	2.4884G	67.39	74.00	-6.61	3	Horizontal	53	2.09	-
2452MHz	Pass	AV	4.89696G	32.18	54.00	-21.82	3	Vertical	336	2.67	-
2452MHz	Pass	AV	7.36448G	43.28	54.00	-10.72	3	Vertical	72	1.75	-
2452MHz	Pass	PK	4.88768G	45.13	74.00	-28.87	3	Vertical	336	2.67	-
2452MHz	Pass	PK	7.36608G	57.34	74.00	-16.66	3	Vertical	72	1.75	-
2452MHz	Pass	AV	4.88432G	33.04	54.00	-20.96	3	Horizontal	344	2.11	-
2452MHz	Pass	AV	7.36128G	44.09	54.00	-9.91	3	Horizontal	32	1.78	-
2452MHz	Pass	PK	4.89808G	45.95	74.00	-28.05	3	Horizontal	344	2.11	-
2452MHz	Pass	PK	7.37136G	58.62	74.00	-15.38	3	Horizontal	32	1.78	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

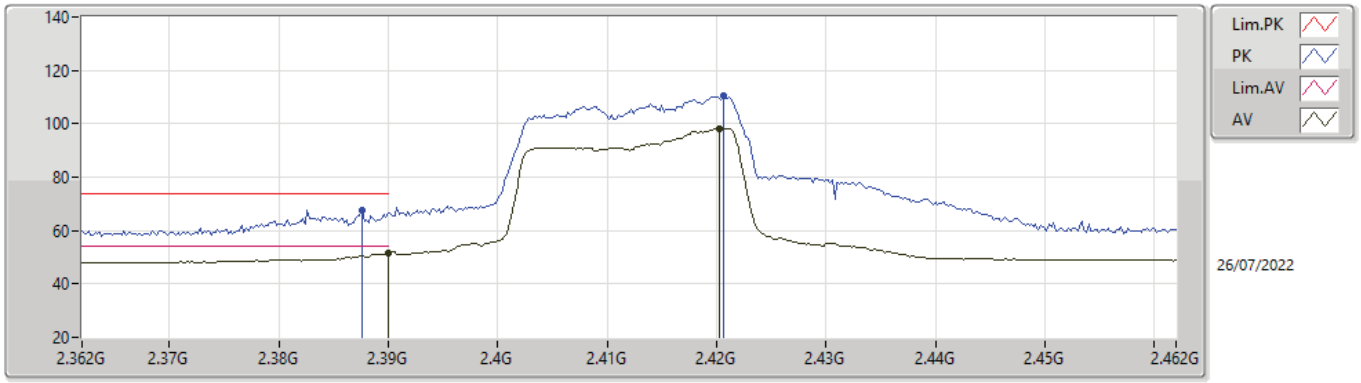
2412MHz_TX



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	51.47	54.00	-2.53	35.56	3	Vertical	326	1.82	-	15.91	27.28	8.28	-
AV	2.4172G	102.03	Inf	-Inf	35.67	3	Vertical	326	1.82	-	66.36	27.37	8.30	-
PK	2.3884G	72.77	74.00	-1.23	35.56	3	Vertical	326	1.82	-	37.21	27.28	8.28	-
PK	2.4144G	114.95	Inf	-Inf	35.66	3	Vertical	326	1.82	-	79.29	27.36	8.30	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

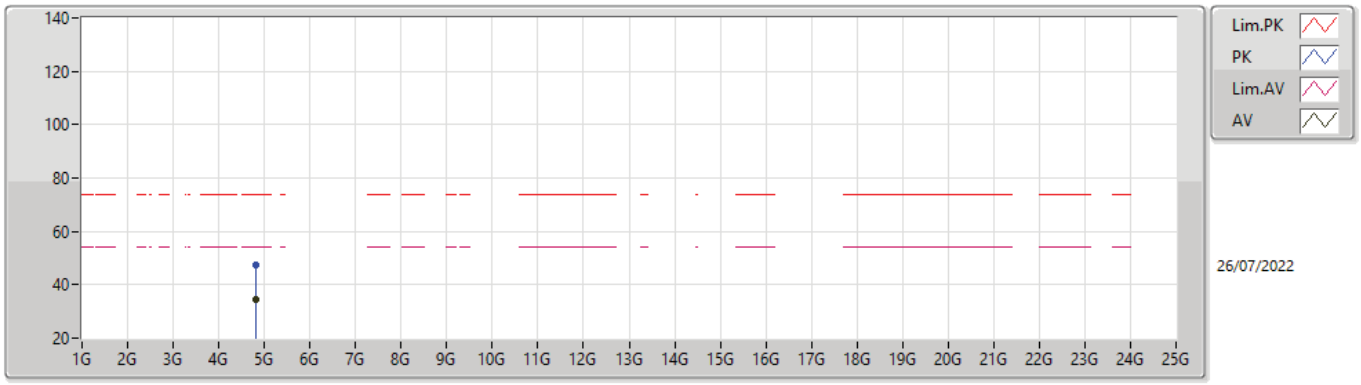
2412MHz_TX



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	51.72	54.00	-2.28	35.56	3	Horizontal	247	2.25	-	16.16	27.28	8.28	-
AV	2.4202G	98.32	Inf	-Inf	35.68	3	Horizontal	247	2.25	-	62.64	27.38	8.30	-
PK	2.3876G	67.38	74.00	-6.62	35.56	3	Horizontal	247	2.25	-	31.82	27.28	8.28	-
PK	2.4206G	110.30	Inf	-Inf	35.68	3	Horizontal	247	2.25	-	74.62	27.38	8.30	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

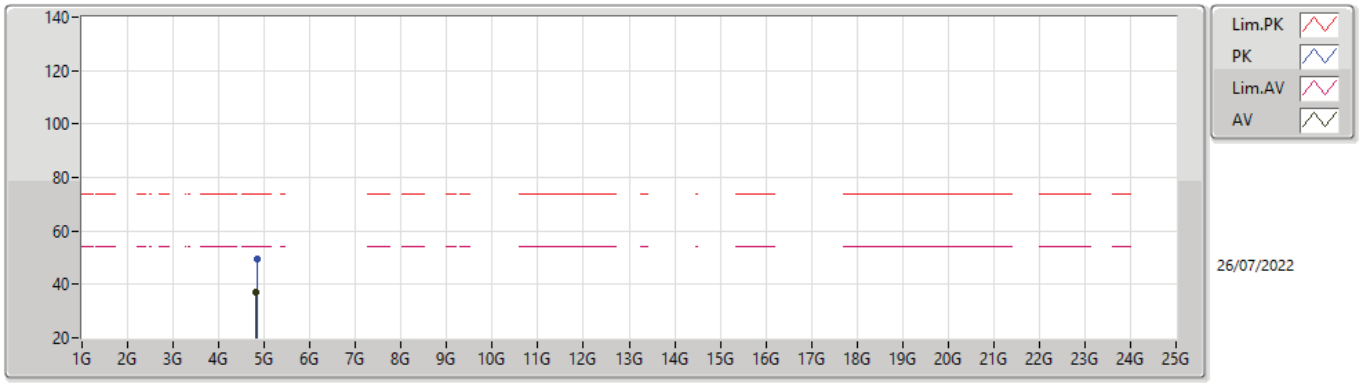
2412MHz_TX



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	4.8271G	34.53	54.00	-19.47	8.05	3	Vertical	305	1.18	-	26.48	32.55	9.68	34.18
PK	4.8268G	47.26	74.00	-26.74	8.05	3	Vertical	305	1.18	-	39.21	32.55	9.68	34.18

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

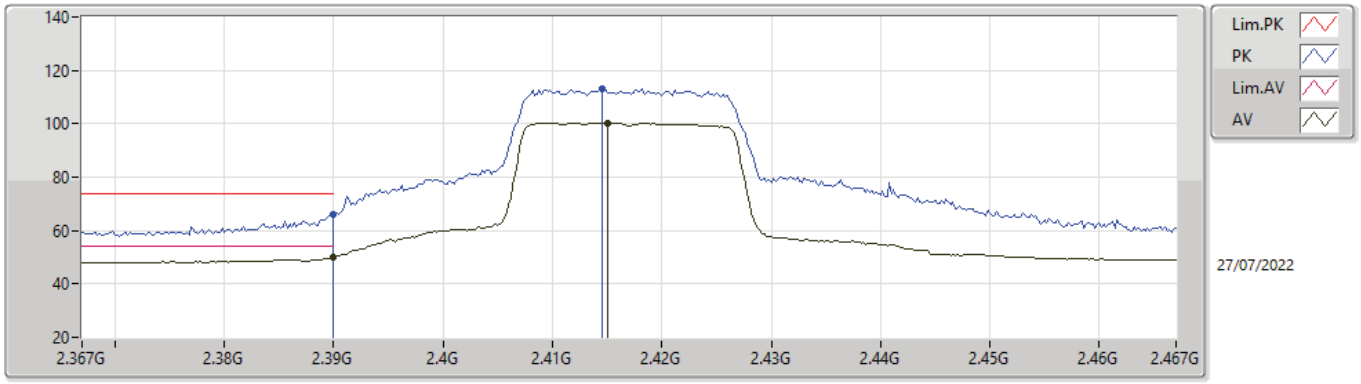
2412MHz_TX



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	4.8235G	37.24	54.00	-16.76	8.05	3	Horizontal	351	1.72	-	29.19	32.55	9.68	34.18
PK	4.8287G	49.36	74.00	-24.64	8.06	3	Horizontal	351	1.72	-	41.30	32.56	9.68	34.18

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

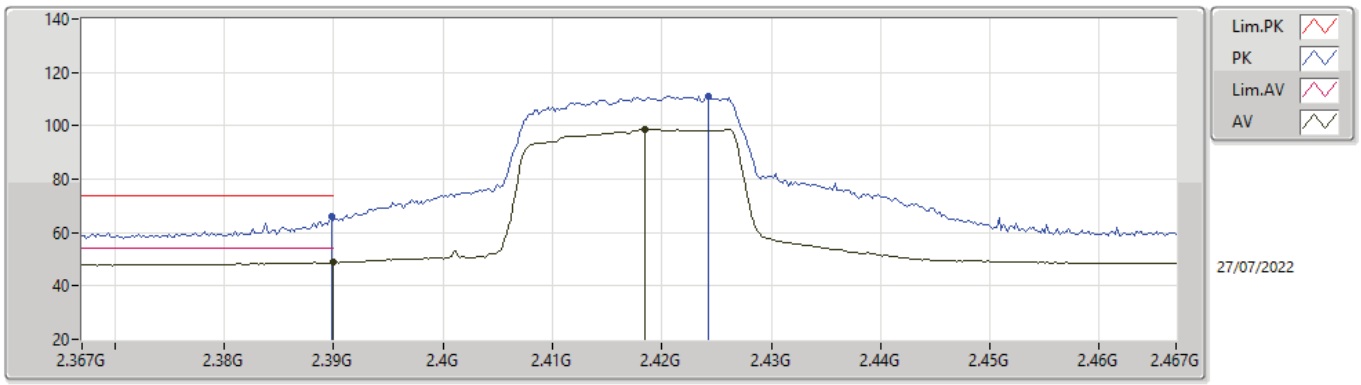
2417MHz_TX



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	50.05	54.00	-3.95	35.56	3	Vertical	0	2.79	-	14.49	27.28	8.28	-
AV	2.415G	100.28	Inf	-Inf	35.66	3	Vertical	0	2.79	-	64.62	27.36	8.30	-
PK	2.39G	66.24	74.00	-7.76	35.56	3	Vertical	0	2.79	-	30.68	27.28	8.28	-
PK	2.4146G	113.36	Inf	-Inf	35.66	3	Vertical	0	2.79	-	77.70	27.36	8.30	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

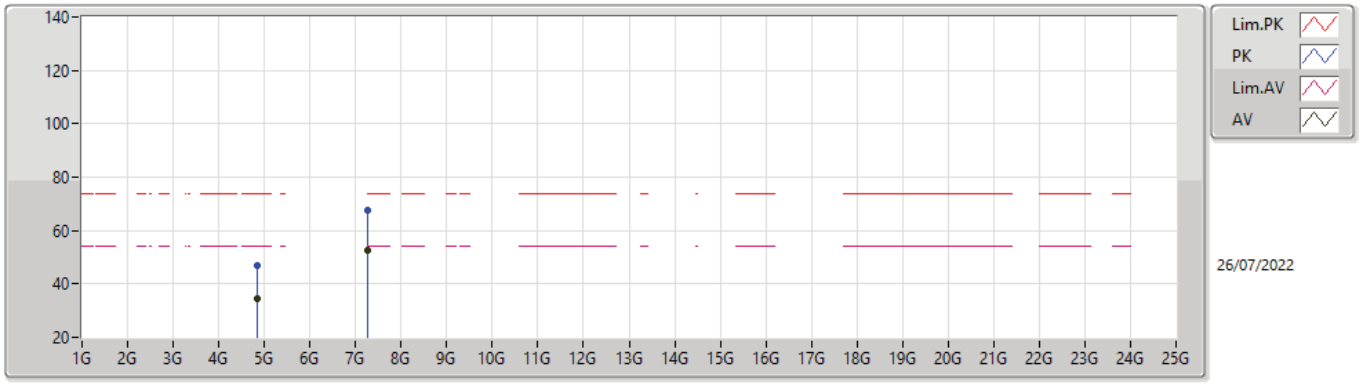
2417MHz_TX



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	48.77	54.00	-5.23	35.56	3	Horizontal	254	2.19	-	13.21	27.28	8.28	-
AV	2.4184G	98.75	Inf	-Inf	35.67	3	Horizontal	254	2.19	-	63.08	27.37	8.30	-
PK	2.3898G	65.82	74.00	-8.18	35.56	3	Horizontal	254	2.19	-	30.26	27.28	8.28	-
PK	2.4242G	110.96	Inf	-Inf	35.71	3	Horizontal	254	2.19	-	75.25	27.40	8.31	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

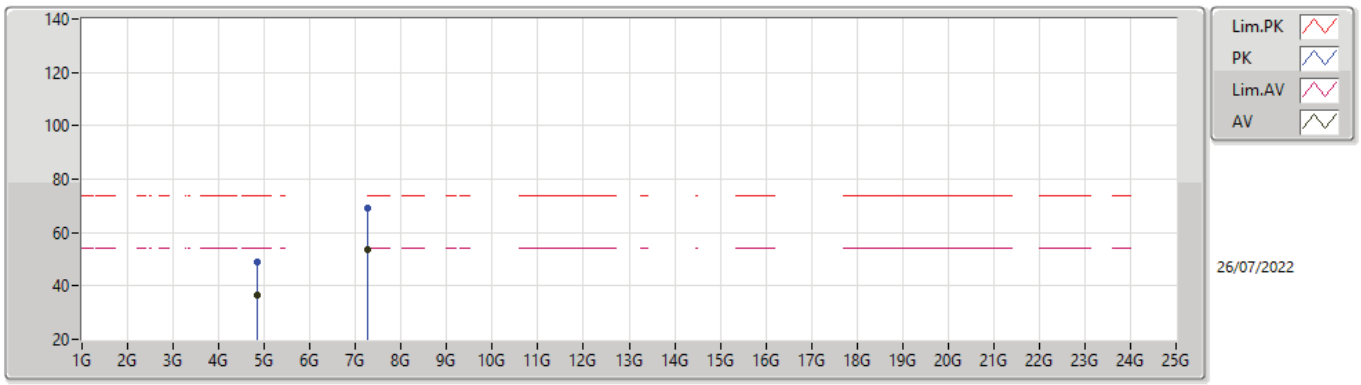
2417MHz_TX



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	4.84424G	34.36	54.00	-19.64	8.11	3	Vertical	293	1.46	-	26.25	32.59	9.69	34.17
AV	7.25764G	52.78	54.00	-1.22	13.49	3	Vertical	355	1.24	-	39.29	36.68	11.31	34.50
PK	4.84504G	46.85	74.00	-27.15	8.11	3	Vertical	293	1.46	-	38.74	32.59	9.69	34.17
PK	7.25508G	67.63	74.00	-6.37	13.50	3	Vertical	355	1.24	-	54.13	36.69	11.31	34.50

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

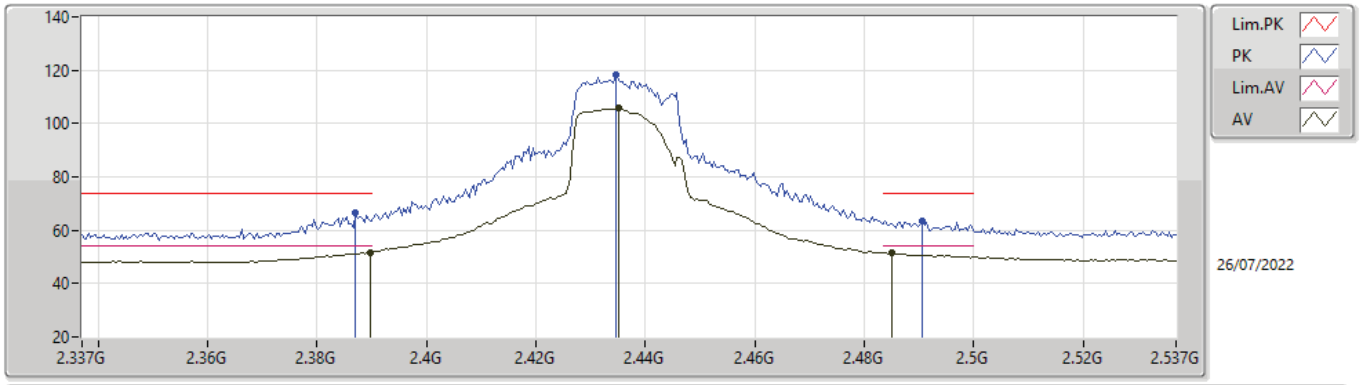
2417MHz_TX



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	4.83448G	36.61	54.00	-17.39	8.07	3	Horizontal	343	2.03	-	28.54	32.57	9.68	34.18
AV	7.25056G	53.81	54.00	-0.19	13.51	3	Horizontal	34	1.50	-	40.30	36.70	11.31	34.50
PK	4.84464G	48.74	74.00	-25.26	8.11	3	Horizontal	343	2.03	-	40.63	32.59	9.69	34.17
PK	7.25143G	69.37	74.00	-4.63	13.51	3	Horizontal	34	1.50	-	55.86	36.70	11.31	34.50

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

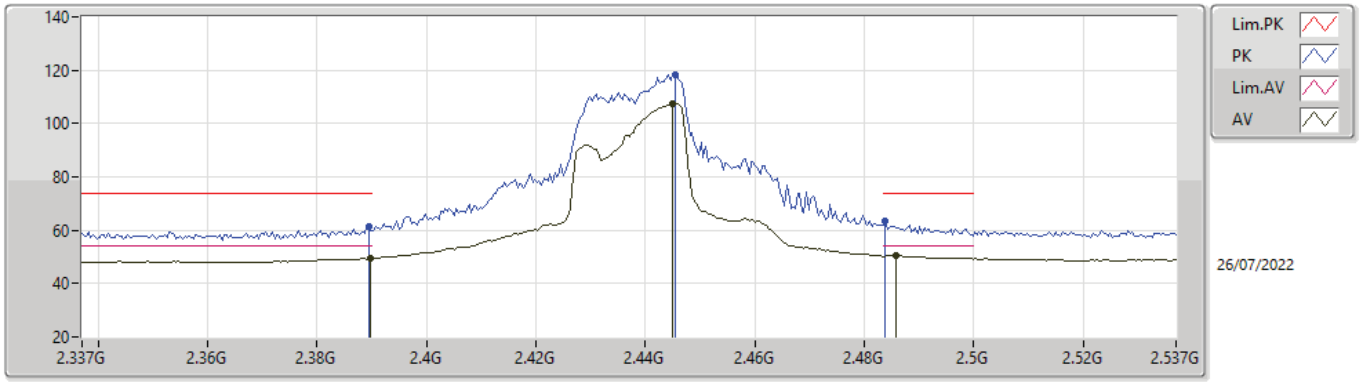
2437MHz_TX



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	2.3898G	51.71	54.00	-2.29	35.56	3	Vertical	286	2.47	-	16.15	27.28	8.28	-
AV	2.435G	105.71	Inf	-Inf	35.75	3	Vertical	286	2.47	-	69.96	27.44	8.31	-
AV	2.485G	51.37	54.00	-2.63	36.06	3	Vertical	286	2.47	-	15.31	27.71	8.35	-
PK	2.387G	66.70	74.00	-7.30	35.55	3	Vertical	286	2.47	-	31.15	27.27	8.28	-
PK	2.4346G	118.43	Inf	-Inf	35.75	3	Vertical	286	2.47	-	82.68	27.44	8.31	-
PK	2.4906G	63.31	74.00	-10.69	36.09	3	Vertical	286	2.47	-	27.22	27.74	8.35	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

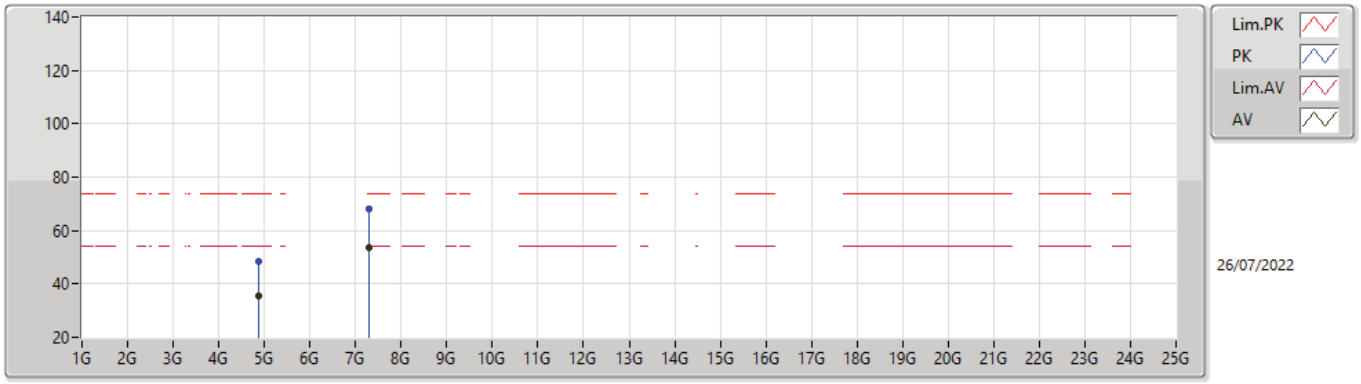
2437MHz_TX



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	2.3898G	49.53	54.00	-4.47	35.56	3	Horizontal	59	2.58	-	13.97	27.28	8.28	-
AV	2.445G	107.32	Inf	-Inf	35.80	3	Horizontal	59	2.58	-	71.52	27.48	8.32	-
AV	2.4858G	50.53	54.00	-3.47	36.06	3	Horizontal	59	2.58	-	14.47	27.71	8.35	-
PK	2.3894G	61.53	74.00	-12.47	35.56	3	Horizontal	59	2.58	-	25.97	27.28	8.28	-
PK	2.4454G	118.28	Inf	-Inf	35.80	3	Horizontal	59	2.58	-	82.48	27.48	8.32	-
PK	2.4838G	63.52	74.00	-10.48	36.04	3	Horizontal	59	2.58	-	27.48	27.70	8.34	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

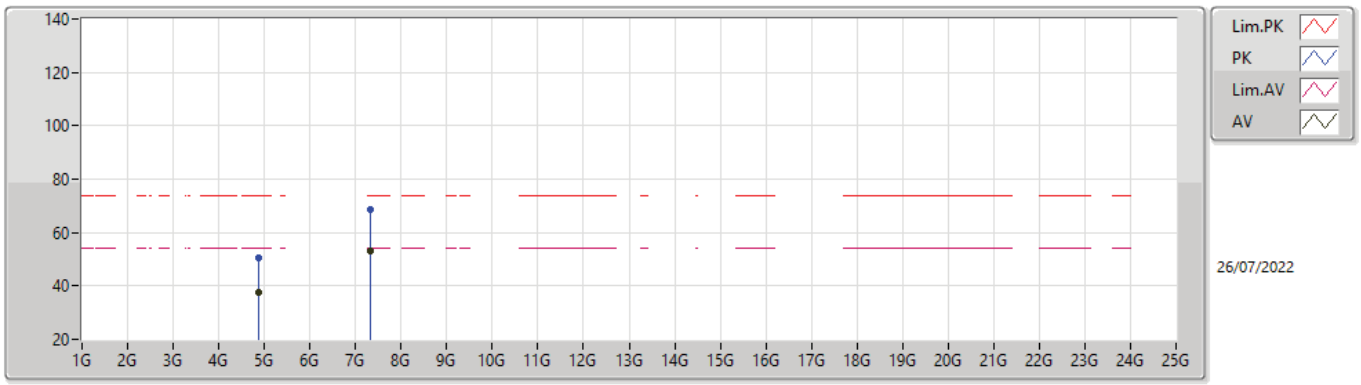
2437MHz_TX



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	4.87624G	35.37	54.00	-18.63	8.19	3	Vertical	318	2.17	-	27.18	32.65	9.70	34.16
AV	7.30792G	53.67	54.00	-0.33	13.44	3	Vertical	324	1.40	-	40.23	36.62	11.32	34.50
PK	4.87176G	48.46	74.00	-25.54	8.18	3	Vertical	318	2.17	-	40.28	32.64	9.70	34.16
PK	7.30848G	68.25	74.00	-5.75	13.44	3	Vertical	324	1.40	-	54.81	36.62	11.32	34.50

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

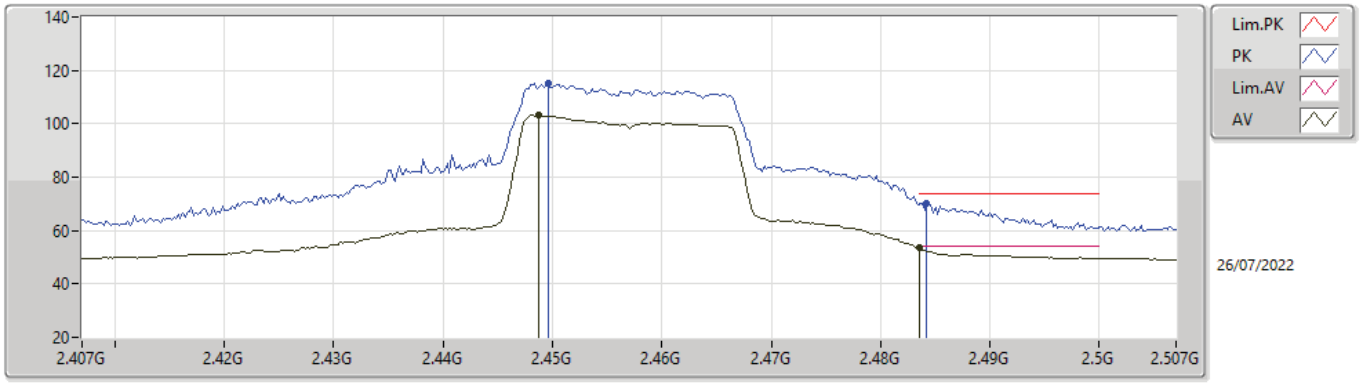
2437MHz_TX



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	4.87092G	37.70	54.00	-16.30	8.18	3	Horizontal	355	1.77	-	29.52	32.64	9.70	34.16
AV	7.3285G	53.01	54.00	-0.99	13.49	3	Horizontal	40	1.50	-	39.52	36.66	11.33	34.50
PK	4.8719G	50.42	74.00	-23.58	8.18	3	Horizontal	355	1.77	-	42.24	32.64	9.70	34.16
PK	7.33144G	68.55	74.00	-5.45	13.49	3	Horizontal	40	1.50	-	55.06	36.66	11.33	34.50

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

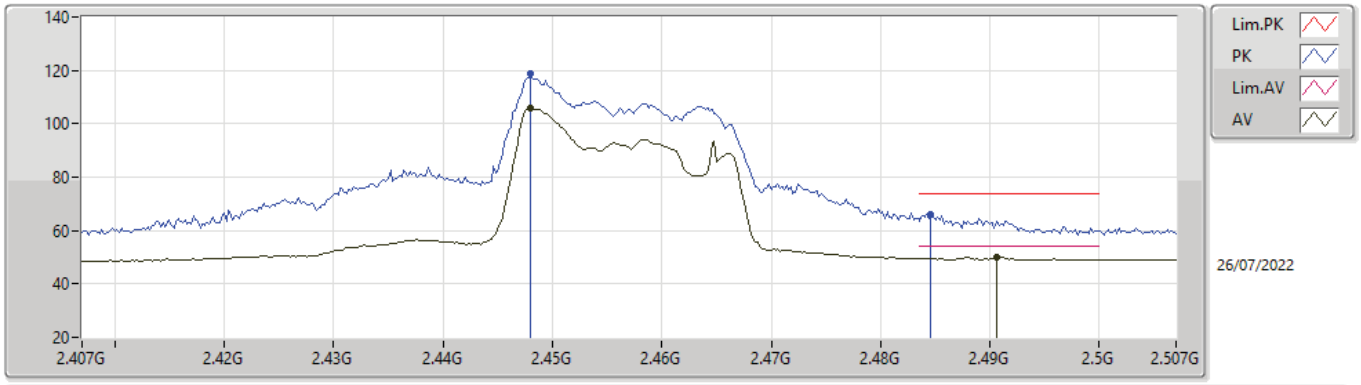
2457MHz_TX



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	2.4488G	103.17	Inf	-Inf	35.82	3	Vertical	360	3.00	-	67.35	27.50	8.32	-
AV	2.4835G	53.53	54.00	-0.47	36.04	3	Vertical	360	3.00	-	17.49	27.70	8.34	-
PK	2.4496G	115.43	Inf	-Inf	35.82	3	Vertical	360	3.00	-	79.61	27.50	8.32	-
PK	2.4842G	70.30	74.00	-3.70	36.05	3	Vertical	360	3.00	-	34.25	27.71	8.34	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

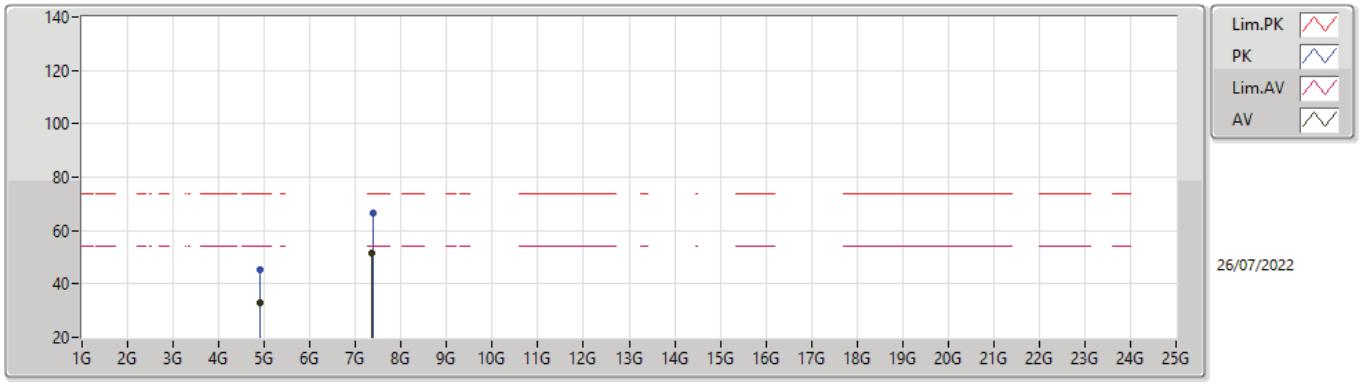
2457MHz_TX



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	2.448G	105.75	Inf	-Inf	35.81	3	Horizontal	251	2.93	-	69.94	27.49	8.32	-
AV	2.4906G	50.19	54.00	-3.81	36.09	3	Horizontal	251	2.93	-	14.10	27.74	8.35	-
PK	2.448G	118.60	Inf	-Inf	35.81	3	Horizontal	251	2.93	-	82.79	27.49	8.32	-
PK	2.4846G	66.04	74.00	-7.96	36.05	3	Horizontal	251	2.93	-	29.99	27.71	8.34	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

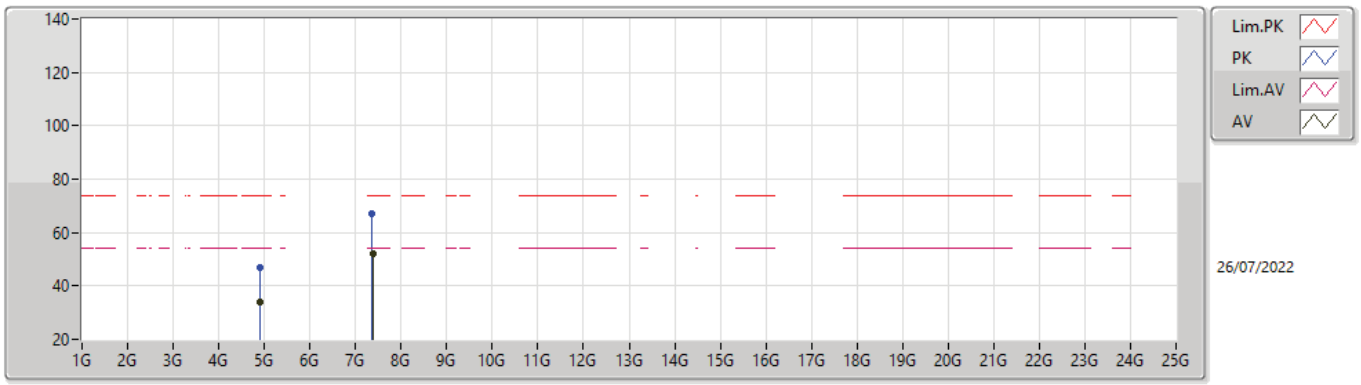
2457MHz_TX



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	4.90944G	33.06	54.00	-20.94	8.31	3	Vertical	294	1.63	-	24.75	32.74	9.71	34.14
AV	7.3686G	51.71	54.00	-2.29	13.43	3	Vertical	328	1.38	-	38.28	36.59	11.33	34.49
PK	4.9158G	45.40	74.00	-28.60	8.34	3	Vertical	294	1.63	-	37.06	32.76	9.72	34.14
PK	7.3806G	66.70	74.00	-7.30	13.37	3	Vertical	328	1.38	-	53.33	36.52	11.34	34.49

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

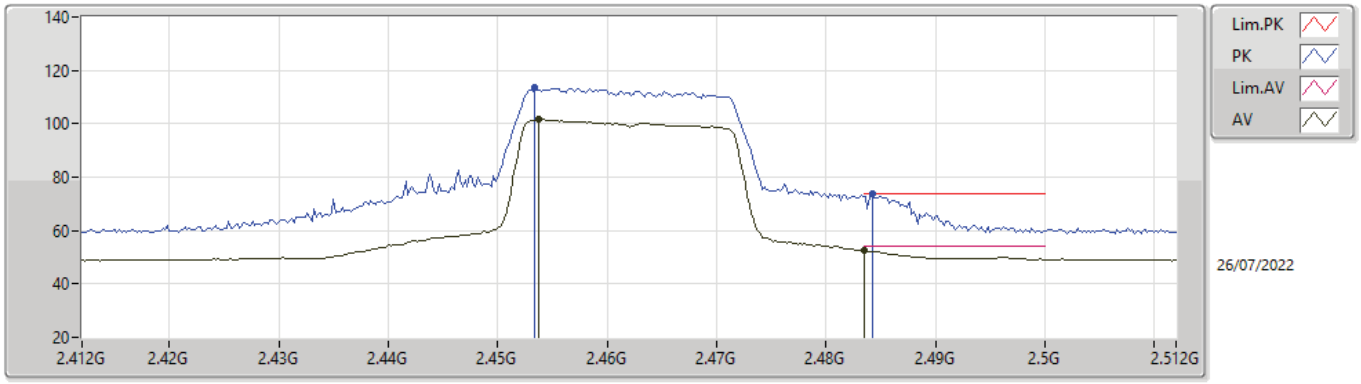
2457MHz_TX



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	4.91472G	33.99	54.00	-20.01	8.34	3	Horizontal	352	2.06	-	25.65	32.76	9.72	34.14
AV	7.37184G	52.13	54.00	-1.87	13.41	3	Horizontal	32	1.77	-	38.72	36.57	11.33	34.49
PK	4.9128G	46.79	74.00	-27.21	8.33	3	Horizontal	352	2.06	-	38.46	32.75	9.72	34.14
PK	7.36308G	67.25	74.00	-6.75	13.46	3	Horizontal	32	1.77	-	53.79	36.62	11.33	34.49

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

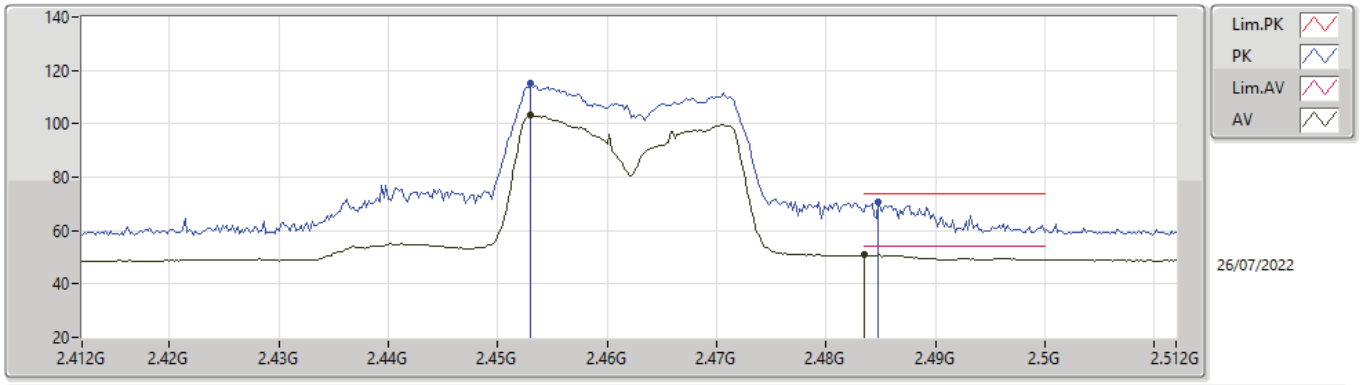
2462MHz_TX



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	2.4538G	101.59	Inf	-Inf	35.84	3	Vertical	23	2.53	-	65.75	27.52	8.32	-
AV	2.4835G	52.41	54.00	-1.59	36.04	3	Vertical	23	2.53	-	16.37	27.70	8.34	-
PK	2.4534G	113.62	Inf	-Inf	35.84	3	Vertical	23	2.53	-	77.78	27.52	8.32	-
PK	2.4842G	73.78	74.00	-0.22	36.05	3	Vertical	23	2.53	-	37.73	27.71	8.34	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

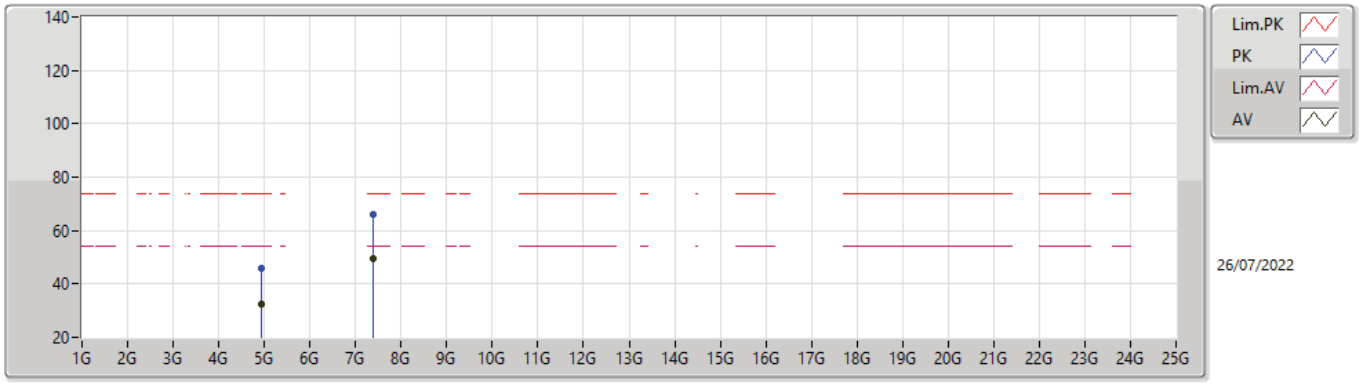
2462MHz_TX



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	2.453G	103.04	Inf	-Inf	35.84	3	Horizontal	256	2.34	-	67.20	27.52	8.32	-
AV	2.4835G	50.96	54.00	-3.04	36.04	3	Horizontal	256	2.34	-	14.92	27.70	8.34	-
PK	2.453G	114.93	Inf	-Inf	35.84	3	Horizontal	256	2.34	-	79.09	27.52	8.32	-
PK	2.4848G	70.66	74.00	-3.34	36.06	3	Horizontal	256	2.34	-	34.60	27.71	8.35	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

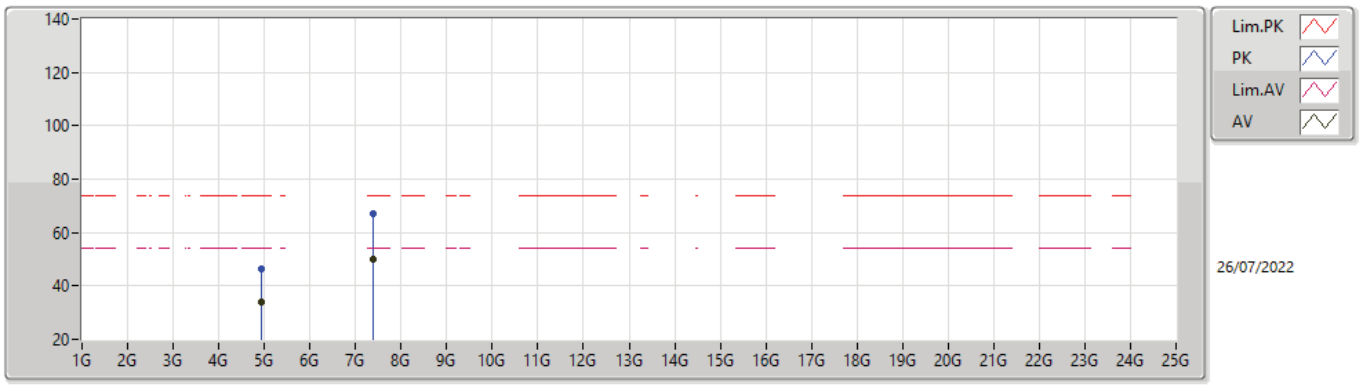
2462MHz_TX



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	4.92316G	32.38	54.00	-21.62	8.37	3	Vertical	-0	1.35	-	24.01	32.79	9.72	34.14
AV	7.38672G	49.42	54.00	-4.58	13.33	3	Vertical	64	1.60	-	36.09	36.48	11.34	34.49
PK	4.9432G	45.92	74.00	-28.08	8.47	3	Vertical	-0	1.35	-	37.45	32.87	9.73	34.13
PK	7.38324G	66.23	74.00	-7.77	13.35	3	Vertical	64	1.60	-	52.88	36.50	11.34	34.49

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

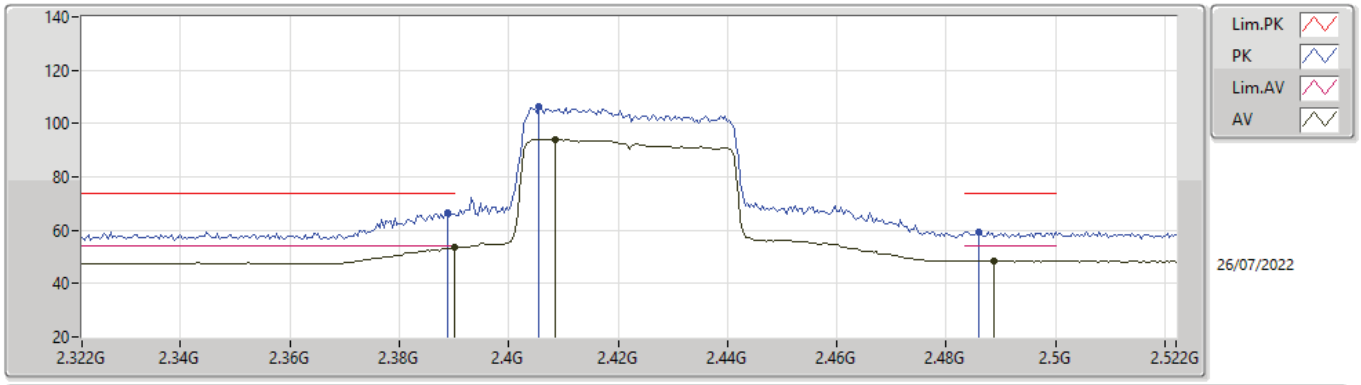
2462MHz_TX



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	4.92556G	33.78	54.00	-20.22	8.38	3	Horizontal	356	2.08	-	25.40	32.80	9.72	34.14
AV	7.38852G	49.78	54.00	-4.22	13.32	3	Horizontal	33	1.80	-	36.46	36.47	11.34	34.49
PK	4.92856G	46.27	74.00	-27.73	8.40	3	Horizontal	356	2.08	-	37.87	32.81	9.72	34.13
PK	7.37712G	67.14	74.00	-6.86	13.39	3	Horizontal	33	1.80	-	53.75	36.54	11.34	34.49

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

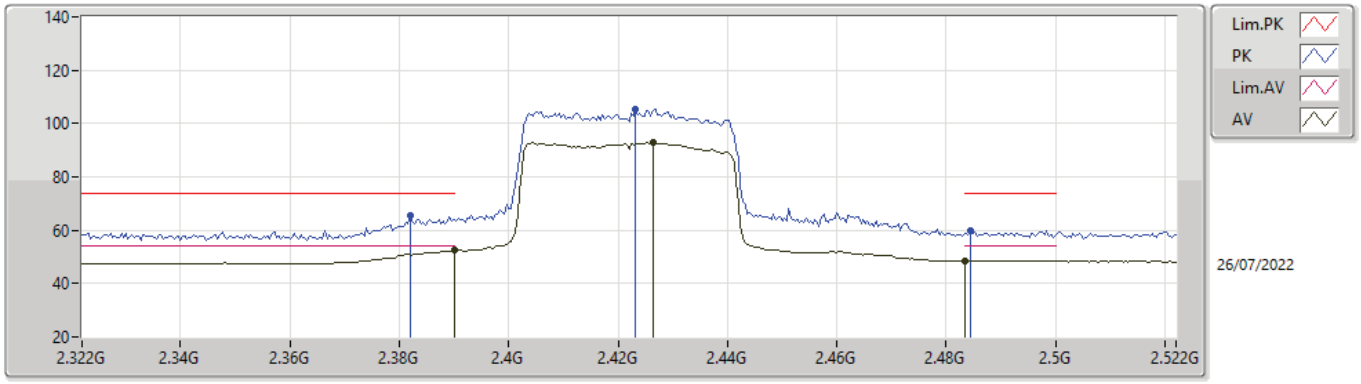
2422MHz_TX



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	2.39G	53.44	54.00	-0.56	35.56	3	Vertical	-0	1.64	-	17.88	27.28	8.28	-
AV	2.4084G	94.11	Inf	-Inf	35.63	3	Vertical	-0	1.64	-	58.48	27.33	8.30	-
AV	2.4888G	48.52	54.00	-5.48	36.08	3	Vertical	-0	1.64	-	12.44	27.73	8.35	-
PK	2.3888G	66.52	74.00	-7.48	35.56	3	Vertical	-0	1.64	-	30.96	27.28	8.28	-
PK	2.4056G	106.27	Inf	-Inf	35.61	3	Vertical	-0	1.64	-	70.66	27.32	8.29	-
PK	2.486G	59.51	74.00	-14.49	36.07	3	Vertical	-0	1.64	-	23.44	27.72	8.35	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

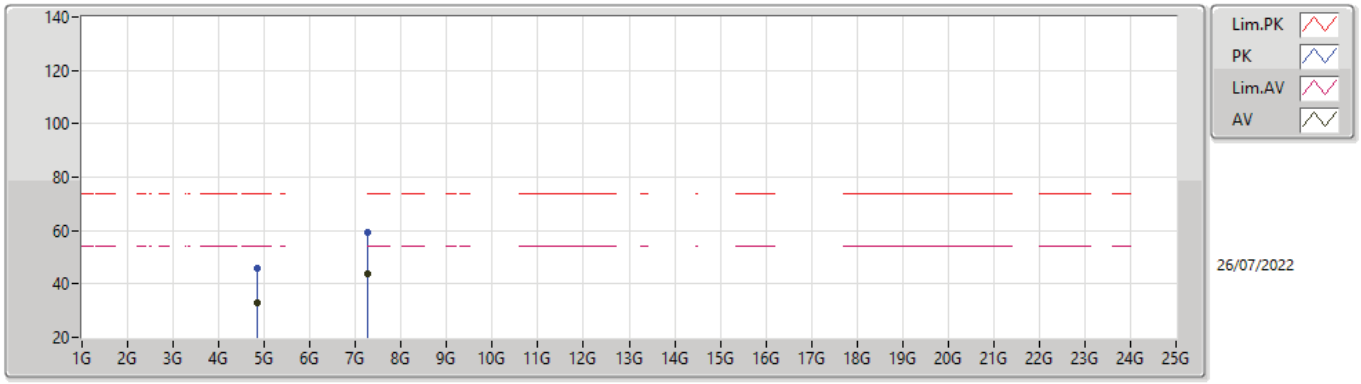
2422MHz_TX



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	2.39G	52.46	54.00	-1.54	35.56	3	Horizontal	46	1.00	-	16.90	27.28	8.28	-
AV	2.4264G	92.77	Inf	-Inf	35.72	3	Horizontal	46	1.00	-	57.05	27.41	8.31	-
AV	2.4835G	48.48	54.00	-5.52	36.04	3	Horizontal	46	1.00	-	12.44	27.70	8.34	-
PK	2.382G	65.48	74.00	-8.52	35.54	3	Horizontal	46	1.00	-	29.94	27.26	8.28	-
PK	2.4232G	105.25	Inf	-Inf	35.70	3	Horizontal	46	1.00	-	69.55	27.39	8.31	-
PK	2.4844G	60.04	74.00	-13.96	36.05	3	Horizontal	46	1.00	-	23.99	27.71	8.34	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

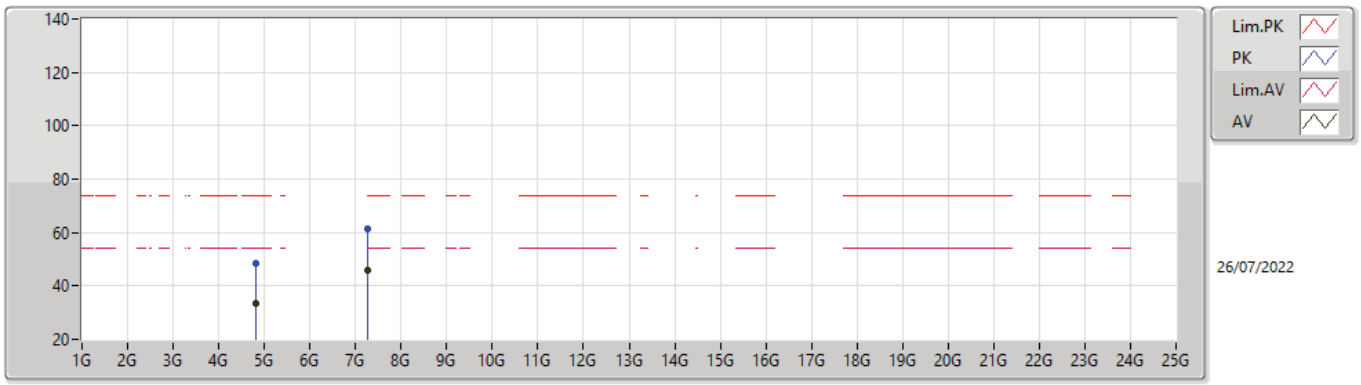
2422MHz_TX



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	4.84388G	32.70	54.00	-21.30	8.11	3	Vertical	334	2.67	-	24.59	32.59	9.69	34.17
AV	7.25656G	44.01	54.00	-9.99	13.50	3	Vertical	66	1.82	-	30.51	36.69	11.31	34.50
PK	4.84568G	45.93	74.00	-28.07	8.11	3	Vertical	334	2.67	-	37.82	32.59	9.69	34.17
PK	7.27032G	59.26	74.00	-14.74	13.47	3	Vertical	66	1.82	-	45.79	36.66	11.31	34.50

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

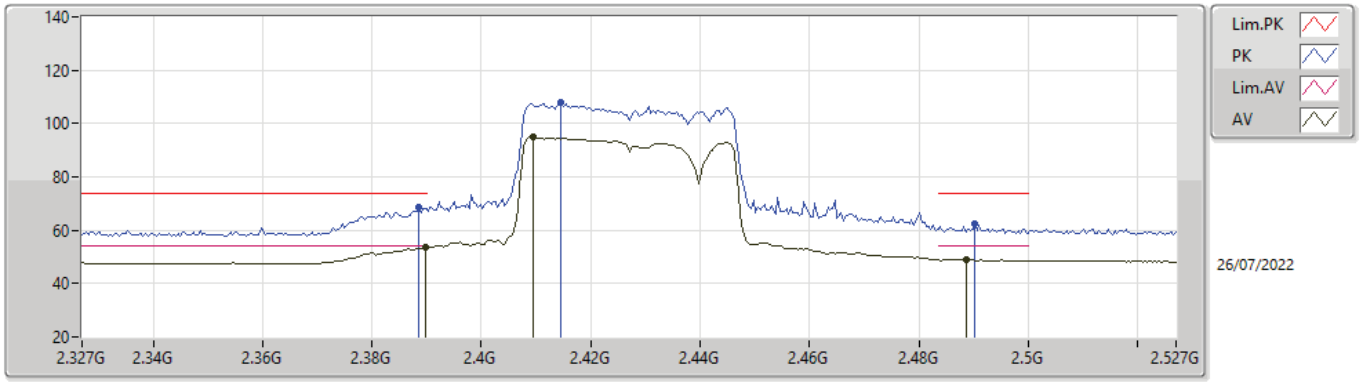
2422MHz_TX



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	4.82264G	33.45	54.00	-20.55	8.04	3	Horizontal	346	1.74	-	25.41	32.55	9.68	34.19
AV	7.25612G	45.91	54.00	-8.09	13.50	3	Horizontal	38	1.86	-	32.41	36.69	11.31	34.50
PK	4.82252G	48.28	74.00	-25.72	8.04	3	Horizontal	346	1.74	-	40.24	32.55	9.68	34.19
PK	7.27028G	61.16	74.00	-12.84	13.47	3	Horizontal	38	1.86	-	47.69	36.66	11.31	34.50

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

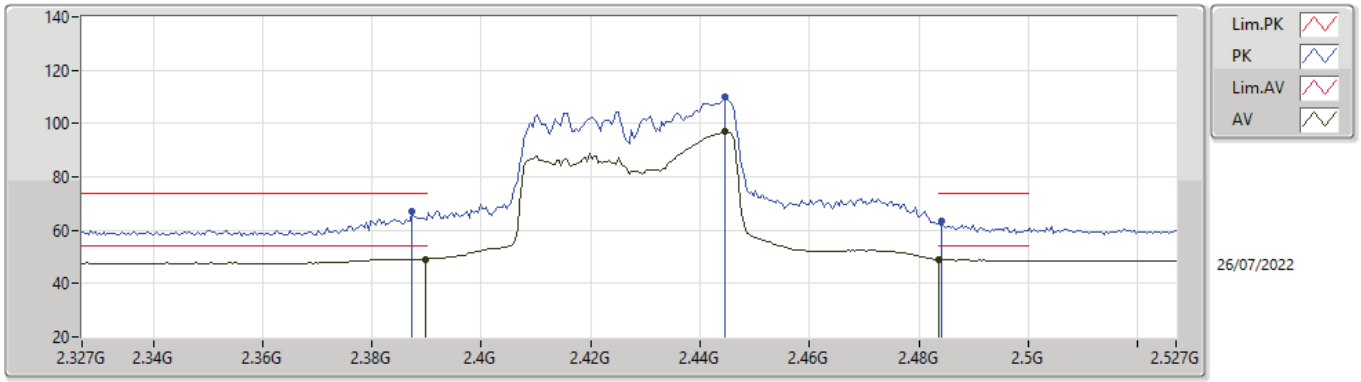
2427MHz_TX



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	53.52	54.00	-0.48	35.56	3	Vertical	280	1.50	-	17.96	27.28	8.28	-
AV	2.4094G	94.99	Inf	-Inf	35.64	3	Vertical	280	1.50	-	59.35	27.34	8.30	-
AV	2.4886G	49.01	54.00	-4.99	36.08	3	Vertical	280	1.50	-	12.93	27.73	8.35	-
PK	2.3886G	68.61	74.00	-5.39	35.56	3	Vertical	280	1.50	-	33.05	27.28	8.28	-
PK	2.4146G	107.70	Inf	-Inf	35.66	3	Vertical	280	1.50	-	72.04	27.36	8.30	-
PK	2.4902G	62.40	74.00	-11.60	36.09	3	Vertical	280	1.50	-	26.31	27.74	8.35	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

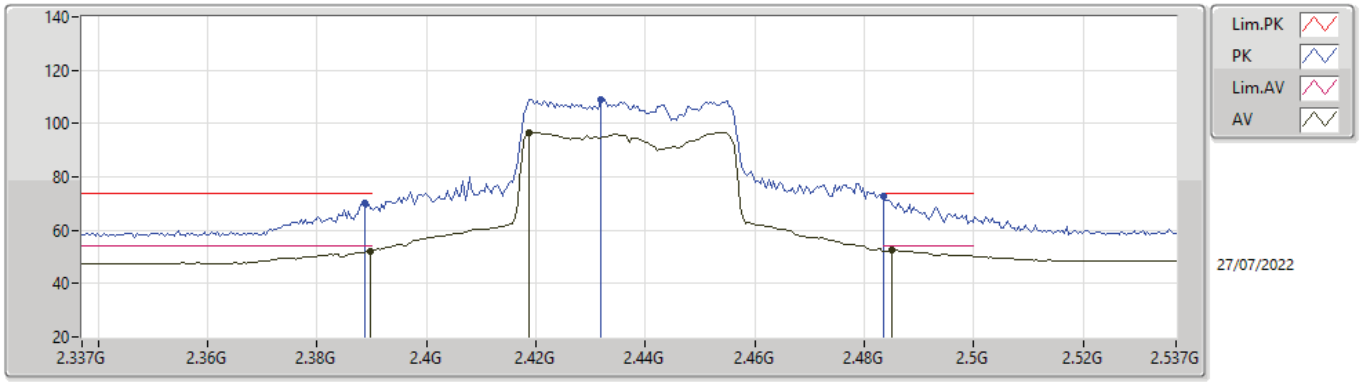
2427MHz_TX



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	49.21	54.00	-4.79	35.56	3	Horizontal	61	1.69	-	13.65	27.28	8.28	-
AV	2.4446G	97.16	Inf	-Inf	35.80	3	Horizontal	61	1.69	-	61.36	27.48	8.32	-
AV	2.4835G	48.90	54.00	-5.10	36.04	3	Horizontal	61	1.69	-	12.86	27.70	8.34	-
PK	2.3874G	67.05	74.00	-6.95	35.55	3	Horizontal	61	1.69	-	31.50	27.27	8.28	-
PK	2.4446G	109.94	Inf	-Inf	35.80	3	Horizontal	61	1.69	-	74.14	27.48	8.32	-
PK	2.4842G	63.41	74.00	-10.59	36.05	3	Horizontal	61	1.69	-	27.36	27.71	8.34	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

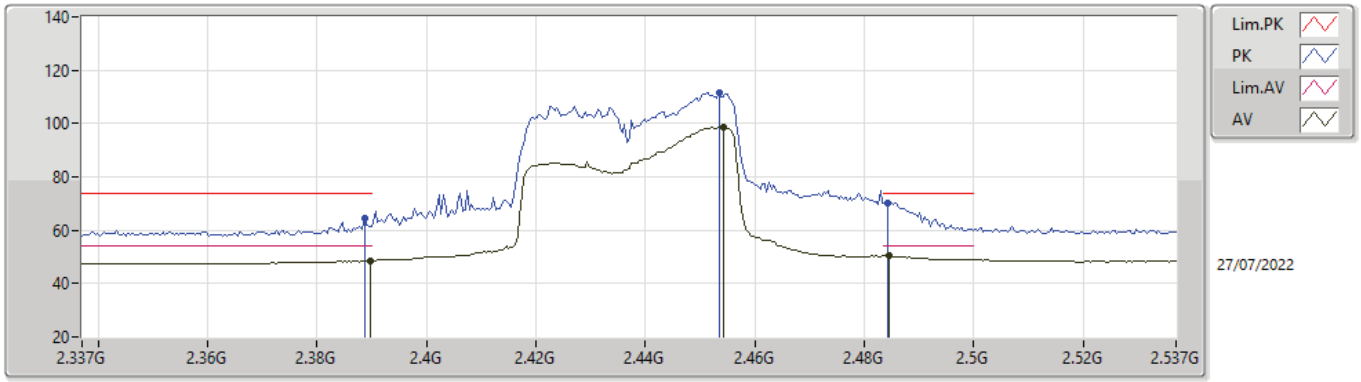
2437MHz_TX



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	2.3898G	52.25	54.00	-1.75	35.56	3	Vertical	304	2.24	-	16.69	27.28	8.28	-
AV	2.4186G	96.81	Inf	-Inf	35.67	3	Vertical	304	2.24	-	61.14	27.37	8.30	-
AV	2.485G	52.56	54.00	-1.44	36.06	3	Vertical	304	2.24	-	16.50	27.71	8.35	-
PK	2.3886G	70.08	74.00	-3.92	35.56	3	Vertical	304	2.24	-	34.52	27.28	8.28	-
PK	2.4318G	109.20	Inf	-Inf	35.74	3	Vertical	304	2.24	-	73.46	27.43	8.31	-
PK	2.4835G	72.98	74.00	-1.02	36.04	3	Vertical	304	2.24	-	36.94	27.70	8.34	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

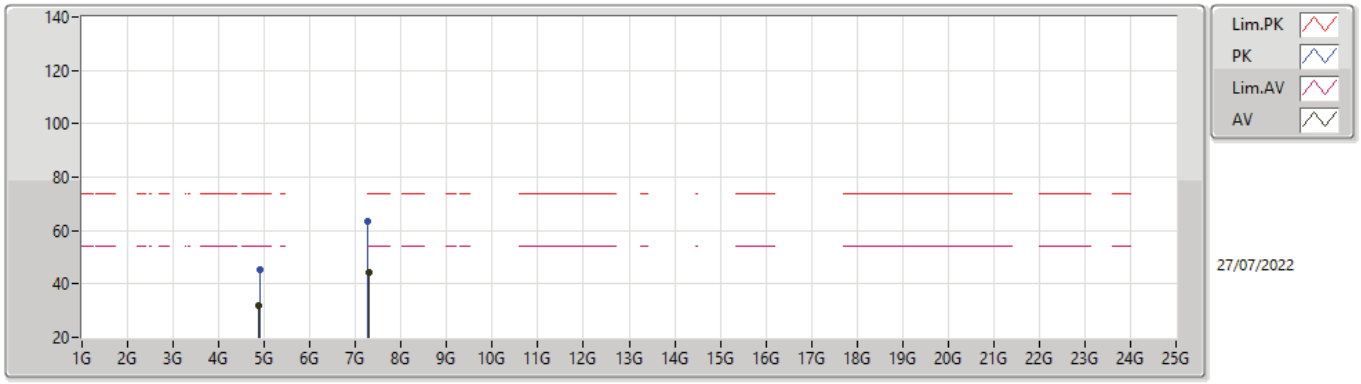
2437MHz_TX



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	2.3898G	48.39	54.00	-5.61	35.56	3	Horizontal	63	2.09	-	12.83	27.28	8.28	-
AV	2.4542G	98.53	Inf	-Inf	35.86	3	Horizontal	63	2.09	-	62.67	27.53	8.33	-
AV	2.4846G	50.48	54.00	-3.52	36.05	3	Horizontal	63	2.09	-	14.43	27.71	8.34	-
PK	2.3886G	64.24	74.00	-9.76	35.56	3	Horizontal	63	2.09	-	28.68	27.28	8.28	-
PK	2.4534G	111.63	Inf	-Inf	35.84	3	Horizontal	63	2.09	-	75.79	27.52	8.32	-
PK	2.4842G	70.16	74.00	-3.84	36.05	3	Horizontal	63	2.09	-	34.11	27.71	8.34	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

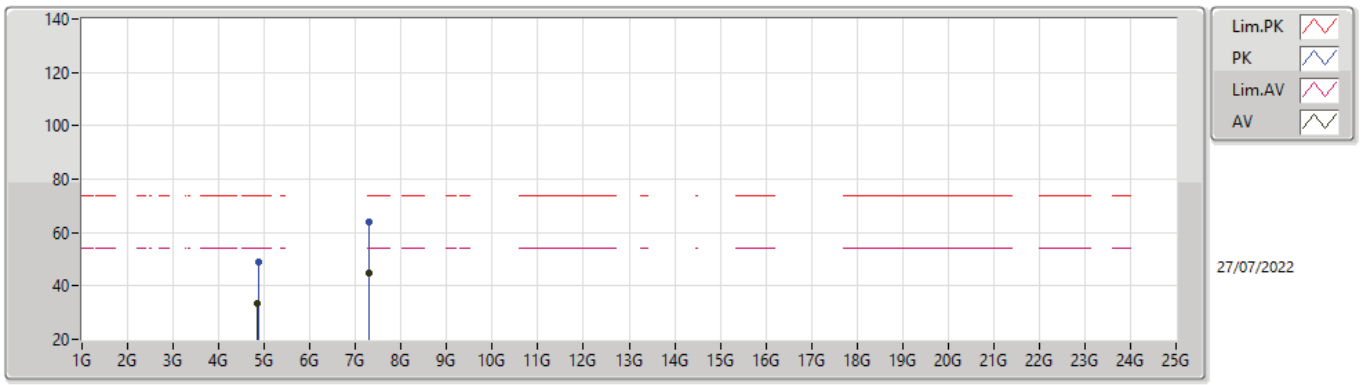
2437MHz_TX



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	4.86424G	31.90	54.00	-22.10	8.16	3	Vertical	299	1.56	-	23.74	32.63	9.70	34.17
AV	7.28956G	44.07	54.00	-9.93	13.44	3	Vertical	74	1.68	-	30.63	36.62	11.32	34.50
PK	4.89832G	45.09	74.00	-28.91	8.26	3	Vertical	299	1.56	-	36.83	32.70	9.71	34.15
PK	7.27148G	63.47	74.00	-10.53	13.47	3	Vertical	74	1.68	-	50.00	36.66	11.31	34.50

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

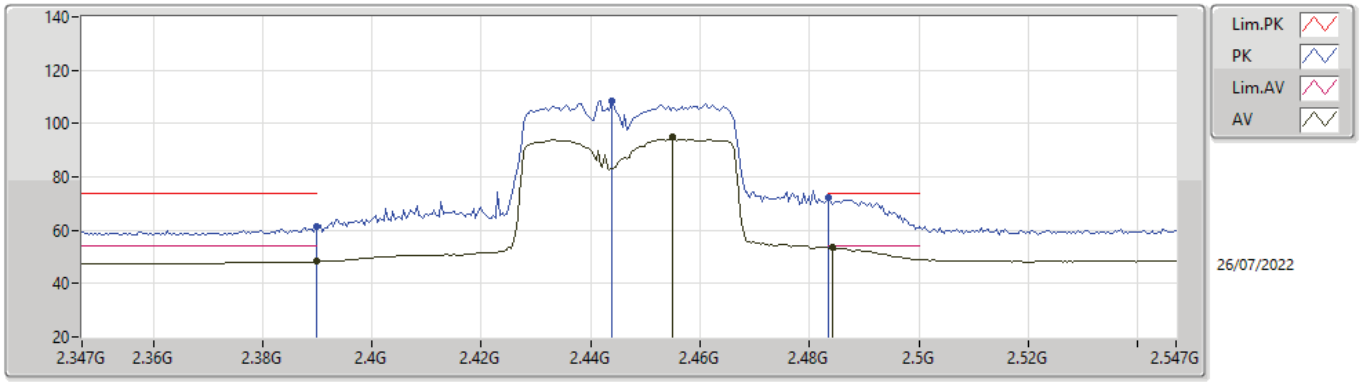
2437MHz_TX



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	4.85848G	33.23	54.00	-20.77	8.14	3	Horizontal	346	2.26	-	25.09	32.62	9.69	34.17
AV	7.2858G	44.57	54.00	-9.43	13.45	3	Horizontal	31	1.88	-	31.12	36.63	11.32	34.50
PK	4.874G	49.16	74.00	-24.84	8.19	3	Horizontal	346	2.26	-	40.97	32.65	9.70	34.16
PK	7.2828G	63.88	74.00	-10.12	13.45	3	Horizontal	31	1.88	-	50.43	36.63	11.32	34.50

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

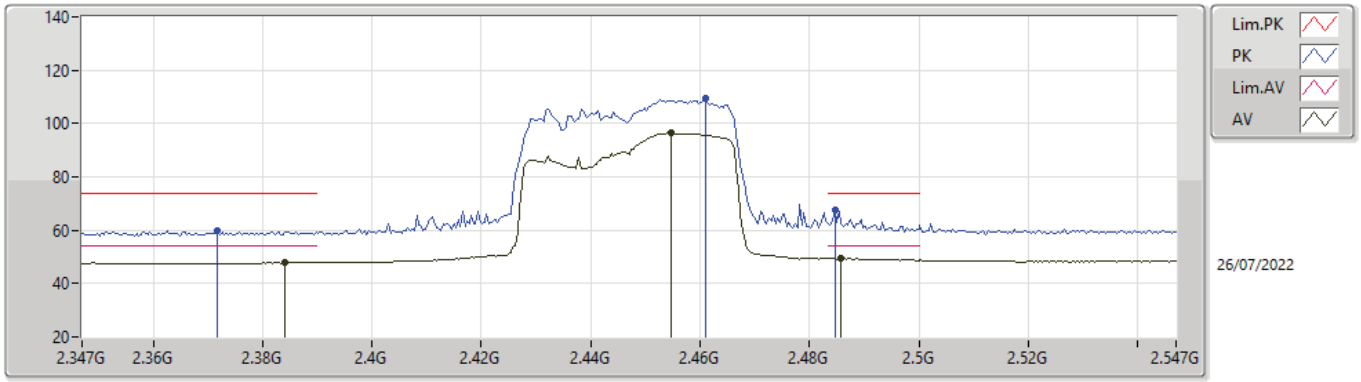
2447MHz_TX



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	2.3898G	48.23	54.00	-5.77	35.56	3	Vertical	307	1.93	-	12.67	27.28	8.28	-
AV	2.455G	94.82	Inf	-Inf	35.86	3	Vertical	307	1.93	-	58.96	27.53	8.33	-
AV	2.4842G	53.38	54.00	-0.62	36.05	3	Vertical	307	1.93	-	17.33	27.71	8.34	-
PK	2.3898G	61.60	74.00	-12.40	35.56	3	Vertical	307	1.93	-	26.04	27.28	8.28	-
PK	2.4438G	108.34	Inf	-Inf	35.80	3	Vertical	307	1.93	-	72.54	27.48	8.32	-
PK	2.4835G	72.10	74.00	-1.90	36.04	3	Vertical	307	1.93	-	36.06	27.70	8.34	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

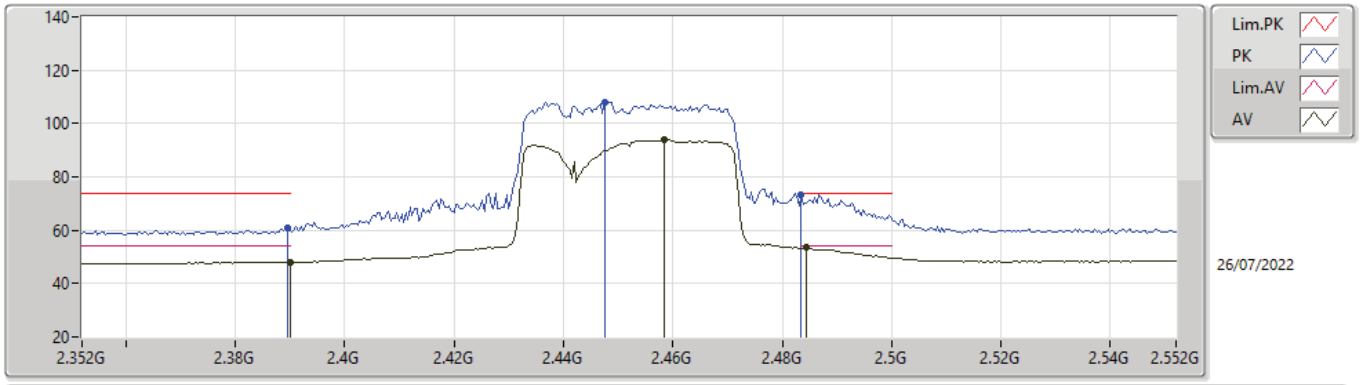
2447MHz_TX



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	2.3842G	47.94	54.00	-6.06	35.55	3	Horizontal	58	2.08	-	12.39	27.27	8.28	-
AV	2.4546G	96.43	Inf	-Inf	35.86	3	Horizontal	58	2.08	-	60.57	27.53	8.33	-
AV	2.4858G	49.42	54.00	-4.58	36.06	3	Horizontal	58	2.08	-	13.36	27.71	8.35	-
PK	2.3718G	59.78	74.00	-14.22	35.51	3	Horizontal	58	2.08	-	24.27	27.24	8.27	-
PK	2.461G	109.23	Inf	-Inf	35.90	3	Horizontal	58	2.08	-	73.33	27.57	8.33	-
PK	2.4846G	67.73	74.00	-6.27	36.05	3	Horizontal	58	2.08	-	31.68	27.71	8.34	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

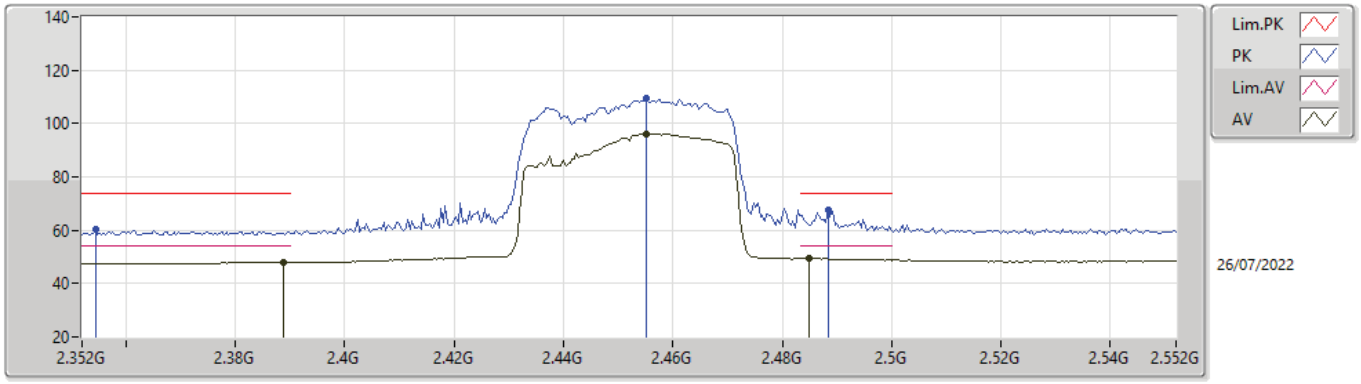
2452MHz_TX



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	2.39G	48.15	54.00	-5.85	35.56	3	Vertical	305	1.44	-	12.59	27.28	8.28	-
AV	2.4584G	93.90	Inf	-Inf	35.88	3	Vertical	305	1.44	-	58.02	27.55	8.33	-
AV	2.4844G	53.44	54.00	-0.56	36.05	3	Vertical	305	1.44	-	17.39	27.71	8.34	-
PK	2.3896G	61.09	74.00	-12.91	35.56	3	Vertical	305	1.44	-	25.53	27.28	8.28	-
PK	2.4476G	108.13	Inf	-Inf	35.81	3	Vertical	305	1.44	-	72.32	27.49	8.32	-
PK	2.4835G	73.27	74.00	-0.73	36.04	3	Vertical	305	1.44	-	37.23	27.70	8.34	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

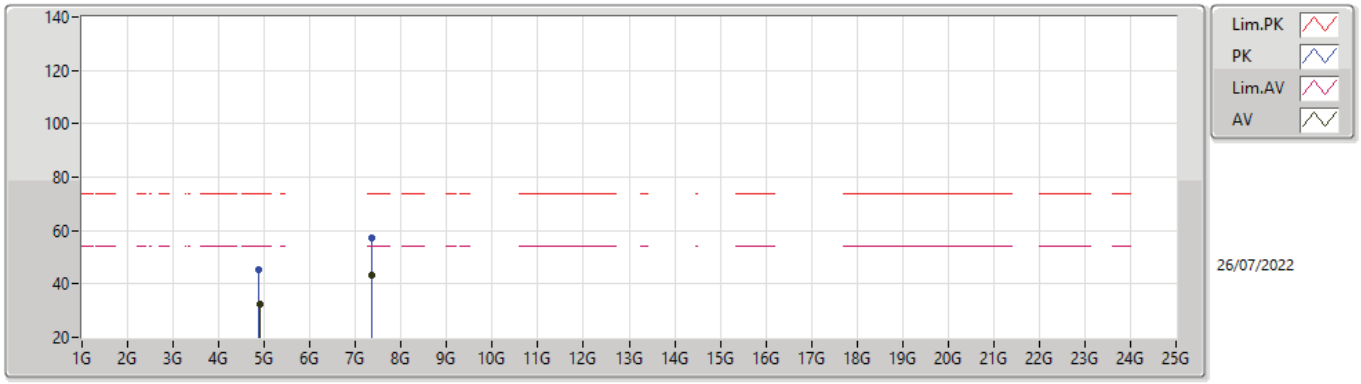
2452MHz_TX



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	2.3888G	47.87	54.00	-6.13	35.56	3	Horizontal	53	2.09	-	12.31	27.28	8.28	-
AV	2.4552G	96.09	Inf	-Inf	35.86	3	Horizontal	53	2.09	-	60.23	27.53	8.33	-
AV	2.4848G	49.65	54.00	-4.35	36.06	3	Horizontal	53	2.09	-	13.59	27.71	8.35	-
PK	2.3544G	60.18	74.00	-13.82	35.47	3	Horizontal	53	2.09	-	24.71	27.21	8.26	-
PK	2.4552G	109.34	Inf	-Inf	35.86	3	Horizontal	53	2.09	-	73.48	27.53	8.33	-
PK	2.4884G	67.39	74.00	-6.61	36.08	3	Horizontal	53	2.09	-	31.31	27.73	8.35	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

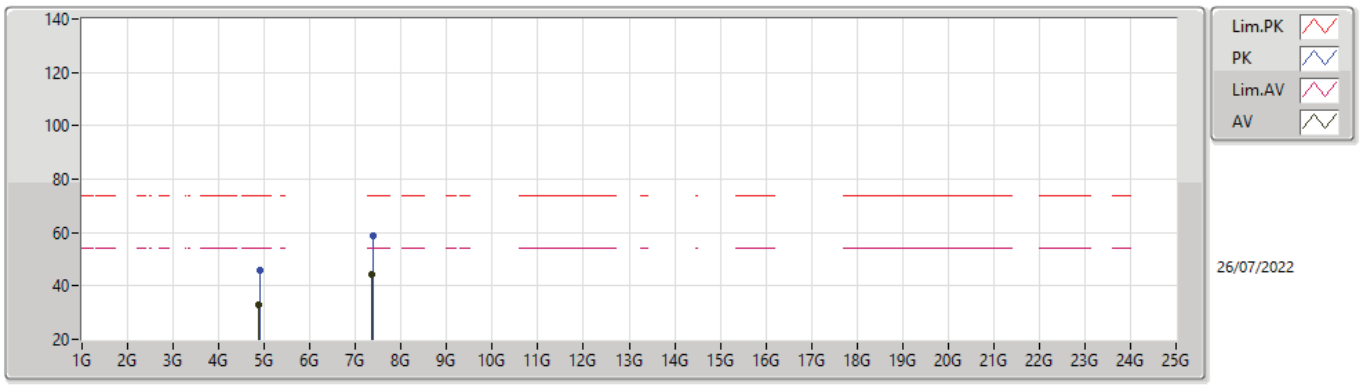
2452MHz_TX



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	4.89696G	32.18	54.00	-21.82	8.25	3	Vertical	336	2.67	-	23.93	32.69	9.71	34.15
AV	7.36448G	43.28	54.00	-10.72	13.45	3	Vertical	72	1.75	-	29.83	36.61	11.33	34.49
PK	4.88768G	45.13	74.00	-28.87	8.24	3	Vertical	336	2.67	-	36.89	32.68	9.71	34.15
PK	7.36608G	57.34	74.00	-16.66	13.44	3	Vertical	72	1.75	-	43.90	36.60	11.33	34.49

802.11ax HEW40-BF_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	4.88432G	33.04	54.00	-20.96	8.21	3	Horizontal	344	2.11	-	24.83	32.67	9.70	34.16
AV	7.36128G	44.09	54.00	-9.91	13.47	3	Horizontal	32	1.78	-	30.62	36.63	11.33	34.49
PK	4.89808G	45.95	74.00	-28.05	8.26	3	Horizontal	344	2.11	-	37.69	32.70	9.71	34.15
PK	7.37136G	58.62	74.00	-15.38	13.41	3	Horizontal	32	1.78	-	45.21	36.57	11.33	34.49

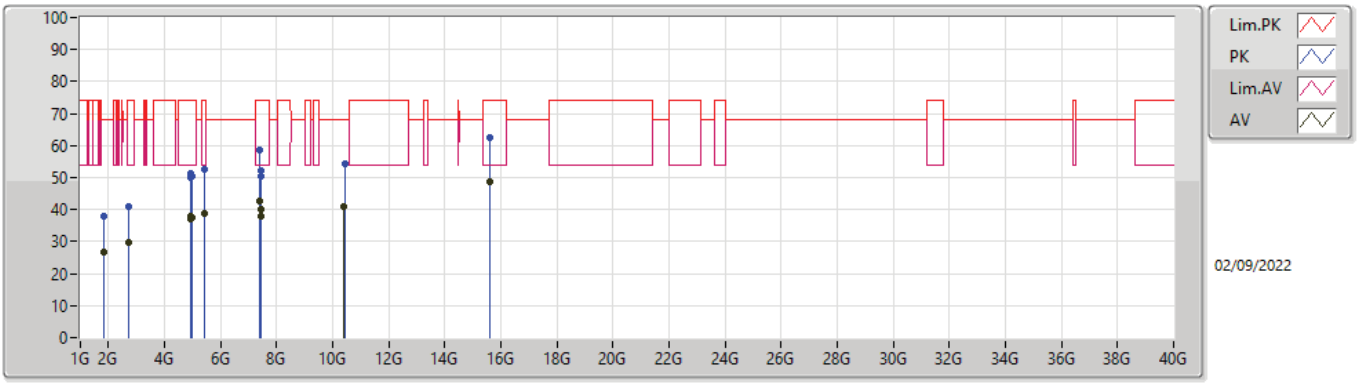
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	15.63169G	49.01	54.00	-4.99	Horizontal

Result

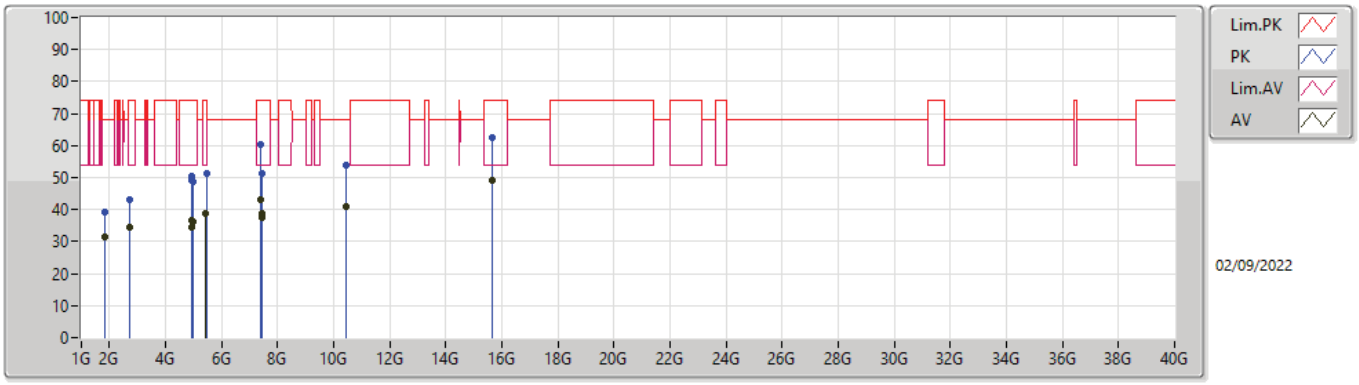
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	1.81675G	26.60	68.20	-41.60	3	Vertical	22	2.90	-
Mode 1	Pass	AV	2.72511G	29.53	54.00	-24.47	3	Vertical	350	1.68	-
Mode 1	Pass	AV	4.92393G	37.07	54.00	-16.93	3	Vertical	135	1.96	-
Mode 1	Pass	AV	4.9497G	37.98	54.00	-16.02	3	Vertical	115	1.80	-
Mode 1	Pass	AV	4.96071G	37.63	54.00	-16.37	3	Vertical	105	1.74	-
Mode 1	Pass	AV	5.44804G	38.86	54.00	-15.14	3	Vertical	106	1.73	-
Mode 1	Pass	AV	7.38449G	42.73	54.00	-11.27	3	Vertical	140	1.72	-
Mode 1	Pass	AV	7.42458G	37.72	54.00	-16.28	3	Vertical	270	1.00	-
Mode 1	Pass	AV	7.43874G	39.97	54.00	-14.03	3	Vertical	77	1.89	-
Mode 1	Pass	AV	10.41248G	40.98	68.20	-27.22	3	Vertical	242	1.02	-
Mode 1	Pass	AV	15.63077G	48.86	54.00	-5.14	3	Vertical	189	1.95	-
Mode 1	Pass	PK	1.8169G	38.05	68.20	-30.15	3	Vertical	22	2.90	-
Mode 1	Pass	PK	2.72506G	40.83	74.00	-33.17	3	Vertical	350	1.68	-
Mode 1	Pass	PK	4.92398G	50.12	74.00	-23.88	3	Vertical	135	1.96	-
Mode 1	Pass	PK	4.9498G	51.45	74.00	-22.55	3	Vertical	115	1.80	-
Mode 1	Pass	PK	4.96154G	50.62	74.00	-23.38	3	Vertical	105	1.74	-
Mode 1	Pass	PK	5.45004G	52.46	74.00	-21.54	3	Vertical	106	1.73	-
Mode 1	Pass	PK	7.38217G	58.66	74.00	-15.34	3	Vertical	140	1.72	-
Mode 1	Pass	PK	7.42528G	50.64	74.00	-23.36	3	Vertical	270	1.00	-
Mode 1	Pass	PK	7.4399G	52.23	74.00	-21.77	3	Vertical	77	1.89	-
Mode 1	Pass	PK	10.42254G	54.18	68.20	-14.02	3	Vertical	242	1.02	-
Mode 1	Pass	PK	15.62245G	62.58	74.00	-11.42	3	Vertical	189	1.95	-
Mode 1	Pass	AV	1.8167G	31.52	68.20	-36.68	3	Horizontal	293	1.58	-
Mode 1	Pass	AV	2.72514G	34.51	54.00	-19.49	3	Horizontal	300	1.06	-
Mode 1	Pass	AV	4.92399G	34.52	54.00	-19.48	3	Horizontal	319	1.48	-
Mode 1	Pass	AV	4.94911G	36.45	54.00	-17.55	3	Horizontal	142	1.74	-
Mode 1	Pass	AV	4.96047G	36.21	54.00	-17.79	3	Horizontal	151	1.50	-
Mode 1	Pass	AV	5.45032G	38.59	54.00	-15.41	3	Horizontal	328	1.77	-
Mode 1	Pass	AV	7.38647G	43.25	54.00	-10.75	3	Horizontal	353	1.67	-
Mode 1	Pass	AV	7.42219G	37.57	54.00	-16.43	3	Horizontal	40	1.95	-
Mode 1	Pass	AV	7.44129G	38.86	54.00	-15.14	3	Horizontal	35	1.50	-
Mode 1	Pass	AV	10.42264G	40.95	68.20	-27.25	3	Horizontal	190	1.91	-
Mode 1	Pass	AV	15.63169G	49.01	54.00	-4.99	3	Horizontal	46	1.50	-
Mode 1	Pass	PK	1.81678G	39.08	68.20	-29.12	3	Horizontal	293	1.58	-
Mode 1	Pass	PK	2.725G	42.94	74.00	-31.06	3	Horizontal	300	1.06	-
Mode 1	Pass	PK	4.92366G	49.20	74.00	-24.80	3	Horizontal	319	1.48	-
Mode 1	Pass	PK	4.94983G	50.26	74.00	-23.74	3	Horizontal	142	1.74	-
Mode 1	Pass	PK	4.95968G	48.68	74.00	-25.32	3	Horizontal	151	1.50	-
Mode 1	Pass	PK	5.45121G	51.49	74.00	-22.51	3	Horizontal	328	1.77	-
Mode 1	Pass	PK	7.39152G	60.30	74.00	-13.70	3	Horizontal	353	1.67	-
Mode 1	Pass	PK	7.42868G	51.21	74.00	-22.79	3	Horizontal	40	1.95	-
Mode 1	Pass	PK	7.44145G	51.34	74.00	-22.66	3	Horizontal	35	1.50	-
Mode 1	Pass	PK	10.4251G	54.04	68.20	-14.16	3	Horizontal	190	1.91	-
Mode 1	Pass	PK	15.63348G	62.31	74.00	-11.69	3	Horizontal	46	1.50	-

Radiated Emissions above 1GHz_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
AV	1.81675G	26.60	68.20	-41.60	-1.75	3	Vertical	22	2.90	-	28.35	24.87	7.54	34.16
AV	2.72511G	29.53	54.00	-24.47	2.44	3	Vertical	350	1.68	-	27.09	28.30	8.49	34.35
AV	4.92393G	37.07	54.00	-16.93	8.38	3	Vertical	135	1.96	-	28.69	32.80	9.72	34.14
AV	4.9497G	37.98	54.00	-16.02	8.51	3	Vertical	115	1.80	-	29.47	32.90	9.73	34.12
AV	4.96071G	37.63	54.00	-16.37	8.55	3	Vertical	105	1.74	-	29.08	32.94	9.73	34.12
AV	5.44804G	38.86	54.00	-15.14	8.74	3	Vertical	106	1.73	-	30.12	32.90	10.02	34.18
AV	7.38449G	42.73	54.00	-11.27	13.34	3	Vertical	140	1.72	-	29.39	36.49	11.34	34.49
AV	7.42458G	37.72	54.00	-16.28	13.13	3	Vertical	270	1.00	-	24.59	36.30	11.32	34.49
AV	7.43874G	39.97	54.00	-14.03	13.06	3	Vertical	77	1.89	-	26.91	36.25	11.30	34.49
AV	10.41248G	40.98	68.20	-27.22	16.83	3	Vertical	242	1.02	-	24.15	38.69	12.69	34.55
AV	15.63077G	48.86	54.00	-5.14	19.82	3	Vertical	189	1.95	-	29.04	38.55	15.75	34.48
PK	1.8169G	38.05	68.20	-30.15	-1.75	3	Vertical	22	2.90	-	39.80	24.87	7.54	34.16
PK	2.72506G	40.83	74.00	-33.17	2.44	3	Vertical	350	1.68	-	38.39	28.30	8.49	34.35
PK	4.92398G	50.12	74.00	-23.88	8.38	3	Vertical	135	1.96	-	41.74	32.80	9.72	34.14
PK	4.9498G	51.45	74.00	-22.55	8.51	3	Vertical	115	1.80	-	42.94	32.90	9.73	34.12
PK	4.96154G	50.62	74.00	-23.38	8.56	3	Vertical	105	1.74	-	42.06	32.95	9.73	34.12
PK	5.45004G	52.46	74.00	-21.54	8.74	3	Vertical	106	1.73	-	43.72	32.90	10.02	34.18
PK	7.38217G	58.66	74.00	-15.34	13.36	3	Vertical	140	1.72	-	45.30	36.51	11.34	34.49
PK	7.42528G	50.64	74.00	-23.36	13.12	3	Vertical	270	1.00	-	37.52	36.30	11.31	34.49
PK	7.4399G	52.23	74.00	-21.77	13.05	3	Vertical	77	1.89	-	39.18	36.24	11.30	34.49
PK	10.42254G	54.18	68.20	-14.02	16.82	3	Vertical	242	1.02	-	37.36	38.68	12.69	34.55
PK	15.62245G	62.58	74.00	-11.42	19.85	3	Vertical	189	1.95	-	42.73	38.59	15.74	34.48

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	1.8167G	31.52	68.20	-36.68	-1.75	3	Horizontal	293	1.58	-	33.27	24.87	7.54	34.16
AV	2.72514G	34.51	54.00	-19.49	2.44	3	Horizontal	300	1.06	-	32.07	28.30	8.49	34.35
AV	4.92399G	34.52	54.00	-19.48	8.38	3	Horizontal	319	1.48	-	26.14	32.80	9.72	34.14
AV	4.94911G	36.45	54.00	-17.55	8.51	3	Horizontal	142	1.74	-	27.94	32.90	9.73	34.12
AV	4.96047G	36.21	54.00	-17.79	8.55	3	Horizontal	151	1.50	-	27.66	32.94	9.73	34.12
AV	5.45032G	38.59	54.00	-15.41	8.74	3	Horizontal	328	1.77	-	29.85	32.90	10.02	34.18
AV	7.38647G	43.25	54.00	-10.75	13.33	3	Horizontal	353	1.67	-	29.92	36.48	11.34	34.49
AV	7.42219G	37.57	54.00	-16.43	13.14	3	Horizontal	40	1.95	-	24.43	36.31	11.32	34.49
AV	7.44129G	38.86	54.00	-15.14	13.04	3	Horizontal	35	1.50	-	25.82	36.23	11.30	34.49
AV	10.42264G	40.95	68.20	-27.25	16.82	3	Horizontal	190	1.91	-	24.13	38.68	12.69	34.55
AV	15.63169G	49.01	54.00	-4.99	19.81	3	Horizontal	46	1.50	-	29.20	38.54	15.75	34.48
PK	1.81678G	39.08	68.20	-29.12	-1.75	3	Horizontal	293	1.58	-	40.83	24.87	7.54	34.16
PK	2.725G	42.94	74.00	-31.06	2.44	3	Horizontal	300	1.06	-	40.50	28.30	8.49	34.35
PK	4.92366G	49.20	74.00	-24.80	8.37	3	Horizontal	319	1.48	-	40.83	32.79	9.72	34.14
PK	4.94983G	50.26	74.00	-23.74	8.51	3	Horizontal	142	1.74	-	41.75	32.90	9.73	34.12
PK	4.95968G	48.68	74.00	-25.32	8.55	3	Horizontal	151	1.50	-	40.13	32.94	9.73	34.12
PK	5.45121G	51.49	74.00	-22.51	8.74	3	Horizontal	328	1.77	-	42.75	32.90	10.02	34.18
PK	7.39152G	60.30	74.00	-13.70	13.30	3	Horizontal	353	1.67	-	47.00	36.45	11.34	34.49
PK	7.42868G	51.21	74.00	-22.79	13.11	3	Horizontal	40	1.95	-	38.10	36.29	11.31	34.49
PK	7.44145G	51.34	74.00	-22.66	13.04	3	Horizontal	35	1.50	-	38.30	36.23	11.30	34.49
PK	10.4251G	54.04	68.20	-14.16	16.83	3	Horizontal	190	1.91	-	37.21	38.67	12.70	34.54
PK	15.63348G	62.31	74.00	-11.69	19.80	3	Horizontal	46	1.50	-	42.51	38.53	15.75	34.48