FCC Radio Test Report

FCC ID	:	HDC-648E
Equipment	:	WiFi6 module
Brand Name	:	ADTRAN®
Model Name	:	W648eYYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")
Applicant	:	Adtran 901 Explorer Blvd., Huntsville, AL 35806, USA
Manufacturer	:	XAVi Technologies Corporati 22F., No.69, Sec. 2, Guangfu Rd., Sanchong Dist., New Taipei City 241, Taiwan (R.O.C.)
Standard	:	47 CFR FCC Part 15.247

The product was received on Aug. 25, 2021, and testing was started from Sep. 01, 2021 and completed on Sep. 18, 2021. 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: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR182005AC	01	Initial issue of report	Sep. 30, 2021

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: Ben Tseng

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	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11ax HEW20	20	4TX
2.4-2.4835GHz	802.11ax HEW40	40	4TX

Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11ax HEW20-BF	20	4TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	4TX

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	GALTRONICS	60-2961-03-4	PCB	U.FL	2.56
2	GALTRONICS	60-3569-03-2	PCB	U.FL	2.56
3	GALTRONICS	60-3570-03-2	PCB	U.FL	2.56
4	GALTRONICS	60-2961-03-2	PCB	U.FL	2.56

Note 1: The EUT has four antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode (4TX/4RX)

Ant. 1~4 could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Test Fixture			
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)_4TX	0.971	0.13	8.417m	300
802.11g_Nss1,(6Mbps)_4TX	0.880	0.56	1.399m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.840	0.76	1.03m	1k
802.11ax HEW40_Nss1,(MCS0)_4TX	0.729	1.37	548.125u	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)_4TX	0.992	0.03	3.785m	10
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.980	0.09	1.922m	10

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

1.1.5 Table for Multiple Listing

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

Model Name	Description
W648eYYYYYY (Y can be 0-9, a-z, A-Z, blank, “+” or “-” or “#”)	All the models are identical, the different model served as marketing strategy.

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Daniel Lin	20.2~22.5°C / 53~61%	18/Sep/2021
RF Conducted	TH06-HY	Alan Chien	20.2~26.5°C / 50~62%	03/Sep/2021~15/Sep/2021
☒ Wen 33rd.St. **(TAF:** 3785**)**	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated (Non Beamforming)	03CH09-HY	Ryan Hsiao	22.5~24.1°C / 40~57%	01/Sep/2021~08/Sep/2021
Radiated (Beamforming)	03CH09-HY	Ryan Hsiao	23.1~23.8°C / 41~48%	14/Sep/2021

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Non Beamforming

Test Software	QATool_Dbg

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	22
2417MHz	22
2437MHz	22
2457MHz	20
2462MHz	20
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	17
2417MHz	18.5
2437MHz	18.5
2457MHz	18.5
2462MHz	16
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	15.5
2417MHz	17.5
2437MHz	18.5
2457MHz	18.5
2462MHz	13.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	13.5
2427MHz	13.5
2437MHz	15.5
2447MHz	14
2452MHz	13

Beamforming

Test Software	DOS

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
2412MHz	30
2417MHz	35
2437MHz	37
2457MHz	31
2462MHz	24
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
2422MHz	25
2427MHz	28
2437MHz	28
2447MHz	23
2452MHz	22

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	Test Fixture 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	Test Fixture Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT		V	

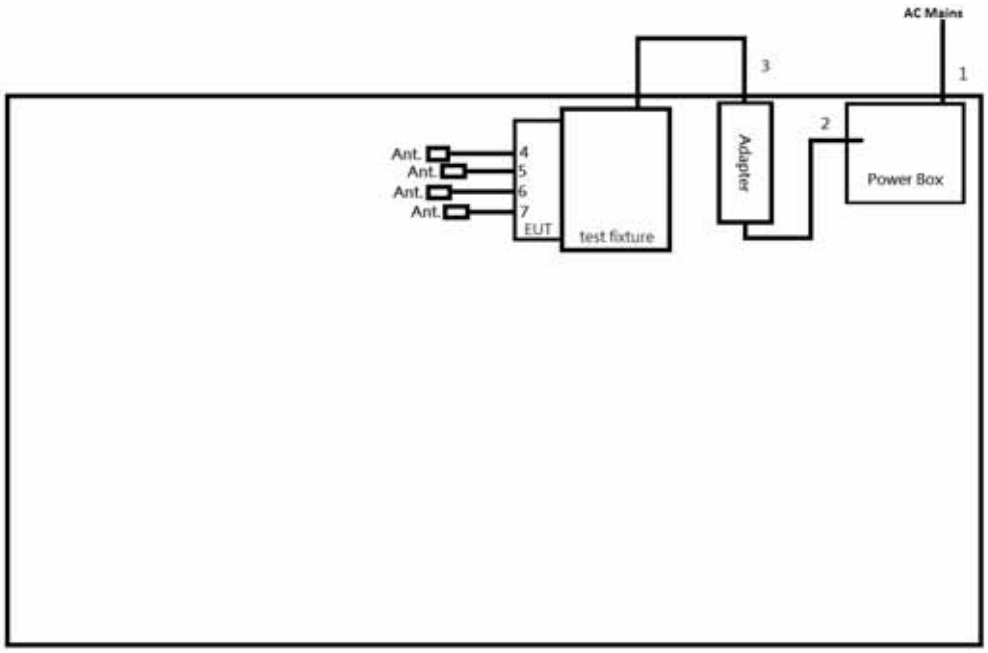
2.3 Support Equipment

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Test Fixture	ADTRAN	854v6 GigoWAN HGU	-	Provided by Customer
2	Adapter for Test Fixture	MASS POWER	S050-1A120400B3	-	-

Support Equipment – AC Conduction and Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Test Fixture	ADTRAN	854v6 GigoWAN HGU	-	Provided by Customer
2	Adapter for Test Fixture	MASS POWER	S050-1A120400B3	-	-
3	Client	ADTRAN	854-v6	-	Provided by Customer/ Remote
4	Adapter	MASS POWER	S042-1A120300VE	-	Provided by Customer/ Remote

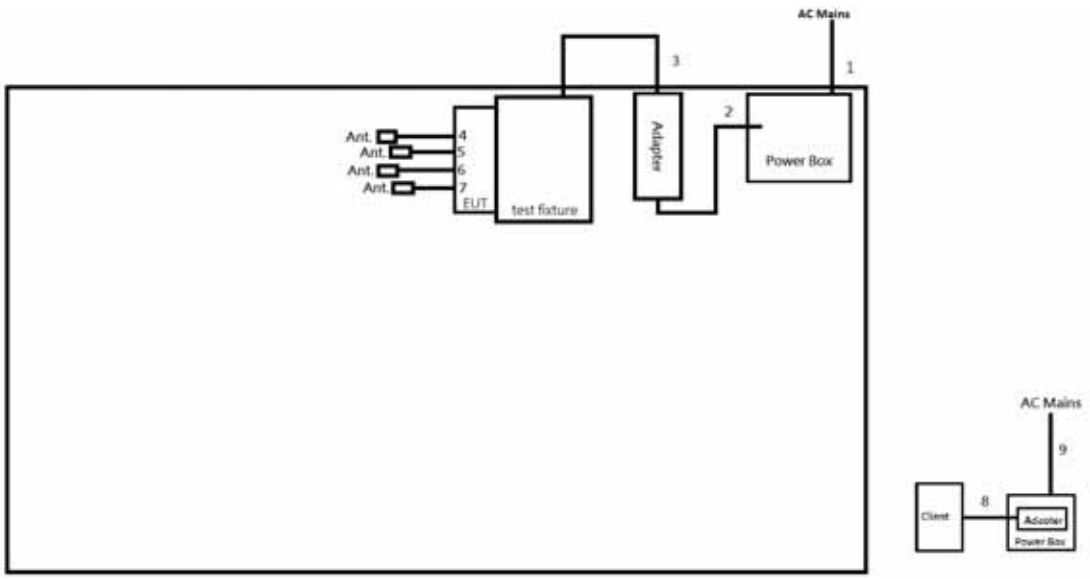
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test (Non Beamforming)



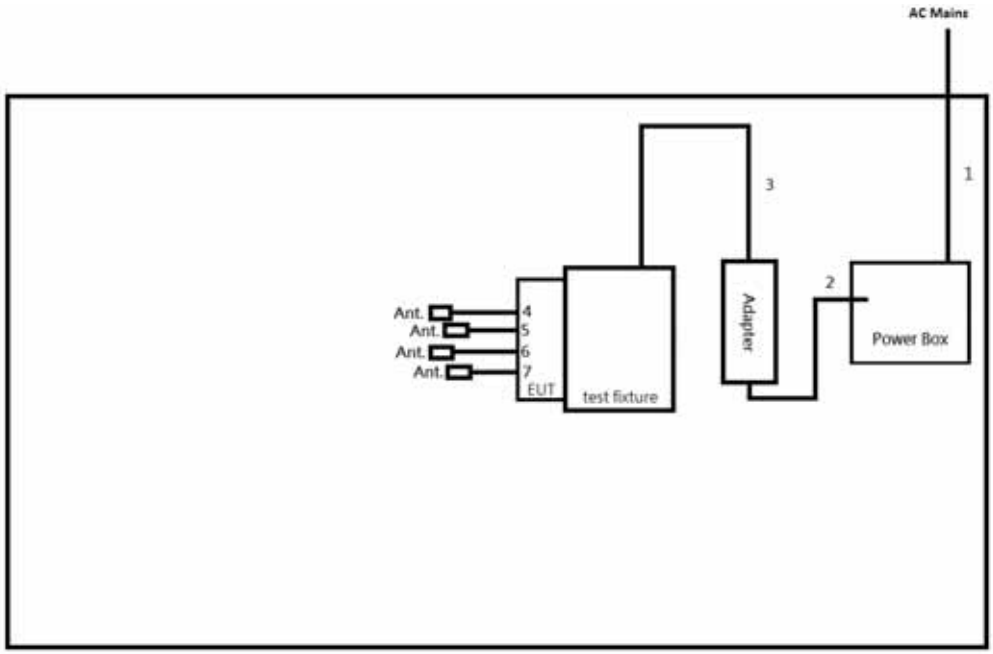
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	0.5	-
3	DC Power cable	No	1.0	-
4	Ant. cable	No	0.16	-
5	Ant. cable	No	0.12	-
6	Ant. cable	No	0.14	-
7	Ant. cable	No	0.14	-

Test Setup Diagram – AC Line Conducted Emission Test (Beamforming)



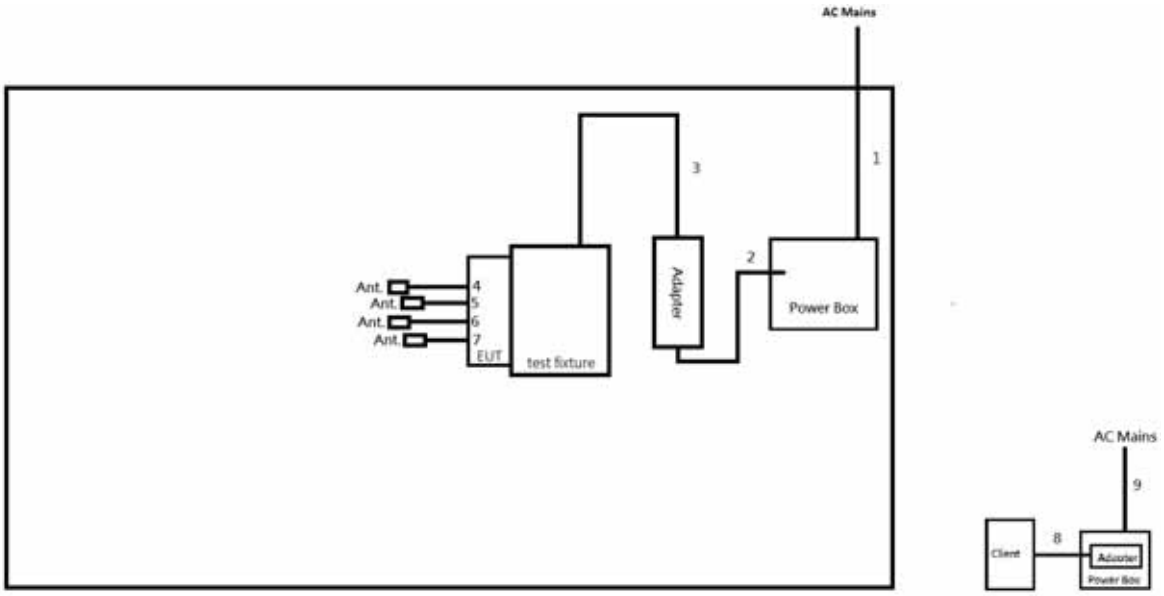
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	0.5	-
3	DC Power cable	No	1.0	-
4	Ant. cable	No	0.16	-
5	Ant. cable	No	0.12	-
6	Ant. cable	No	0.14	-
7	Ant. cable	No	0.14	-
8	DC Power cable	No	1.5	-
9	AC Power cable	No	1.8	-

Test Setup Diagram – Radiated Test (Non Beamforming)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	0.5	-
3	DC Power cable	No	1.0	-
4	Ant. cable	No	0.16	-
5	Ant. cable	No	0.12	-
6	Ant. cable	No	0.14	-
7	Ant. cable	No	0.14	-

Test Setup Diagram – Radiated Test (Beamforming)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	0.5	-
3	DC Power cable	No	1.0	-
4	Ant. cable	No	0.16	-
5	Ant. cable	No	0.12	-
6	Ant. cable	No	0.14	-
7	Ant. cable	No	0.14	-
8	DC Power cable	No	1.5	-
9	AC Power cable	No	1.8	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

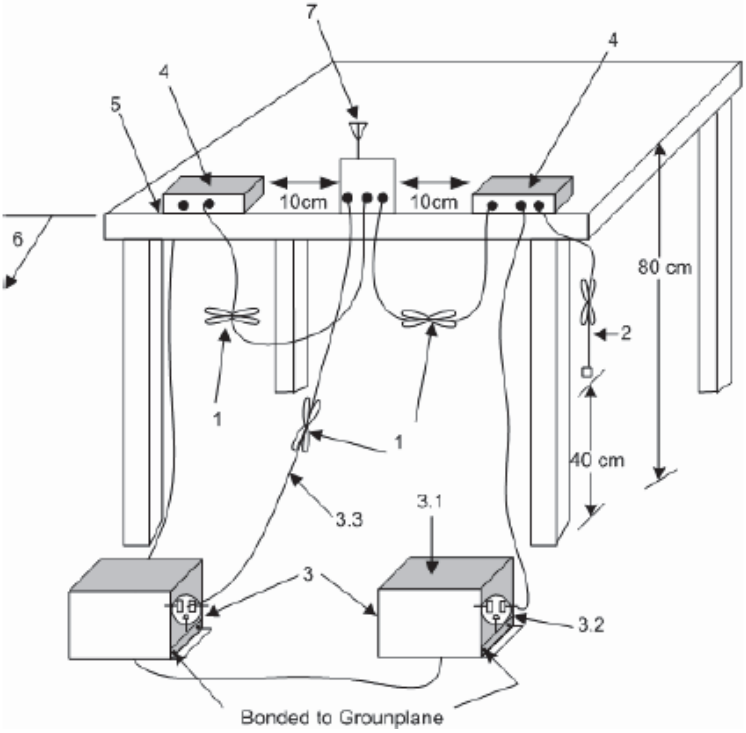
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

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

3.1.5 Test Setup

AC Power-line Conducted Emissions



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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

3.2.2 Measuring Instruments

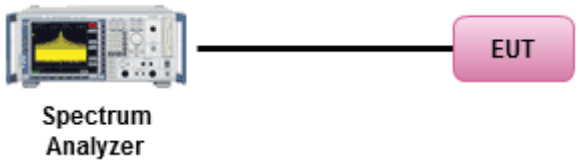
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

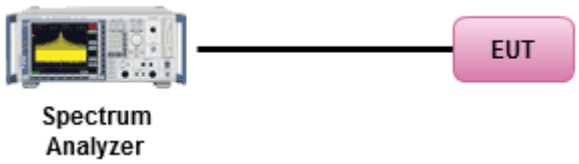
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

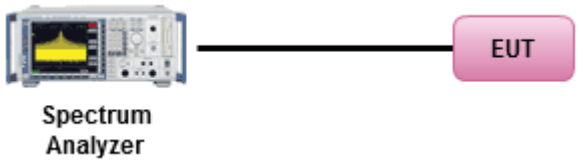
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

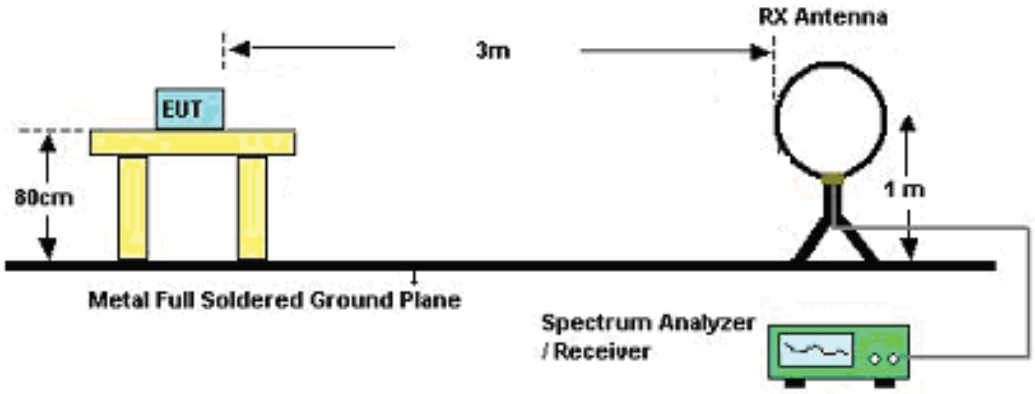
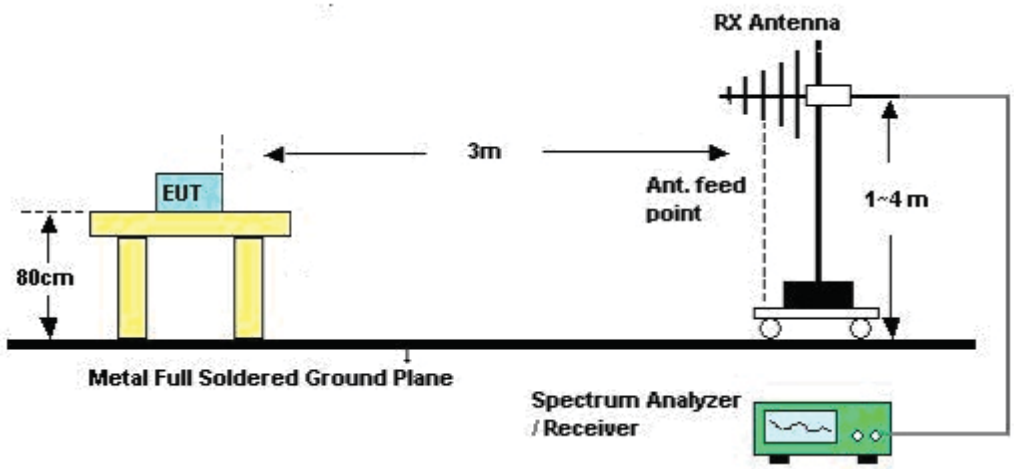
3.6.3 Test Procedures

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

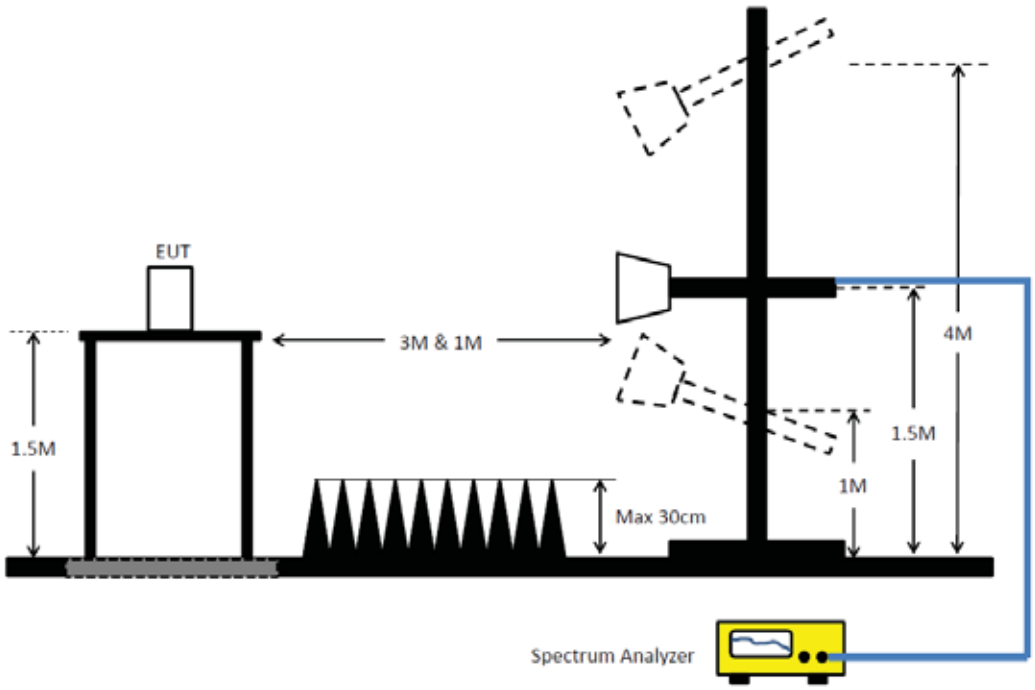
3.6.4 Measurement Results Calculation

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

3.6.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102052	9kHz ~ 3.6GHz	19/Apr/2021	18/Apr/2022
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	15/Sep/2021	14/Sep/2022

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	19/Oct/2020	18/Oct/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	26/Mar/2021	25/Mar/2022
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	18/Mar/2021	17/Mar/2022
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	13/Aug/2021	12/Aug/2022
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	12/Apr/2021	11/Apr/2022
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MTJ6 102-05	35418 & 3	30MHz~1GHz	05/Sep/2021	04/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	18/May/2021	17/May/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz~30MHz	30/Aug/2021	29/Aug/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz~1GHz	09/Feb/2021	08/Feb/2022
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	CB009	1GHz~40GHz	13/Aug/2021	12/Aug/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022

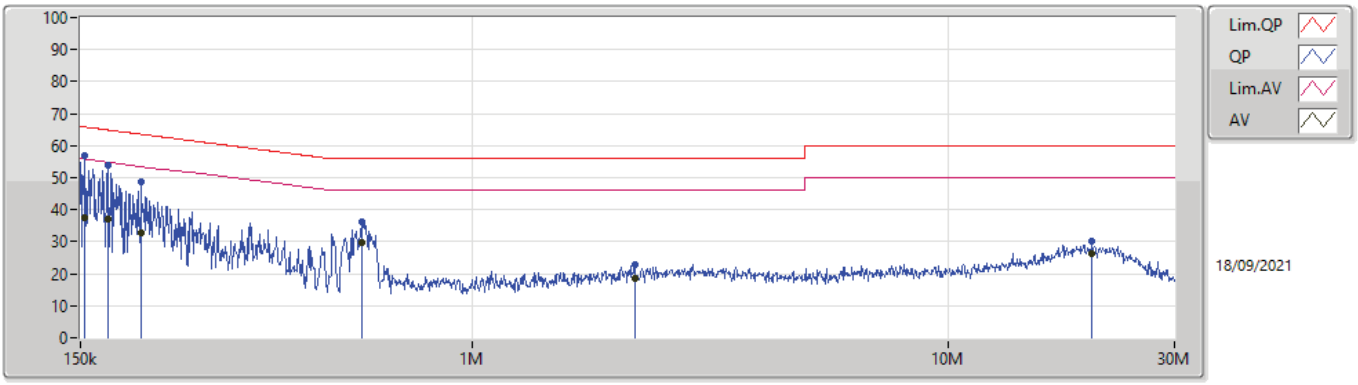
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.024k	57.05	65.83	-8.78	Line

Mode Configure

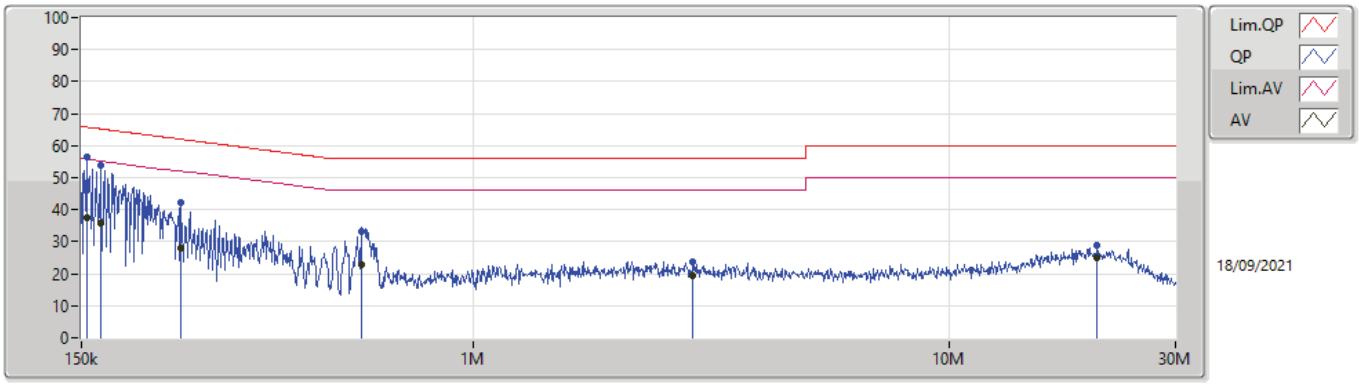
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	153.024k	57.05	65.83	-8.78	Line	-
Mode 1	Pass	AV	153.024k	37.61	55.83	-18.22	Line	-
Mode 1	Pass	QP	171.806k	54.05	64.87	-10.82	Line	-
Mode 1	Pass	AV	171.806k	37.01	54.87	-17.86	Line	-
Mode 1	Pass	QP	200.748k	48.84	63.57	-14.73	Line	-
Mode 1	Pass	AV	200.748k	32.76	53.57	-20.81	Line	-
Mode 1	Pass	QP	585.177k	36.13	56.00	-19.87	Line	-
Mode 1	Pass	AV	585.177k	29.71	46.00	-16.29	Line	-
Mode 1	Pass	QP	2.194M	22.93	56.00	-33.07	Line	-
Mode 1	Pass	AV	2.194M	18.69	46.00	-27.31	Line	-
Mode 1	Pass	QP	20.107M	30.36	60.00	-29.64	Line	-
Mode 1	Pass	AV	20.107M	26.25	50.00	-23.75	Line	-
Mode 1	Pass	QP	154.251k	56.63	65.77	-9.14	Neutral	-
Mode 1	Pass	AV	154.251k	37.40	55.77	-18.37	Neutral	-
Mode 1	Pass	QP	164.425k	54.03	65.24	-11.21	Neutral	-
Mode 1	Pass	AV	164.425k	35.84	55.24	-19.40	Neutral	-
Mode 1	Pass	QP	242.179k	42.36	62.02	-19.66	Neutral	-
Mode 1	Pass	AV	242.179k	27.83	52.02	-24.19	Neutral	-
Mode 1	Pass	QP	580.524k	33.27	56.00	-22.73	Neutral	-
Mode 1	Pass	AV	580.524k	22.91	46.00	-23.09	Neutral	-
Mode 1	Pass	QP	2.901M	23.76	56.00	-32.24	Neutral	-
Mode 1	Pass	AV	2.901M	19.49	46.00	-26.51	Neutral	-
Mode 1	Pass	QP	20.513M	29.01	60.00	-30.99	Neutral	-
Mode 1	Pass	AV	20.513M	24.82	50.00	-25.18	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	153.024k	57.05	65.83	-8.78	19.62	Line	-	37.43	9.69	0.04	9.89
AV	153.024k	37.61	55.83	-18.22	19.62	Line	-	17.99	9.69	0.04	9.89
QP	171.806k	54.05	64.87	-10.82	19.62	Line	-	34.43	9.69	0.04	9.89
AV	171.806k	37.01	54.87	-17.86	19.62	Line	-	17.39	9.69	0.04	9.89
QP	200.748k	48.84	63.57	-14.73	19.61	Line	-	29.23	9.68	0.04	9.89
AV	200.748k	32.76	53.57	-20.81	19.61	Line	-	13.15	9.68	0.04	9.89
QP	585.177k	36.13	56.00	-19.87	19.63	Line	-	16.50	9.67	0.07	9.89
AV	585.177k	29.71	46.00	-16.29	19.63	Line	-	10.08	9.67	0.07	9.89
QP	2.194M	22.93	56.00	-33.07	19.67	Line	-	3.26	9.68	0.11	9.88
AV	2.194M	18.69	46.00	-27.31	19.67	Line	-	-0.98	9.68	0.11	9.88
QP	20.107M	30.36	60.00	-29.64	19.86	Line	-	10.50	9.67	0.30	9.89
AV	20.107M	26.25	50.00	-23.75	19.86	Line	-	6.39	9.67	0.30	9.89

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	154.251k	56.63	65.77	-9.14	19.62	Neutral	-	37.01	9.69	0.04	9.89			
AV	154.251k	37.40	55.77	-18.37	19.62	Neutral	-	17.78	9.69	0.04	9.89			
QP	164.425k	54.03	65.24	-11.21	19.62	Neutral	-	34.41	9.69	0.04	9.89			
AV	164.425k	35.84	55.24	-19.40	19.62	Neutral	-	16.22	9.69	0.04	9.89			
QP	242.179k	42.36	62.02	-19.66	19.62	Neutral	-	22.74	9.68	0.05	9.89			
AV	242.179k	27.83	52.02	-24.19	19.62	Neutral	-	8.21	9.68	0.05	9.89			
QP	580.524k	33.27	56.00	-22.73	19.63	Neutral	-	13.64	9.67	0.07	9.89			
AV	580.524k	22.91	46.00	-23.09	19.63	Neutral	-	3.28	9.67	0.07	9.89			
QP	2.901M	23.76	56.00	-32.24	19.70	Neutral	-	4.06	9.69	0.12	9.89			
AV	2.901M	19.49	46.00	-26.51	19.70	Neutral	-	-0.21	9.69	0.12	9.89			
QP	20.513M	29.01	60.00	-30.99	19.94	Neutral	-	9.07	9.75	0.30	9.89			
AV	20.513M	24.82	50.00	-25.18	19.94	Neutral	-	4.88	9.75	0.30	9.89			

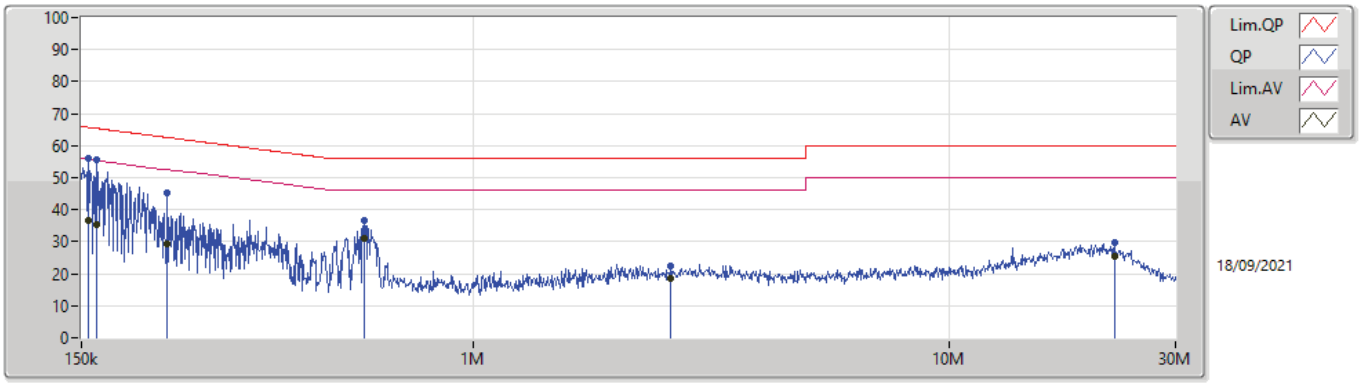
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.868k	55.90	65.73	-9.83	Line

Mode Configure

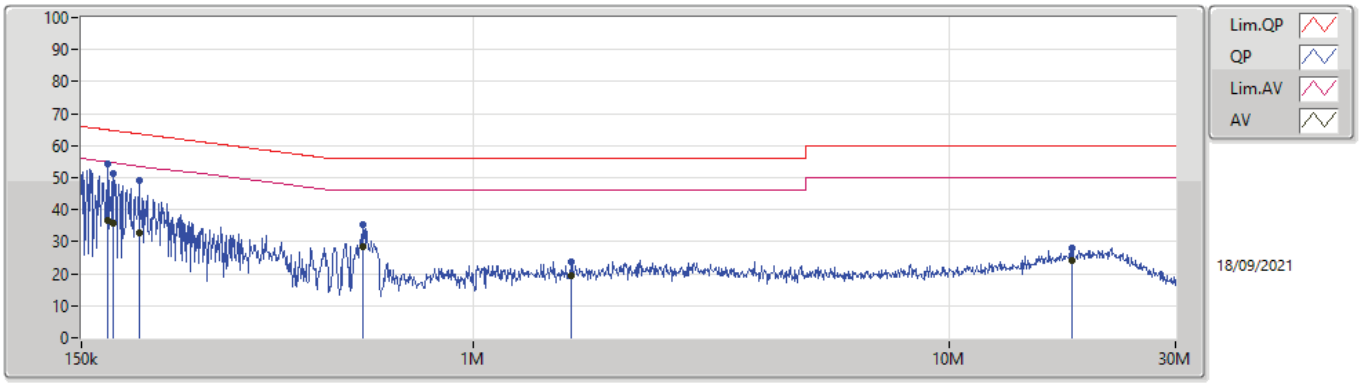
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	154.868k	55.90	65.73	-9.83	Line	-
Mode 1	Pass	AV	154.868k	36.84	55.73	-18.89	Line	-
Mode 1	Pass	QP	161.175k	55.51	65.41	-9.90	Line	-
Mode 1	Pass	AV	161.175k	35.55	55.41	-19.86	Line	-
Mode 1	Pass	QP	227.194k	45.24	62.56	-17.32	Line	-
Mode 1	Pass	AV	227.194k	29.16	52.56	-23.40	Line	-
Mode 1	Pass	QP	589.868k	36.47	56.00	-19.53	Line	-
Mode 1	Pass	AV	589.868k	31.06	46.00	-14.94	Line	-
Mode 1	Pass	QP	2.604M	22.60	56.00	-33.40	Line	-
Mode 1	Pass	AV	2.604M	18.58	46.00	-27.42	Line	-
Mode 1	Pass	QP	22.307M	29.54	60.00	-30.46	Line	-
Mode 1	Pass	AV	22.307M	25.64	50.00	-24.36	Line	-
Mode 1	Pass	QP	169.76k	54.11	64.97	-10.86	Neutral	-
Mode 1	Pass	AV	169.76k	36.81	54.97	-18.16	Neutral	-
Mode 1	Pass	QP	175.269k	51.22	64.70	-13.48	Neutral	-
Mode 1	Pass	AV	175.269k	35.76	54.70	-18.94	Neutral	-
Mode 1	Pass	QP	198.359k	49.07	63.69	-14.62	Neutral	-
Mode 1	Pass	AV	198.359k	32.97	53.69	-20.72	Neutral	-
Mode 1	Pass	QP	585.177k	35.17	56.00	-20.83	Neutral	-
Mode 1	Pass	AV	585.177k	28.40	46.00	-17.60	Neutral	-
Mode 1	Pass	QP	1.613M	23.66	56.00	-32.34	Neutral	-
Mode 1	Pass	AV	1.613M	19.40	46.00	-26.60	Neutral	-
Mode 1	Pass	QP	18.125M	28.19	60.00	-31.81	Neutral	-
Mode 1	Pass	AV	18.125M	24.22	50.00	-25.78	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	55.90	65.73	-9.83	19.62	Line	-	36.28	9.69	0.04	9.89
AV	154.868k	36.84	55.73	-18.89	19.62	Line	-	17.22	9.69	0.04	9.89
QP	161.175k	55.51	65.41	-9.90	19.62	Line	-	35.89	9.69	0.04	9.89
AV	161.175k	35.55	55.41	-19.86	19.62	Line	-	15.93	9.69	0.04	9.89
QP	227.194k	45.24	62.56	-17.32	19.61	Line	-	25.63	9.68	0.04	9.89
AV	227.194k	29.16	52.56	-23.40	19.61	Line	-	9.55	9.68	0.04	9.89
QP	589.868k	36.47	56.00	-19.53	19.63	Line	-	16.84	9.67	0.07	9.89
AV	589.868k	31.06	46.00	-14.94	19.63	Line	-	11.43	9.67	0.07	9.89
QP	2.604M	22.60	56.00	-33.40	19.68	Line	-	2.92	9.68	0.12	9.88
AV	2.604M	18.58	46.00	-27.42	19.68	Line	-	-1.10	9.68	0.12	9.88
QP	22.307M	29.54	60.00	-30.46	19.83	Line	-	9.71	9.63	0.31	9.89
AV	22.307M	25.64	50.00	-24.36	19.83	Line	-	5.81	9.63	0.31	9.89

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	169.76k	54.11	64.97	-10.86	19.62	Neutral	-	34.49	9.69	0.04	9.89
AV	169.76k	36.81	54.97	-18.16	19.62	Neutral	-	17.19	9.69	0.04	9.89
QP	175.269k	51.22	64.70	-13.48	19.61	Neutral	-	31.61	9.68	0.04	9.89
AV	175.269k	35.76	54.70	-18.94	19.61	Neutral	-	16.15	9.68	0.04	9.89
QP	198.359k	49.07	63.69	-14.62	19.61	Neutral	-	29.46	9.68	0.04	9.89
AV	198.359k	32.97	53.69	-20.72	19.61	Neutral	-	13.36	9.68	0.04	9.89
QP	585.177k	35.17	56.00	-20.83	19.63	Neutral	-	15.54	9.67	0.07	9.89
AV	585.177k	28.40	46.00	-17.60	19.63	Neutral	-	8.77	9.67	0.07	9.89
QP	1.613M	23.66	56.00	-32.34	19.65	Neutral	-	4.01	9.68	0.09	9.88
AV	1.613M	19.40	46.00	-26.60	19.65	Neutral	-	-0.25	9.68	0.09	9.88
QP	18.125M	28.19	60.00	-31.81	19.92	Neutral	-	8.27	9.75	0.28	9.89
AV	18.125M	24.22	50.00	-25.78	19.92	Neutral	-	4.30	9.75	0.28	9.89

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)_4TX	8.525M	12.819M	12M8G1D	7.55M	12.719M
802.11g_Nss1,(6Mbps)_4TX	15.65M	16.492M	16M5D1D	15.05M	16.367M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.575M	18.941M	18M9D1D	17.625M	18.816M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.55M	37.831M	37M8D1D	35.65M	37.681M

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

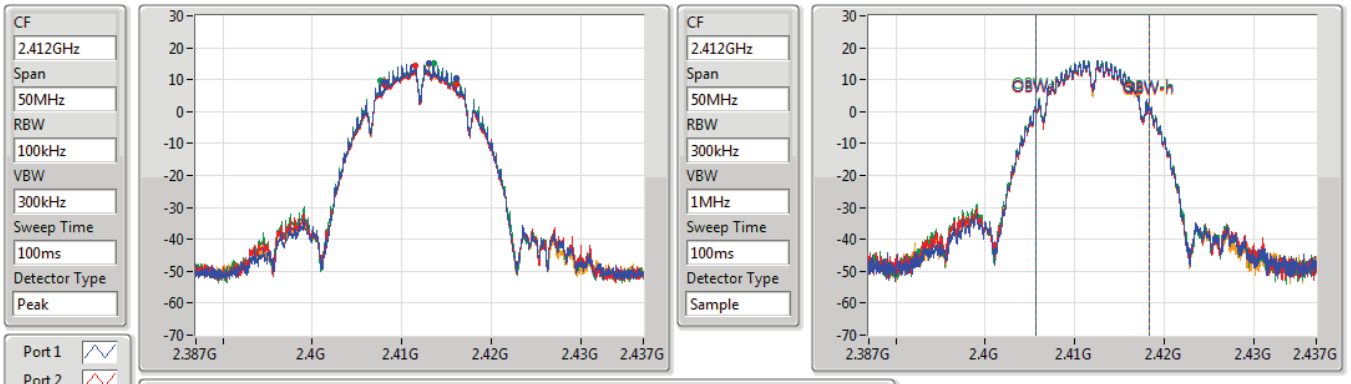
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	8M	12.744M	8.025M	12.744M	8.525M	12.744M	8M	12.719M
2437MHz	Pass	500k	8.05M	12.769M	8.05M	12.819M	8.05M	12.794M	7.55M	12.744M
2462MHz	Pass	500k	8.025M	12.744M	8.025M	12.794M	8.025M	12.719M	8M	12.744M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	15.075M	16.442M	15.1M	16.467M	15.125M	16.367M	15.65M	16.442M
2437MHz	Pass	500k	15.1M	16.492M	15.05M	16.442M	15.075M	16.467M	15.05M	16.417M
2462MHz	Pass	500k	15.125M	16.392M	15.075M	16.417M	15.05M	16.467M	15.05M	16.417M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	17.9M	18.841M	18.35M	18.866M	18.325M	18.841M	18.575M	18.816M
2437MHz	Pass	500k	17.95M	18.916M	17.825M	18.916M	18.25M	18.891M	18.3M	18.916M
2462MHz	Pass	500k	18.475M	18.916M	17.625M	18.891M	18M	18.891M	18.35M	18.941M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	36.75M	37.731M	36.55M	37.681M	36.3M	37.781M	37.15M	37.731M
2437MHz	Pass	500k	36.6M	37.681M	37.55M	37.831M	36.4M	37.731M	36.25M	37.731M
2452MHz	Pass	500k	36.2M	37.781M	35.65M	37.781M	37.3M	37.781M	37.5M	37.781M

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

802.11b_Nss1,(1Mbps)_4TX EBW

2412MHz

03/09/2021

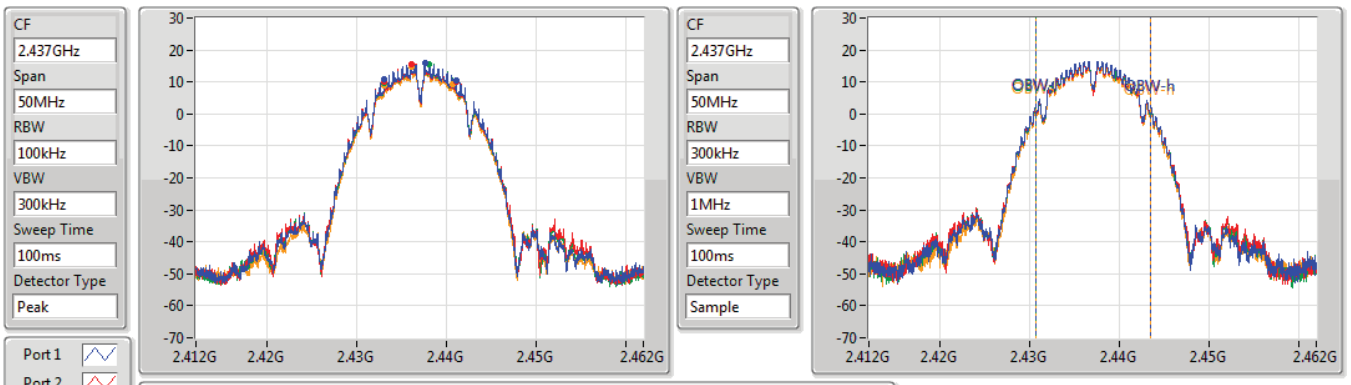


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8M	2.40805G	2.41605G	12.744M	2.405653G	2.418397G	500k	1
8.025M	2.40805G	2.416075G	12.744M	2.405653G	2.418397G	500k	2
8.525M	2.407575G	2.4161G	12.744M	2.405653G	2.418397G	500k	3
8M	2.408075G	2.416075G	12.719M	2.405678G	2.418397G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2437MHz

03/09/2021

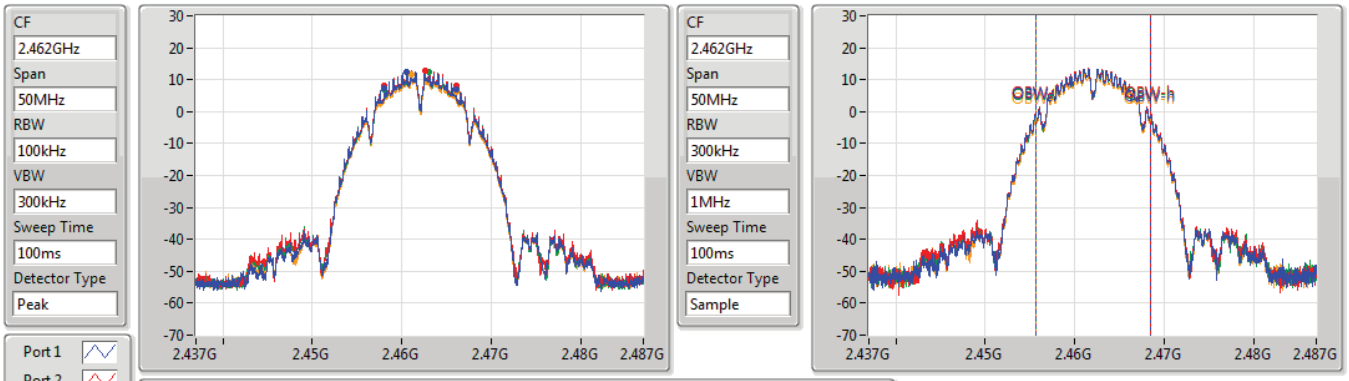


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.43305G	2.4411G	12.769M	2.430678G	2.443447G	500k	1
8.05M	2.43305G	2.4411G	12.819M	2.430653G	2.443472G	500k	2
8.05M	2.43305G	2.4411G	12.794M	2.430678G	2.443472G	500k	3
7.55M	2.433075G	2.440625G	12.744M	2.430703G	2.443447G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2462MHz

03/09/2021

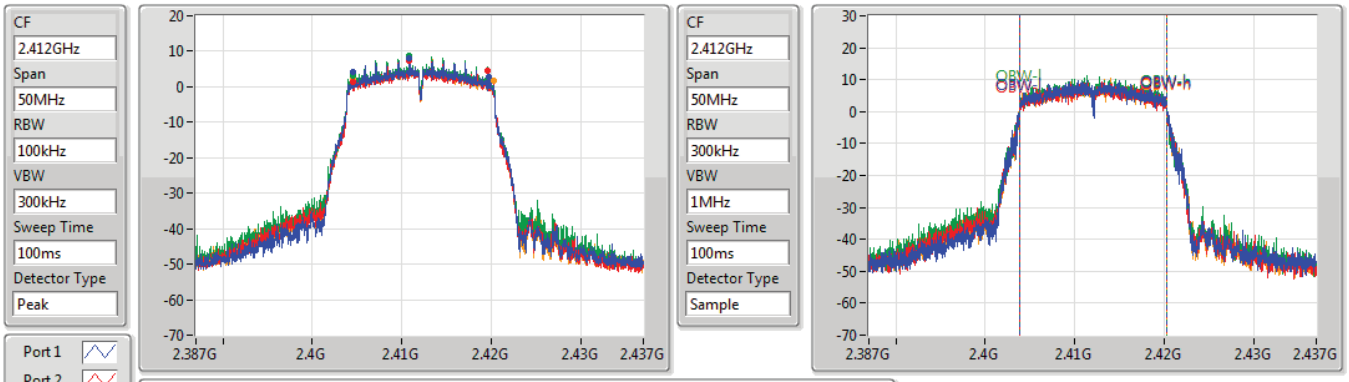


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.458075G	2.4661G	12.744M	2.455678G	2.468422G	500k	1
8.025M	2.458075G	2.4661G	12.794M	2.455678G	2.468472G	500k	2
8.025M	2.458075G	2.4661G	12.719M	2.455703G	2.468422G	500k	3
8M	2.458075G	2.466075G	12.744M	2.455703G	2.468447G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2412MHz

03/09/2021

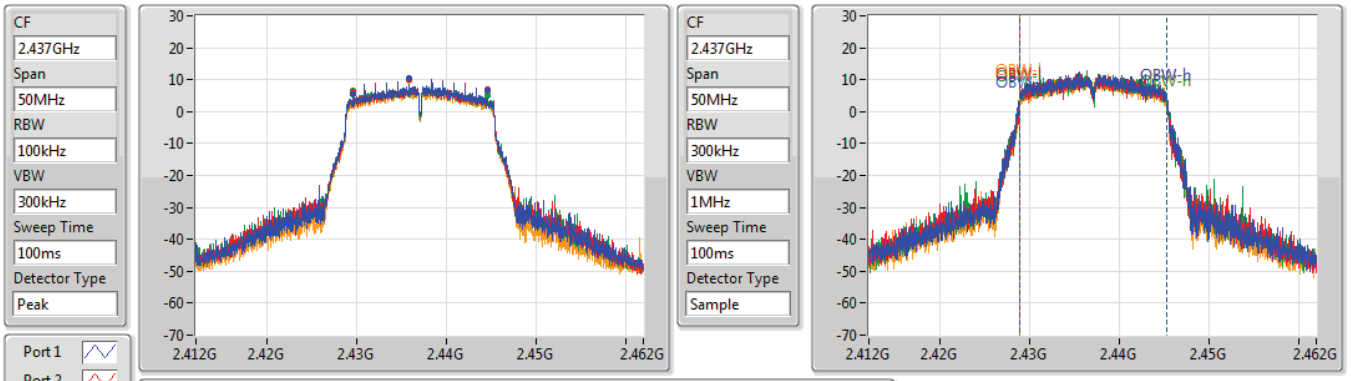


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.4046G	2.419675G	16.442M	2.403879G	2.420321G	500k	1
15.1M	2.40455G	2.41965G	16.467M	2.403854G	2.420321G	500k	2
15.125M	2.40455G	2.419675G	16.367M	2.403904G	2.420271G	500k	3
15.65M	2.4046G	2.42025G	16.442M	2.403879G	2.420321G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2437MHz

03/09/2021

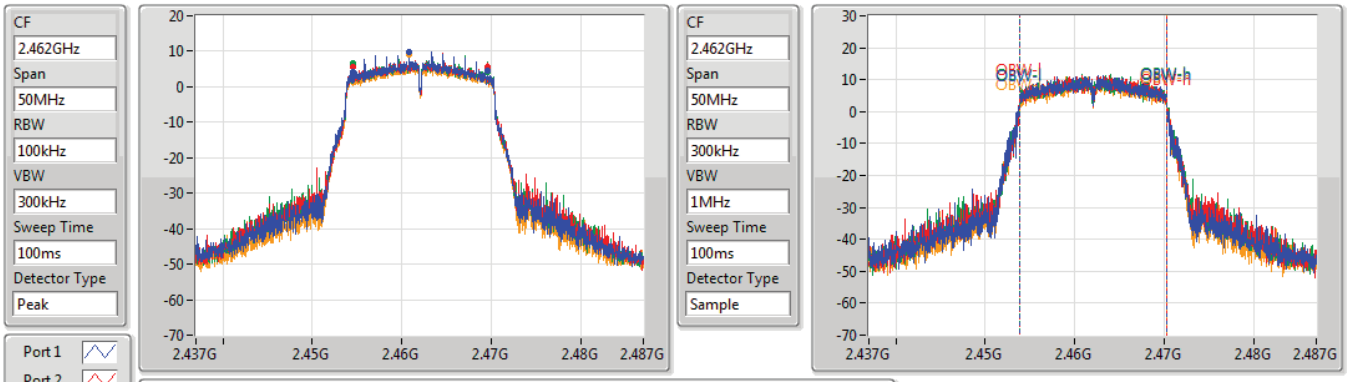


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.429525G	2.444625G	16.492M	2.428804G	2.445296G	500k	1
15.05M	2.42955G	2.4446G	16.442M	2.428854G	2.445296G	500k	2
15.075M	2.429575G	2.44465G	16.467M	2.428829G	2.445296G	500k	3
15.05M	2.42955G	2.4446G	16.417M	2.428854G	2.445271G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2462MHz

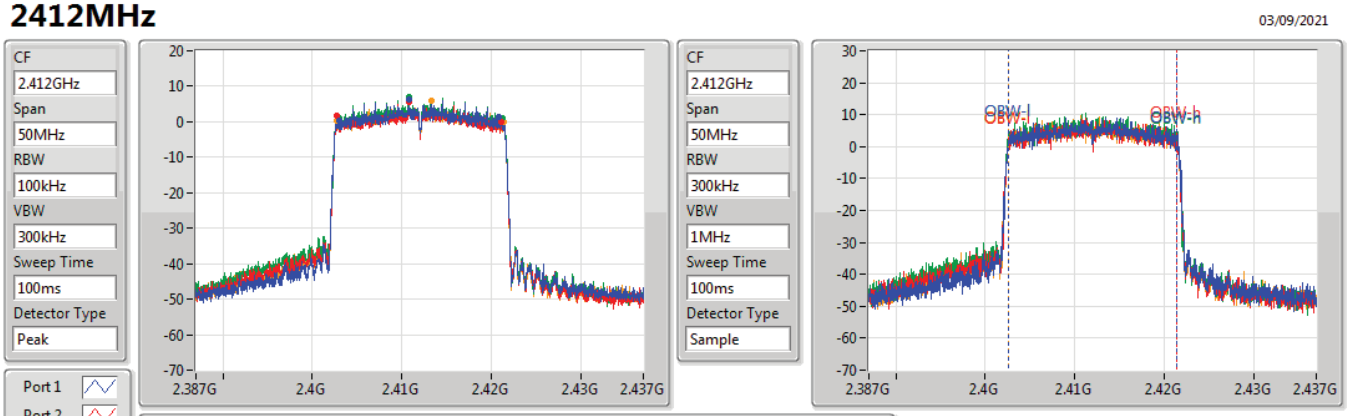
03/09/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.125M	2.454525G	2.46965G	16.392M	2.453854G	2.470246G	500k	1
15.075M	2.45455G	2.469625G	16.417M	2.453879G	2.470296G	500k	2
15.05M	2.4546G	2.46965G	16.467M	2.453829G	2.470296G	500k	3
15.05M	2.454575G	2.469625G	16.417M	2.453879G	2.470296G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

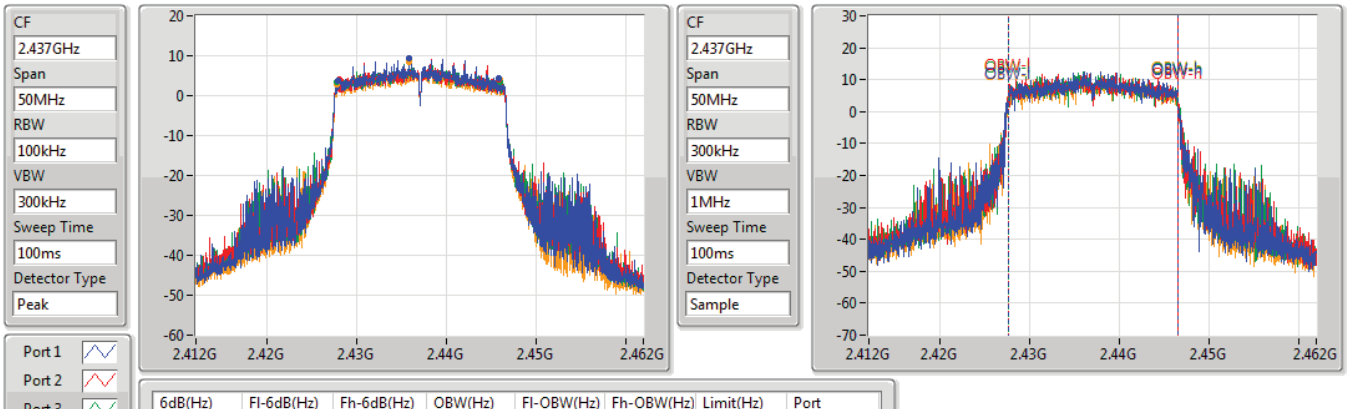
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.9M	2.402975G	2.420875G	18.841M	2.40263G	2.42147G	500k	1
18.35M	2.4028G	2.42115G	18.866M	2.402605G	2.42147G	500k	2
18.325M	2.403G	2.421325G	18.841M	2.402605G	2.421445G	500k	3
18.575M	2.402775G	2.42135G	18.816M	2.40263G	2.421445G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

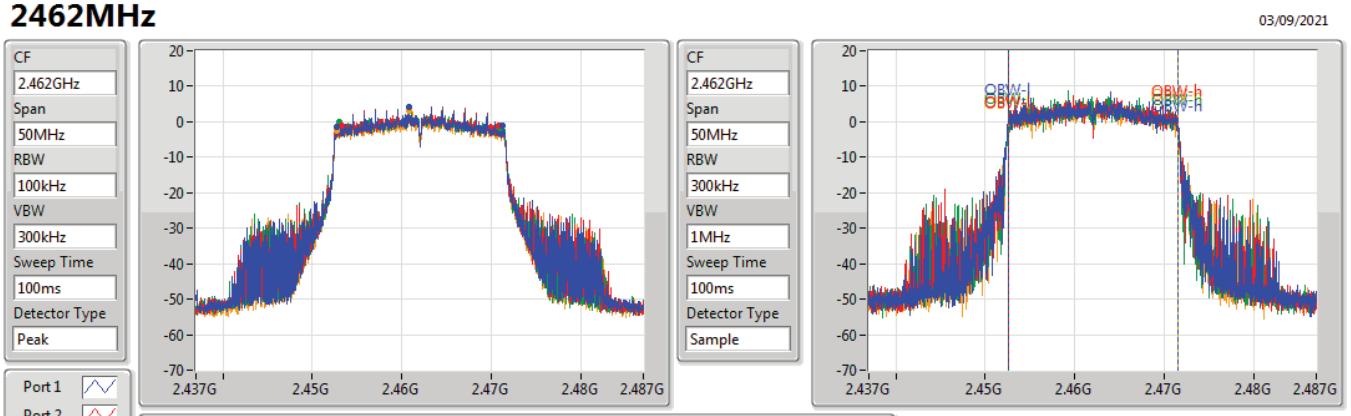
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.95M	2.4279G	2.44585G	18.916M	2.42758G	2.446495G	500k	1
17.825M	2.428025G	2.44585G	18.916M	2.42758G	2.446495G	500k	2
18.25M	2.427775G	2.446025G	18.891M	2.427605G	2.446495G	500k	3
18.3M	2.42775G	2.44605G	18.916M	2.42758G	2.446495G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

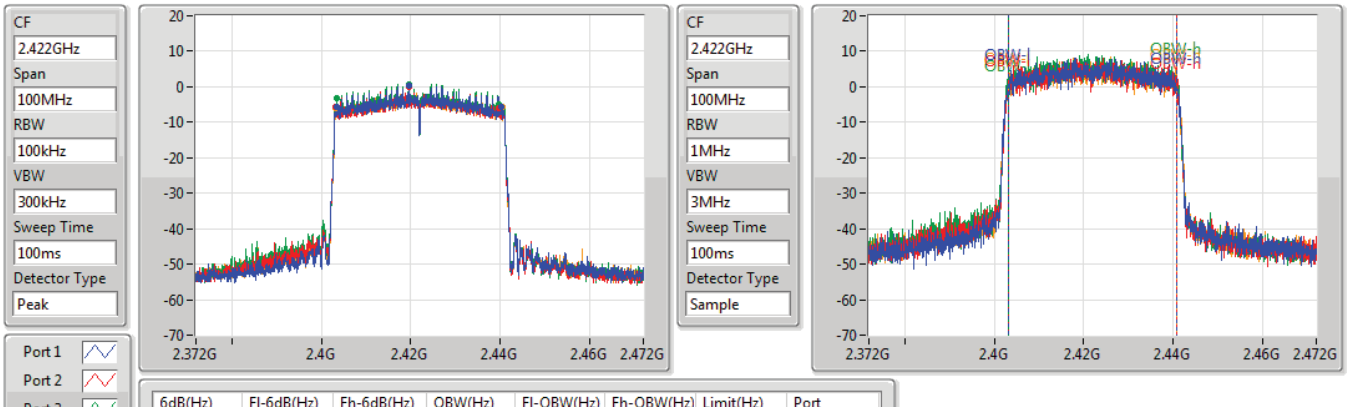
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.475M	2.452775G	2.47125G	18.916M	2.45258G	2.471495G	500k	1
17.625M	2.45325G	2.470875G	18.891M	2.452605G	2.471495G	500k	2
18M	2.45305G	2.47105G	18.891M	2.452605G	2.471495G	500k	3
18.35M	2.45275G	2.4711G	18.941M	2.45258G	2.47152G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2422MHz

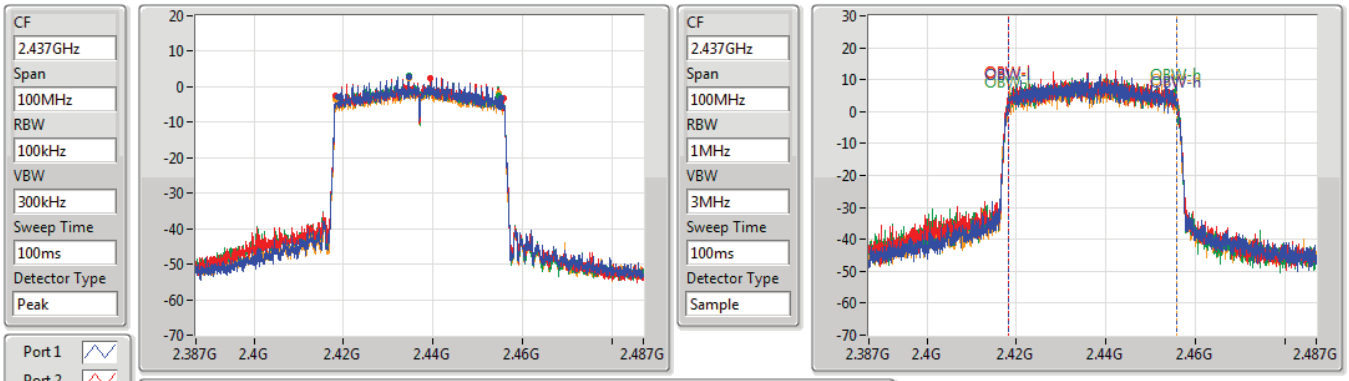


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.75M	2.4036G	2.44035G	37.731M	2.403109G	2.440841G	500k	1
36.55M	2.40325G	2.4398G	37.681M	2.403109G	2.440791G	500k	2
36.3M	2.4035G	2.4398G	37.781M	2.403059G	2.440841G	500k	3
37.15M	2.40325G	2.4404G	37.731M	2.403159G	2.440891G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2437MHz

03/09/2021

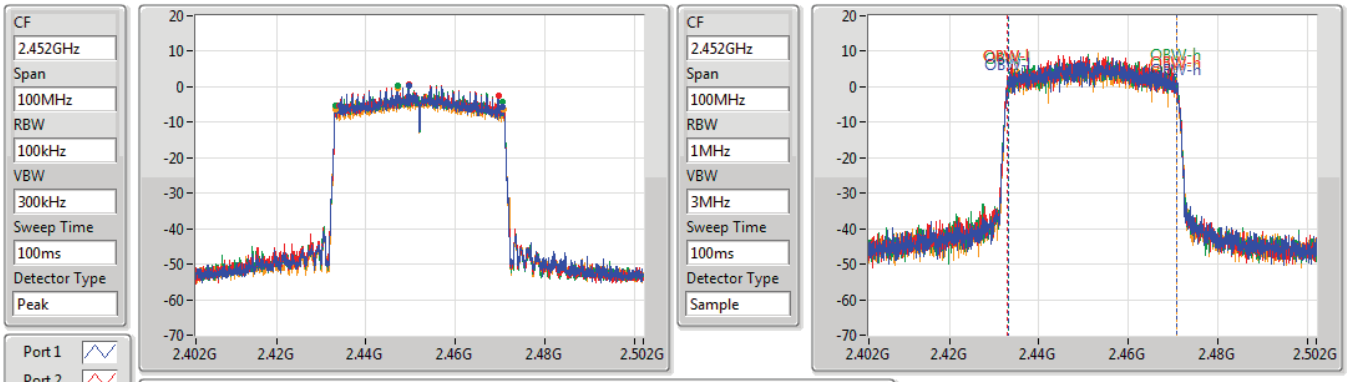


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.6M	2.41865G	2.45525G	37.681M	2.418159G	2.455841G	500k	1
37.55M	2.41825G	2.4558G	37.831M	2.418059G	2.455891G	500k	2
36.4M	2.4182G	2.4546G	37.731M	2.418109G	2.455841G	500k	3
36.25M	2.4183G	2.45455G	37.731M	2.418109G	2.455841G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2452MHz

03/09/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.2M	2.43425G	2.47045G	37.781M	2.433059G	2.470841G	500k	1
35.65M	2.4339G	2.46955G	37.781M	2.433009G	2.470791G	500k	2
37.3M	2.43325G	2.47055G	37.781M	2.433059G	2.470841G	500k	3
37.5M	2.43325G	2.47075G	37.781M	2.433009G	2.470791G	500k	4

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)_4TX	18.775M	18.941M	18M9D1D	17.925M	18.816M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.25M	37.831M	37M8D1D	35M	37.731M

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

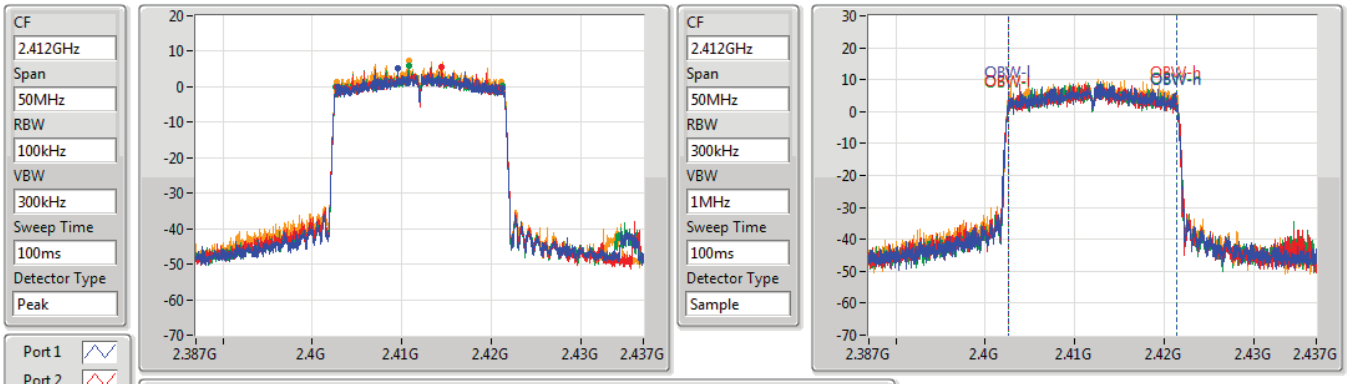
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.4M	18.816M	18.475M	18.841M	18.65M	18.866M	18.35M	18.866M
2437MHz	Pass	500k	18.6M	18.941M	18.675M	18.916M	18.45M	18.916M	17.925M	18.941M
2462MHz	Pass	500k	18.325M	18.941M	18.775M	18.916M	18.65M	18.891M	18M	18.916M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.1M	37.781M	36.8M	37.731M	37.1M	37.781M	35M	37.731M
2437MHz	Pass	500k	36.9M	37.731M	37.1M	37.781M	35M	37.781M	35.15M	37.731M
2452MHz	Pass	500k	37.25M	37.731M	35.65M	37.831M	36.15M	37.831M	37.1M	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)_4TX EBW

2412MHz

15/09/2021

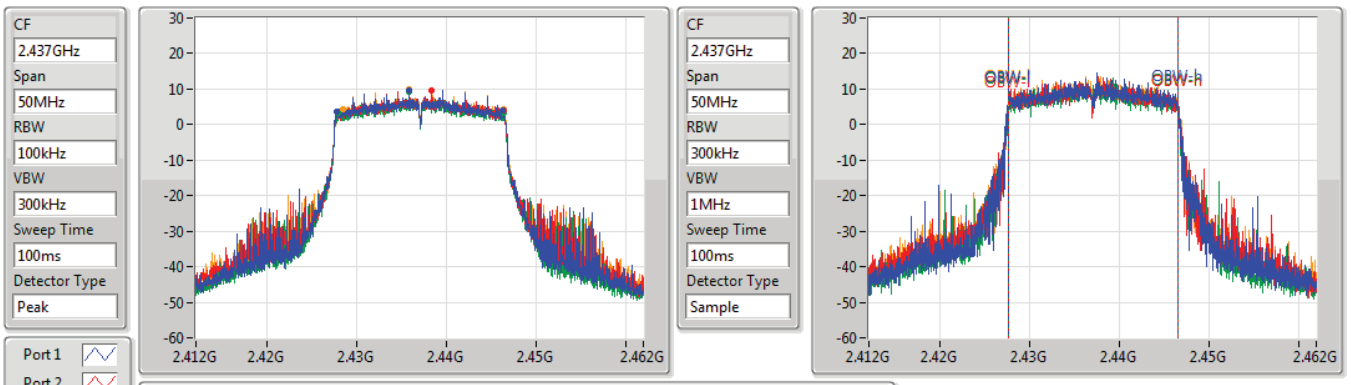


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.4M	2.402825G	2.421225G	18.816M	2.402605G	2.42142G	500k	1
18.475M	2.4027G	2.421175G	18.841M	2.402605G	2.421445G	500k	2
18.65M	2.402625G	2.421275G	18.866M	2.40258G	2.421445G	500k	3
18.35M	2.40275G	2.4211G	18.866M	2.40258G	2.421445G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

2437MHz

15/09/2021

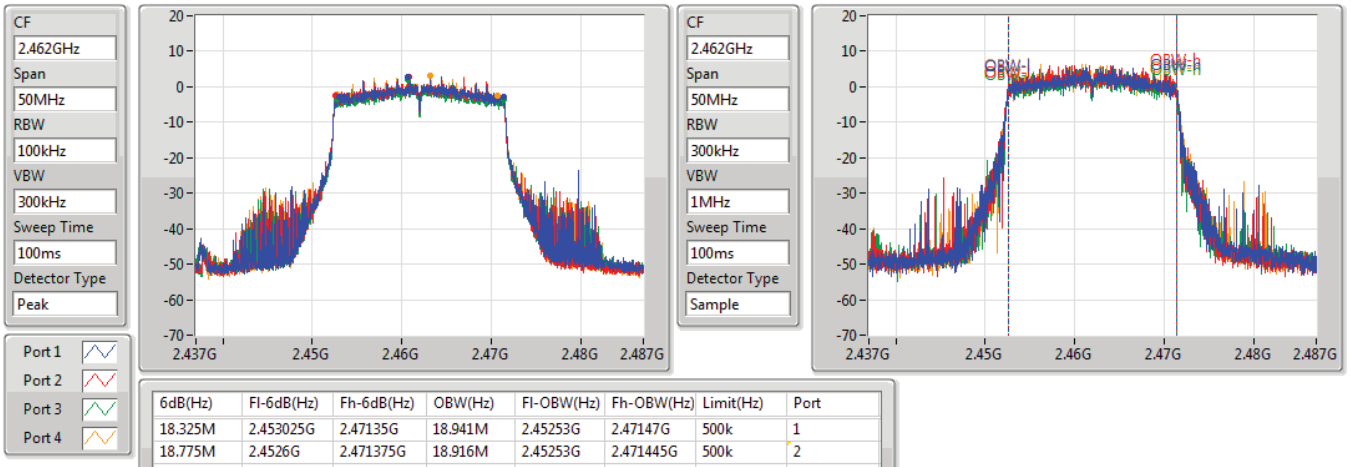


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.6M	2.427675G	2.446275G	18.941M	2.427605G	2.446545G	500k	1
18.675M	2.427675G	2.44635G	18.916M	2.42763G	2.446545G	500k	2
18.45M	2.427925G	2.446375G	18.916M	2.427605G	2.44652G	500k	3
17.925M	2.42845G	2.446375G	18.941M	2.427605G	2.446545G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

2462MHz

15/09/2021

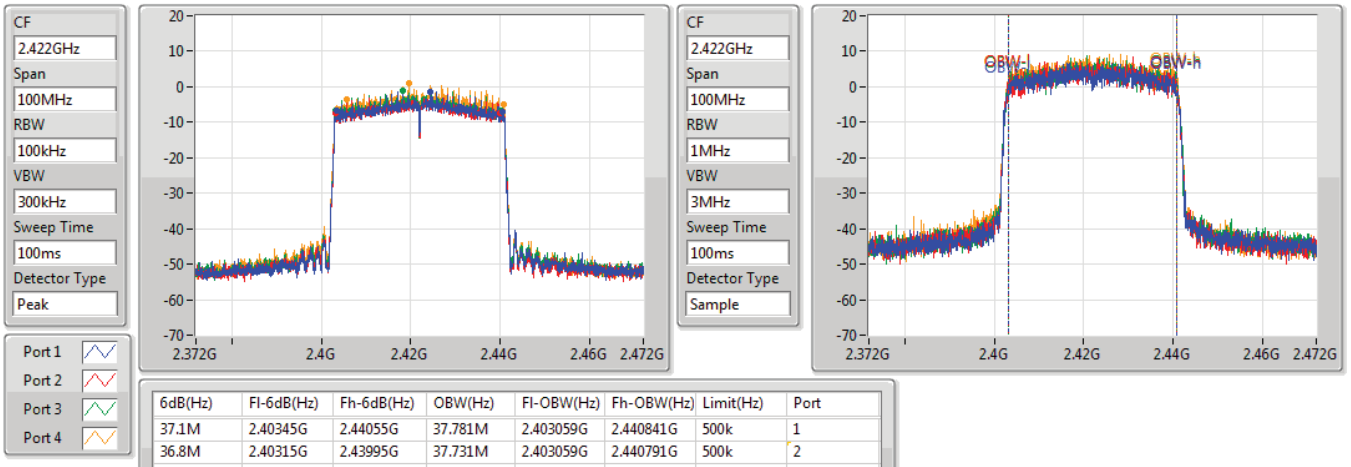


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.325M	2.453025G	2.47135G	18.941M	2.45253G	2.47147G	500k	1
18.775M	2.4526G	2.471375G	18.916M	2.45253G	2.471445G	500k	2
18.65M	2.4527G	2.47135G	18.891M	2.45253G	2.47142G	500k	3
18M	2.45275G	2.47075G	18.916M	2.45253G	2.471445G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

2422MHz

15/09/2021

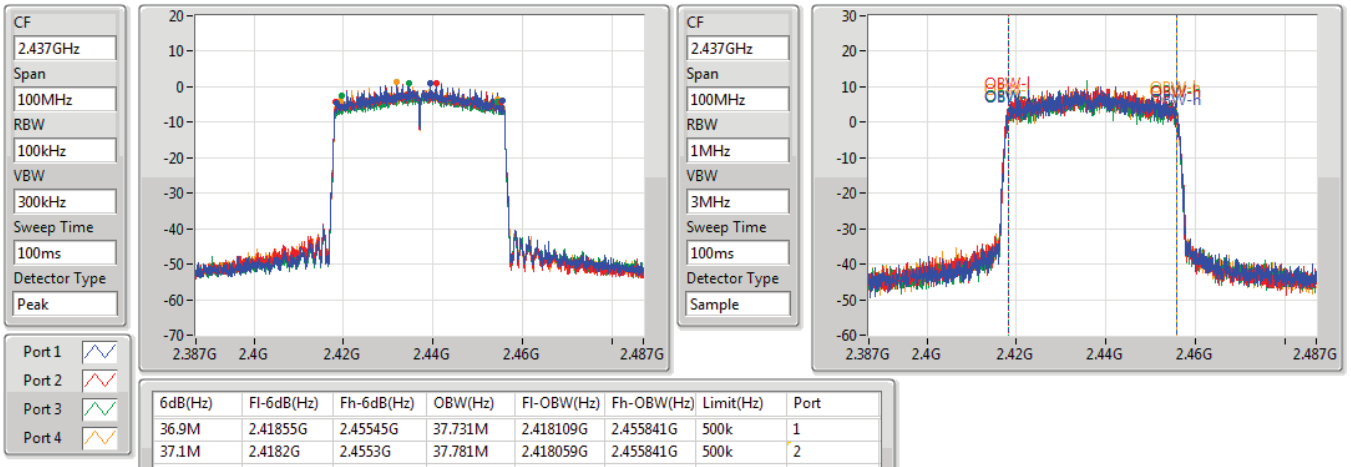


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.1M	2.40345G	2.44055G	37.781M	2.403059G	2.440841G	500k	1
36.8M	2.40315G	2.43995G	37.731M	2.403059G	2.440791G	500k	2
37.1M	2.40325G	2.44035G	37.781M	2.403059G	2.440841G	500k	3
35M	2.4058G	2.4408G	37.731M	2.403109G	2.440841G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

2437MHz

15/09/2021

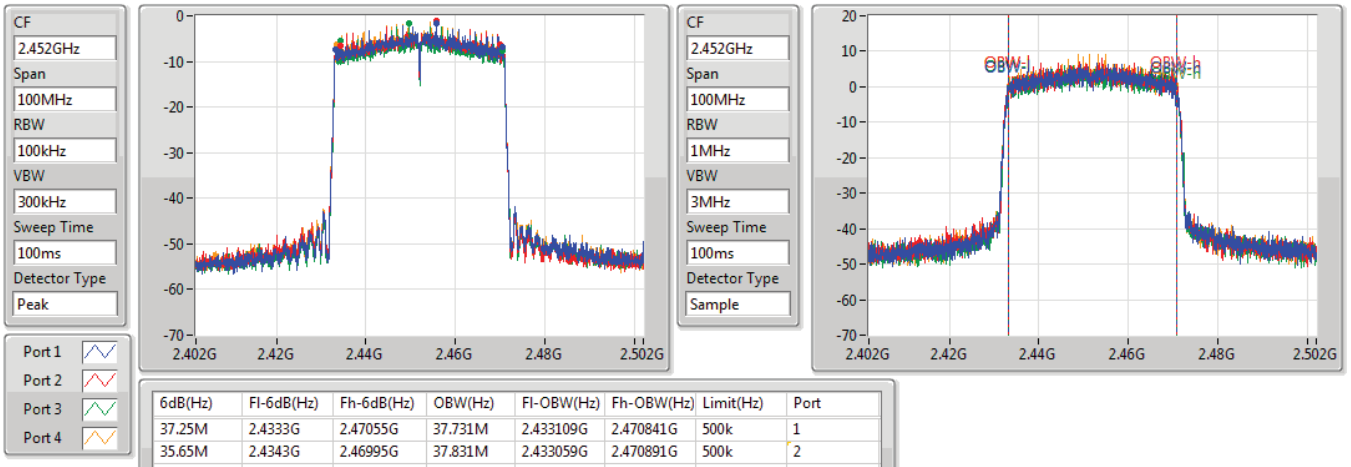


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.9M	2.41855G	2.45545G	37.731M	2.418109G	2.455841G	500k	1
37.1M	2.4182G	2.4553G	37.781M	2.418059G	2.455841G	500k	2
35M	2.4195G	2.4545G	37.781M	2.418059G	2.455841G	500k	3
35.15M	2.41935G	2.4545G	37.731M	2.418109G	2.455841G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

2452MHz

15/09/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.25M	2.4333G	2.47055G	37.731M	2.433109G	2.470841G	500k	1
35.65M	2.4343G	2.46995G	37.831M	2.433059G	2.470891G	500k	2
36.15M	2.43445G	2.4706G	37.831M	2.433059G	2.470891G	500k	3
37.1M	2.43345G	2.47055G	37.781M	2.433059G	2.470841G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	29.95	0.98855
802.11g_Nss1,(6Mbps)_4TX	26.87	0.48641
802.11ax HEW20_Nss1,(MCS0)_4TX	26.29	0.42560
802.11ax HEW40_Nss1,(MCS0)_4TX	22.50	0.17783

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.56	24.08	23.44	24.46	23.65	29.95	30.00
2417MHz	Pass	2.56	23.53	22.95	23.99	23.19	29.45	30.00
2437MHz	Pass	2.56	23.89	23.62	23.67	22.87	29.55	30.00
2457MHz	Pass	2.56	21.28	21.52	21.40	20.46	27.20	30.00
2462MHz	Pass	2.56	21.23	21.61	21.41	20.46	27.22	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.56	18.79	18.28	19.41	18.56	24.80	30.00
2417MHz	Pass	2.56	20.91	20.33	21.48	20.58	26.87	30.00
2437MHz	Pass	2.56	21.07	20.89	20.96	20.13	26.80	30.00
2457MHz	Pass	2.56	19.64	19.68	19.82	18.90	25.54	30.00
2462MHz	Pass	2.56	20.41	20.45	20.55	19.67	26.30	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.56	17.31	16.85	17.89	17.16	23.34	30.00
2417MHz	Pass	2.56	19.27	18.80	19.89	19.11	25.31	30.00
2437MHz	Pass	2.56	20.46	20.41	20.47	19.68	26.29	30.00
2457MHz	Pass	2.56	20.13	20.20	20.34	19.44	26.06	30.00
2462MHz	Pass	2.56	15.23	15.56	15.50	14.58	21.26	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	2.56	13.86	13.64	14.61	13.86	20.03	30.00
2427MHz	Pass	2.56	13.91	13.68	14.62	13.84	20.05	30.00
2437MHz	Pass	2.56	16.60	16.82	16.71	15.69	22.50	30.00
2447MHz	Pass	2.56	14.97	15.13	15.29	14.38	20.98	30.00
2452MHz	Pass	2.56	13.93	14.30	14.30	13.32	20.00	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)_4TX	26.90	0.48978
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.01	0.12618

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.58	16.99	16.79	16.92	18.14	23.27	27.42
2417MHz	Pass	8.58	18.84	18.69	18.67	19.81	25.05	27.42
2437MHz	Pass	8.58	20.89	20.99	20.32	21.26	26.90	27.42
2457MHz	Pass	8.58	17.28	17.65	16.74	17.87	23.43	27.42
2462MHz	Pass	8.58	13.61	14.07	13.19	14.17	19.80	27.42
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	8.58	13.48	13.42	13.53	14.65	19.82	27.42
2427MHz	Pass	8.58	14.56	14.58	14.68	15.98	21.01	27.42
2437MHz	Pass	8.58	14.78	14.97	14.23	15.23	20.84	27.42
2447MHz	Pass	8.58	12.84	13.23	12.40	13.45	19.02	27.42
2452MHz	Pass	8.58	12.08	12.44	11.48	12.70	18.22	27.42

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	4.91
802.11g_Nss1,(6Mbps)_4TX	0.22
802.11ax HEW20_Nss1,(MCS0)_4TX	-0.55
802.11ax HEW40_Nss1,(MCS0)_4TX	-7.75

RBW = 3kHz;

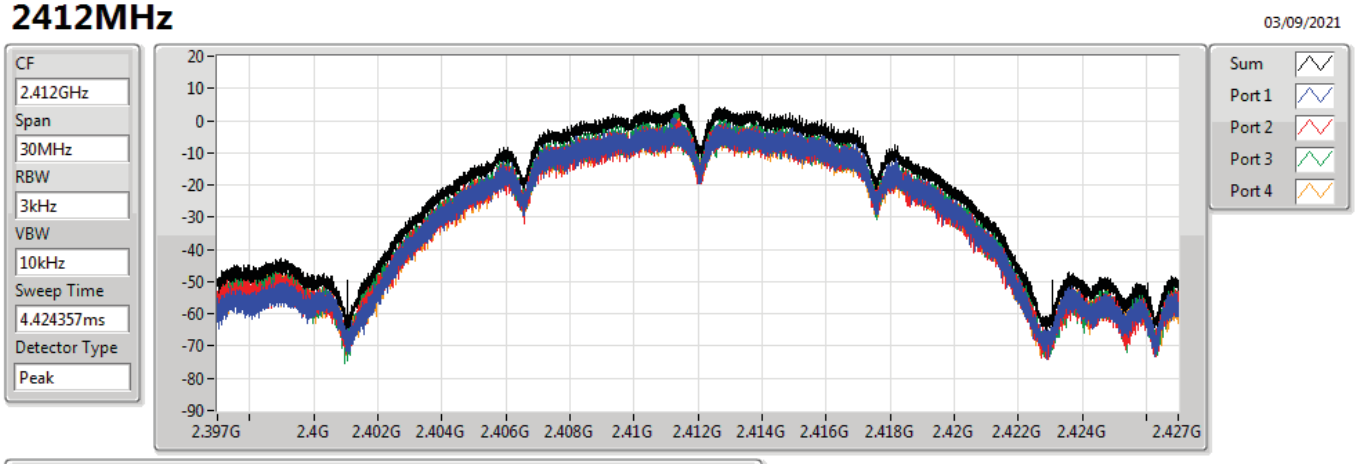
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.58	-0.41	-0.84	1.62	0.29	3.95	5.42
2437MHz	Pass	8.58	0.12	1.05	1.07	-0.11	4.91	5.42
2462MHz	Pass	8.58	-1.44	-1.52	-2.26	-3.94	1.78	5.42
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.58	-6.03	-6.90	-4.89	-7.17	-2.37	5.42
2437MHz	Pass	8.58	-3.36	-4.40	-2.06	-5.36	0.22	5.42
2462MHz	Pass	8.58	-4.79	-5.27	-3.65	-5.61	-0.73	5.42
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.58	-9.30	-8.74	-8.12	-8.21	-3.59	5.42
2437MHz	Pass	8.58	-4.83	-6.22	-4.96	-5.23	-0.55	5.42
2462MHz	Pass	8.58	-11.06	-10.77	-9.45	-11.46	-5.86	5.42
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	8.58	-15.62	-15.64	-14.73	-14.81	-11.48	5.42
2437MHz	Pass	8.58	-12.60	-11.91	-12.12	-13.56	-7.75	5.42
2452MHz	Pass	8.58	-15.30	-15.15	-14.80	-14.04	-11.69	5.42

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)_4TX PSD

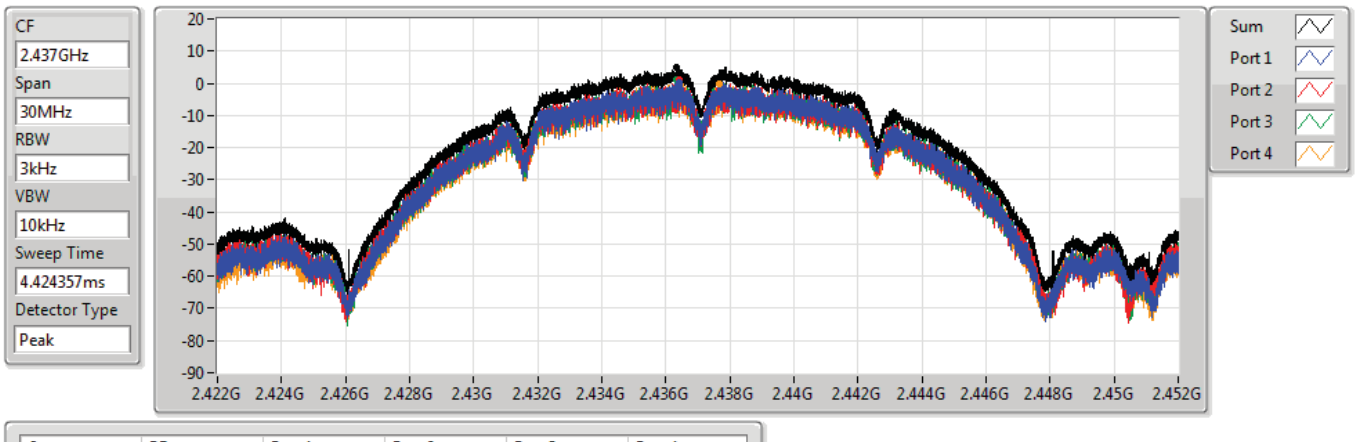
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.95	3.95	-0.41	-0.84	1.62	0.29

802.11b_Nss1,(1Mbps)_4TX PSD

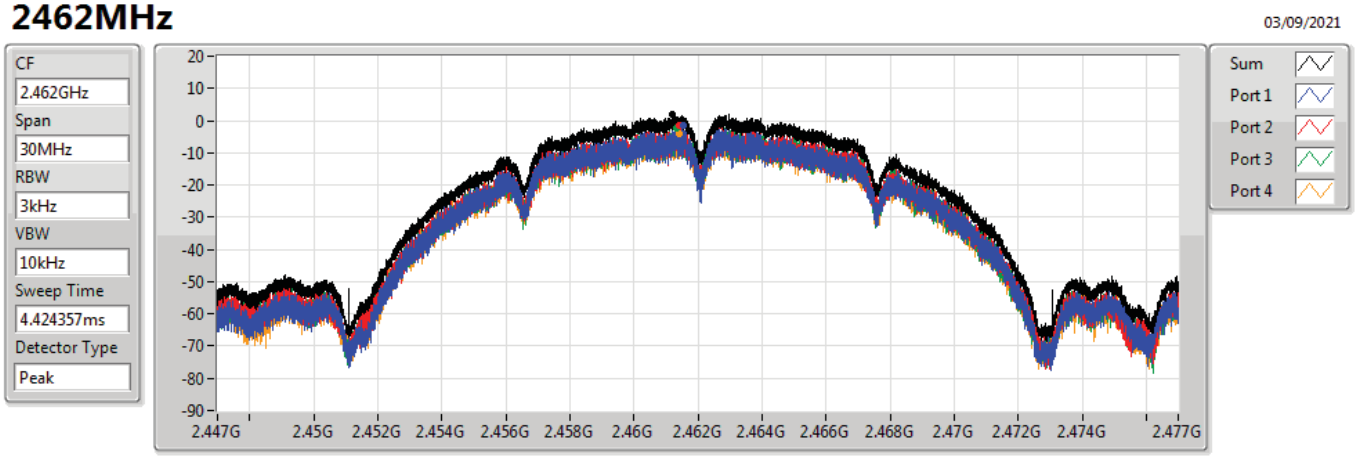
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.91	4.91	0.12	1.05	1.07	-0.11

802.11b_Nss1,(1Mbps)_4TX PSD

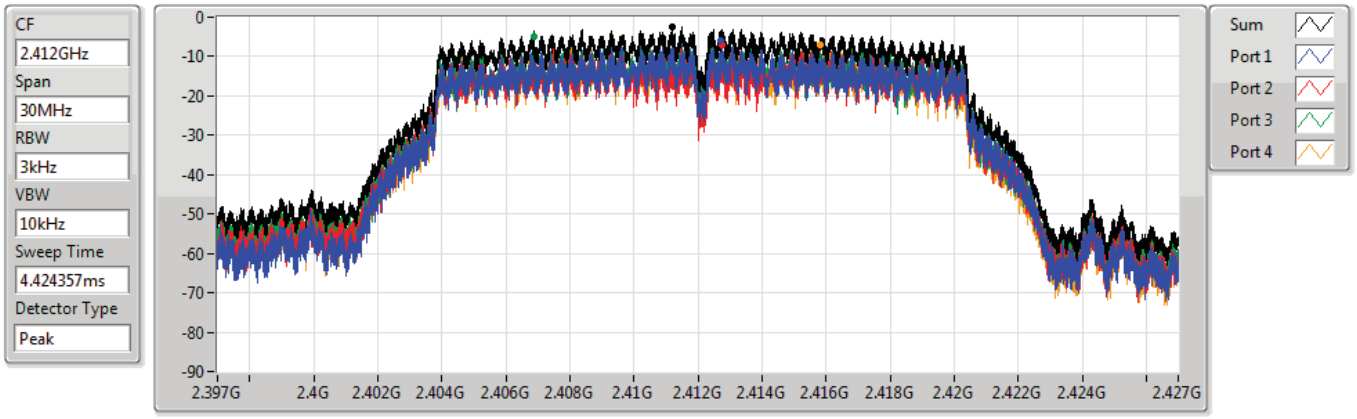
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.78	1.78	-1.44	-1.52	-2.26	-3.94

802.11g_Nss1,(6Mbps)_4TX PSD

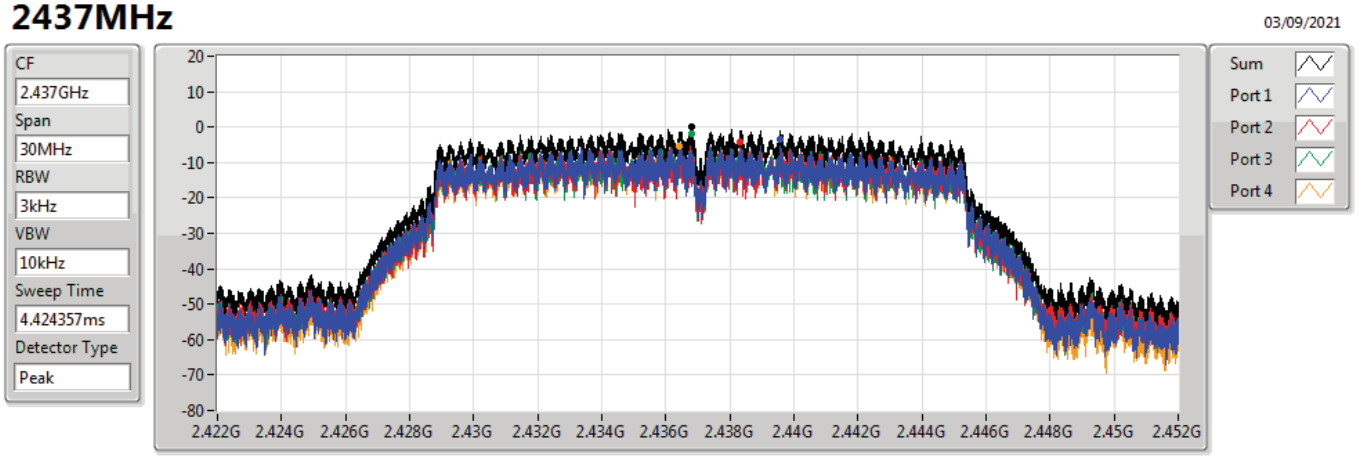
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.37	-2.37	-6.03	-6.90	-4.89	-7.17

802.11g_Nss1,(6Mbps)_4TX PSD

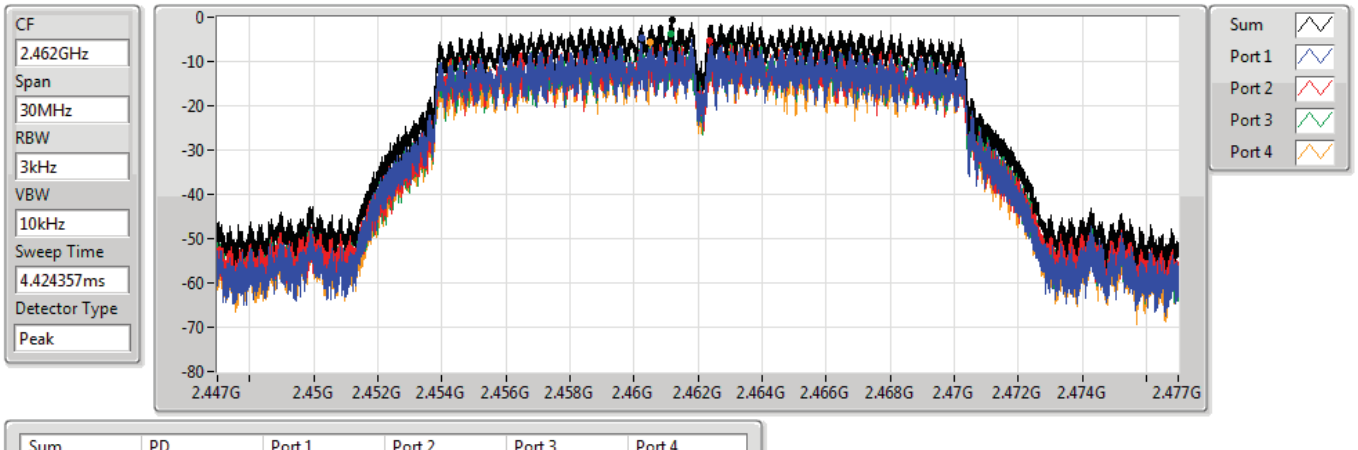
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.22	0.22	-3.36	-4.40	-2.06	-5.36

802.11g_Nss1,(6Mbps)_4TX PSD

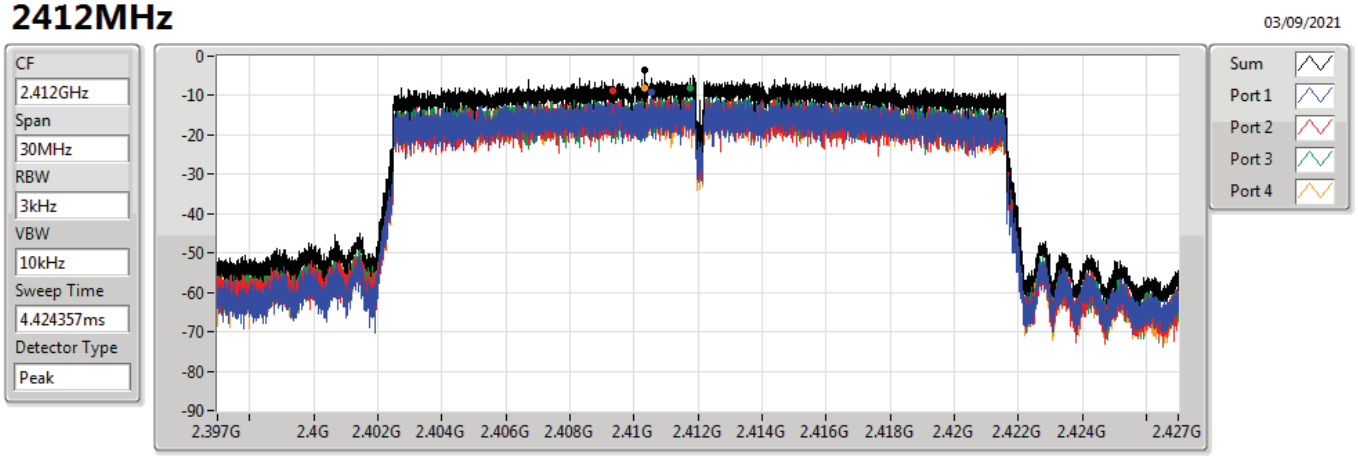
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.73	-0.73	-4.79	-5.27	-3.65	-5.61

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.59	-3.59	-9.30	-8.74	-8.12	-8.21

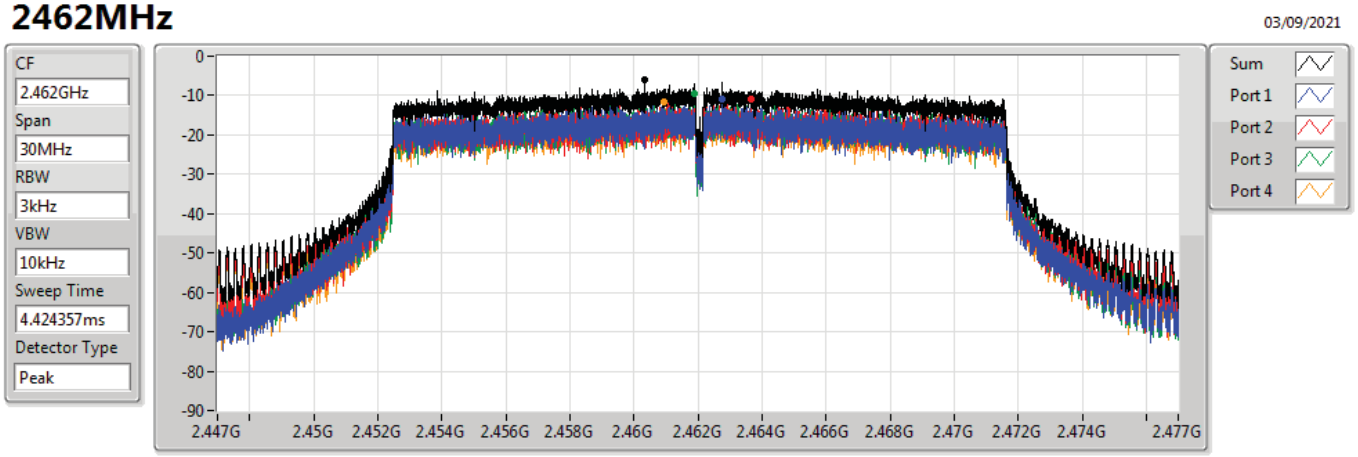
802.11ax HEW20_Nss1,(MCS0)_4TX PSD

2437MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.55	-0.55	-4.83	-6.22	-4.96	-5.23

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

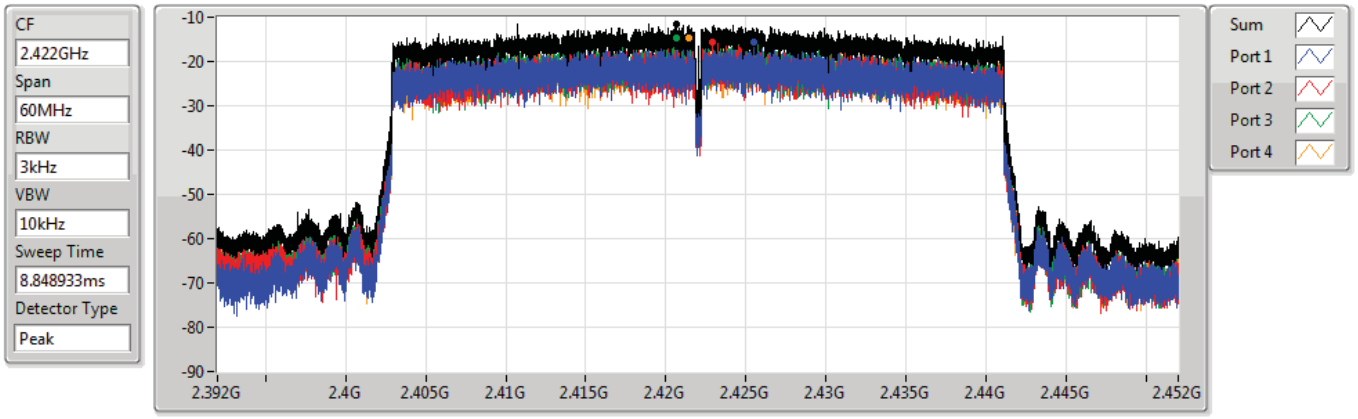
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.86	-5.86	-11.06	-10.77	-9.45	-11.46

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

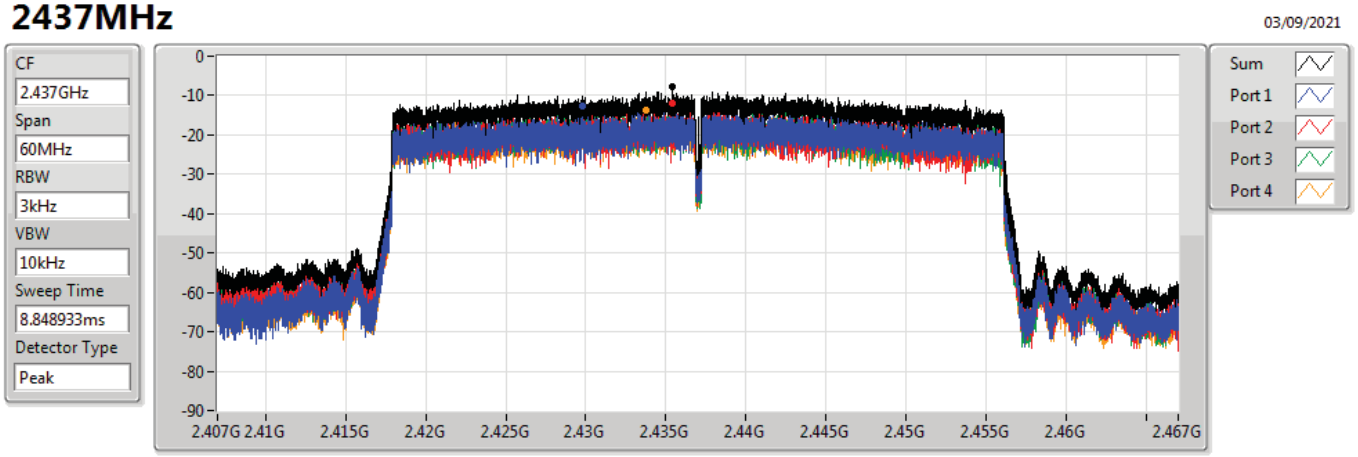
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.48	-11.48	-15.62	-15.64	-14.73	-14.81

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

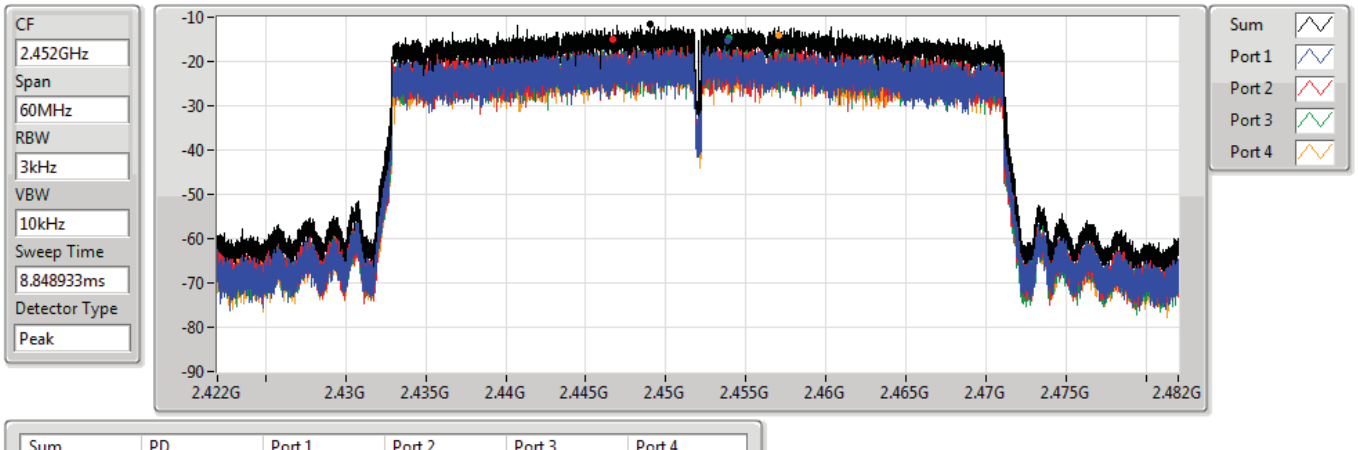
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.75	-7.75	-12.60	-11.91	-12.12	-13.56

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.69	-11.69	-15.30	-15.15	-14.80	-14.04

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-0.78
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-10.25

RBW = 3kHz;

Result

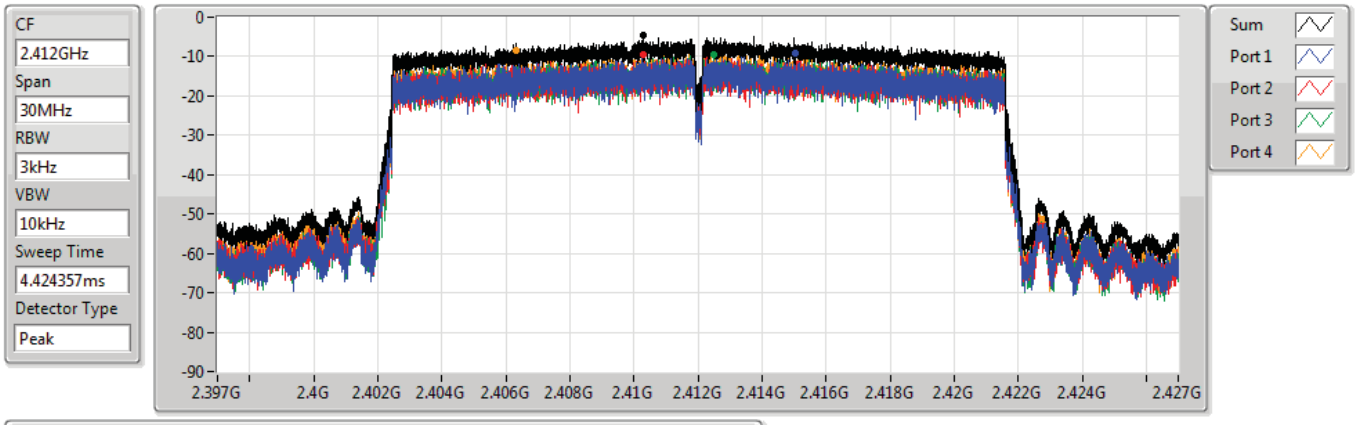
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.58	-9.22	-9.66	-9.53	-8.32	-4.64	5.42
2437MHz	Pass	8.58	-4.84	-5.44	-5.92	-4.27	-0.78	5.42
2462MHz	Pass	8.58	-13.22	-13.20	-13.58	-11.95	-8.01	5.42
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	8.58	-15.14	-15.97	-16.03	-14.90	-11.20	5.42
2437MHz	Pass	8.58	-13.97	-13.98	-14.64	-13.21	-10.25	5.42
2452MHz	Pass	8.58	-16.51	-15.79	-17.43	-16.70	-12.42	5.42

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)_4TX PSD

2412MHz

15/09/2021

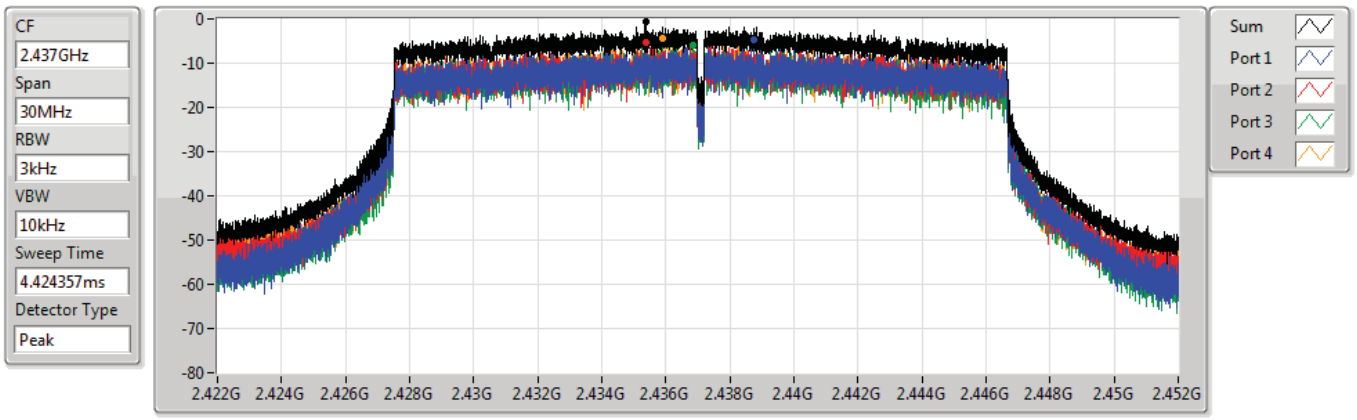


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.64	-4.64	-9.22	-9.66	-9.53	-8.32

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

2437MHz

15/09/2021

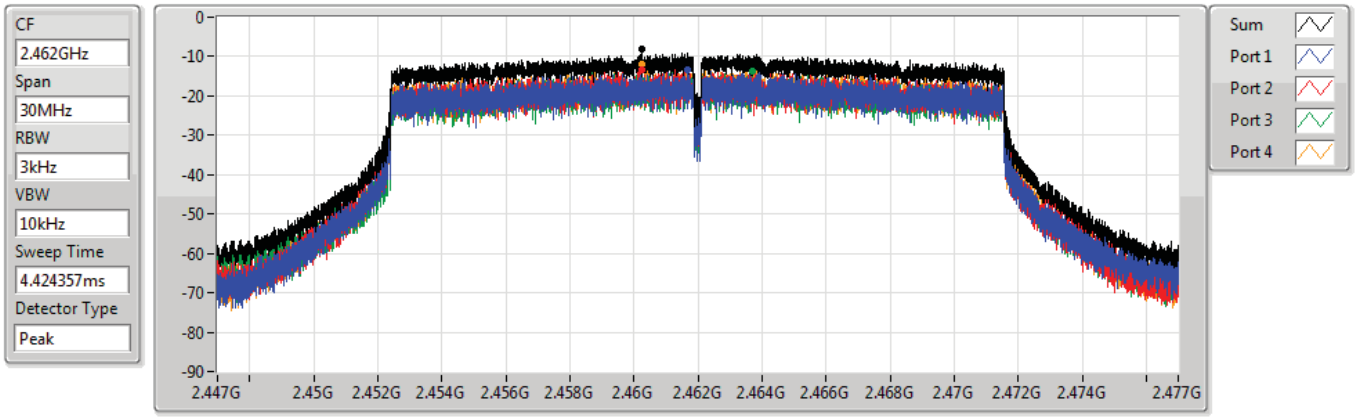


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.78	-0.78	-4.84	-5.44	-5.92	-4.27

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

2462MHz

15/09/2021

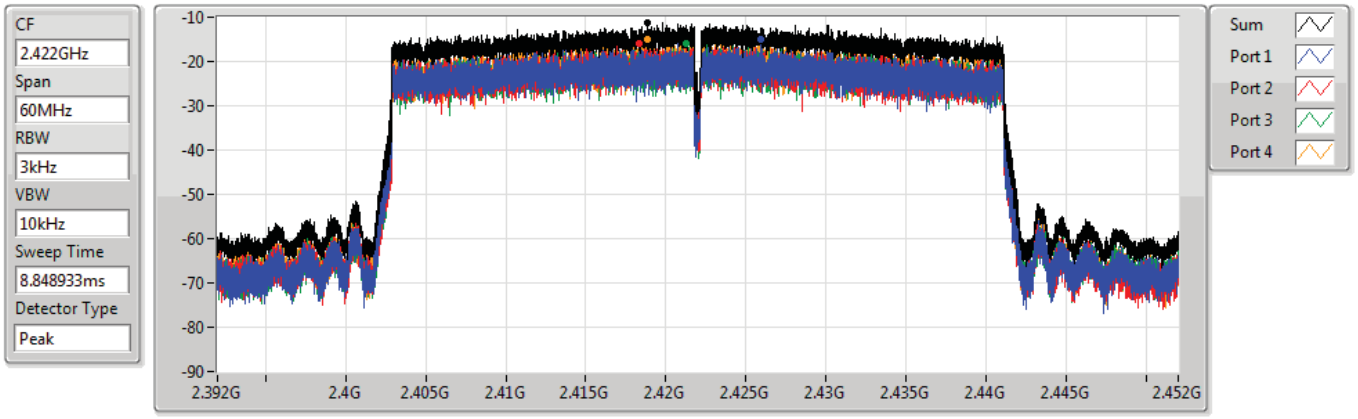


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.01	-8.01	-13.22	-13.20	-13.58	-11.95

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

2422MHz

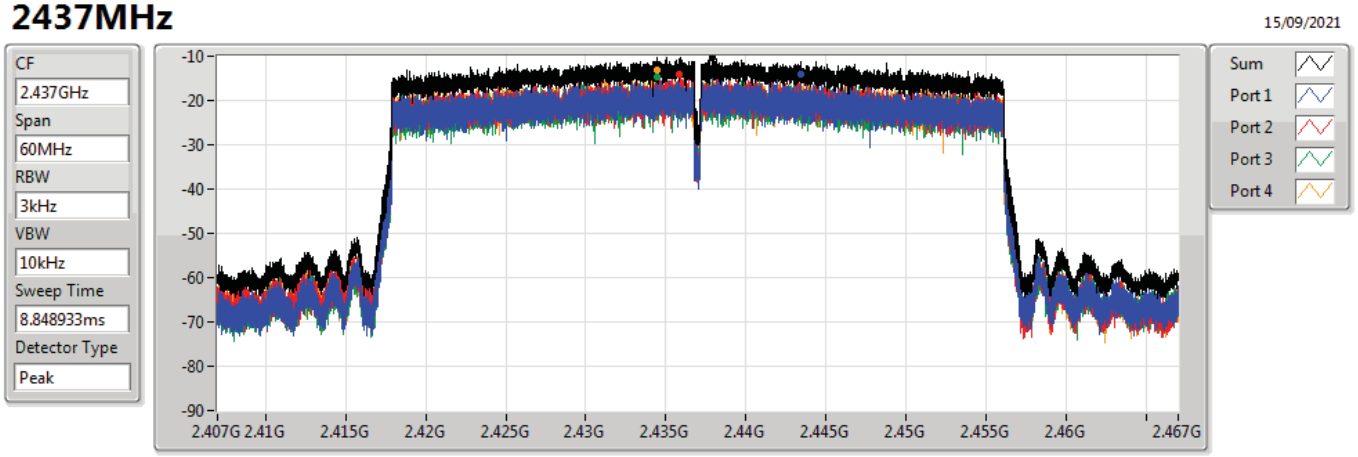
15/09/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.20	-11.20	-15.14	-15.97	-16.03	-14.90

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

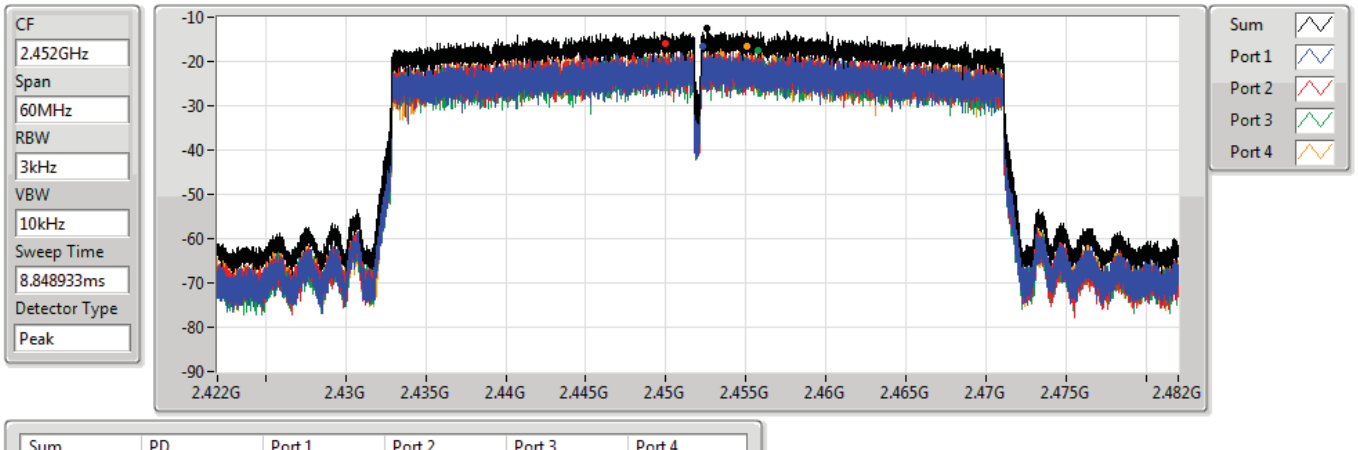
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.25	-10.25	-13.97	-13.98	-14.64	-13.21

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.42	-12.42	-16.51	-15.79	-17.43	-16.70

Summary

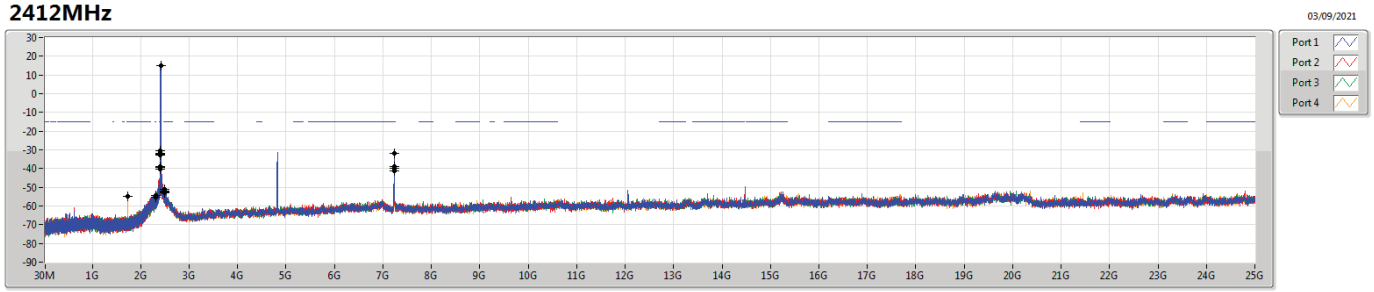
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.41307G	15.17	-14.83	2.30641G	-54.53	2.39916G	-30.44	2.4G	-39.36	2.50018G	-52.69	7.23514G	-38.85	3
802.11g_Nss1,(6Mbps)_4TX	Pass	2.43582G	10.24	-19.76	2.30233G	-53.98	2.39898G	-31.52	2.4G	-36.54	2.4934G	-51.36	7.24076G	-45.79	2
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.43582G	9.33	-20.67	2.30204G	-55.32	2.39996G	-35.07	2.4G	-38.83	2.48432G	-50.94	7.24357G	-47.48	3
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.43453G	3.24	-26.76	2.30741G	-58.08	2.398G	-40.42	2.4G	-45.10	2.4871G	-53.37	7.24712G	-53.30	3

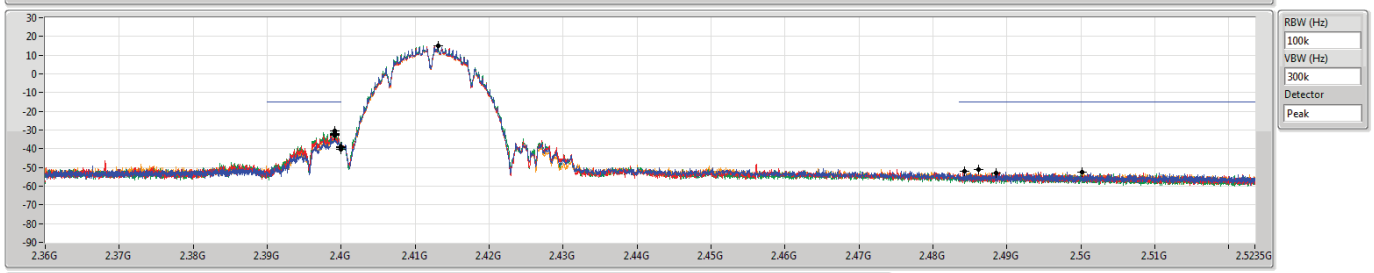
Result

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)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41307G	15.17	-14.83	2.30525G	-54.35	2.39914G	-32.65	2.4G	-40.33	2.48422G	-51.92	7.23514G	-32.06	1
2412MHz	Pass	2.41307G	15.17	-14.83	2.30787G	-55.35	2.39916G	-31.82	2.4G	-38.90	2.48612G	-51.27	7.23514G	-40.05	2
2412MHz	Pass	2.41307G	15.17	-14.83	2.30641G	-54.53	2.39916G	-30.44	2.4G	-39.36	2.50018G	-52.69	7.23514G	-38.85	3
2412MHz	Pass	2.41307G	15.17	-14.83	1.73177G	-54.73	2.39912G	-32.17	2.4G	-40.42	2.48858G	-52.79	7.23514G	-41.12	4
2437MHz	Pass	2.41307G	15.17	-14.83	2.30495G	-54.04	2.39148G	-49.91	2.4G	-54.03	2.48604G	-51.92	14.62429G	-51.05	1
2437MHz	Pass	2.41307G	15.17	-14.83	2.30408G	-55.42	2.3915G	-49.42	2.4G	-54.01	2.49654G	-51.99	14.62429G	-48.99	2
2437MHz	Pass	2.41307G	15.17	-14.83	2.30321G	-56.43	2.39148G	-49.29	2.4G	-54.04	2.48804G	-52.33	14.62429G	-52.03	3
2437MHz	Pass	2.41307G	15.17	-14.83	2.30379G	-55.69	2.3997G	-49.42	2.4G	-51.39	2.49006G	-51.19	14.62429G	-51.76	4
2462MHz	Pass	2.41307G	15.17	-14.83	2.30146G	-55.90	2.39322G	-51.72	2.4835G	-53.08	2.50728G	-49.72	14.77319G	-50.89	1
2462MHz	Pass	2.41307G	15.17	-14.83	2.30408G	-55.84	2.39318G	-51.82	2.4835G	-51.94	2.50616G	-50.07	14.77319G	-50.70	2
2462MHz	Pass	2.41307G	15.17	-14.83	2.3067G	-56.23	2.39486G	-53.01	2.4G	-55.03	2.51148G	-51.15	17.23437G	-51.34	3
2462MHz	Pass	2.41307G	15.17	-14.83	2.30029G	-56.34	2.3953G	-51.51	2.4835G	-51.82	2.49036G	-48.74	14.77319G	-50.73	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43582G	10.24	-19.76	2.30903G	-54.82	2.39978G	-35.56	2.4G	-37.90	2.50268G	-51.62	7.22952G	-42.29	1
2412MHz	Pass	2.43582G	10.24	-19.76	2.30233G	-53.98	2.39898G	-31.52	2.4G	-36.54	2.4934G	-51.36	7.24076G	-45.79	2
2412MHz	Pass	2.43582G	10.24	-19.76	2.30758G	-55.22	2.39988G	-31.64	2.4G	-33.69	2.494G	-51.27	7.24076G	-45.40	3
2412MHz	Pass	2.43582G	10.24	-19.76	2.30233G	-53.87	2.39868G	-34.37	2.4G	-36.59	2.48748G	-51.27	7.23233G	-47.10	4
2437MHz	Pass	2.43582G	10.24	-19.76	2.3G	-53.90	2.39958G	-48.16	2.4G	-51.72	2.4869G	-49.63	24.74152G	-53.30	1
2437MHz	Pass	2.43582G	10.24	-19.76	2.30088G	-53.57	2.39298G	-49.15	2.4G	-51.24	2.494G	-49.86	2.52912G	-53.01	2
2437MHz	Pass	2.43582G	10.24	-19.76	2.30204G	-55.20	2.39962G	-49.53	2.4G	-50.44	2.4883G	-50.03	15.14967G	-53.42	3
2437MHz	Pass	2.43582G	10.24	-19.76	2.30961G	-54.38	2.39854G	-48.68	2.4G	-52.45	2.4941G	-49.67	2.55441G	-52.70	4
2462MHz	Pass	2.43582G	10.24	-19.76	2.30874G	-52.98	2.39982G	-50.24	2.4835G	-48.85	2.48436G	-43.78	24.941G	-52.57	1
2462MHz	Pass	2.43582G	10.24	-19.76	2.30408G	-54.01	2.39228G	-50.26	2.4835G	-46.94	2.48434G	-39.81	23.31988G	-52.96	2
2462MHz	Pass	2.43582G	10.24	-19.76	2.30554G	-55.37	2.39974G	-50.84	2.4835G	-47.13	2.48396G	-43.73	16.28193G	-53.51	3
2462MHz	Pass	2.43582G	10.24	-19.76	2.3G	-55.80	2.39502G	-49.50	2.4835G	-48.46	2.48458G	-45.12	24.75557G	-53.48	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43582G	9.33	-20.67	2.3067G	-53.26	2.39976G	-37.05	2.4G	-40.18	2.49852G	-50.53	7.23795G	-43.63	1
2412MHz	Pass	2.43582G	9.33	-20.67	2.30554G	-53.79	2.39992G	-36.28	2.4G	-37.65	2.50144G	-50.88	7.23795G	-47.61	2
2412MHz	Pass	2.43582G	9.33	-20.67	2.30204G	-55.32	2.39996G	-35.07	2.4G	-38.83	2.48432G	-50.94	7.24357G	-47.48	3
2412MHz	Pass	2.43582G	9.33	-20.67	2.30874G	-53.54	2.39982G	-38.09	2.4G	-38.41	2.488G	-50.69	7.23795G	-50.51	4
2437MHz	Pass	2.43582G	9.33	-20.67	2.30466G	-54.69	2.39844G	-48.40	2.4835G	-51.26	2.48634G	-48.14	2.52912G	-53.92	1
2437MHz	Pass	2.43582G	9.33	-20.67	2.30088G	-54.67	2.39536G	-47.16	2.4G	-50.75	2.48908G	-49.63	24.96629G	-53.87	2
2437MHz	Pass	2.43582G	9.33	-20.67	2.30728G	-55.53	2.39836G	-48.19	2.4G	-50.99	2.48406G	-48.85	24.73028G	-53.03	3
2437MHz	Pass	2.43582G	9.33	-20.67	2.30845G	-55.20	2.39846G	-48.98	2.4G	-50.64	2.48708G	-49.66	24.78366G	-53.02	4
2462MHz	Pass	2.43582G	9.33	-20.67	2.30059G	-59.52	2.39588G	-53.74	2.4835G	-52.45	2.48416G	-49.40	24.74995G	-53.40	1
2462MHz	Pass	2.43582G	9.33	-20.67	2.30991G	-58.06	2.39778G	-53.83	2.4835G	-53.72	2.4835G	-50.81	15.20587G	-53.00	2
2462MHz	Pass	2.43582G	9.33	-20.67	2.18525G	-59.07	2.396G	-54.70	2.4835G	-52.52	2.50078G	-51.53	17.65299G	-53.08	3
2462MHz	Pass	2.43582G	9.33	-20.67	2.30787G	-58.84	2.39898G	-54.20	2.4835G	-55.07	2.484G	-52.65	24.66285G	-53.02	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43453G	3.24	-26.76	2.30855G	-58.37	2.39936G	-44.43	2.4G	-49.87	2.4935G	-53.88	7.24712G	-51.75	1
2422MHz	Pass	2.43453G	3.24	-26.76	2.30054G	-57.50	2.39944G	-42.19	2.4G	-47.18	2.48706G	-55.18	16.79385G	-53.94	2
2422MHz	Pass	2.43453G	3.24	-26.76	2.30741G	-58.08	2.398G	-40.42	2.4G	-45.10	2.4871G	-53.37	7.24712G	-53.30	3
2422MHz	Pass	2.43453G	3.24	-26.76	2.30712G	-56.74	2.39764G	-43.37	2.4G	-47.29	2.49766G	-54.90	24.71954G	-53.42	4
2437MHz	Pass	2.43453G	3.24	-26.76	2.30855G	-59.14	2.39956G	-47.07	2.4G	-49.20	2.48354G	-51.59	24.23716G	-53.63	1
2437MHz	Pass	2.43453G	3.24	-26.76	2.30082G	-58.00	2.39956G	-42.28	2.4G	-46.09	2.48422G	-53.16	24.81209G	-53.89	2
2437MHz	Pass	2.43453G	3.24	-26.76	2.30769G	-56.62	2.39956G	-42.14	2.4G	-47.73	2.49446G	-49.87	17.22856G	-53.70	3
2437MHz	Pass	2.43453G	3.24	-26.76	2.18489G	-59.22	2.39828G	-46.50	2.4G	-47.65	2.48426G	-52.29	24.82331G	-53.49	4
2452MHz	Pass	2.43453G	3.24	-26.76	2.30741G	-59.54	2.39828G	-53.83	2.4835G	-52.52	2.48446G	-48.06	15.20647G	-53.91	1
2452MHz	Pass	2.43453G	3.24	-26.76	2.30168G	-59.07	2.39956G	-53.54	2.4835G	-53.21	2.4845G	-50.05	23.36774G	-53.36	2
2452MHz	Pass	2.43453G	3.24	-26.76	2.3054G	-58.74	2.39452G	-52.22	2.4835G	-54.62	2.4845G	-48.69	15.20927G	-53.59	3
2452MHz	Pass	2.43453G	3.24	-26.76	2.30311G	-58.15	2.39932G	-52.53	2.4G	-54.58	2.48446G	-47.83	23.25556G	-53.48	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

2412MHz

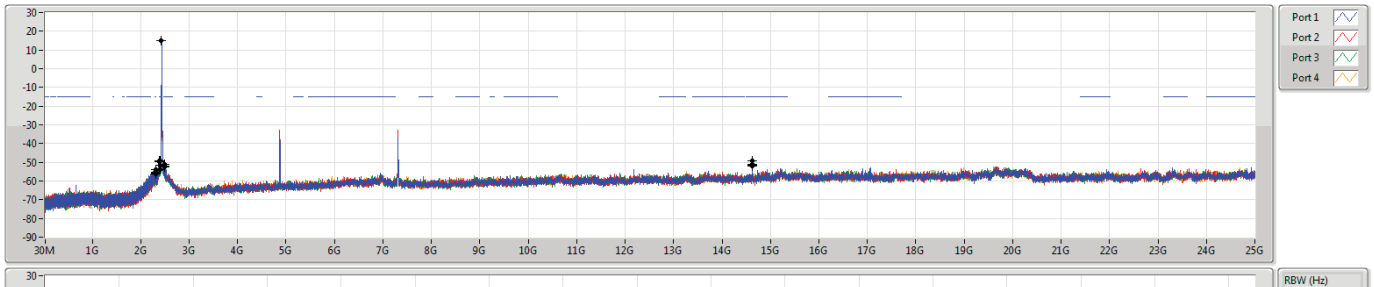


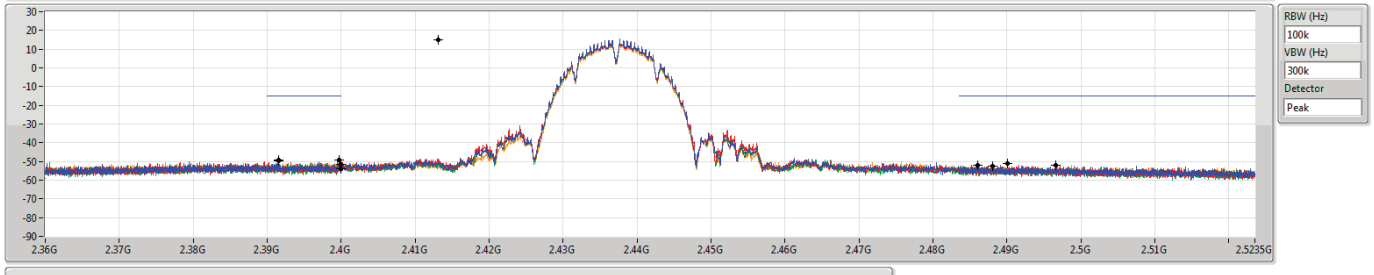


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41307G	15.17	-14.83	2.30525G	-54.35	2.39914G	-32.65	2.4G	-40.33	2.48422G	-51.92	7.23514G	-32.06	1
2.41307G	15.17	-14.83	2.30787G	-55.35	2.39916G	-31.82	2.4G	-38.90	2.48612G	-51.27	7.23514G	-40.05	2
2.41307G	15.17	-14.83	2.30641G	-54.53	2.39916G	-30.44	2.4G	-39.36	2.50018G	-52.69	7.23514G	-38.85	3
2.41307G	15.17	-14.83	1.73177G	-54.73	2.39912G	-32.17	2.4G	-40.42	2.48858G	-52.79	7.23514G	-41.12	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

2437MHz

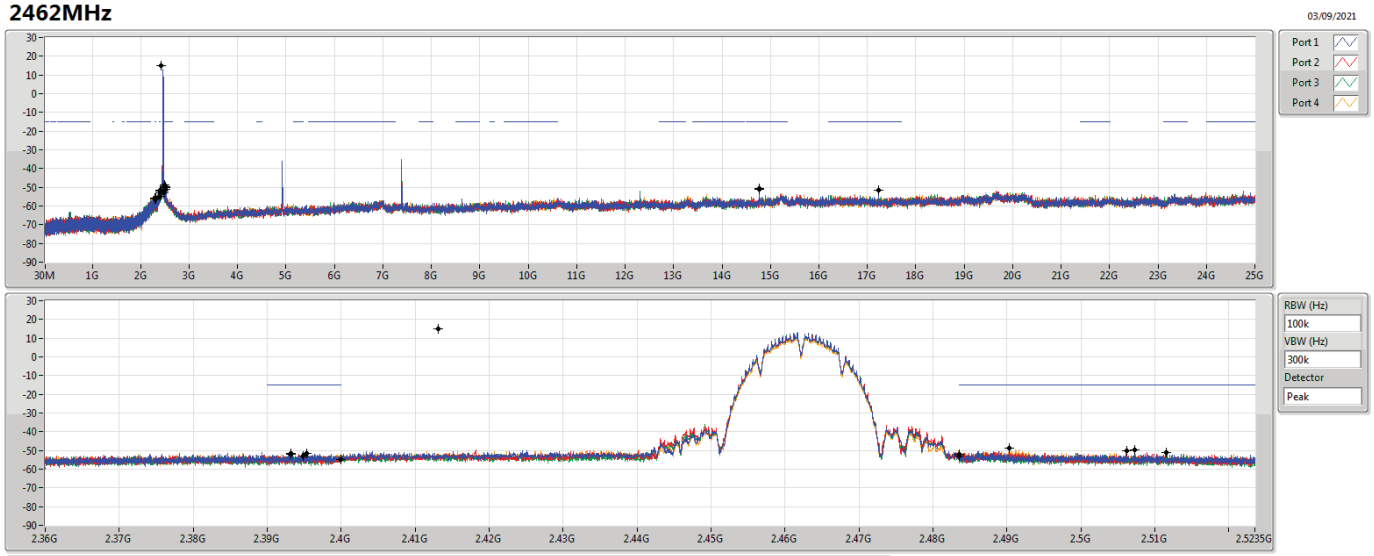




Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41307G	15.17	-14.83	2.30495G	-54.04	2.39148G	-49.91	2.4G	-54.03	2.48604G	-51.92	14.62429G	-51.05	1
2.41307G	15.17	-14.83	2.30408G	-55.42	2.3915G	-49.42	2.4G	-54.01	2.49654G	-51.99	14.62429G	-48.99	2
2.41307G	15.17	-14.83	2.30321G	-56.43	2.39148G	-49.29	2.4G	-54.04	2.48804G	-52.33	14.62429G	-52.03	3
2.41307G	15.17	-14.83	2.30379G	-55.69	2.3997G	-49.42	2.4G	-51.39	2.49006G	-51.19	14.62429G	-51.76	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

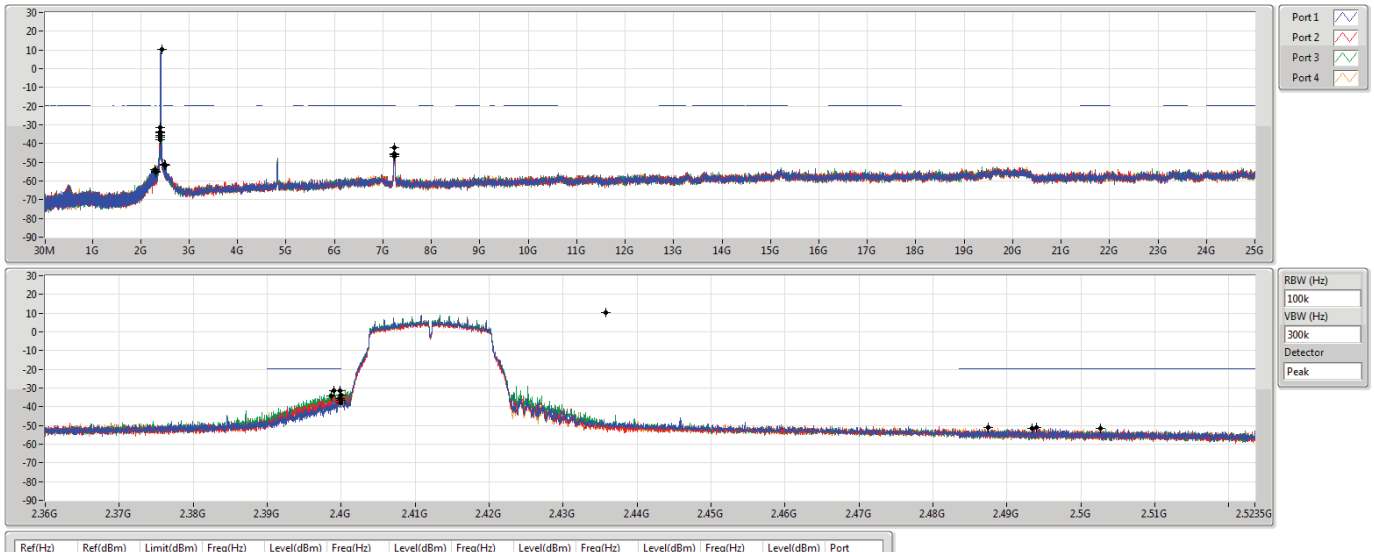
2462MHz



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
2.41307G	15.17	-14.83	2.30146G	-55.90	2.39322G	-51.72	2.4835G	-53.08	2.50728G	-49.72	14.77319G	-50.89	1
2.41307G	15.17	-14.83	2.30408G	-55.84	2.39318G	-51.82	2.4835G	-51.94	2.50616G	-50.07	14.77319G	-50.70	2
2.41307G	15.17	-14.83	2.3067G	-56.23	2.39486G	-53.01	2.4G	-55.03	2.51148G	-51.15	17.23437G	-51.34	3
2.41307G	15.17	-14.83	2.30029G	-56.34	2.3953G	-51.51	2.4835G	-51.82	2.49036G	-48.74	14.77319G	-50.73	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

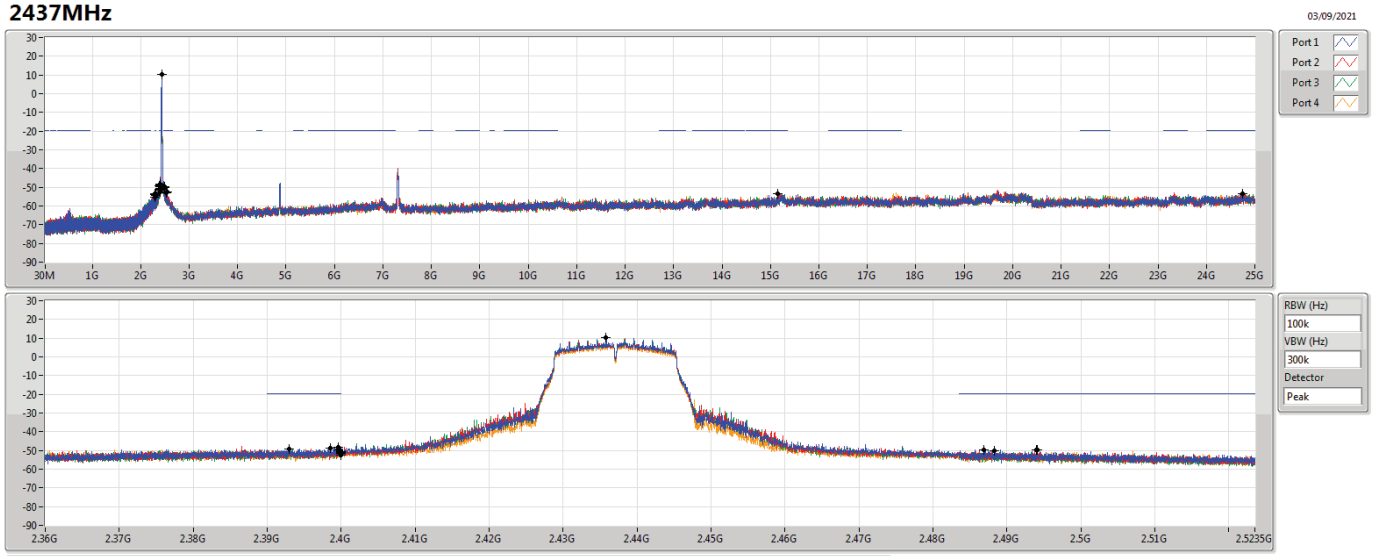
2412MHz



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
2.43582G	10.24	-19.76	2.30903G	-54.82	2.39978G	-35.56	2.4G	-37.90	2.50268G	-51.62	7.22952G	-42.29	1
2.43582G	10.24	-19.76	2.30233G	-53.98	2.39898G	-31.52	2.4G	-36.54	2.4934G	-51.36	7.24076G	-45.79	2
2.43582G	10.24	-19.76	2.30758G	-55.22	2.39988G	-31.64	2.4G	-33.69	2.494G	-51.27	7.24076G	-45.40	3
2.43582G	10.24	-19.76	2.30233G	-53.87	2.39868G	-34.37	2.4G	-36.59	2.48748G	-51.27	7.23233G	-47.10	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

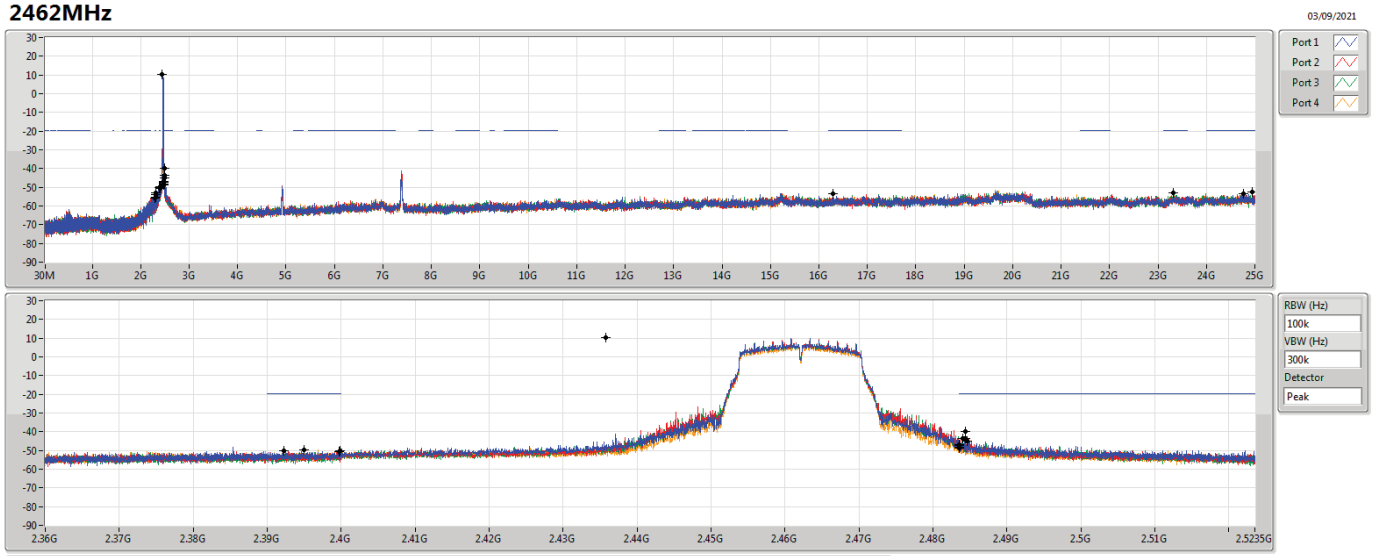
2437MHz



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
2.43582G	10.24	-19.76	2.3G	-53.90	2.39958G	-48.16	2.4G	-51.72	2.4869G	-49.63	24.74152G	-53.30	1
2.43582G	10.24	-19.76	2.30088G	-53.57	2.39298G	-49.15	2.4G	-51.24	2.494G	-49.86	2.52912G	-53.01	2
2.43582G	10.24	-19.76	2.30204G	-55.20	2.39962G	-49.53	2.4G	-50.44	2.4883G	-50.03	15.14967G	-53.42	3
2.43582G	10.24	-19.76	2.30961G	-54.38	2.39854G	-48.68	2.4G	-52.45	2.4941G	-49.67	2.55441G	-52.70	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

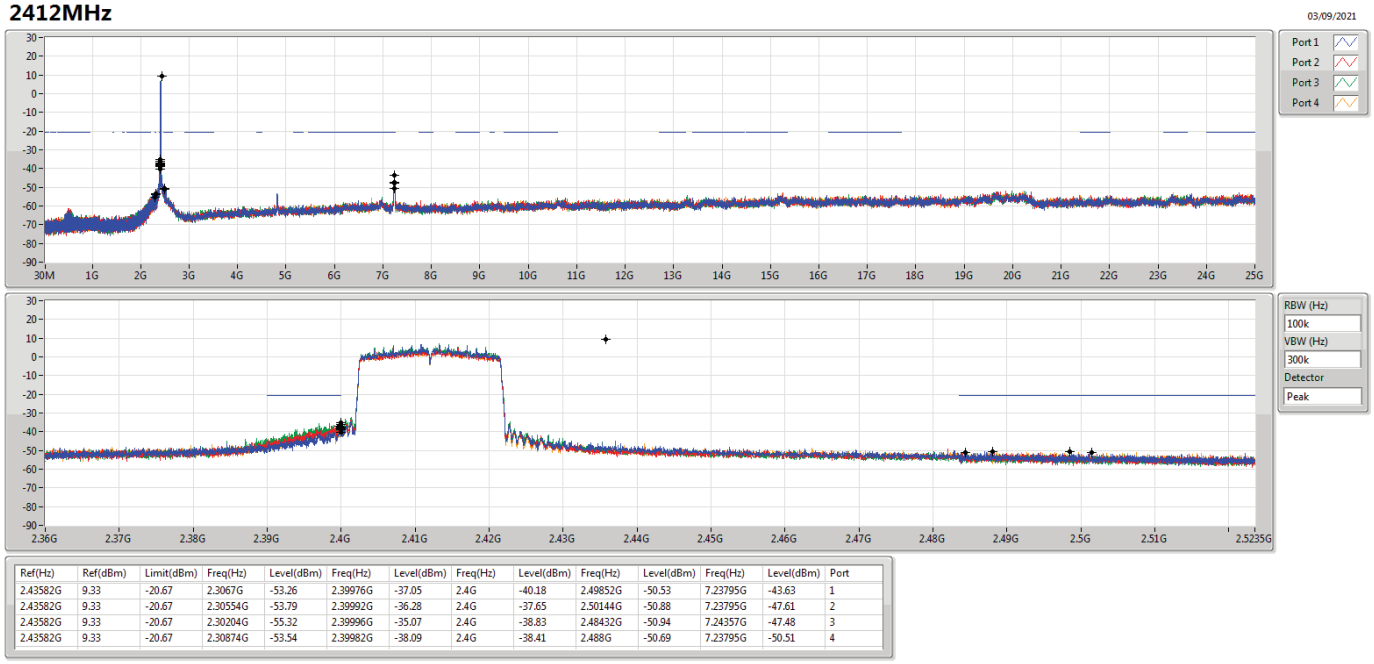
2462MHz



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
2.43582G	10.24	-19.76	2.30874G	-52.98	2.39982G	-50.24	2.4835G	-48.85	2.48436G	-43.78	24.941G	-52.57	1
2.43582G	10.24	-19.76	2.30408G	-54.01	2.39228G	-50.26	2.4835G	-46.94	2.48434G	-39.81	23.31988G	-52.96	2
2.43582G	10.24	-19.76	2.30554G	-55.37	2.39974G	-50.84	2.4835G	-47.13	2.48396G	-43.73	16.28193G	-53.51	3
2.43582G	10.24	-19.76	2.3G	-55.80	2.39502G	-49.50	2.4835G	-48.46	2.48458G	-45.12	24.75557G	-53.48	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

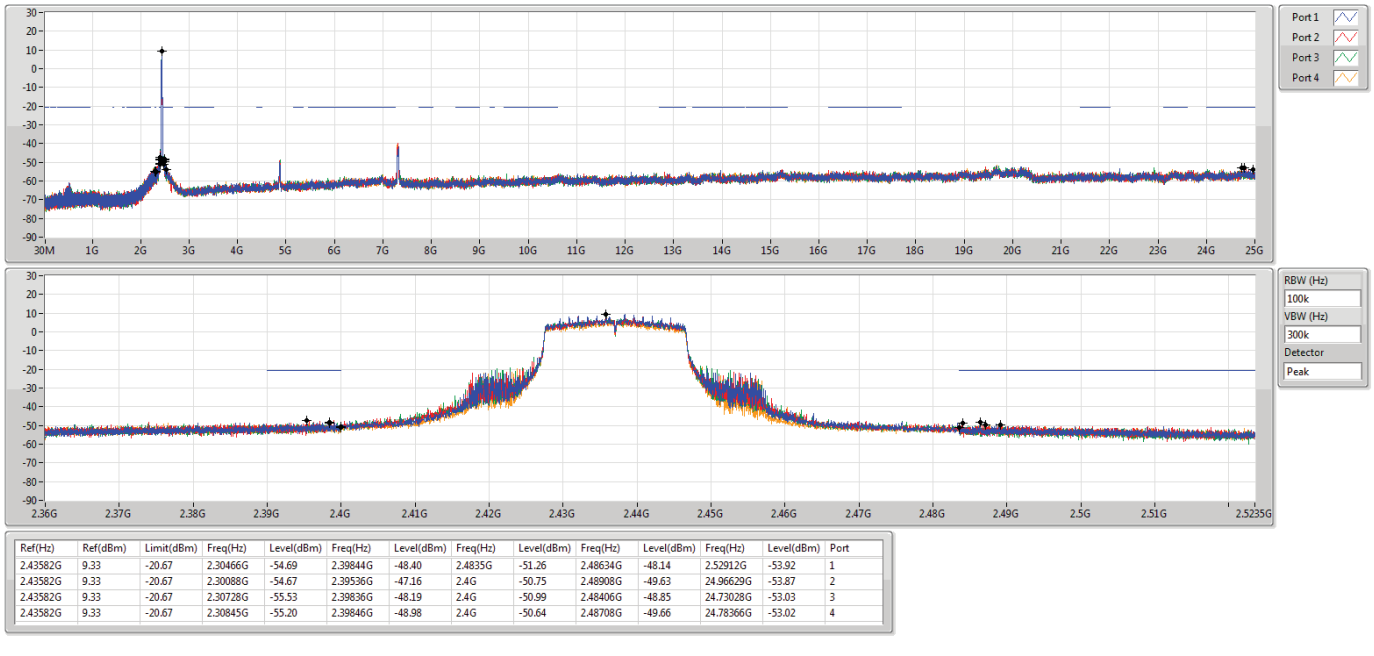
2412MHz



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
2.43582G	9.33	-20.67	2.3067G	-53.26	2.39976G	-37.05	2.4G	-40.18	2.49852G	-50.53	7.23795G	-43.63	1
2.43582G	9.33	-20.67	2.30554G	-53.79	2.39992G	-36.28	2.4G	-37.65	2.50144G	-50.88	7.23795G	-47.61	2
2.43582G	9.33	-20.67	2.30204G	-55.32	2.39996G	-35.07	2.4G	-38.83	2.48432G	-50.94	7.24357G	-47.48	3
2.43582G	9.33	-20.67	2.30874G	-53.54	2.39982G	-38.09	2.4G	-38.41	2.488G	-50.69	7.23795G	-50.51	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

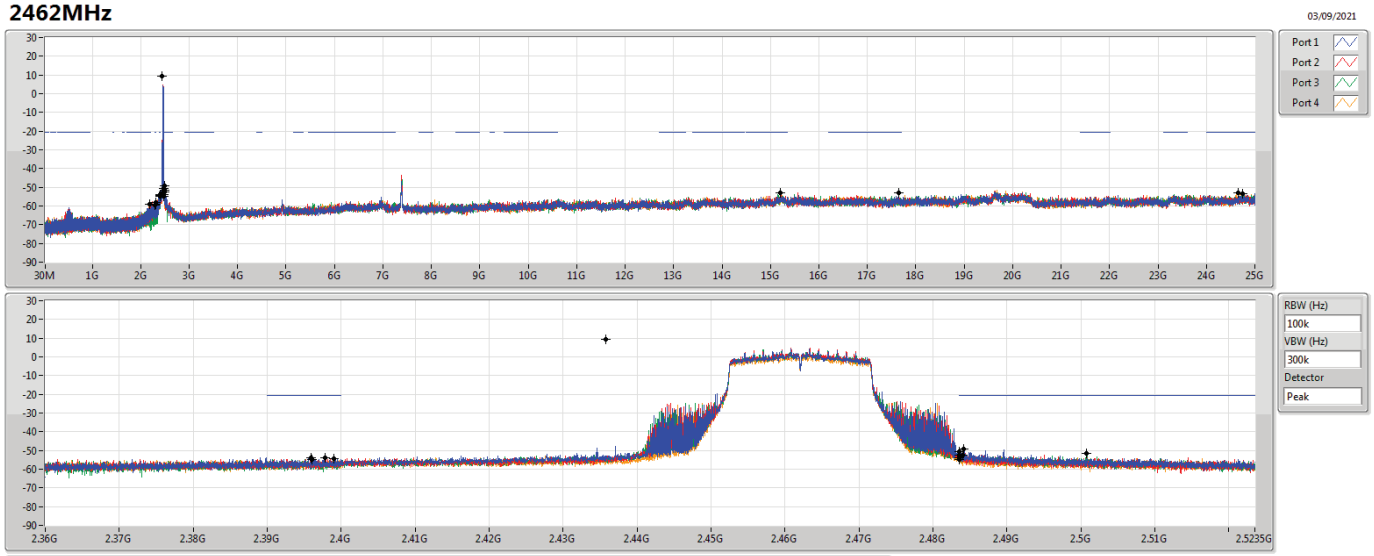
2437MHz



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
2.43582G	9.33	-20.67	2.30466G	-54.69	2.39844G	-48.40	2.4835G	-51.26	2.48634G	-48.14	2.52912G	-53.92	1
2.43582G	9.33	-20.67	2.30088G	-54.67	2.39536G	-47.16	2.4G	-50.75	2.48908G	-49.63	24.96629G	-53.87	2
2.43582G	9.33	-20.67	2.30728G	-55.53	2.39836G	-48.19	2.4G	-50.99	2.48406G	-48.85	24.73028G	-53.03	3
2.43582G	9.33	-20.67	2.30845G	-55.20	2.39846G	-48.98	2.4G	-50.64	2.48708G	-49.66	24.78366G	-53.02	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

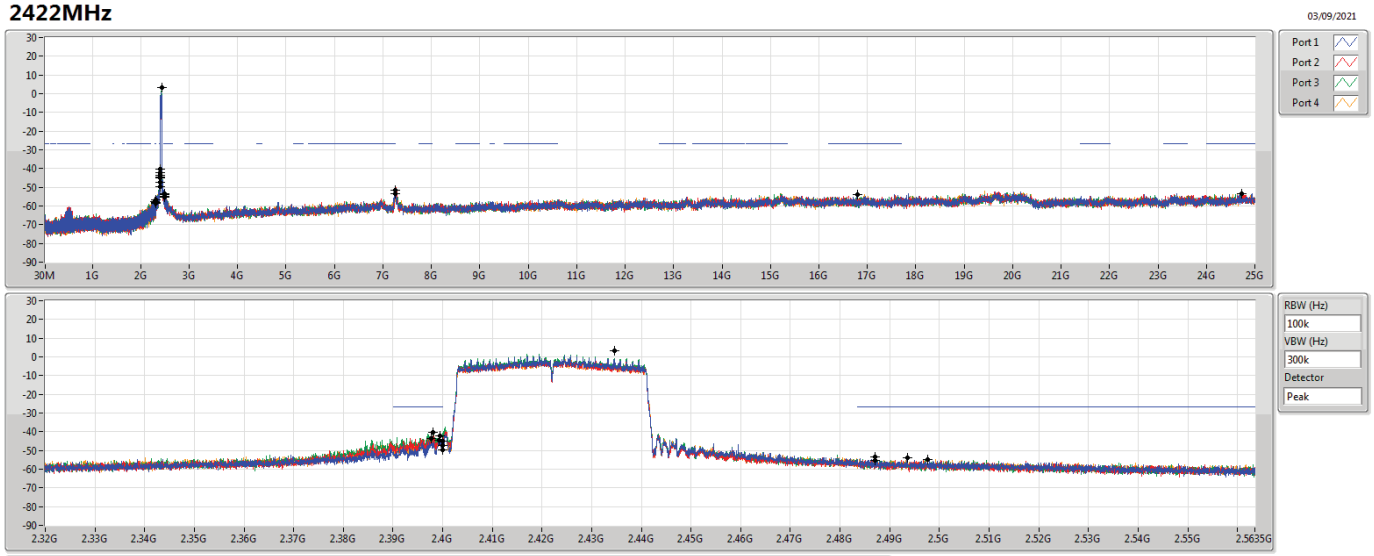
2462MHz



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
2.43582G	9.33	-20.67	2.30059G	-59.52	2.39588G	-53.74	2.4835G	-52.45	2.48416G	-49.40	24.74995G	-53.40	1
2.43582G	9.33	-20.67	2.30991G	-58.06	2.39778G	-53.83	2.4835G	-53.72	2.4835G	-50.81	15.20587G	-53.00	2
2.43582G	9.33	-20.67	2.18525G	-59.07	2.396G	-54.70	2.4835G	-52.52	2.50078G	-51.53	17.65299G	-53.08	3
2.43582G	9.33	-20.67	2.30787G	-58.84	2.39898G	-54.20	2.4835G	-55.07	2.484G	-52.65	24.66285G	-53.02	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

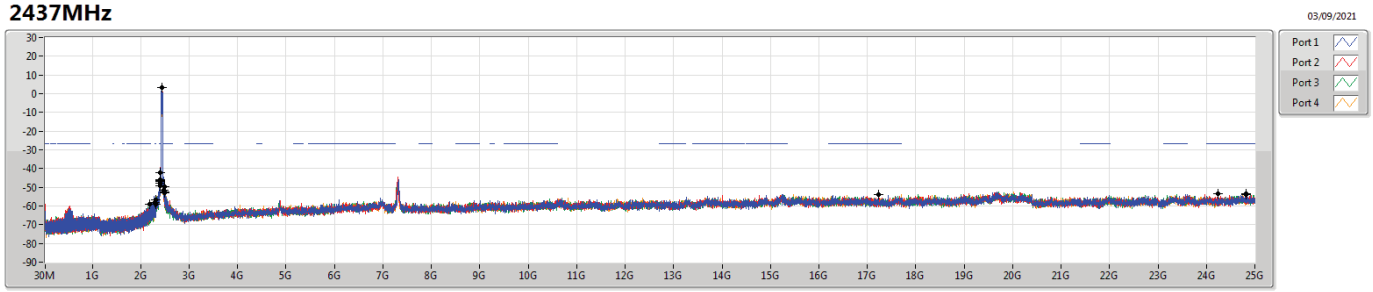
2422MHz

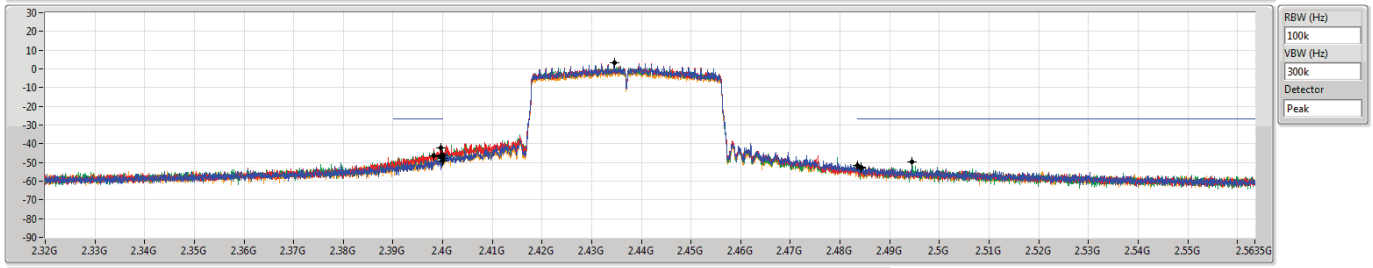


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43453G	3.24	-26.76	2.30855G	-58.37	2.39936G	-44.43	2.4G	-49.87	2.4935G	-53.88	7.24712G	-51.75	1
2.43453G	3.24	-26.76	2.30054G	-57.50	2.39944G	-42.19	2.4G	-47.18	2.48706G	-55.18	16.79385G	-53.94	2
2.43453G	3.24	-26.76	2.30741G	-58.08	2.398G	-40.42	2.4G	-45.10	2.4871G	-53.37	7.24712G	-53.30	3
2.43453G	3.24	-26.76	2.30712G	-56.74	2.39764G	-43.37	2.4G	-47.29	2.49766G	-54.90	24.71954G	-53.42	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

2437MHz

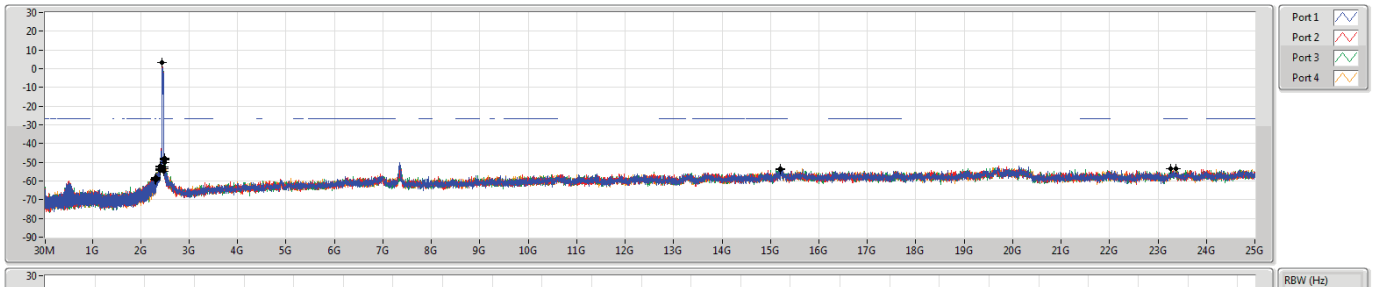


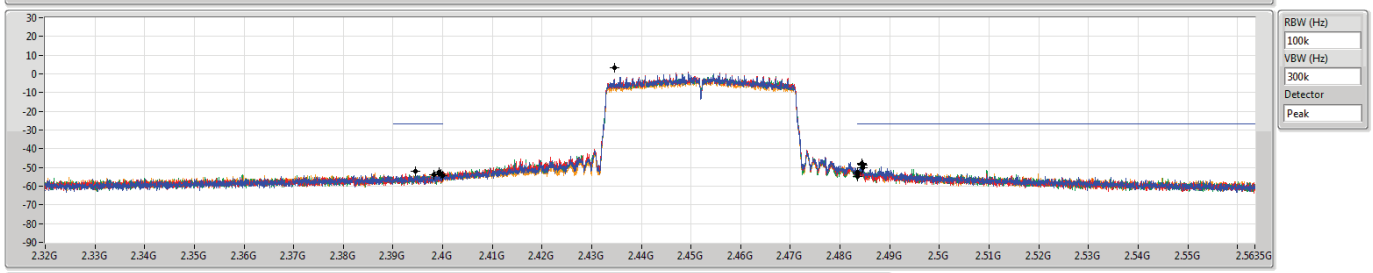


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43453G	3.24	-26.76	2.30855G	-59.14	2.39956G	-47.07	2.4G	-49.20	2.48354G	-51.59	24.23716G	-53.63	1
2.43453G	3.24	-26.76	2.30082G	-58.00	2.39956G	-42.28	2.4G	-46.09	2.48422G	-53.16	24.81209G	-53.89	2
2.43453G	3.24	-26.76	2.30769G	-56.62	2.39956G	-42.14	2.4G	-47.73	2.49446G	-49.87	17.22856G	-53.70	3
2.43453G	3.24	-26.76	2.18489G	-59.22	2.39828G	-46.50	2.4G	-47.65	2.48426G	-52.29	24.82331G	-53.49	4

802.11ax HEW40_Nss1,(MCS0)_4TX **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
2.43453G	3.24	-26.76	2.30741G	-59.54	2.39828G	-53.83	2.4835G	-52.52	2.48446G	-48.06	15.20647G	-53.91	1
2.43453G	3.24	-26.76	2.30168G	-59.07	2.39956G	-53.54	2.4835G	-53.21	2.4845G	-50.05	23.36774G	-53.36	2
2.43453G	3.24	-26.76	2.3054G	-58.74	2.39452G	-52.22	2.4835G	-54.62	2.4845G	-48.69	15.20927G	-53.59	3
2.43453G	3.24	-26.76	2.30311G	-58.15	2.39932G	-52.53	2.4G	-54.58	2.48446G	-47.83	23.25556G	-53.48	4

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)_4TX	Pass	2.43837G	9.42	-20.58	2.30437G	-49.23	2.3991G	-36.54	2.4G	-38.41	2.48858G	-46.69	16.90565G	-37.43	4
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	2.44075G	2.01	-27.99	2.30626G	-49.28	2.39936G	-42.79	2.4G	-46.01	2.52246G	-47.43	21.556G	-37.78	4

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)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43837G	9.42	-20.58	2.1104G	-49.82	2.3998G	-39.94	2.4G	-42.58	2.51022G	-46.87	16.54884G	-37.76	1
2412MHz	Pass	2.43837G	9.42	-20.58	2.30146G	-49.78	2.39994G	-36.79	2.4G	-38.94	2.52144G	-46.63	15.06539G	-37.87	2
2412MHz	Pass	2.43837G	9.42	-20.58	2.30991G	-48.99	2.39972G	-39.13	2.4G	-40.48	2.49146G	-45.99	24.91009G	-38.36	3
2412MHz	Pass	2.43837G	9.42	-20.58	2.30437G	-49.23	2.3991G	-36.54	2.4G	-38.41	2.48858G	-46.69	16.90565G	-37.43	4
2437MHz	Pass	2.43837G	9.42	-20.58	2.30991G	-49.83	2.3985G	-46.40	2.4835G	-48.19	2.48708G	-45.82	16.92251G	-38.62	1
2437MHz	Pass	2.43837G	9.42	-20.58	2.30437G	-48.89	2.39854G	-46.58	2.4G	-48.83	2.49464G	-46.55	16.97027G	-37.36	2
2437MHz	Pass	2.43837G	9.42	-20.58	2.127G	-50.33	2.39434G	-46.44	2.4G	-47.96	2.49974G	-46.08	24.88762G	-37.88	3
2437MHz	Pass	2.43837G	9.42	-20.58	2.30641G	-50.31	2.39928G	-46.81	2.4835G	-48.69	2.48736G	-46.55	16.5095G	-38.40	4
2462MHz	Pass	2.43837G	9.42	-20.58	2.17214G	-50.04	2.39214G	-48.19	2.4835G	-49.36	2.5227G	-47.52	16.85508G	-37.93	1
2462MHz	Pass	2.43837G	9.42	-20.58	2.30525G	-50.35	2.39194G	-48.42	2.4835G	-49.55	2.50862G	-47.19	21.77181G	-38.17	2
2462MHz	Pass	2.43837G	9.42	-20.58	2.30699G	-49.14	2.39018G	-48.03	2.4835G	-48.52	2.4983G	-46.91	23.22436G	-38.31	3
2462MHz	Pass	2.43837G	9.42	-20.58	2.30466G	-50.32	2.3954G	-48.81	2.4835G	-50.09	2.49078G	-47.52	24.9129G	-37.12	4
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	2.01	-27.99	2.30855G	-49.65	2.39932G	-44.36	2.4G	-48.30	2.48438G	-47.19	23.25556G	-37.53	1
2422MHz	Pass	2.44075G	2.01	-27.99	2.10703G	-49.98	2.39928G	-43.56	2.4G	-47.52	2.50918G	-47.17	24.85416G	-37.99	2
2422MHz	Pass	2.44075G	2.01	-27.99	2.30941G	-49.49	2.39736G	-44.43	2.4G	-49.10	2.49818G	-47.12	16.41804G	-37.73	3
2422MHz	Pass	2.44075G	2.01	-27.99	2.30626G	-49.28	2.39936G	-42.79	2.4G	-46.01	2.52246G	-47.43	21.556G	-37.78	4
2437MHz	Pass	2.44075G	2.01	-27.99	2.15655G	-49.44	2.39812G	-48.45	2.4G	-51.12	2.48894G	-47.18	16.77702G	-38.09	1
2437MHz	Pass	2.44075G	2.01	-27.99	2.12134G	-50.47	2.39632G	-46.66	2.4G	-49.22	2.5215G	-47.76	23.13216G	-38.01	2
2437MHz	Pass	2.44075G	2.01	-27.99	2.1763G	-50.66	2.394G	-47.29	2.4835G	-48.72	2.4913G	-46.68	23.37335G	-38.11	3
2437MHz	Pass	2.44075G	2.01	-27.99	2.18718G	-50.45	2.39988G	-46.35	2.4G	-48.29	2.48866G	-47.61	24.51481G	-38.60	4
2452MHz	Pass	2.44075G	2.01	-27.99	2.08871G	-51.05	2.39392G	-48.90	2.4835G	-51.15	2.49586G	-47.88	24.97476G	-38.16	1
2452MHz	Pass	2.44075G	2.01	-27.99	2.12879G	-50.69	2.39832G	-49.66	2.4835G	-51.87	2.52326G	-48.36	15.00454G	-37.05	2
2452MHz	Pass	2.44075G	2.01	-27.99	2.16399G	-50.47	2.39728G	-49.25	2.4835G	-49.41	2.55858G	-47.54	24.83453G	-38.76	3
2452MHz	Pass	2.44075G	2.01	-27.99	1.97078G	-50.77	2.39644G	-48.91	2.4835G	-50.50	2.48566G	-47.38	24.87099G	-36.82	4

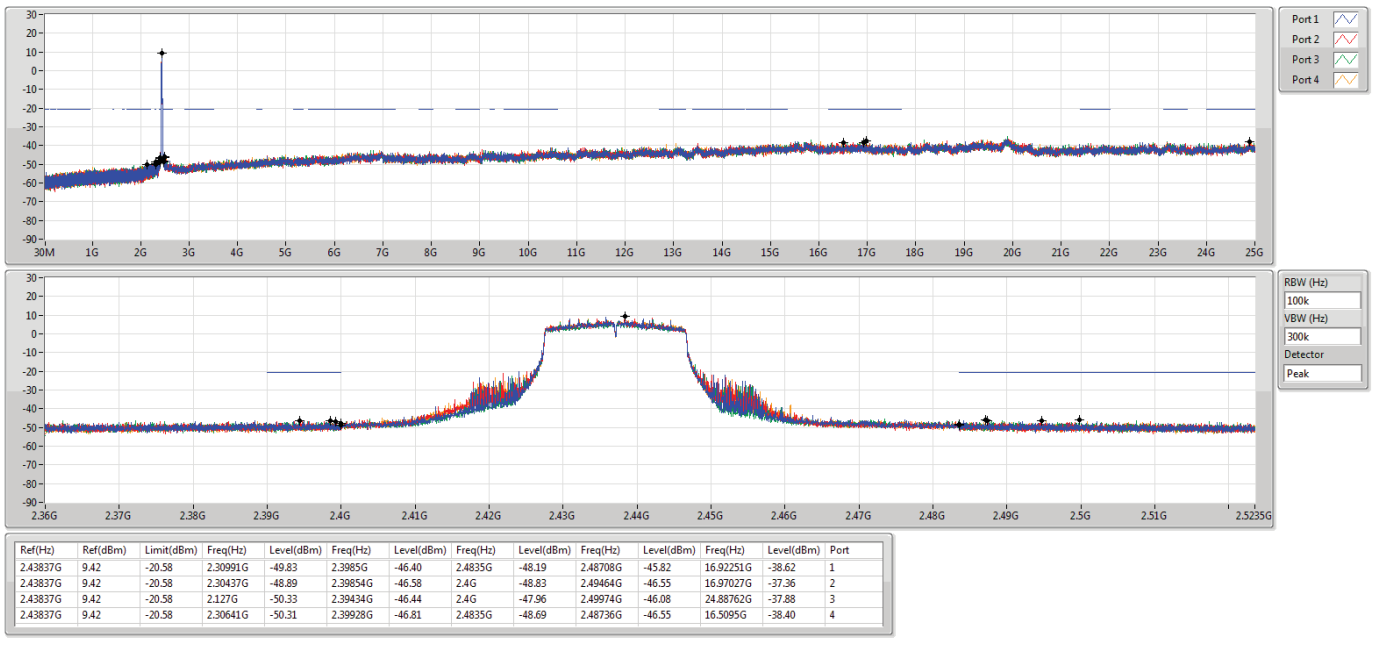
802.11ax HEW20-BF_Nss1,(MCS0)_4TX **CSENdB**

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
2.43837G	9.42	-20.58	2.1104G	-49.82	2.3998G	-39.94	2.4G	-42.58	2.51022G	-46.87	16.54884G	-37.76	1
2.43837G	9.42	-20.58	2.30146G	-49.78	2.39994G	-36.79	2.4G	-38.94	2.52144G	-46.63	15.06539G	-37.87	2
2.43837G	9.42	-20.58	2.30991G	-48.99	2.39972G	-39.13	2.4G	-40.48	2.49146G	-45.99	24.91009G	-38.36	3
2.43837G	9.42	-20.58	2.30437G	-49.23	2.3991G	-36.54	2.4G	-38.41	2.48858G	-46.69	16.90565G	-37.43	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **CSENdB**

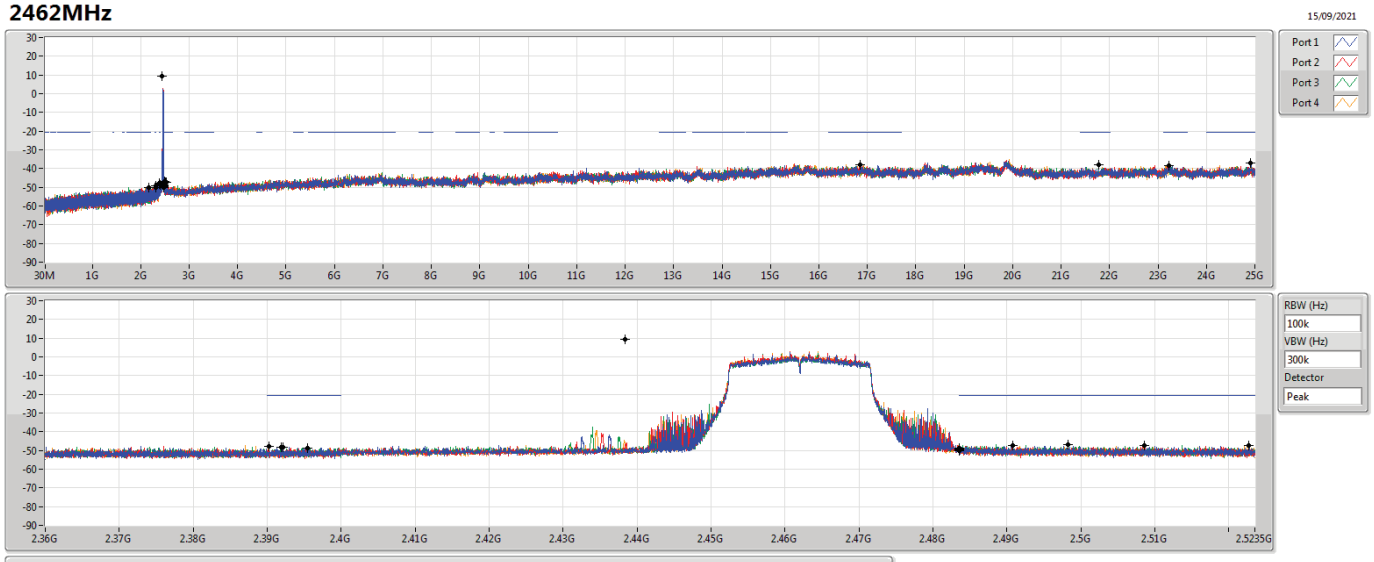
2437MHz



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
2.43837G	9.42	-20.58	2.30991G	-49.83	2.3985G	-46.40	2.4835G	-48.19	2.48708G	-45.82	16.92251G	-38.62	1
2.43837G	9.42	-20.58	2.30437G	-48.89	2.39854G	-46.58	2.4G	-48.83	2.49464G	-46.55	16.97027G	-37.36	2
2.43837G	9.42	-20.58	2.127G	-50.33	2.39434G	-46.44	2.4G	-47.96	2.49974G	-46.08	24.88762G	-37.88	3
2.43837G	9.42	-20.58	2.30641G	-50.31	2.39928G	-46.81	2.4835G	-48.69	2.48736G	-46.55	16.5095G	-38.40	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **CSENdB**

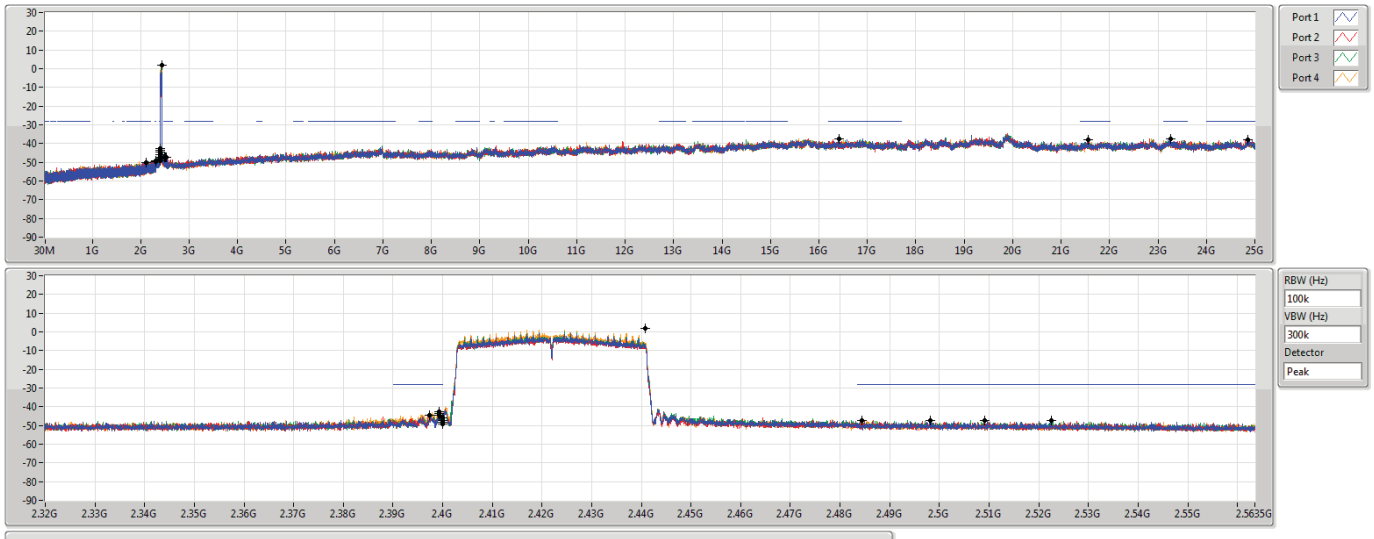
2462MHz



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
2.43837G	9.42	-20.58	2.17214G	-50.04	2.39214G	-48.19	2.4835G	-49.36	2.5227G	-47.52	16.85508G	-37.93	1
2.43837G	9.42	-20.58	2.30525G	-50.35	2.39194G	-48.42	2.4835G	-49.55	2.50862G	-47.19	21.77181G	-38.17	2
2.43837G	9.42	-20.58	2.30699G	-49.14	2.39018G	-48.03	2.4835G	-48.52	2.4983G	-46.91	23.22436G	-38.31	3
2.43837G	9.42	-20.58	2.30466G	-50.32	2.3954G	-48.81	2.4835G	-50.09	2.49078G	-47.52	24.9129G	-37.12	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **CSENdB**

2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	2.01	-27.99	2.30855G	-49.65	2.39932G	-44.36	2.4G	-48.30	2.48438G	-47.19	23.25556G	-37.53	1
2.44075G	2.01	-27.99	2.10703G	-49.98	2.39928G	-43.56	2.4G	-47.52	2.50918G	-47.17	24.85416G	-37.99	2
2.44075G	2.01	-27.99	2.30941G	-49.49	2.39736G	-44.43	2.4G	-49.10	2.49818G	-47.12	16.41804G	-37.73	3
2.44075G	2.01	-27.99	2.30626G	-49.28	2.39936G	-42.79	2.4G	-46.01	2.52246G	-47.43	21.556G	-37.78	4

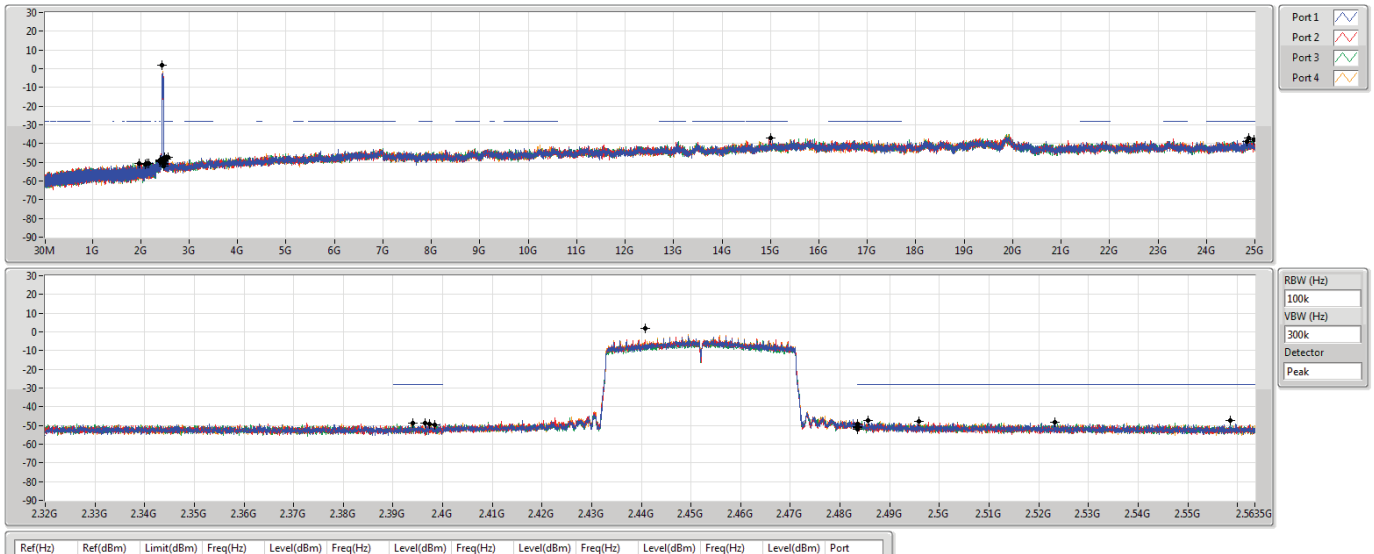
802.11ax HEW40-BF_Nss1,(MCS0)_4TX **CSENdB**

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	2.01	-27.99	2.15655G	-49.44	2.39812G	-48.45	2.4G	-51.12	2.48894G	-47.18	16.77702G	-38.09	1
2.44075G	2.01	-27.99	2.12134G	-50.47	2.39632G	-46.66	2.4G	-49.22	2.5215G	-47.76	23.13216G	-38.01	2
2.44075G	2.01	-27.99	2.1763G	-50.66	2.394G	-47.29	2.4835G	-48.72	2.4913G	-46.68	23.37335G	-38.11	3
2.44075G	2.01	-27.99	2.18718G	-50.45	2.39988G	-46.35	2.4G	-48.29	2.48866G	-47.61	24.51481G	-38.60	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **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	2.01	-27.99	2.08871G	-51.05	2.39392G	-48.90	2.4835G	-51.15	2.49586G	-47.88	24.97476G	-38.16	1
2.44075G	2.01	-27.99	2.12879G	-50.69	2.39832G	-49.66	2.4835G	-51.87	2.52326G	-48.36	15.00454G	-37.05	2
2.44075G	2.01	-27.99	2.16399G	-50.47	2.39728G	-49.25	2.4835G	-49.41	2.55858G	-47.54	24.83453G	-38.76	3
2.44075G	2.01	-27.99	1.97078G	-50.77	2.39644G	-48.91	2.4835G	-50.50	2.48566G	-47.38	24.87099G	-36.82	4

Summary

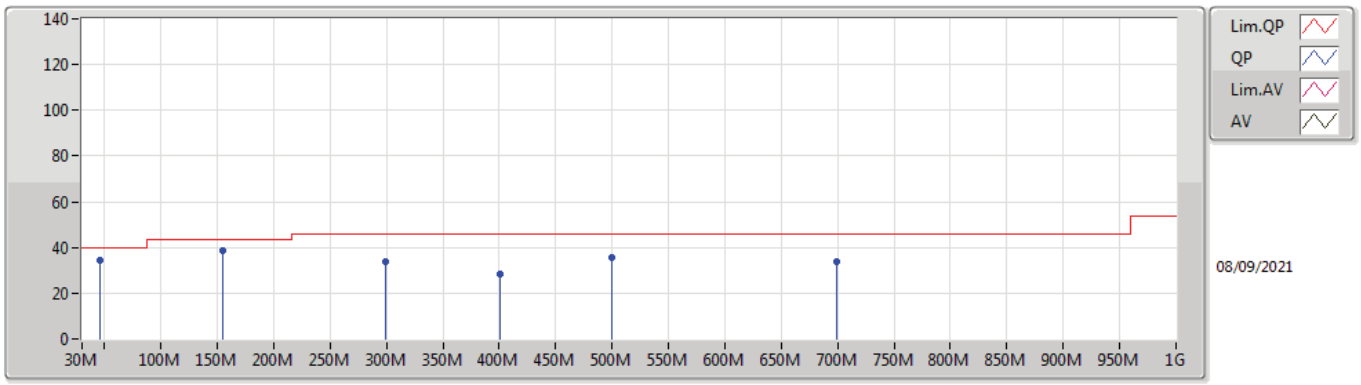
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	699.3M	42.47	46.00	-3.53	3	Horizontal	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	45.52M	34.51	40.00	-5.49	3	Vertical	0	1.00	-
2437MHz	Pass	PK	154.16M	38.70	43.50	-4.80	3	Vertical	0	1.00	-
2437MHz	Pass	PK	299.66M	33.58	46.00	-12.42	3	Vertical	0	1.00	-
2437MHz	Pass	PK	400.54M	28.65	46.00	-17.35	3	Vertical	0	1.00	-
2437MHz	Pass	PK	499.48M	35.34	46.00	-10.66	3	Vertical	0	1.00	-
2437MHz	Pass	PK	699.3M	33.72	46.00	-12.28	3	Vertical	0	1.00	-
2437MHz	Pass	PK	200.72M	38.89	43.50	-4.61	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	299.66M	39.58	46.00	-6.42	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	400.54M	31.67	46.00	-14.33	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	499.48M	31.10	46.00	-14.90	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	699.3M	42.47	46.00	-3.53	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	840.92M	39.06	46.00	-6.94	3	Horizontal	360	1.00	-

802.11ax HEW40_Nss1,(MCS0)_4TX

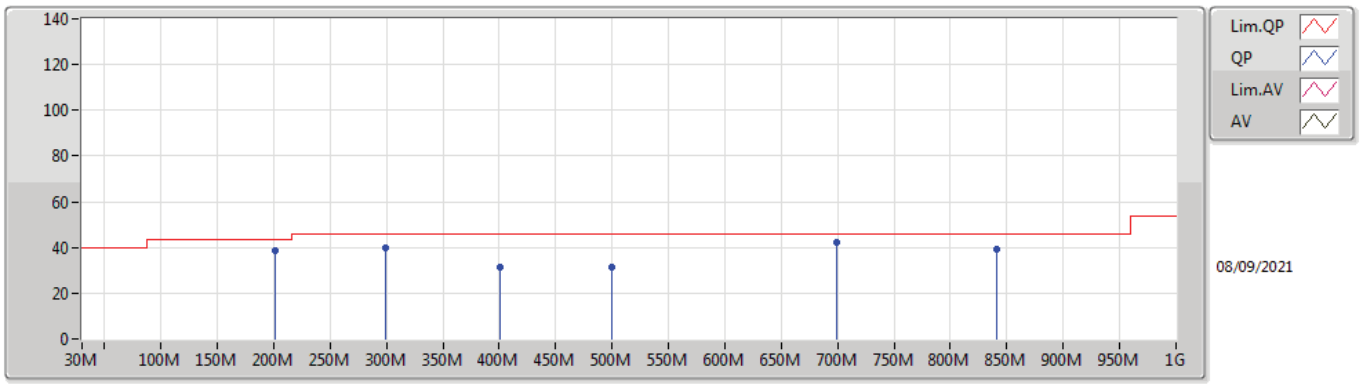
2437MHz_Test fixture



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	45.52M	34.51	40.00	-5.49	-20.61	3	Vertical	0	1.00	-	55.12	15.68	0.78	37.07
PK	154.16M	38.70	43.50	-4.80	-19.05	3	Vertical	0	1.00	-	57.75	16.12	1.21	36.38
PK	299.66M	33.58	46.00	-12.42	-16.39	3	Vertical	0	1.00	-	49.97	18.38	1.67	36.44
PK	400.54M	28.65	46.00	-17.35	-13.59	3	Vertical	0	1.00	-	42.24	21.07	1.91	36.57
PK	499.48M	35.34	46.00	-10.66	-11.65	3	Vertical	0	1.00	-	46.99	23.11	2.23	36.99
PK	699.3M	33.72	46.00	-12.28	-8.82	3	Vertical	0	1.00	-	42.54	25.79	2.68	37.29

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_Test fixture



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	200.72M	38.89	43.50	-4.61	-20.70	3	Horizontal	360	1.00	-	59.59	14.25	1.32	36.27
PK	299.66M	39.58	46.00	-6.42	-16.39	3	Horizontal	360	1.00	-	55.97	18.38	1.67	36.44
PK	400.54M	31.67	46.00	-14.33	-13.59	3	Horizontal	360	1.00	-	45.26	21.07	1.91	36.57
PK	499.48M	31.10	46.00	-14.90	-11.65	3	Horizontal	360	1.00	-	42.75	23.11	2.23	36.99
PK	699.3M	42.47	46.00	-3.53	-8.82	3	Horizontal	360	1.00	-	51.29	25.79	2.68	37.29
PK	840.92M	39.06	46.00	-6.94	-6.30	3	Horizontal	360	1.00	-	45.36	28.39	2.91	37.60

Summary

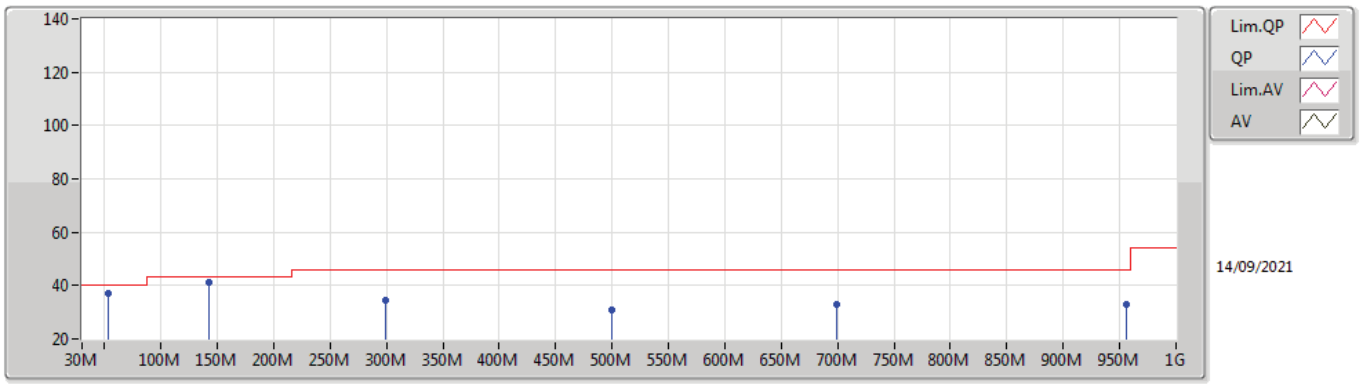
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	QP	121.18M	41.29	43.50	-2.21	3	Horizontal	52	1.32	-

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)_4TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	53.28M	36.99	40.00	-3.01	3	Vertical	360	1.00	-
2437MHz	Pass	PK	299.66M	34.45	46.00	-11.55	3	Vertical	360	1.00	-
2437MHz	Pass	PK	499.48M	30.99	46.00	-15.01	3	Vertical	360	1.00	-
2437MHz	Pass	PK	699.3M	32.70	46.00	-13.30	3	Vertical	360	1.00	-
2437MHz	Pass	PK	955.38M	32.80	46.00	-13.20	3	Vertical	360	1.00	-
2437MHz	Pass	QP	142.52M	41.19	43.50	-2.31	3	Vertical	277	1.05	-
2437MHz	Pass	PK	86.26M	29.76	40.00	-10.24	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	299.66M	40.73	46.00	-5.27	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	482.02M	32.59	46.00	-13.41	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	699.3M	35.81	46.00	-10.19	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	800.18M	39.29	46.00	-6.71	3	Horizontal	0	1.00	-
2437MHz	Pass	QP	121.18M	41.29	43.50	-2.21	3	Horizontal	52	1.32	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

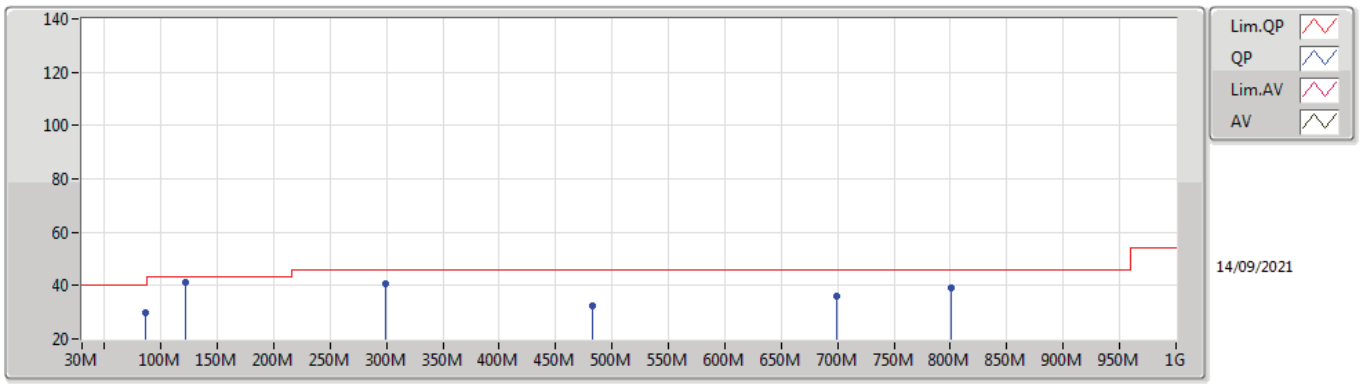
2437MHz_Test fixture



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	53.28M	36.99	40.00	-3.01	-24.30	3	Vertical	360	1.00	-	61.29	11.98	0.83	37.11
PK	299.66M	34.45	46.00	-11.55	-16.39	3	Vertical	360	1.00	-	50.84	18.38	1.67	36.44
PK	499.48M	30.99	46.00	-15.01	-11.65	3	Vertical	360	1.00	-	42.64	23.11	2.23	36.99
PK	699.3M	32.70	46.00	-13.30	-8.82	3	Vertical	360	1.00	-	41.52	25.79	2.68	37.29
PK	955.38M	32.80	46.00	-13.20	-4.30	3	Vertical	360	1.00	-	37.10	30.12	3.10	37.52
QP	142.52M	41.19	43.50	-2.31	-18.64	3	Vertical	277	1.05	-	59.83	16.58	1.18	36.40

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_Test fixture



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	86.26M	29.76	40.00	-10.24	-22.39	3	Horizontal	0	1.00	-	52.15	13.47	0.92	36.78
PK	299.66M	40.73	46.00	-5.27	-16.39	3	Horizontal	0	1.00	-	57.12	18.38	1.67	36.44
PK	482.02M	32.59	46.00	-13.41	-11.82	3	Horizontal	0	1.00	-	44.41	22.86	2.18	36.86
PK	699.3M	35.81	46.00	-10.19	-8.82	3	Horizontal	0	1.00	-	44.63	25.79	2.68	37.29
PK	800.18M	39.29	46.00	-6.71	-7.53	3	Horizontal	0	1.00	-	46.82	27.20	2.75	37.48
QP	121.18M	41.29	43.50	-2.21	-18.83	3	Horizontal	52	1.32	-	60.12	16.74	1.09	36.66

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)_4TX	Pass	AV	2.4886G	52.83	54.00	-1.17	3	Vertical	54	3.00	-
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.4838G	52.97	54.00	-1.03	3	Vertical	52	1.48	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	2.4846G	52.94	54.00	-1.06	3	Vertical	204	1.74	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	2.4838G	52.97	54.00	-1.03	3	Vertical	207	2.32	-

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)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3856G	52.68	54.00	-1.32	3	Vertical	59	1.00	-
2412MHz	Pass	AV	2.4138G	114.65	Inf	-Inf	3	Vertical	59	1.00	-
2412MHz	Pass	PK	2.3854G	62.99	74.00	-11.01	3	Vertical	59	1.00	-
2412MHz	Pass	PK	2.4148G	118.16	Inf	-Inf	3	Vertical	59	1.00	-
2412MHz	Pass	AV	2.3838G	45.71	54.00	-8.29	3	Horizontal	137	1.00	-
2412MHz	Pass	AV	2.4128G	109.32	Inf	-Inf	3	Horizontal	137	1.00	-
2412MHz	Pass	PK	2.3742G	58.70	74.00	-15.30	3	Horizontal	137	1.00	-
2412MHz	Pass	PK	2.4128G	111.72	Inf	-Inf	3	Horizontal	137	1.00	-
2412MHz	Pass	AV	4.824G	44.92	54.00	-9.08	3	Vertical	5	1.50	-
2412MHz	Pass	PK	4.82412G	50.30	74.00	-23.70	3	Vertical	5	1.50	-
2412MHz	Pass	AV	4.824G	45.78	54.00	-8.22	3	Horizontal	318	1.00	-
2412MHz	Pass	PK	4.82407G	51.10	74.00	-22.90	3	Horizontal	318	1.00	-
2417MHz	Pass	AV	2.39G	51.73	54.00	-2.27	3	Vertical	61	1.18	-
2417MHz	Pass	AV	2.4188G	115.03	Inf	-Inf	3	Vertical	61	1.18	-
2417MHz	Pass	PK	2.3898G	62.66	74.00	-11.34	3	Vertical	61	1.18	-
2417MHz	Pass	PK	2.4198G	118.44	Inf	-Inf	3	Vertical	61	1.18	-
2417MHz	Pass	AV	2.39G	45.58	54.00	-8.42	3	Horizontal	135	1.00	-
2417MHz	Pass	AV	2.4182G	109.58	Inf	-Inf	3	Horizontal	135	1.00	-
2417MHz	Pass	PK	2.3808G	58.53	74.00	-15.47	3	Horizontal	135	1.00	-
2417MHz	Pass	PK	2.4178G	111.95	Inf	-Inf	3	Horizontal	135	1.00	-
2437MHz	Pass	AV	2.3882G	51.95	54.00	-2.05	3	Vertical	60	1.06	-
2437MHz	Pass	AV	2.4398G	115.59	Inf	-Inf	3	Vertical	60	1.06	-
2437MHz	Pass	AV	2.4835G	52.16	54.00	-1.84	3	Vertical	60	1.06	-
2437MHz	Pass	PK	2.3898G	63.81	74.00	-10.19	3	Vertical	60	1.06	-
2437MHz	Pass	PK	2.4398G	119.40	Inf	-Inf	3	Vertical	60	1.06	-
2437MHz	Pass	PK	2.4835G	65.30	74.00	-8.70	3	Vertical	60	1.06	-
2437MHz	Pass	AV	2.3838G	46.02	54.00	-7.98	3	Horizontal	128.1	1.05	-
2437MHz	Pass	AV	2.4386G	111.48	Inf	-Inf	3	Horizontal	128.1	1.05	-
2437MHz	Pass	AV	2.4958G	45.54	54.00	-8.46	3	Horizontal	128.1	1.05	-
2437MHz	Pass	PK	2.3778G	58.32	74.00	-15.68	3	Horizontal	128.1	1.05	-
2437MHz	Pass	PK	2.4378G	114.05	Inf	-Inf	3	Horizontal	128.1	1.05	-
2437MHz	Pass	PK	2.4998G	62.57	74.00	-11.43	3	Horizontal	128.1	1.05	-
2437MHz	Pass	AV	4.87403G	49.59	54.00	-4.41	3	Vertical	196	1.90	-
2437MHz	Pass	PK	4.87391G	52.84	74.00	-21.16	3	Vertical	196	1.90	-
2437MHz	Pass	AV	4.87401G	48.45	54.00	-5.55	3	Horizontal	313	1.84	-
2437MHz	Pass	PK	4.87411G	52.45	74.00	-21.55	3	Horizontal	313	1.84	-
2457MHz	Pass	AV	2.4552G	114.02	Inf	-Inf	3	Vertical	54	3.00	-
2457MHz	Pass	AV	2.4836G	52.36	54.00	-1.64	3	Vertical	54	3.00	-
2457MHz	Pass	PK	2.4542G	116.63	Inf	-Inf	3	Vertical	54	3.00	-
2457MHz	Pass	PK	2.4835G	62.67	74.00	-11.33	3	Vertical	54	3.00	-
2457MHz	Pass	AV	2.4588G	104.54	Inf	-Inf	3	Horizontal	129	1.02	-
2457MHz	Pass	AV	2.4854G	45.03	54.00	-8.97	3	Horizontal	129	1.02	-
2457MHz	Pass	PK	2.4578G	106.87	Inf	-Inf	3	Horizontal	129	1.02	-
2457MHz	Pass	PK	2.4978G	57.83	74.00	-16.17	3	Horizontal	129	1.02	-
2462MHz	Pass	AV	2.4602G	114.01	Inf	-Inf	3	Vertical	54	3.00	-
2462MHz	Pass	AV	2.4886G	52.83	54.00	-1.17	3	Vertical	54	3.00	-
2462MHz	Pass	PK	2.4592G	116.55	Inf	-Inf	3	Vertical	54	3.00	-
2462MHz	Pass	PK	2.4892G	63.89	74.00	-10.11	3	Vertical	54	3.00	-
2462MHz	Pass	AV	2.4632G	104.73	Inf	-Inf	3	Horizontal	128	1.00	-
2462MHz	Pass	AV	2.4962G	45.10	54.00	-8.90	3	Horizontal	128	1.00	-
2462MHz	Pass	PK	2.4628G	107.13	Inf	-Inf	3	Horizontal	128	1.00	-
2462MHz	Pass	PK	2.4896G	57.66	74.00	-16.34	3	Horizontal	128	1.00	-
2462MHz	Pass	AV	4.92402G	43.36	54.00	-10.64	3	Vertical	193	1.86	-
2462MHz	Pass	PK	4.92391G	49.88	74.00	-24.12	3	Vertical	193	1.86	-
2462MHz	Pass	AV	4.92401G	42.66	54.00	-11.34	3	Horizontal	311	1.70	-
2462MHz	Pass	PK	4.92392G	49.38	74.00	-24.62	3	Horizontal	311	1.70	-
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389G	52.74	54.00	-1.26	3	Vertical	206	2.15	-
2412MHz	Pass	AV	2.4098G	110.20	Inf	-Inf	3	Vertical	206	2.15	-
2412MHz	Pass	PK	2.3898G	67.15	74.00	-6.85	3	Vertical	206	2.15	-

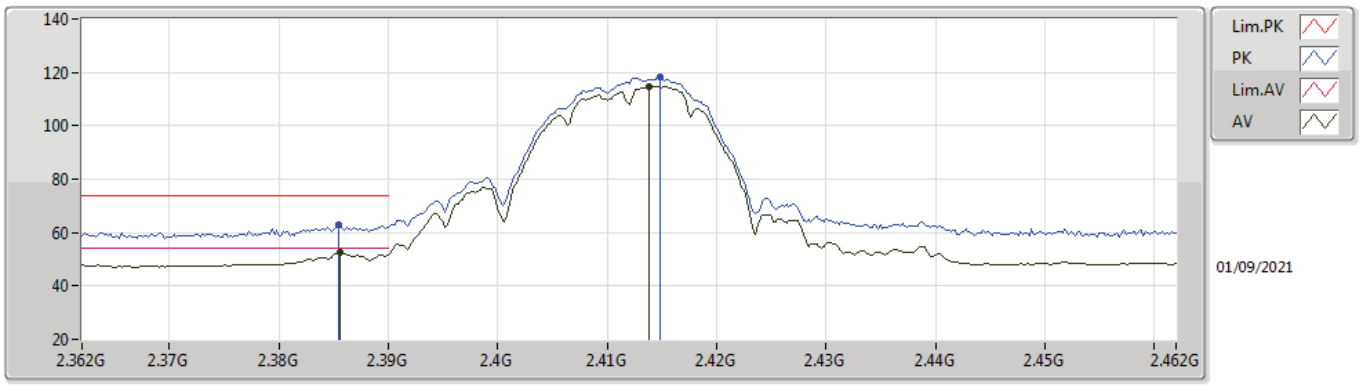
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.4094G	119.32	Inf	-Inf	3	Vertical	206	2.15	-
2412MHz	Pass	AV	2.3838G	47.10	54.00	-6.90	3	Horizontal	165	1.43	-
2412MHz	Pass	AV	2.4074G	98.57	Inf	-Inf	3	Horizontal	165	1.43	-
2412MHz	Pass	PK	2.3714G	59.02	74.00	-14.98	3	Horizontal	165	1.43	-
2412MHz	Pass	PK	2.4062G	108.49	Inf	-Inf	3	Horizontal	165	1.43	-
2412MHz	Pass	AV	4.82292G	32.67	54.00	-21.33	3	Vertical	313	1.50	-
2412MHz	Pass	PK	4.82296G	45.60	74.00	-28.40	3	Vertical	313	1.50	-
2412MHz	Pass	AV	4.82294G	33.58	54.00	-20.42	3	Horizontal	222	1.42	-
2412MHz	Pass	PK	4.82244G	47.91	74.00	-26.09	3	Horizontal	222	1.42	-
2417MHz	Pass	AV	2.39G	50.92	54.00	-3.08	3	Vertical	205	2.16	-
2417MHz	Pass	AV	2.4152G	111.50	Inf	-Inf	3	Vertical	205	2.16	-
2417MHz	Pass	PK	2.3888G	64.81	74.00	-9.19	3	Vertical	205	2.16	-
2417MHz	Pass	PK	2.415G	120.24	Inf	-Inf	3	Vertical	205	2.16	-
2417MHz	Pass	AV	2.3838G	47.03	54.00	-6.97	3	Horizontal	162	1.78	-
2417MHz	Pass	AV	2.4132G	99.90	Inf	-Inf	3	Horizontal	162	1.78	-
2417MHz	Pass	PK	2.377G	58.84	74.00	-15.16	3	Horizontal	162	1.78	-
2417MHz	Pass	PK	2.4122G	109.70	Inf	-Inf	3	Horizontal	162	1.78	-
2437MHz	Pass	AV	2.3886G	49.05	54.00	-4.95	3	Vertical	61	1.74	-
2437MHz	Pass	AV	2.4414G	110.56	Inf	-Inf	3	Vertical	61	1.74	-
2437MHz	Pass	AV	2.4838G	50.09	54.00	-3.91	3	Vertical	61	1.74	-
2437MHz	Pass	PK	2.3802G	60.74	74.00	-13.26	3	Vertical	61	1.74	-
2437MHz	Pass	PK	2.4418G	119.71	Inf	-Inf	3	Vertical	61	1.74	-
2437MHz	Pass	PK	2.4842G	61.55	74.00	-12.45	3	Vertical	61	1.74	-
2437MHz	Pass	AV	2.3834G	47.29	54.00	-6.71	3	Horizontal	164	1.50	-
2437MHz	Pass	AV	2.4326G	100.01	Inf	-Inf	3	Horizontal	164	1.50	-
2437MHz	Pass	AV	2.493G	45.54	54.00	-8.46	3	Horizontal	164	1.50	-
2437MHz	Pass	PK	2.367G	58.26	74.00	-15.74	3	Horizontal	164	1.50	-
2437MHz	Pass	PK	2.4334G	109.50	Inf	-Inf	3	Horizontal	164	1.50	-
2437MHz	Pass	PK	2.4866G	58.44	74.00	-15.56	3	Horizontal	164	1.50	-
2437MHz	Pass	AV	4.87481G	33.17	54.00	-20.83	3	Vertical	189	2.64	-
2437MHz	Pass	PK	4.87522G	46.21	74.00	-27.79	3	Vertical	189	2.64	-
2437MHz	Pass	AV	4.87549G	33.02	54.00	-20.98	3	Horizontal	320	1.84	-
2437MHz	Pass	PK	4.87527G	46.79	74.00	-27.21	3	Horizontal	320	1.84	-
2457MHz	Pass	AV	2.4616G	110.90	Inf	-Inf	3	Vertical	52	1.48	-
2457MHz	Pass	AV	2.4838G	52.97	54.00	-1.03	3	Vertical	52	1.48	-
2457MHz	Pass	PK	2.4596G	120.09	Inf	-Inf	3	Vertical	52	1.48	-
2457MHz	Pass	PK	2.4835G	65.67	74.00	-8.33	3	Vertical	52	1.48	-
2457MHz	Pass	AV	2.4594G	101.10	Inf	-Inf	3	Horizontal	57	1.00	-
2457MHz	Pass	AV	2.4835G	46.57	54.00	-7.43	3	Horizontal	57	1.00	-
2457MHz	Pass	PK	2.46G	110.14	Inf	-Inf	3	Horizontal	57	1.00	-
2457MHz	Pass	PK	2.4836G	58.27	74.00	-15.73	3	Horizontal	57	1.00	-
2462MHz	Pass	AV	2.4652G	109.10	Inf	-Inf	3	Vertical	54	1.50	-
2462MHz	Pass	AV	2.4854G	52.92	54.00	-1.08	3	Vertical	54	1.50	-
2462MHz	Pass	PK	2.4648G	118.27	Inf	-Inf	3	Vertical	54	1.50	-
2462MHz	Pass	PK	2.4854G	65.84	74.00	-8.16	3	Vertical	54	1.50	-
2462MHz	Pass	AV	2.4644G	98.42	Inf	-Inf	3	Horizontal	59	1.19	-
2462MHz	Pass	AV	2.4836G	46.94	54.00	-7.06	3	Horizontal	59	1.19	-
2462MHz	Pass	PK	2.4646G	107.85	Inf	-Inf	3	Horizontal	59	1.19	-
2462MHz	Pass	PK	2.4838G	59.54	74.00	-14.46	3	Horizontal	59	1.19	-
2462MHz	Pass	AV	4.9234G	32.64	54.00	-21.36	3	Vertical	188	2.09	-
2462MHz	Pass	PK	4.92449G	46.29	74.00	-27.71	3	Vertical	188	2.09	-
2462MHz	Pass	AV	4.92333G	32.66	54.00	-21.34	3	Horizontal	64	2.87	-
2462MHz	Pass	PK	4.92168G	46.13	74.00	-27.87	3	Horizontal	64	2.87	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389G	52.79	54.00	-1.21	3	Vertical	203	1.50	-
2412MHz	Pass	AV	2.4096G	108.08	Inf	-Inf	3	Vertical	203	1.50	-
2412MHz	Pass	PK	2.389G	67.80	74.00	-6.20	3	Vertical	203	1.50	-
2412MHz	Pass	PK	2.4098G	119.68	Inf	-Inf	3	Vertical	203	1.50	-
2412MHz	Pass	AV	2.3894G	46.94	54.00	-7.06	3	Horizontal	160	1.78	-
2412MHz	Pass	AV	2.4094G	97.76	Inf	-Inf	3	Horizontal	160	1.78	-
2412MHz	Pass	PK	2.374G	59.38	74.00	-14.62	3	Horizontal	160	1.78	-
2412MHz	Pass	PK	2.4094G	109.31	Inf	-Inf	3	Horizontal	160	1.78	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	4.8223G	32.68	54.00	-21.32	3	Vertical	244	1.50	-
2412MHz	Pass	PK	4.8237G	45.23	74.00	-28.77	3	Vertical	244	1.50	-
2412MHz	Pass	AV	4.82314G	33.17	54.00	-20.83	3	Horizontal	230	1.46	-
2412MHz	Pass	PK	4.82468G	46.33	74.00	-27.67	3	Horizontal	230	1.46	-
2417MHz	Pass	AV	2.3898G	51.68	54.00	-2.32	3	Vertical	204	2.03	-
2417MHz	Pass	AV	2.4146G	110.80	Inf	-Inf	3	Vertical	204	2.03	-
2417MHz	Pass	PK	2.389G	70.76	74.00	-3.24	3	Vertical	204	2.03	-
2417MHz	Pass	PK	2.4198G	122.05	Inf	-Inf	3	Vertical	204	2.03	-
2417MHz	Pass	AV	2.3772G	46.33	54.00	-7.67	3	Horizontal	159	1.78	-
2417MHz	Pass	AV	2.418G	93.45	Inf	-Inf	3	Horizontal	159	1.78	-
2417MHz	Pass	PK	2.3764G	59.44	74.00	-14.56	3	Horizontal	159	1.78	-
2417MHz	Pass	PK	2.418G	110.54	Inf	-Inf	3	Horizontal	159	1.78	-
2437MHz	Pass	AV	2.3858G	50.11	54.00	-3.89	3	Vertical	200	1.88	-
2437MHz	Pass	AV	2.4398G	111.50	Inf	-Inf	3	Vertical	200	1.88	-
2437MHz	Pass	AV	2.485G	50.83	54.00	-3.17	3	Vertical	200	1.88	-
2437MHz	Pass	PK	2.3878G	63.18	74.00	-10.82	3	Vertical	200	1.88	-
2437MHz	Pass	PK	2.4398G	121.92	Inf	-Inf	3	Vertical	200	1.88	-
2437MHz	Pass	PK	2.4846G	63.41	74.00	-10.59	3	Vertical	200	1.88	-
2437MHz	Pass	AV	2.3634G	46.83	54.00	-7.17	3	Horizontal	162	1.56	-
2437MHz	Pass	AV	2.4342G	100.04	Inf	-Inf	3	Horizontal	162	1.56	-
2437MHz	Pass	AV	2.4858G	45.49	54.00	-8.51	3	Horizontal	162	1.56	-
2437MHz	Pass	PK	2.3746G	58.46	74.00	-15.54	3	Horizontal	162	1.56	-
2437MHz	Pass	PK	2.4346G	112.87	Inf	-Inf	3	Horizontal	162	1.56	-
2437MHz	Pass	PK	2.485G	58.34	74.00	-15.66	3	Horizontal	162	1.56	-
2437MHz	Pass	AV	4.87246G	32.86	54.00	-21.14	3	Vertical	5	1.22	-
2437MHz	Pass	PK	4.87634G	46.03	74.00	-27.97	3	Vertical	5	1.22	-
2437MHz	Pass	AV	4.87422G	32.64	54.00	-21.36	3	Horizontal	325	1.47	-
2437MHz	Pass	PK	4.87381G	45.09	74.00	-28.91	3	Horizontal	325	1.47	-
2457MHz	Pass	AV	2.4562G	105.15	Inf	-Inf	3	Vertical	56	1.11	-
2457MHz	Pass	AV	2.4862G	52.41	54.00	-1.59	3	Vertical	56	1.11	-
2457MHz	Pass	PK	2.4558G	121.74	Inf	-Inf	3	Vertical	56	1.11	-
2457MHz	Pass	PK	2.4864G	66.23	74.00	-7.77	3	Vertical	56	1.11	-
2457MHz	Pass	AV	2.455G	96.12	Inf	-Inf	3	Horizontal	55	2.52	-
2457MHz	Pass	AV	2.4846G	46.07	54.00	-7.93	3	Horizontal	55	2.52	-
2457MHz	Pass	PK	2.46G	114.87	Inf	-Inf	3	Horizontal	55	2.52	-
2457MHz	Pass	PK	2.4866G	58.21	74.00	-15.79	3	Horizontal	55	2.52	-
2462MHz	Pass	AV	2.4596G	106.76	Inf	-Inf	3	Vertical	204	1.74	-
2462MHz	Pass	AV	2.4846G	52.94	54.00	-1.06	3	Vertical	204	1.74	-
2462MHz	Pass	PK	2.4598G	118.10	Inf	-Inf	3	Vertical	204	1.74	-
2462MHz	Pass	PK	2.4852G	67.27	74.00	-6.73	3	Vertical	204	1.74	-
2462MHz	Pass	AV	2.4642G	94.58	Inf	-Inf	3	Horizontal	161	1.70	-
2462MHz	Pass	AV	2.4926G	45.57	54.00	-8.43	3	Horizontal	161	1.70	-
2462MHz	Pass	PK	2.4644G	105.80	Inf	-Inf	3	Horizontal	161	1.70	-
2462MHz	Pass	PK	2.4988G	57.85	74.00	-16.15	3	Horizontal	161	1.70	-
2462MHz	Pass	AV	4.92192G	32.21	54.00	-21.79	3	Vertical	8	2.00	-
2462MHz	Pass	PK	4.92486G	45.24	74.00	-28.76	3	Vertical	8	2.00	-
2462MHz	Pass	AV	4.92294G	32.05	54.00	-21.95	3	Horizontal	114	1.50	-
2462MHz	Pass	PK	4.92219G	44.88	74.00	-29.12	3	Horizontal	114	1.50	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3884G	52.54	54.00	-1.46	3	Vertical	206	2.30	-
2422MHz	Pass	AV	2.4232G	103.97	Inf	-Inf	3	Vertical	206	2.30	-
2422MHz	Pass	AV	2.4844G	47.96	54.00	-6.04	3	Vertical	206	2.30	-
2422MHz	Pass	PK	2.3884G	64.11	74.00	-9.89	3	Vertical	206	2.30	-
2422MHz	Pass	PK	2.4232G	115.25	Inf	-Inf	3	Vertical	206	2.30	-
2422MHz	Pass	PK	2.492G	59.36	74.00	-14.64	3	Vertical	206	2.30	-
2422MHz	Pass	AV	2.384G	47.11	54.00	-6.89	3	Horizontal	159	1.68	-
2422MHz	Pass	AV	2.4228G	91.62	Inf	-Inf	3	Horizontal	159	1.68	-
2422MHz	Pass	AV	2.4896G	45.92	54.00	-8.08	3	Horizontal	159	1.68	-
2422MHz	Pass	PK	2.3896G	58.45	74.00	-15.55	3	Horizontal	159	1.68	-
2422MHz	Pass	PK	2.418G	101.92	Inf	-Inf	3	Horizontal	159	1.68	-
2422MHz	Pass	PK	2.4896G	57.35	74.00	-16.65	3	Horizontal	159	1.68	-
2422MHz	Pass	AV	4.8437G	40.08	54.00	-13.92	3	Vertical	297	2.02	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	4.84381G	48.75	74.00	-25.25	3	Vertical	297	2.02	-
2422MHz	Pass	AV	4.84378G	43.28	54.00	-10.72	3	Horizontal	240	1.19	-
2422MHz	Pass	PK	4.84373G	51.01	74.00	-22.99	3	Horizontal	240	1.19	-
2427MHz	Pass	AV	2.3882G	51.40	54.00	-2.60	3	Vertical	206	2.16	-
2427MHz	Pass	AV	2.4282G	104.32	Inf	-Inf	3	Vertical	206	2.16	-
2427MHz	Pass	AV	2.4842G	48.46	54.00	-5.54	3	Vertical	206	2.16	-
2427MHz	Pass	PK	2.3886G	62.89	74.00	-11.11	3	Vertical	206	2.16	-
2427MHz	Pass	PK	2.4282G	115.70	Inf	-Inf	3	Vertical	206	2.16	-
2427MHz	Pass	PK	2.4886G	60.17	74.00	-13.83	3	Vertical	206	2.16	-
2427MHz	Pass	AV	2.3898G	46.60	54.00	-7.40	3	Horizontal	157	1.50	-
2427MHz	Pass	AV	2.4278G	91.10	Inf	-Inf	3	Horizontal	157	1.50	-
2427MHz	Pass	AV	2.4886G	46.08	54.00	-7.92	3	Horizontal	157	1.50	-
2427MHz	Pass	PK	2.3886G	58.24	74.00	-15.76	3	Horizontal	157	1.50	-
2427MHz	Pass	PK	2.4278G	102.27	Inf	-Inf	3	Horizontal	157	1.50	-
2427MHz	Pass	PK	2.4966G	57.29	74.00	-16.71	3	Horizontal	157	1.50	-
2437MHz	Pass	AV	2.3886G	51.76	54.00	-2.24	3	Vertical	207	2.32	-
2437MHz	Pass	AV	2.4386G	106.55	Inf	-Inf	3	Vertical	207	2.32	-
2437MHz	Pass	AV	2.4838G	52.97	54.00	-1.03	3	Vertical	207	2.32	-
2437MHz	Pass	PK	2.3886G	63.72	74.00	-10.28	3	Vertical	207	2.32	-
2437MHz	Pass	PK	2.4382G	118.17	Inf	-Inf	3	Vertical	207	2.32	-
2437MHz	Pass	PK	2.4838G	65.11	74.00	-8.89	3	Vertical	207	2.32	-
2437MHz	Pass	AV	2.3846G	46.97	54.00	-7.03	3	Horizontal	57	2.76	-
2437MHz	Pass	AV	2.4394G	97.21	Inf	-Inf	3	Horizontal	57	2.76	-
2437MHz	Pass	AV	2.4854G	46.68	54.00	-7.32	3	Horizontal	57	2.76	-
2437MHz	Pass	PK	2.3898G	59.49	74.00	-14.51	3	Horizontal	57	2.76	-
2437MHz	Pass	PK	2.4398G	108.96	Inf	-Inf	3	Horizontal	57	2.76	-
2437MHz	Pass	PK	2.4842G	58.82	74.00	-15.18	3	Horizontal	57	2.76	-
2437MHz	Pass	AV	4.87473G	32.61	54.00	-21.39	3	Vertical	211	2.93	-
2437MHz	Pass	PK	4.87264G	44.80	74.00	-29.20	3	Vertical	211	2.93	-
2437MHz	Pass	AV	4.87259G	32.42	54.00	-21.58	3	Horizontal	261	1.50	-
2437MHz	Pass	PK	4.87375G	44.45	74.00	-29.55	3	Horizontal	261	1.50	-
2447MHz	Pass	AV	2.3874G	50.07	54.00	-3.93	3	Vertical	56	1.16	-
2447MHz	Pass	AV	2.451G	104.10	Inf	-Inf	3	Vertical	56	1.16	-
2447MHz	Pass	AV	2.4866G	52.88	54.00	-1.12	3	Vertical	56	1.16	-
2447MHz	Pass	PK	2.3886G	60.96	74.00	-13.04	3	Vertical	56	1.16	-
2447MHz	Pass	PK	2.4458G	115.38	Inf	-Inf	3	Vertical	56	1.16	-
2447MHz	Pass	PK	2.4835G	64.63	74.00	-9.37	3	Vertical	56	1.16	-
2447MHz	Pass	AV	2.3834G	47.06	54.00	-6.94	3	Horizontal	159	1.50	-
2447MHz	Pass	AV	2.4478G	92.32	Inf	-Inf	3	Horizontal	159	1.50	-
2447MHz	Pass	AV	2.4858G	46.62	54.00	-7.38	3	Horizontal	159	1.50	-
2447MHz	Pass	PK	2.3682G	62.58	74.00	-11.42	3	Horizontal	159	1.50	-
2447MHz	Pass	PK	2.4478G	103.65	Inf	-Inf	3	Horizontal	159	1.50	-
2447MHz	Pass	PK	2.4934G	57.89	74.00	-16.11	3	Horizontal	159	1.50	-
2452MHz	Pass	AV	2.3896G	47.42	54.00	-6.58	3	Vertical	56	1.14	-
2452MHz	Pass	AV	2.4512G	103.73	Inf	-Inf	3	Vertical	56	1.14	-
2452MHz	Pass	AV	2.486G	52.81	54.00	-1.19	3	Vertical	56	1.14	-
2452MHz	Pass	PK	2.3896G	58.89	74.00	-15.11	3	Vertical	56	1.14	-
2452MHz	Pass	PK	2.4512G	114.79	Inf	-Inf	3	Vertical	56	1.14	-
2452MHz	Pass	PK	2.4888G	63.93	74.00	-10.07	3	Vertical	56	1.14	-
2452MHz	Pass	AV	2.3768G	45.95	54.00	-8.05	3	Horizontal	57	2.47	-
2452MHz	Pass	AV	2.4548G	93.43	Inf	-Inf	3	Horizontal	57	2.47	-
2452MHz	Pass	AV	2.4848G	46.51	54.00	-7.49	3	Horizontal	57	2.47	-
2452MHz	Pass	PK	2.3816G	58.99	74.00	-15.01	3	Horizontal	57	2.47	-
2452MHz	Pass	PK	2.4544G	104.87	Inf	-Inf	3	Horizontal	57	2.47	-
2452MHz	Pass	PK	2.4896G	57.69	74.00	-16.31	3	Horizontal	57	2.47	-
2452MHz	Pass	AV	4.90203G	33.24	54.00	-20.76	3	Vertical	265	2.85	-
2452MHz	Pass	PK	4.90632G	44.81	74.00	-29.19	3	Vertical	265	2.85	-
2452MHz	Pass	AV	4.90325G	33.31	54.00	-20.69	3	Horizontal	317	1.50	-
2452MHz	Pass	PK	4.90253G	44.94	74.00	-29.06	3	Horizontal	317	1.50	-

802.11b_Nss1,(1Mbps)_4TX

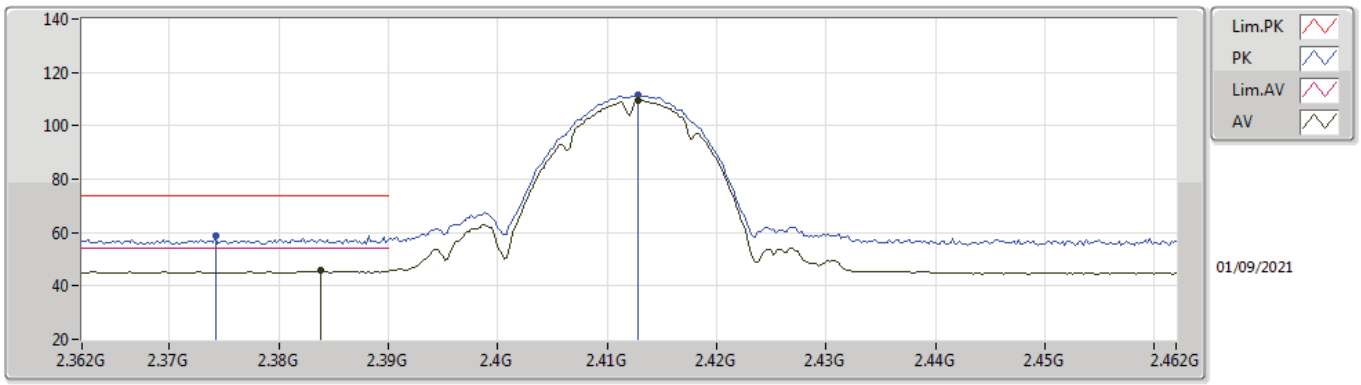
2412MHz_TX



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	2.3856G	52.68	54.00	-1.32	32.23	3	Vertical	59	1.00	-	20.45	27.66	4.57	-
AV	2.4138G	114.65	Inf	-Inf	32.16	3	Vertical	59	1.00	-	82.49	27.57	4.59	-
PK	2.3854G	62.99	74.00	-11.01	32.23	3	Vertical	59	1.00	-	30.76	27.66	4.57	-
PK	2.4148G	118.16	Inf	-Inf	32.16	3	Vertical	59	1.00	-	86.00	27.57	4.59	-

802.11b_Nss1,(1Mbps)_4TX

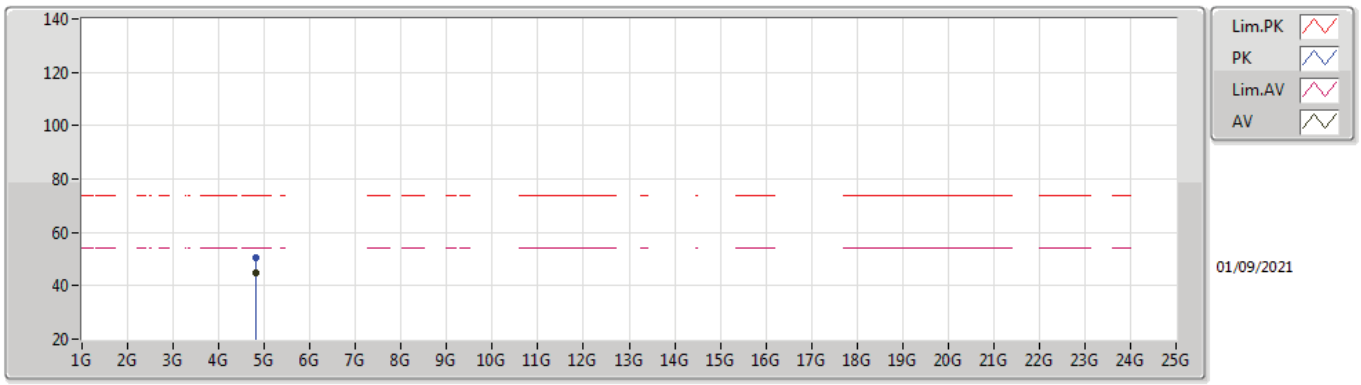
2412MHz_TX



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	2.3838G	45.71	54.00	-8.29	32.22	3	Horizontal	137	1.00	-	13.49	27.66	4.56	-
AV	2.4128G	109.32	Inf	-Inf	32.16	3	Horizontal	137	1.00	-	77.16	27.57	4.59	-
PK	2.3742G	58.70	74.00	-15.30	32.26	3	Horizontal	137	1.00	-	26.44	27.70	4.56	-
PK	2.4128G	111.72	Inf	-Inf	32.16	3	Horizontal	137	1.00	-	79.56	27.57	4.59	-

802.11b_Nss1,(1Mbps)_4TX

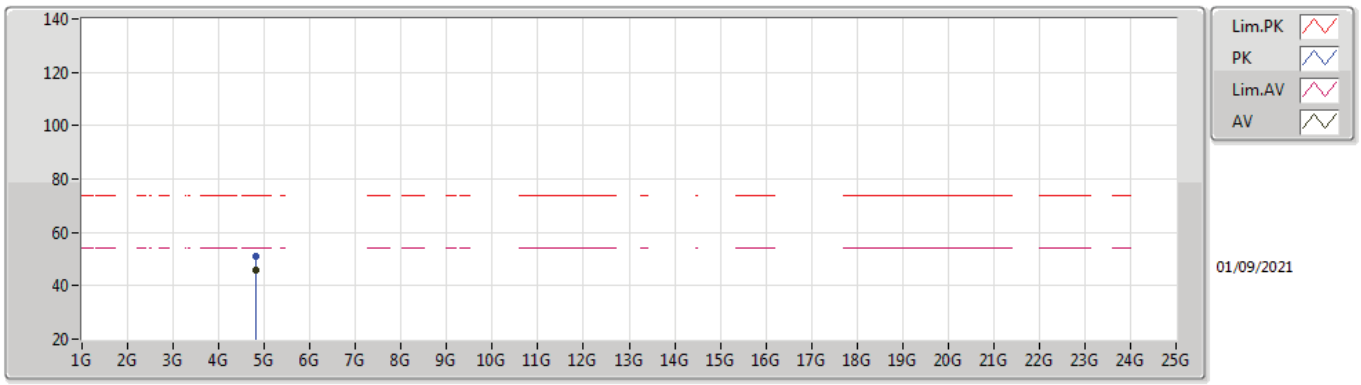
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	44.92	54.00	-9.08	2.97	3	Vertical	5	1.50	-	41.95	31.10	6.68	34.81
PK	4.82412G	50.30	74.00	-23.70	2.97	3	Vertical	5	1.50	-	47.33	31.10	6.68	34.81

802.11b_Nss1,(1Mbps)_4TX

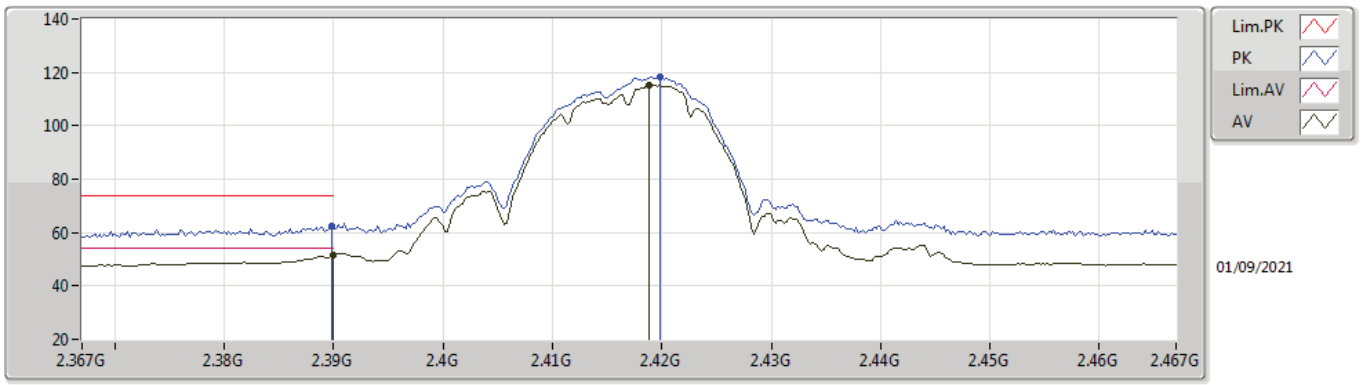
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	45.78	54.00	-8.22	2.97	3	Horizontal	318	1.00	-	42.81	31.10	6.68	34.81
PK	4.82407G	51.10	74.00	-22.90	2.97	3	Horizontal	318	1.00	-	48.13	31.10	6.68	34.81

802.11b_Nss1,(1Mbps)_4TX

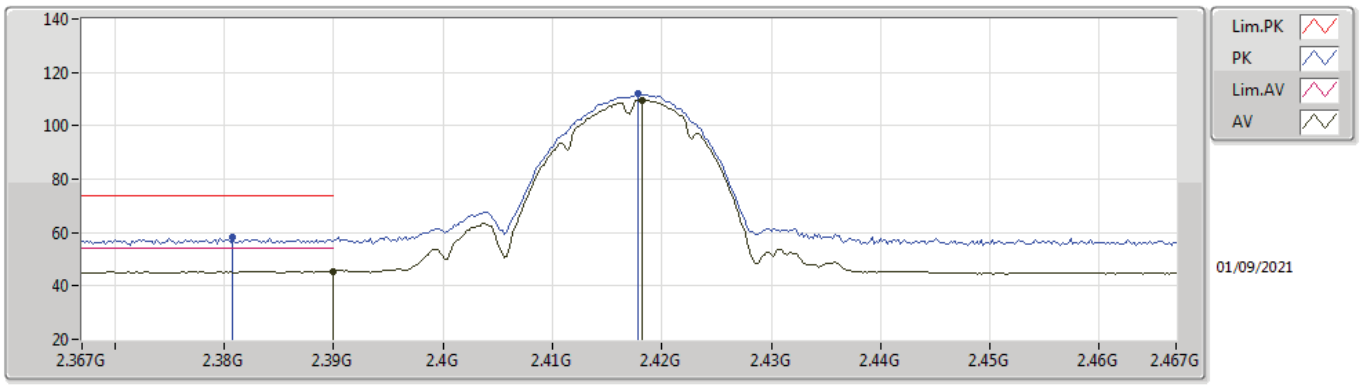
2417MHz_TX



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	51.73	54.00	-2.27	32.21	3	Vertical	61	1.18	-	19.52	27.64	4.57	-
AV	2.4188G	115.03	Inf	-Inf	32.15	3	Vertical	61	1.18	-	82.88	27.56	4.59	-
PK	2.3898G	62.66	74.00	-11.34	32.21	3	Vertical	61	1.18	-	30.45	27.64	4.57	-
PK	2.4198G	118.44	Inf	-Inf	32.15	3	Vertical	61	1.18	-	86.29	27.56	4.59	-

802.11b_Nss1,(1Mbps)_4TX

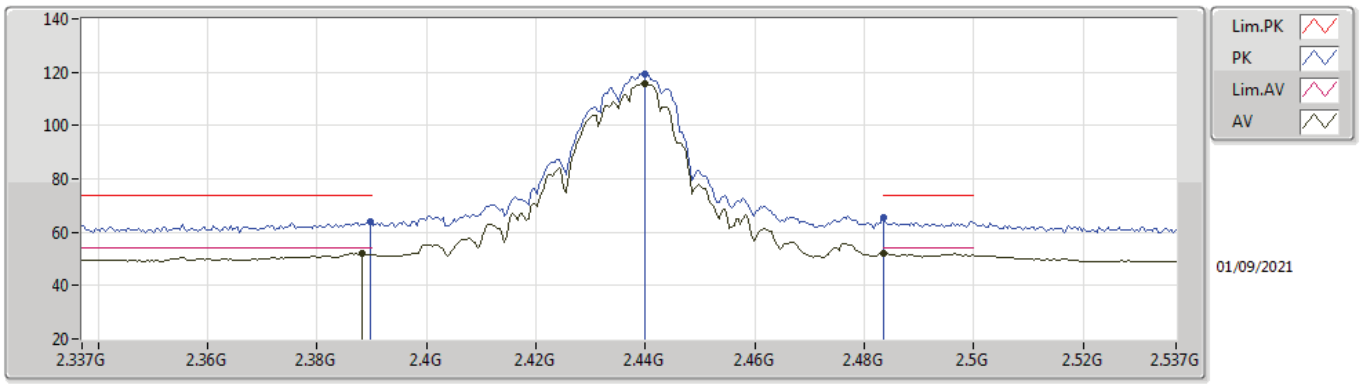
2417MHz_TX



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	45.58	54.00	-8.42	32.21	3	Horizontal	135	1.00	-	13.37	27.64	4.57	-
AV	2.4182G	109.58	Inf	-Inf	32.15	3	Horizontal	135	1.00	-	77.43	27.56	4.59	-
PK	2.3808G	58.53	74.00	-15.47	32.24	3	Horizontal	135	1.00	-	26.29	27.68	4.56	-
PK	2.4178G	111.95	Inf	-Inf	32.15	3	Horizontal	135	1.00	-	79.80	27.56	4.59	-

802.11b_Nss1,(1Mbps)_4TX

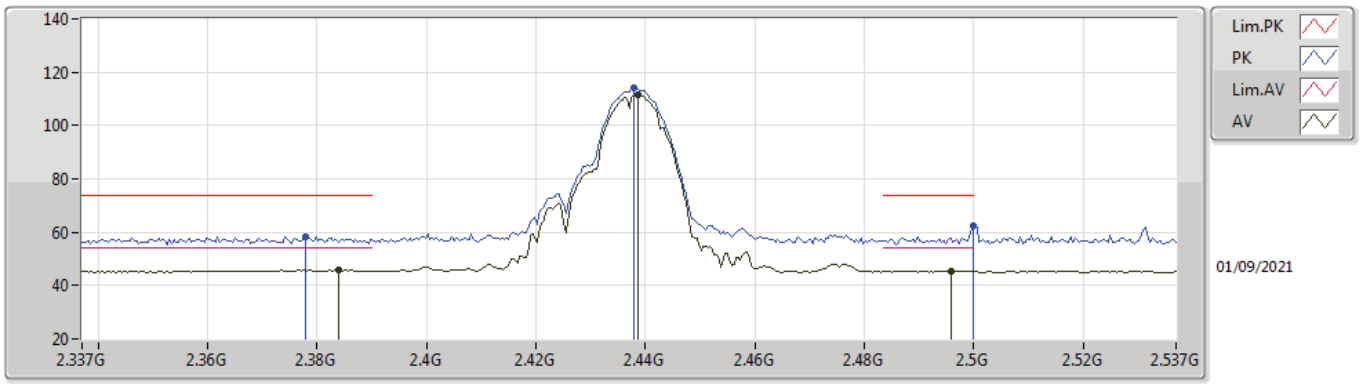
2437MHz_TX



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	2.3882G	51.95	54.00	-2.05	32.22	3	Vertical	60	1.06	-	19.73	27.65	4.57	-
AV	2.4398G	115.59	Inf	-Inf	32.12	3	Vertical	60	1.06	-	83.47	27.52	4.60	-
AV	2.4835G	52.16	54.00	-1.84	32.11	3	Vertical	60	1.06	-	20.05	27.50	4.61	-
PK	2.3898G	63.81	74.00	-10.19	32.21	3	Vertical	60	1.06	-	31.60	27.64	4.57	-
PK	2.4398G	119.40	Inf	-Inf	32.12	3	Vertical	60	1.06	-	87.28	27.52	4.60	-
PK	2.4835G	65.30	74.00	-8.70	32.11	3	Vertical	60	1.06	-	33.19	27.50	4.61	-

802.11b_Nss1,(1Mbps)_4TX

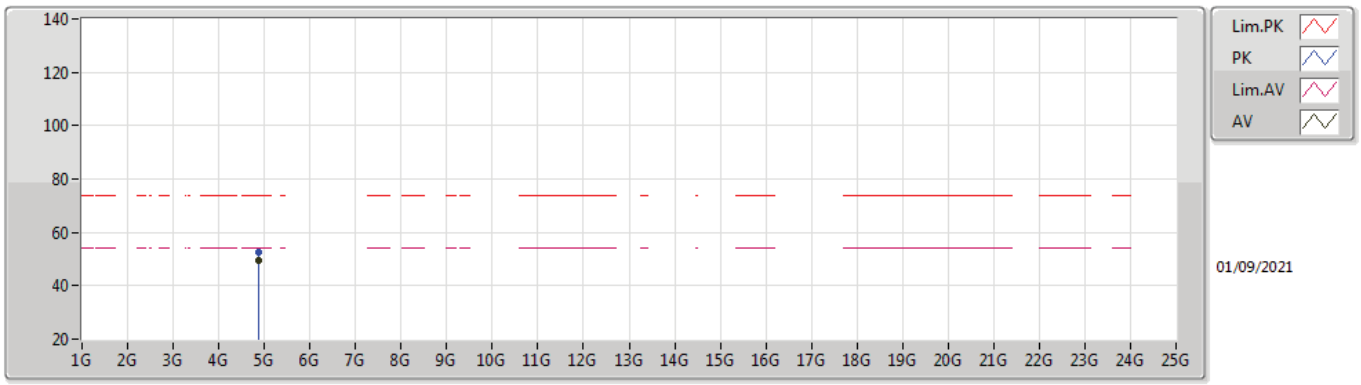
2437MHz_TX



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	2.3838G	46.02	54.00	-7.98	32.22	3	Horizontal	128.1	1.05	-	13.80	27.66	4.56	-
AV	2.4386G	111.48	Inf	-Inf	32.12	3	Horizontal	128.1	1.05	-	79.36	27.52	4.60	-
AV	2.4958G	45.54	54.00	-8.46	32.12	3	Horizontal	128.1	1.05	-	13.42	27.50	4.62	-
PK	2.3778G	58.32	74.00	-15.68	32.25	3	Horizontal	128.1	1.05	-	26.07	27.69	4.56	-
PK	2.4378G	114.05	Inf	-Inf	32.12	3	Horizontal	128.1	1.05	-	81.93	27.52	4.60	-
PK	2.4998G	62.57	74.00	-11.43	32.12	3	Horizontal	128.1	1.05	-	30.45	27.50	4.62	-

802.11b_Nss1,(1Mbps)_4TX

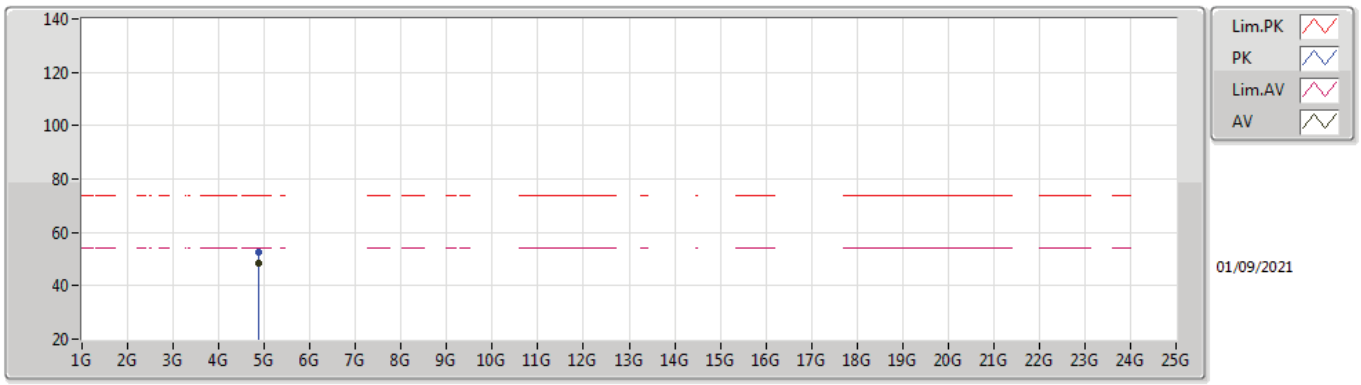
2437MHz_TX



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	4.87403G	49.59	54.00	-4.41	3.03	3	Vertical	196	1.90	-	46.56	31.10	6.72	34.79
PK	4.87391G	52.84	74.00	-21.16	3.03	3	Vertical	196	1.90	-	49.81	31.10	6.72	34.79

802.11b_Nss1,(1Mbps)_4TX

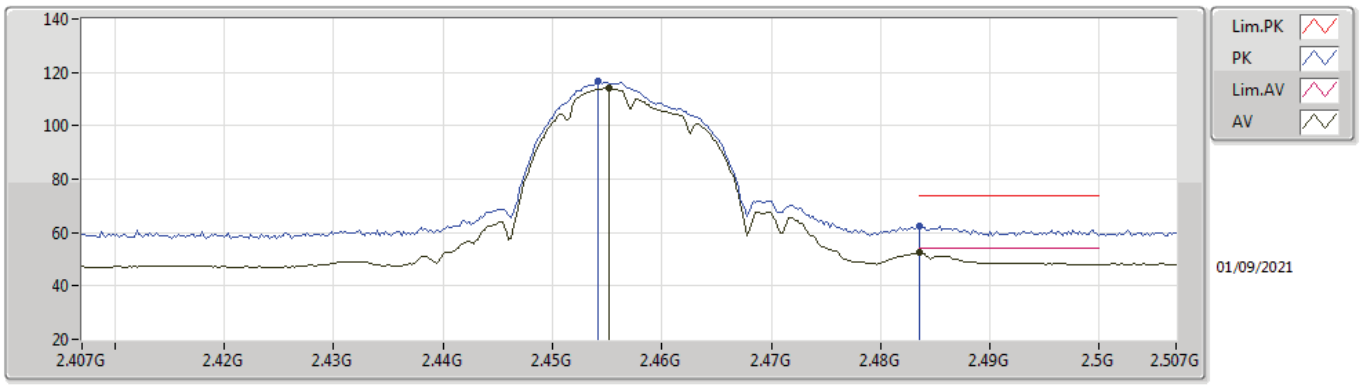
2437MHz_TX



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	4.87401G	48.45	54.00	-5.55	3.03	3	Horizontal	313	1.84	-	45.42	31.10	6.72	34.79
PK	4.87411G	52.45	74.00	-21.55	3.03	3	Horizontal	313	1.84	-	49.42	31.10	6.72	34.79

802.11b_Nss1,(1Mbps)_4TX

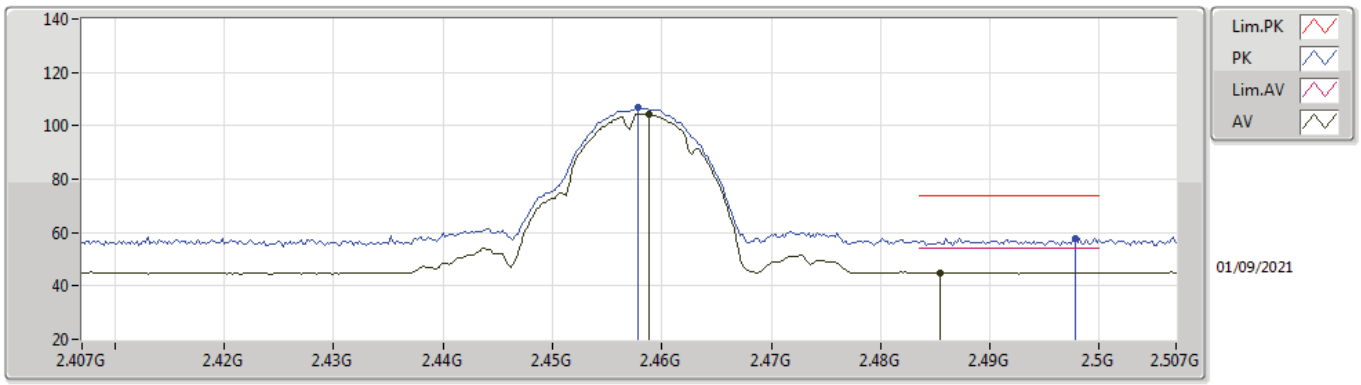
2457MHz_TX



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	2.4552G	114.02	Inf	-Inf	32.10	3	Vertical	54	3.00	-	81.92	27.50	4.60	-
AV	2.4836G	52.36	54.00	-1.64	32.11	3	Vertical	54	3.00	-	20.25	27.50	4.61	-
PK	2.4542G	116.63	Inf	-Inf	32.10	3	Vertical	54	3.00	-	84.53	27.50	4.60	-
PK	2.4835G	62.67	74.00	-11.33	32.11	3	Vertical	54	3.00	-	30.56	27.50	4.61	-

802.11b_Nss1,(1Mbps)_4TX

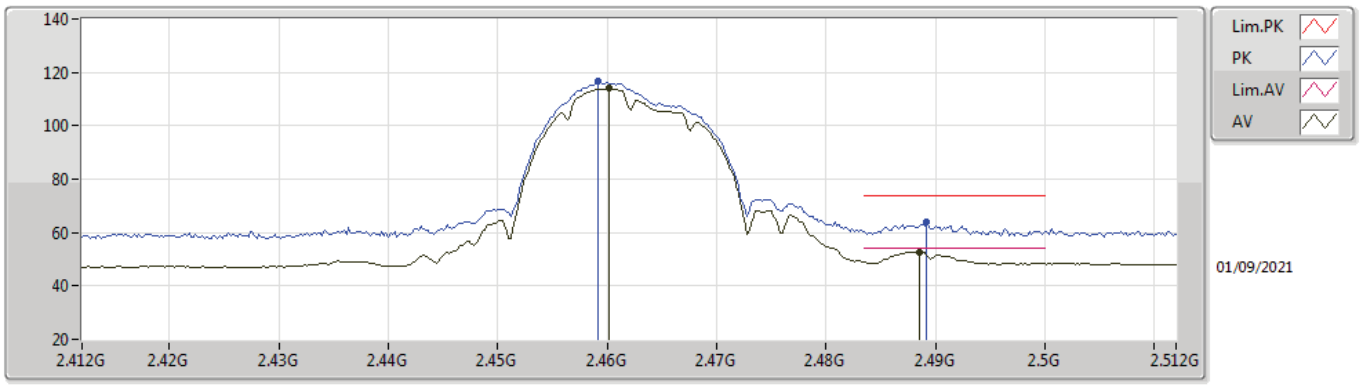
2457MHz_TX



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	2.4588G	104.54	Inf	-Inf	32.10	3	Horizontal	129	1.02	-	72.44	27.50	4.60	-
AV	2.4854G	45.03	54.00	-8.97	32.11	3	Horizontal	129	1.02	-	12.92	27.50	4.61	-
PK	2.4578G	106.87	Inf	-Inf	32.10	3	Horizontal	129	1.02	-	74.77	27.50	4.60	-
PK	2.4978G	57.83	74.00	-16.17	32.12	3	Horizontal	129	1.02	-	25.71	27.50	4.62	-

802.11b_Nss1,(1Mbps)_4TX

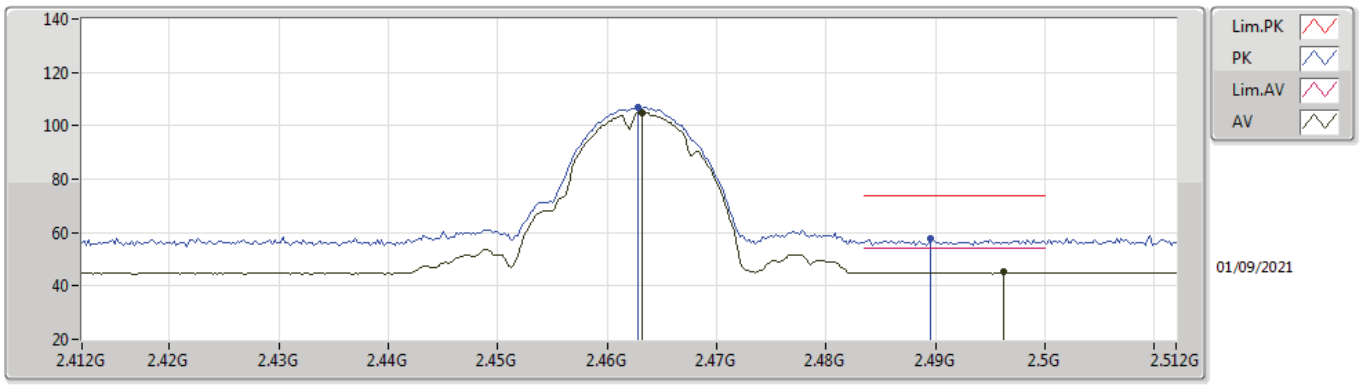
2462MHz_TX



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	2.4602G	114.01	Inf	-Inf	32.10	3	Vertical	54	3.00	-	81.91	27.50	4.60	-
AV	2.4886G	52.83	54.00	-1.17	32.12	3	Vertical	54	3.00	-	20.71	27.50	4.62	-
PK	2.4592G	116.55	Inf	-Inf	32.10	3	Vertical	54	3.00	-	84.45	27.50	4.60	-
PK	2.4892G	63.89	74.00	-10.11	32.12	3	Vertical	54	3.00	-	31.77	27.50	4.62	-

802.11b_Nss1,(1Mbps)_4TX

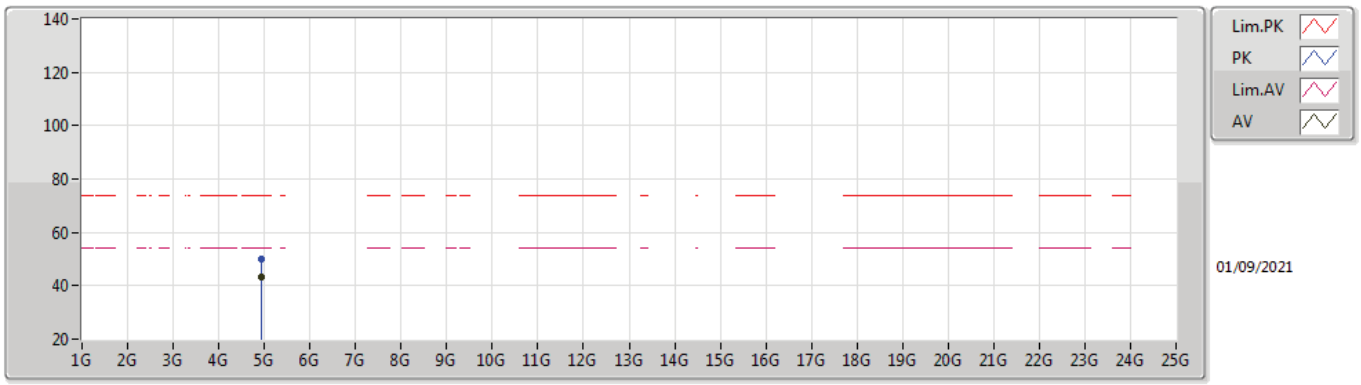
2462MHz_TX



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	2.4632G	104.73	Inf	-Inf	32.11	3	Horizontal	128	1.00	-	72.62	27.50	4.61	-
AV	2.4962G	45.10	54.00	-8.90	32.12	3	Horizontal	128	1.00	-	12.98	27.50	4.62	-
PK	2.4628G	107.13	Inf	-Inf	32.11	3	Horizontal	128	1.00	-	75.02	27.50	4.61	-
PK	2.4896G	57.66	74.00	-16.34	32.12	3	Horizontal	128	1.00	-	25.54	27.50	4.62	-

802.11b_Nss1,(1Mbps)_4TX

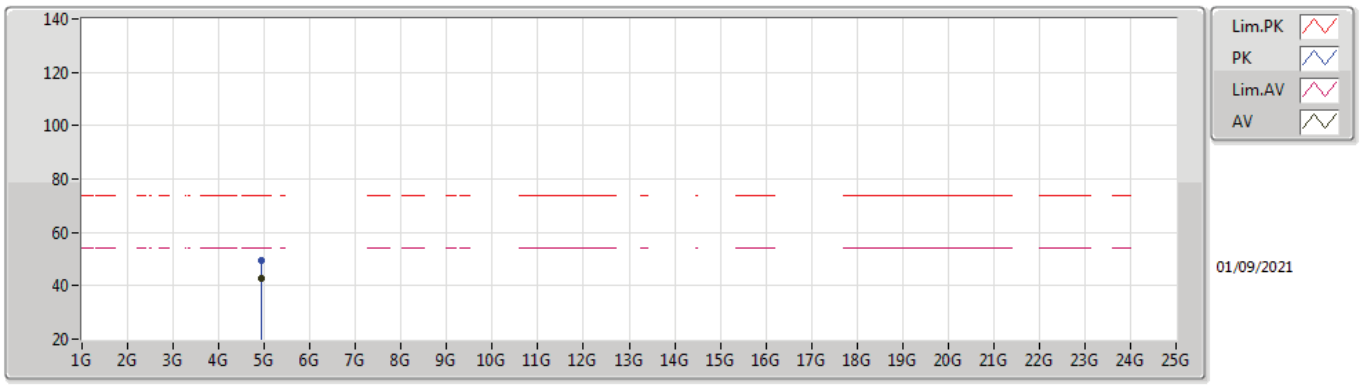
2462MHz_TX



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	4.92402G	43.36	54.00	-10.64	3.17	3	Vertical	193	1.86	-	40.19	31.20	6.75	34.78
PK	4.92391G	49.88	74.00	-24.12	3.17	3	Vertical	193	1.86	-	46.71	31.20	6.75	34.78

802.11b_Nss1,(1Mbps)_4TX

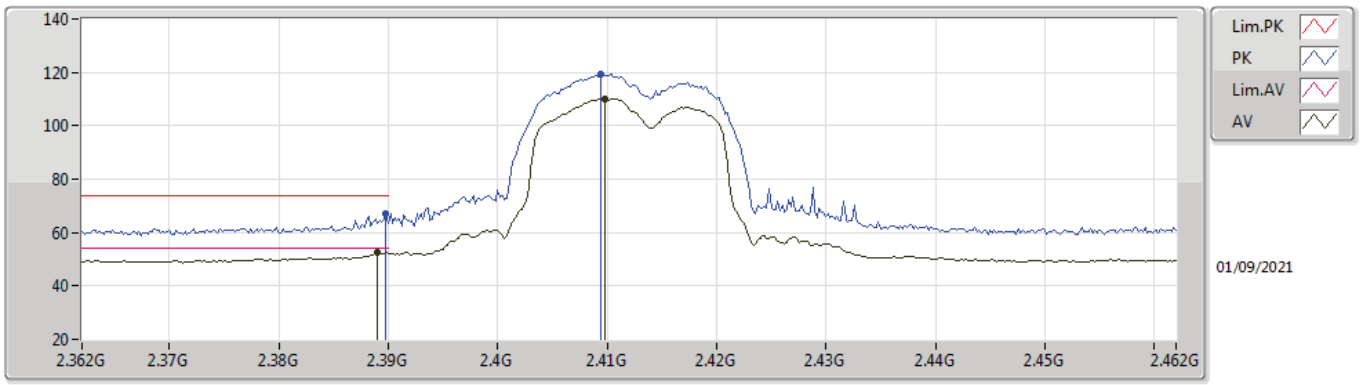
2462MHz_TX



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	4.92401G	42.66	54.00	-11.34	3.17	3	Horizontal	311	1.70	-	39.49	31.20	6.75	34.78
PK	4.92392G	49.38	74.00	-24.62	3.17	3	Horizontal	311	1.70	-	46.21	31.20	6.75	34.78

802.11g_Nss1,(6Mbps)_4TX

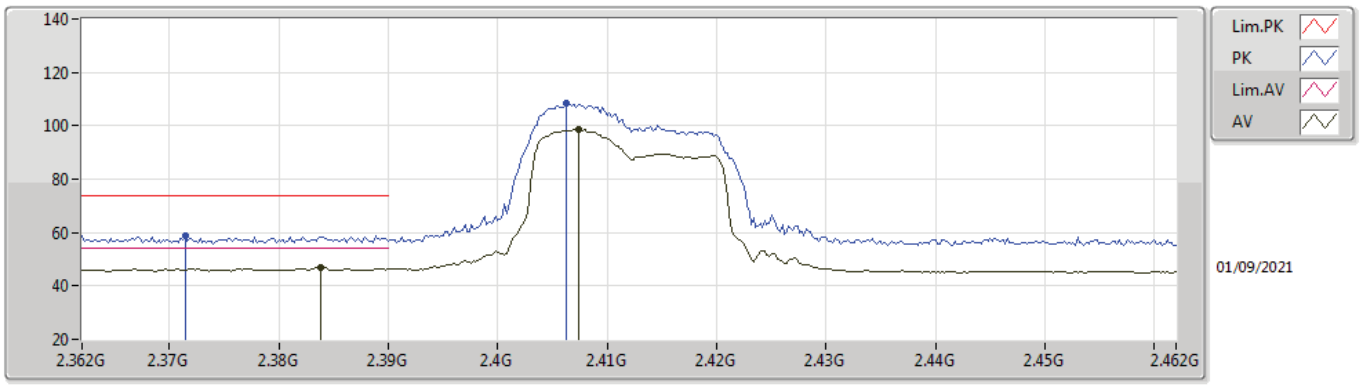
2412MHz_TX



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	2.389G	52.74	54.00	-1.26	32.21	3	Vertical	206	2.15	-	20.53	27.64	4.57	-
AV	2.4098G	110.20	Inf	-Inf	32.16	3	Vertical	206	2.15	-	78.04	27.58	4.58	-
PK	2.3898G	67.15	74.00	-6.85	32.21	3	Vertical	206	2.15	-	34.94	27.64	4.57	-
PK	2.4094G	119.32	Inf	-Inf	32.16	3	Vertical	206	2.15	-	87.16	27.58	4.58	-

802.11g_Nss1,(6Mbps)_4TX

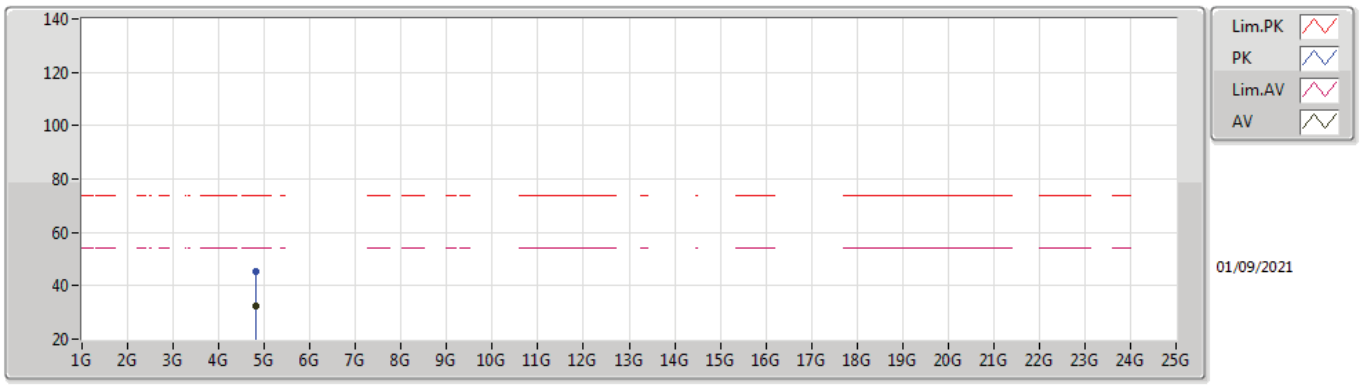
2412MHz_TX



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	2.3838G	47.10	54.00	-6.90	32.22	3	Horizontal	165	1.43	-	14.88	27.66	4.56	-
AV	2.4074G	98.57	Inf	-Inf	32.17	3	Horizontal	165	1.43	-	66.40	27.59	4.58	-
PK	2.3714G	59.02	74.00	-14.98	32.26	3	Horizontal	165	1.43	-	26.76	27.71	4.55	-
PK	2.4062G	108.49	Inf	-Inf	32.17	3	Horizontal	165	1.43	-	76.32	27.59	4.58	-

802.11g_Nss1,(6Mbps)_4TX

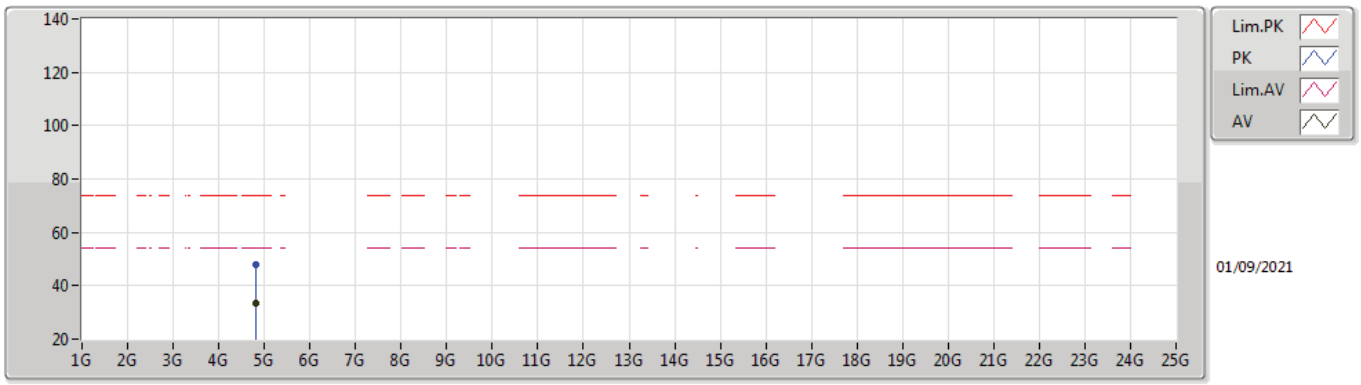
2412MHz_TX



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	4.82292G	32.67	54.00	-21.33	2.97	3	Vertical	313	1.50	-	29.70	31.10	6.68	34.81
PK	4.82296G	45.60	74.00	-28.40	2.97	3	Vertical	313	1.50	-	42.63	31.10	6.68	34.81

802.11g_Nss1,(6Mbps)_4TX

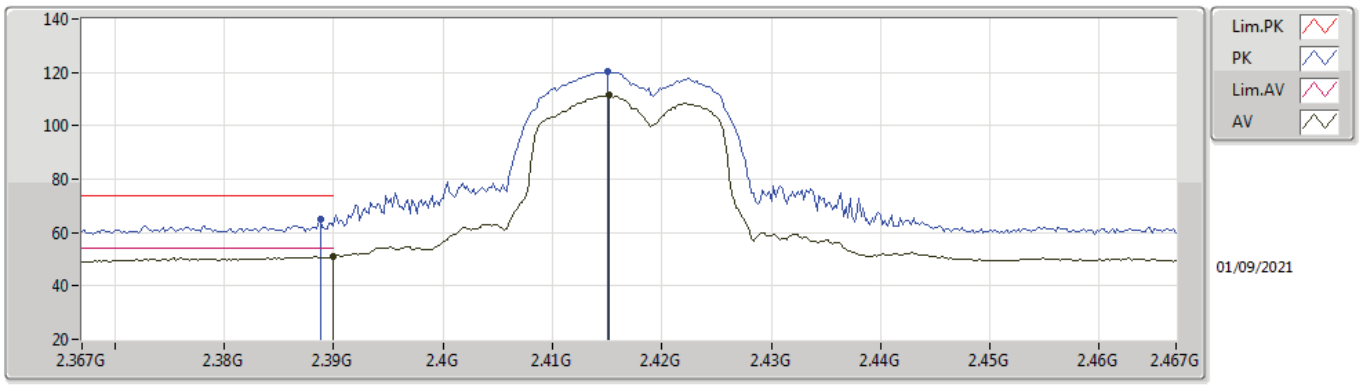
2412MHz_TX



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	4.82294G	33.58	54.00	-20.42	2.97	3	Horizontal	222	1.42	-	30.61	31.10	6.68	34.81
PK	4.82244G	47.91	74.00	-26.09	2.97	3	Horizontal	222	1.42	-	44.94	31.10	6.68	34.81

802.11g_Nss1,(6Mbps)_4TX

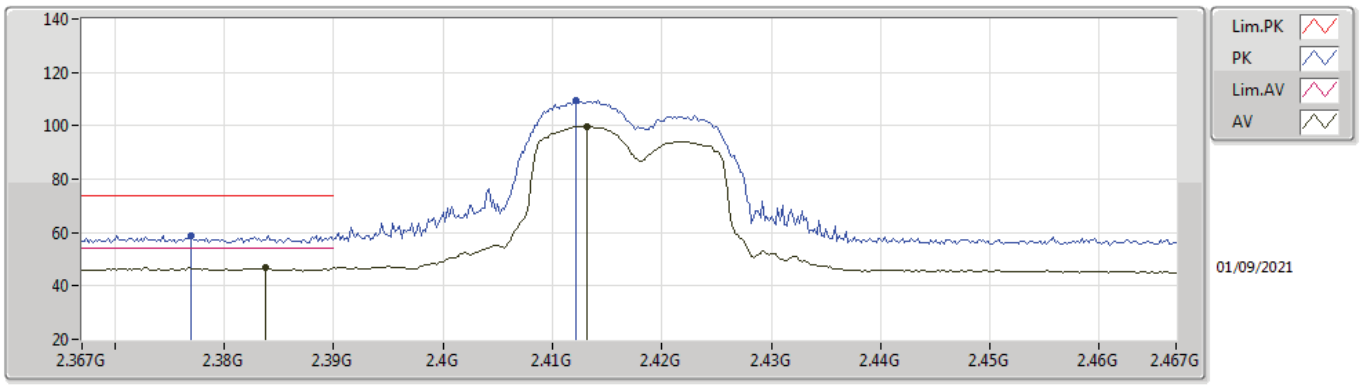
2417MHz_TX



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	50.92	54.00	-3.08	32.21	3	Vertical	205	2.16	-	18.71	27.64	4.57	-
AV	2.4152G	111.50	Inf	-Inf	32.16	3	Vertical	205	2.16	-	79.34	27.57	4.59	-
PK	2.3888G	64.81	74.00	-9.19	32.21	3	Vertical	205	2.16	-	32.60	27.64	4.57	-
PK	2.415G	120.24	Inf	-Inf	32.16	3	Vertical	205	2.16	-	88.08	27.57	4.59	-

802.11g_Nss1,(6Mbps)_4TX

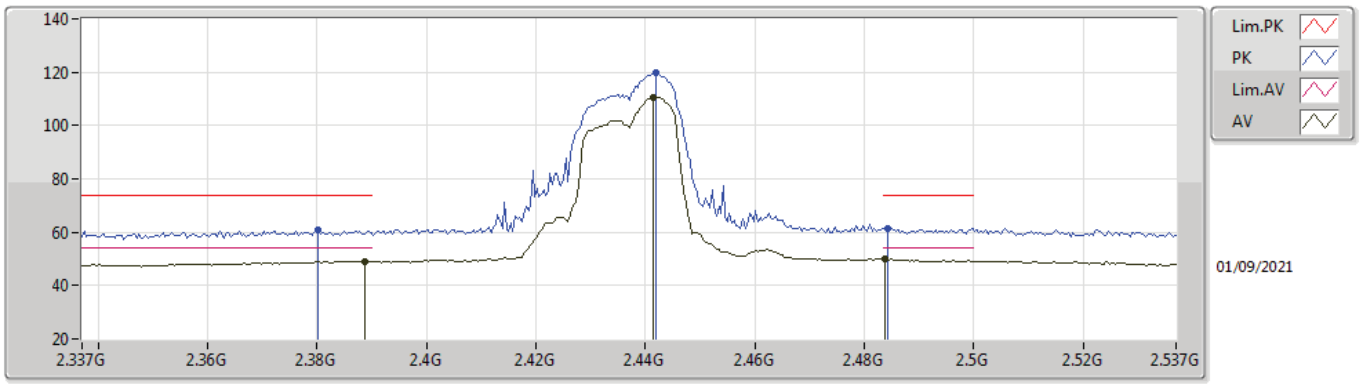
2417MHz_TX



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	2.3838G	47.03	54.00	-6.97	32.22	3	Horizontal	162	1.78	-	14.81	27.66	4.56	-
AV	2.4132G	99.90	Inf	-Inf	32.16	3	Horizontal	162	1.78	-	67.74	27.57	4.59	-
PK	2.377G	58.84	74.00	-15.16	32.25	3	Horizontal	162	1.78	-	26.59	27.69	4.56	-
PK	2.4122G	109.70	Inf	-Inf	32.16	3	Horizontal	162	1.78	-	77.54	27.58	4.58	-

802.11g_Nss1,(6Mbps)_4TX

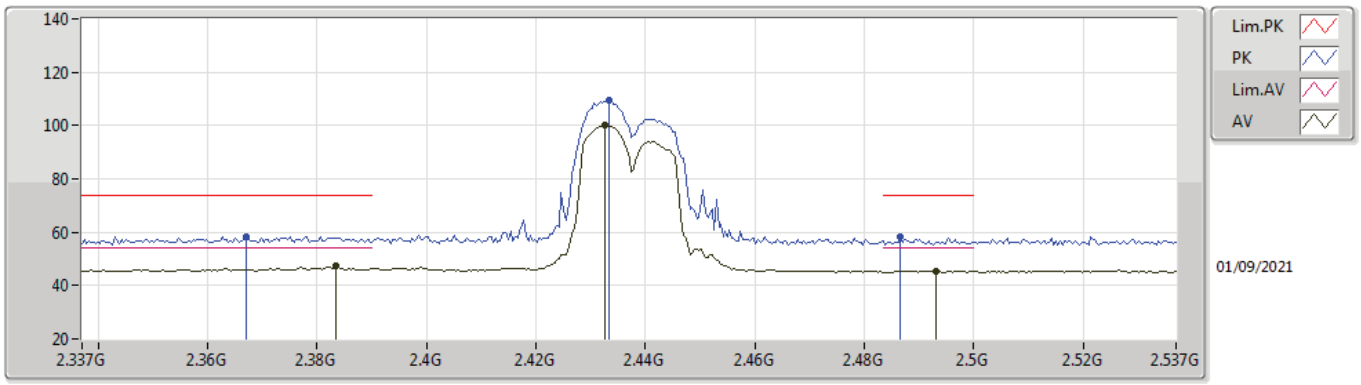
2437MHz_TX



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	49.05	54.00	-4.95	32.22	3	Vertical	61	1.74	-	16.83	27.65	4.57	-
AV	2.4414G	110.56	Inf	-Inf	32.12	3	Vertical	61	1.74	-	78.44	27.52	4.60	-
AV	2.4838G	50.09	54.00	-3.91	32.11	3	Vertical	61	1.74	-	17.98	27.50	4.61	-
PK	2.3802G	60.74	74.00	-13.26	32.24	3	Vertical	61	1.74	-	28.50	27.68	4.56	-
PK	2.4418G	119.71	Inf	-Inf	32.12	3	Vertical	61	1.74	-	87.59	27.52	4.60	-
PK	2.4842G	61.55	74.00	-12.45	32.11	3	Vertical	61	1.74	-	29.44	27.50	4.61	-

802.11g_Nss1,(6Mbps)_4TX

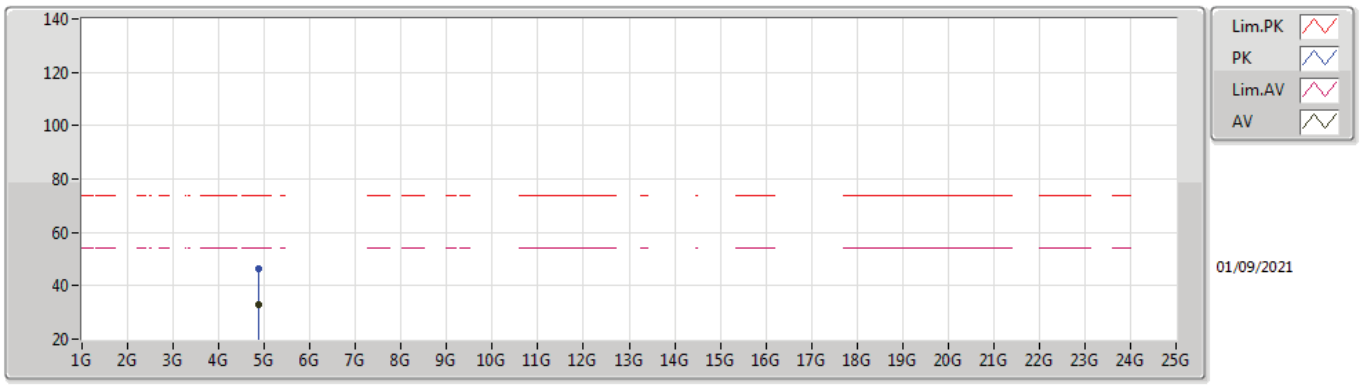
2437MHz_TX



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	47.29	54.00	-6.71	32.23	3	Horizontal	164	1.50	-	15.06	27.67	4.56	-
AV	2.4326G	100.01	Inf	-Inf	32.12	3	Horizontal	164	1.50	-	67.89	27.53	4.59	-
AV	2.493G	45.54	54.00	-8.46	32.12	3	Horizontal	164	1.50	-	13.42	27.50	4.62	-
PK	2.367G	58.26	74.00	-15.74	32.28	3	Horizontal	164	1.50	-	25.98	27.73	4.55	-
PK	2.4334G	109.50	Inf	-Inf	32.12	3	Horizontal	164	1.50	-	77.38	27.53	4.59	-
PK	2.4866G	58.44	74.00	-15.56	32.11	3	Horizontal	164	1.50	-	26.33	27.50	4.61	-

802.11g_Nss1,(6Mbps)_4TX

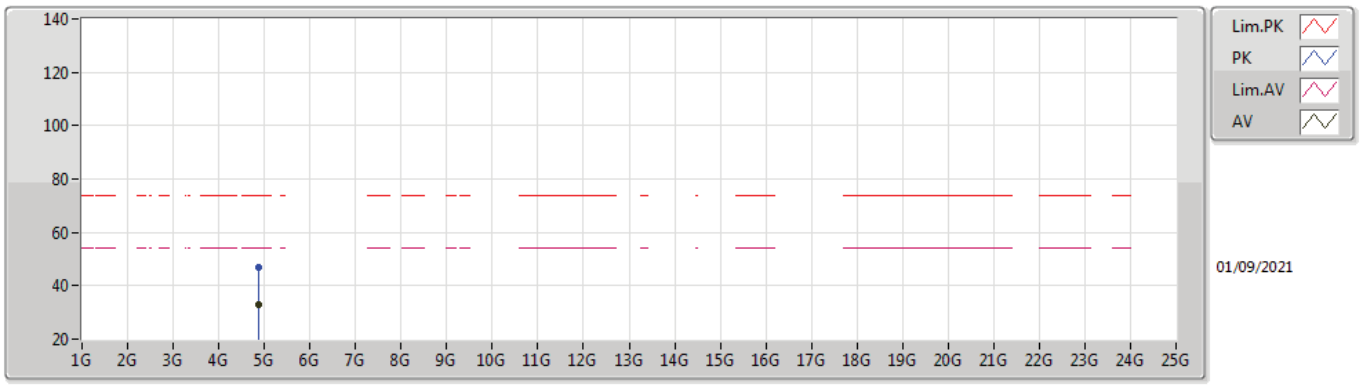
2437MHz_TX



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	4.87481G	33.17	54.00	-20.83	3.03	3	Vertical	189	2.64	-	30.14	31.10	6.72	34.79
PK	4.87522G	46.21	74.00	-27.79	3.03	3	Vertical	189	2.64	-	43.18	31.10	6.72	34.79

802.11g_Nss1,(6Mbps)_4TX

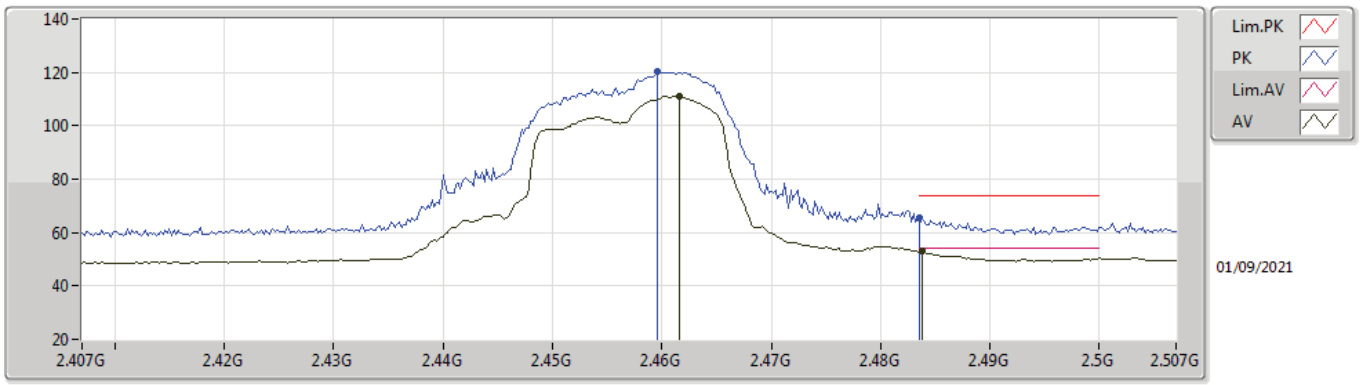
2437MHz_TX



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	4.87549G	33.02	54.00	-20.98	3.03	3	Horizontal	320	1.84	-	29.99	31.10	6.72	34.79
PK	4.87527G	46.79	74.00	-27.21	3.03	3	Horizontal	320	1.84	-	43.76	31.10	6.72	34.79

802.11g_Nss1,(6Mbps)_4TX

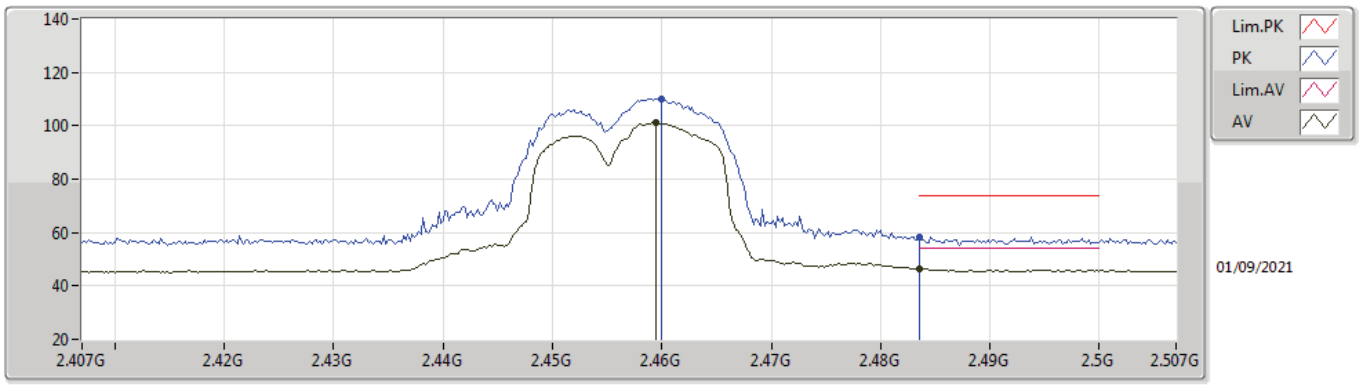
2457MHz_TX



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	2.4616G	110.90	Inf	-Inf	32.10	3	Vertical	52	1.48	-	78.80	27.50	4.60	-
AV	2.4838G	52.97	54.00	-1.03	32.11	3	Vertical	52	1.48	-	20.86	27.50	4.61	-
PK	2.4596G	120.09	Inf	-Inf	32.10	3	Vertical	52	1.48	-	87.99	27.50	4.60	-
PK	2.4835G	65.67	74.00	-8.33	32.11	3	Vertical	52	1.48	-	33.56	27.50	4.61	-

802.11g_Nss1,(6Mbps)_4TX

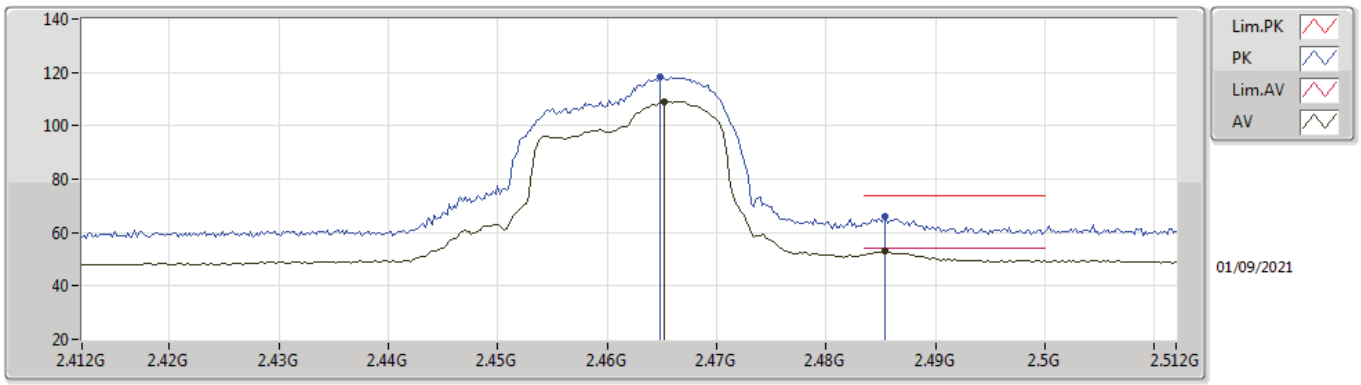
2457MHz_TX



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	2.4594G	101.10	Inf	-Inf	32.10	3	Horizontal	57	1.00	-	69.00	27.50	4.60	-
AV	2.4835G	46.57	54.00	-7.43	32.11	3	Horizontal	57	1.00	-	14.46	27.50	4.61	-
PK	2.46G	110.14	Inf	-Inf	32.10	3	Horizontal	57	1.00	-	78.04	27.50	4.60	-
PK	2.4836G	58.27	74.00	-15.73	32.11	3	Horizontal	57	1.00	-	26.16	27.50	4.61	-

802.11g_Nss1,(6Mbps)_4TX

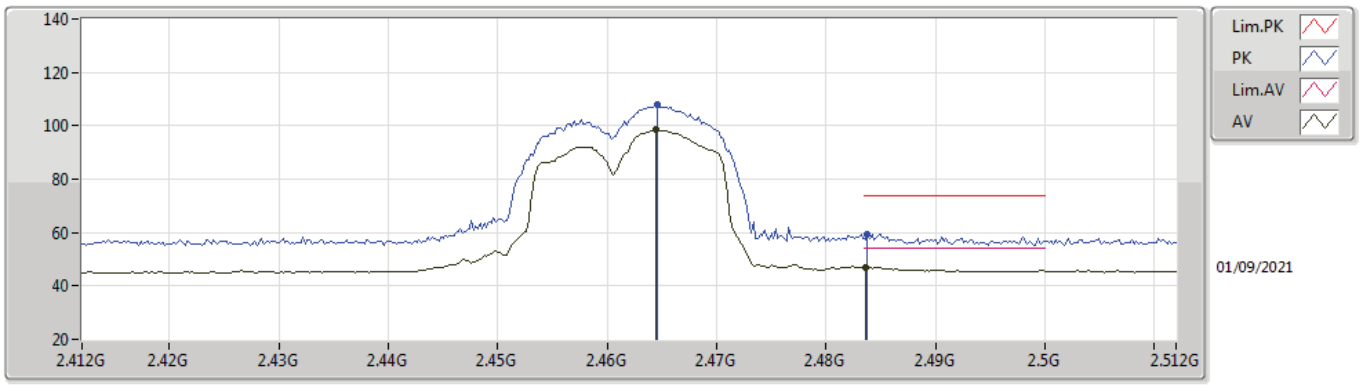
2462MHz_TX



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	2.4652G	109.10	Inf	-Inf	32.11	3	Vertical	54	1.50	-	76.99	27.50	4.61	-
AV	2.4854G	52.92	54.00	-1.08	32.11	3	Vertical	54	1.50	-	20.81	27.50	4.61	-
PK	2.4648G	118.27	Inf	-Inf	32.11	3	Vertical	54	1.50	-	86.16	27.50	4.61	-
PK	2.4854G	65.84	74.00	-8.16	32.11	3	Vertical	54	1.50	-	33.73	27.50	4.61	-

802.11g_Nss1,(6Mbps)_4TX

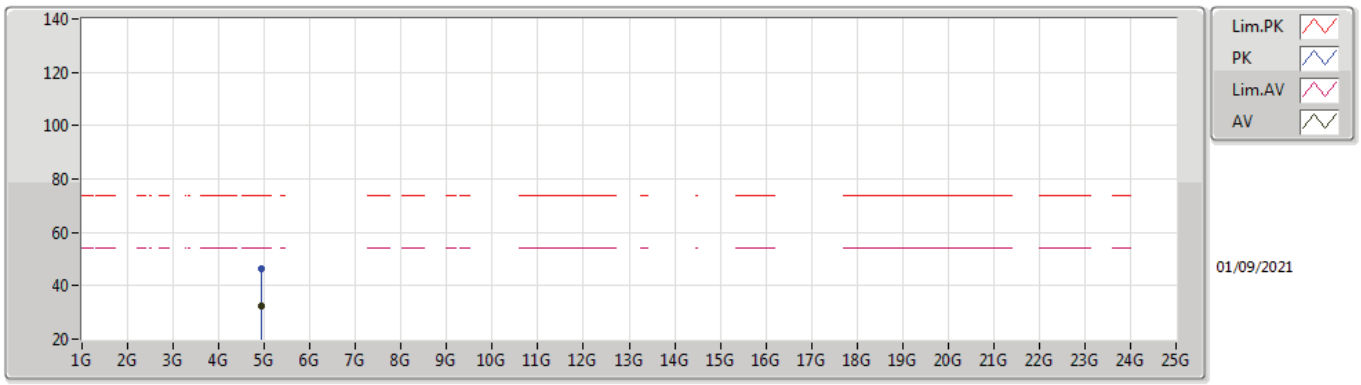
2462MHz_TX



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	2.4644G	98.42	Inf	-Inf	32.11	3	Horizontal	59	1.19	-	66.31	27.50	4.61	-
AV	2.4836G	46.94	54.00	-7.06	32.11	3	Horizontal	59	1.19	-	14.83	27.50	4.61	-
PK	2.4646G	107.85	Inf	-Inf	32.11	3	Horizontal	59	1.19	-	75.74	27.50	4.61	-
PK	2.4838G	59.54	74.00	-14.46	32.11	3	Horizontal	59	1.19	-	27.43	27.50	4.61	-

802.11g_Nss1,(6Mbps)_4TX

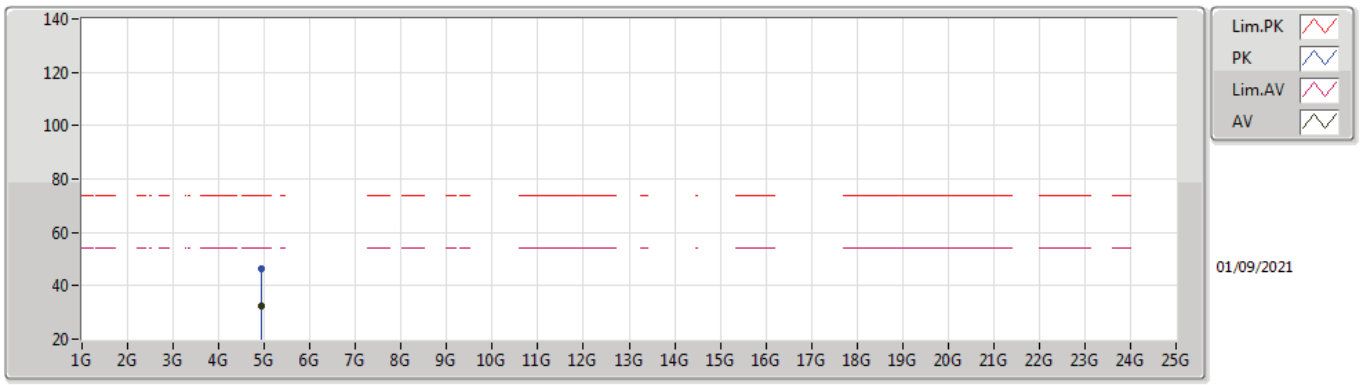
2462MHz_TX



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	4.9234G	32.64	54.00	-21.36	3.16	3	Vertical	188	2.09	-	29.48	31.19	6.75	34.78
PK	4.92449G	46.29	74.00	-27.71	3.17	3	Vertical	188	2.09	-	43.12	31.20	6.75	34.78

802.11g_Nss1,(6Mbps)_4TX

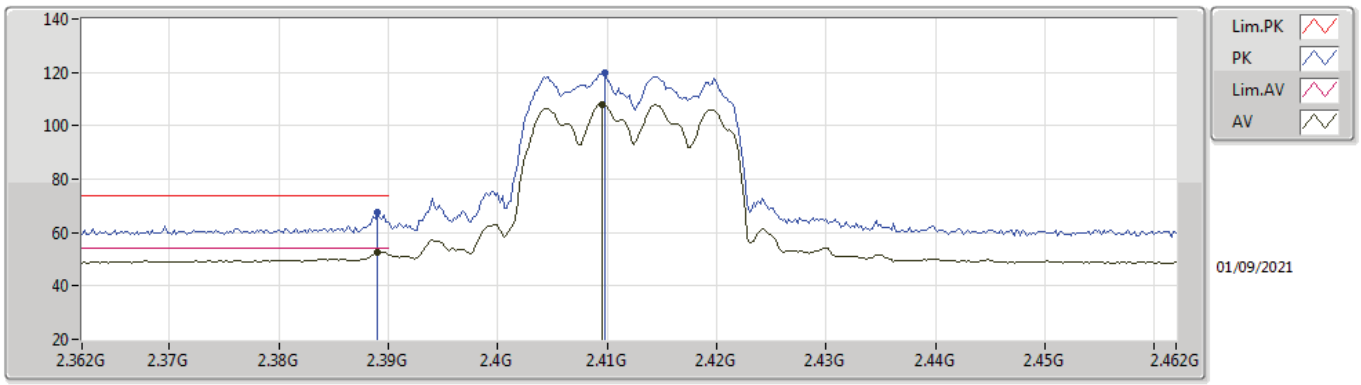
2462MHz_TX



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	4.92333G	32.66	54.00	-21.34	3.16	3	Horizontal	64	2.87	-	29.50	31.19	6.75	34.78
PK	4.92168G	46.13	74.00	-27.87	3.16	3	Horizontal	64	2.87	-	42.97	31.19	6.75	34.78

802.11ax HEW20_Nss1,(MCS0)_4TX

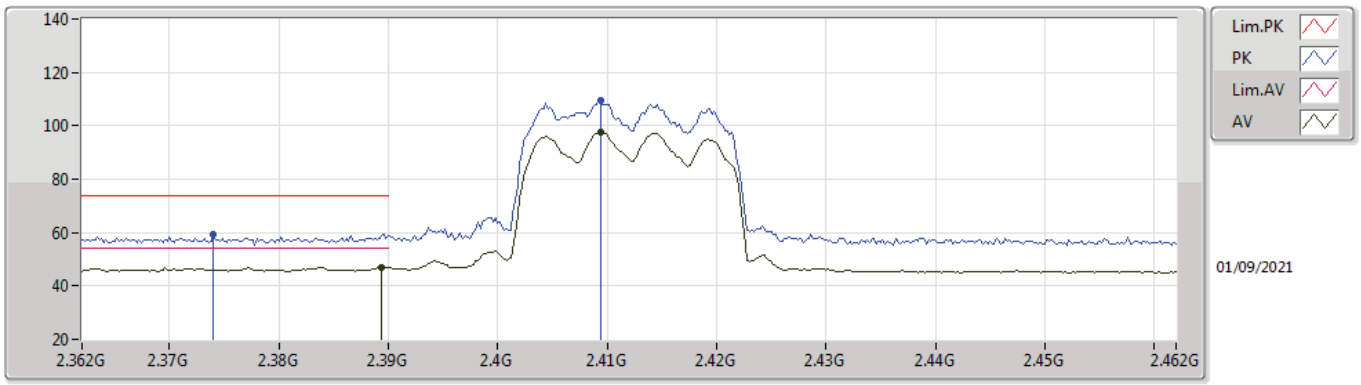
2412MHz_TX



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	2.389G	52.79	54.00	-1.21	32.21	3	Vertical	203	1.50	-	20.58	27.64	4.57	-
AV	2.4096G	108.08	Inf	-Inf	32.16	3	Vertical	203	1.50	-	75.92	27.58	4.58	-
PK	2.389G	67.80	74.00	-6.20	32.21	3	Vertical	203	1.50	-	35.59	27.64	4.57	-
PK	2.4098G	119.68	Inf	-Inf	32.16	3	Vertical	203	1.50	-	87.52	27.58	4.58	-

802.11ax HEW20_Nss1,(MCS0)_4TX

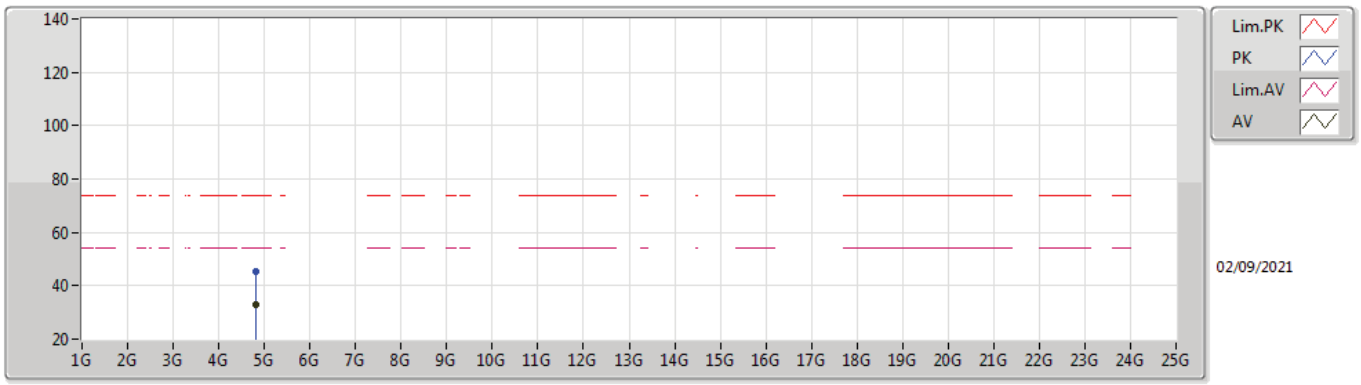
2412MHz_TX



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	46.94	54.00	-7.06	32.21	3	Horizontal	160	1.78	-	14.73	27.64	4.57	-
AV	2.4094G	97.76	Inf	-Inf	32.16	3	Horizontal	160	1.78	-	65.60	27.58	4.58	-
PK	2.374G	59.38	74.00	-14.62	32.26	3	Horizontal	160	1.78	-	27.12	27.70	4.56	-
PK	2.4094G	109.31	Inf	-Inf	32.16	3	Horizontal	160	1.78	-	77.15	27.58	4.58	-

802.11ax HEW20_Nss1,(MCS0)_4TX

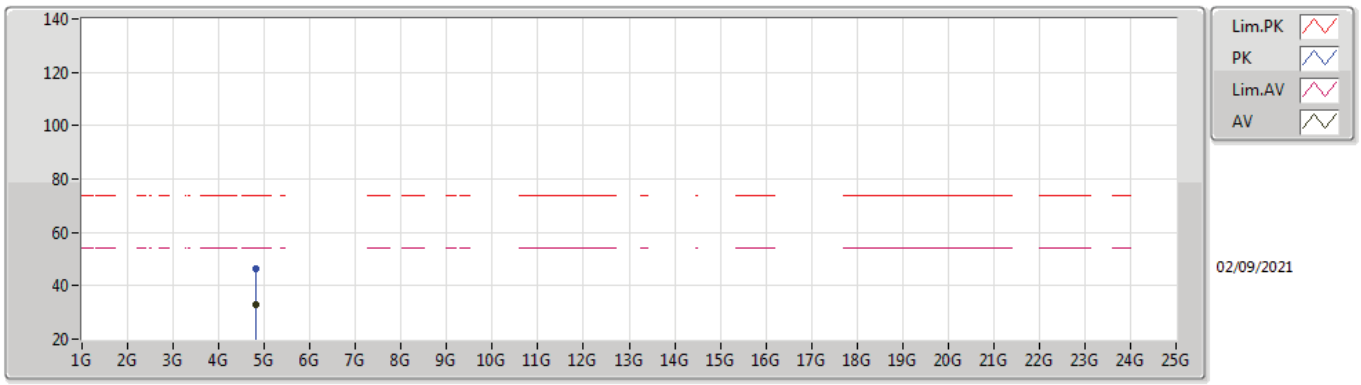
2412MHz_TX



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	4.8223G	32.68	54.00	-21.32	2.97	3	Vertical	244	1.50	-	29.71	31.10	6.68	34.81
PK	4.8237G	45.23	74.00	-28.77	2.97	3	Vertical	244	1.50	-	42.26	31.10	6.68	34.81

802.11ax HEW20_Nss1,(MCS0)_4TX

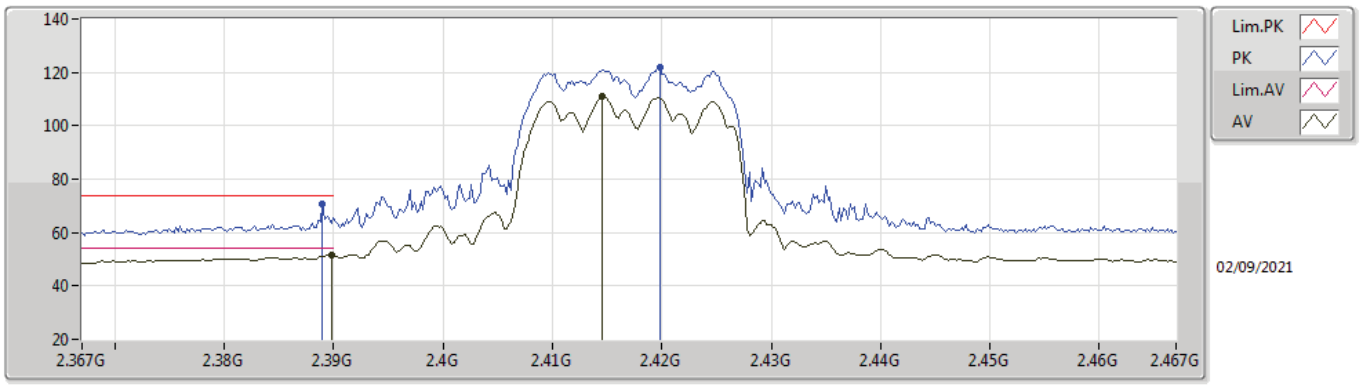
2412MHz_TX



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	4.82314G	33.17	54.00	-20.83	2.97	3	Horizontal	230	1.46	-	30.20	31.10	6.68	34.81
PK	4.82468G	46.33	74.00	-27.67	2.97	3	Horizontal	230	1.46	-	43.36	31.10	6.68	34.81

802.11ax HEW20_Nss1,(MCS0)_4TX

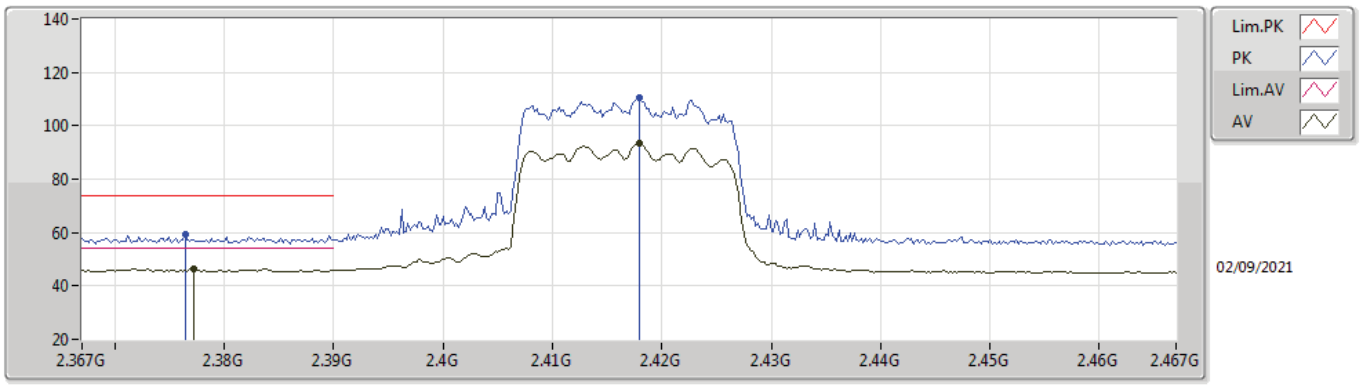
2417MHz_TX



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	2.3898G	51.68	54.00	-2.32	32.21	3	Vertical	204	2.03	-	19.47	27.64	4.57	-
AV	2.4146G	110.80	Inf	-Inf	32.16	3	Vertical	204	2.03	-	78.64	27.57	4.59	-
PK	2.389G	70.76	74.00	-3.24	32.21	3	Vertical	204	2.03	-	38.55	27.64	4.57	-
PK	2.4198G	122.05	Inf	-Inf	32.15	3	Vertical	204	2.03	-	89.90	27.56	4.59	-

802.11ax HEW20_Nss1,(MCS0)_4TX

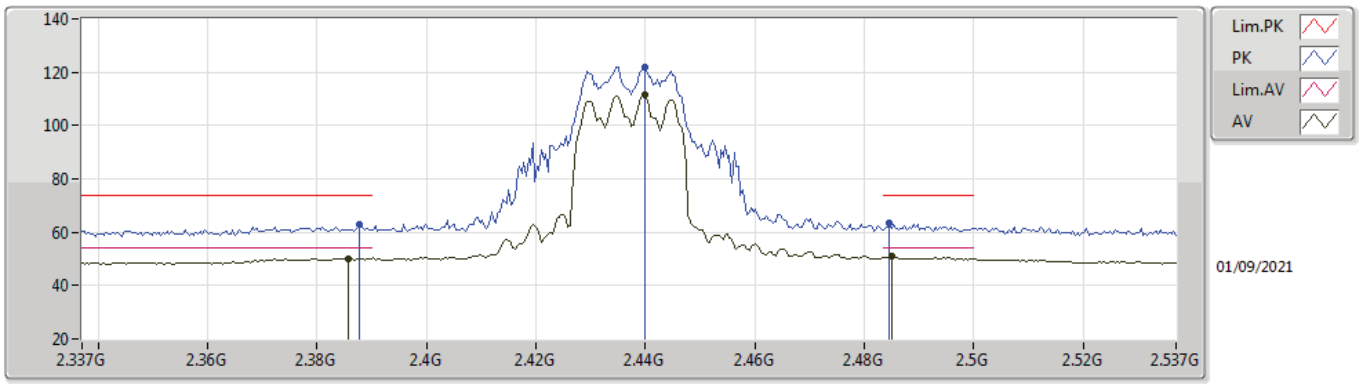
2417MHz_TX



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	2.3772G	46.33	54.00	-7.67	32.25	3	Horizontal	159	1.78	-	14.08	27.69	4.56	-
AV	2.418G	93.45	Inf	-Inf	32.15	3	Horizontal	159	1.78	-	61.30	27.56	4.59	-
PK	2.3764G	59.44	74.00	-14.56	32.25	3	Horizontal	159	1.78	-	27.19	27.69	4.56	-
PK	2.418G	110.54	Inf	-Inf	32.15	3	Horizontal	159	1.78	-	78.39	27.56	4.59	-

802.11ax HEW20_Nss1,(MCS0)_4TX

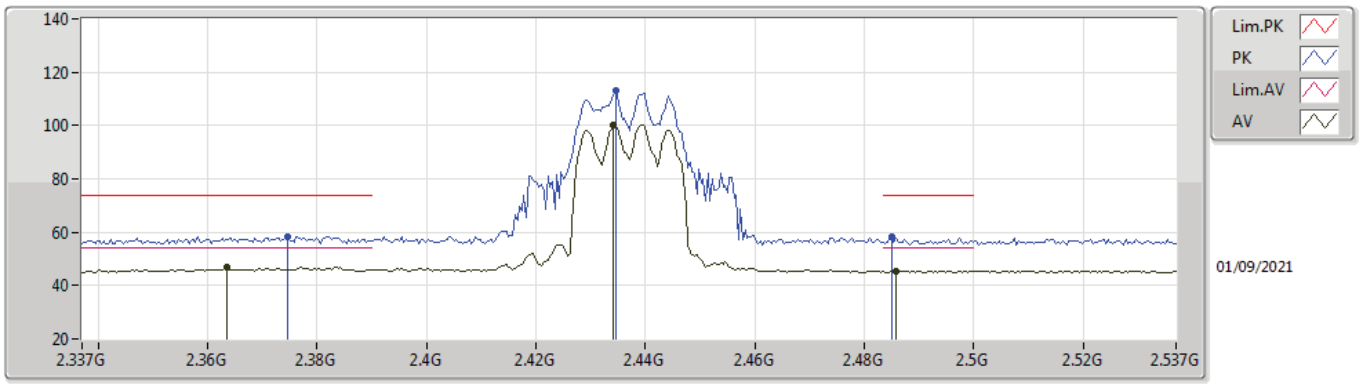
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3858G	50.11	54.00	-3.89	32.23	3	Vertical	200	1.88	-	17.88	27.66	4.57	-
AV	2.4398G	111.50	Inf	-Inf	32.12	3	Vertical	200	1.88	-	79.38	27.52	4.60	-
AV	2.485G	50.83	54.00	-3.17	32.11	3	Vertical	200	1.88	-	18.72	27.50	4.61	-
PK	2.3878G	63.18	74.00	-10.82	32.22	3	Vertical	200	1.88	-	30.96	27.65	4.57	-
PK	2.4398G	121.92	Inf	-Inf	32.12	3	Vertical	200	1.88	-	89.80	27.52	4.60	-
PK	2.4846G	63.41	74.00	-10.59	32.11	3	Vertical	200	1.88	-	31.30	27.50	4.61	-

802.11ax HEW20_Nss1,(MCS0)_4TX

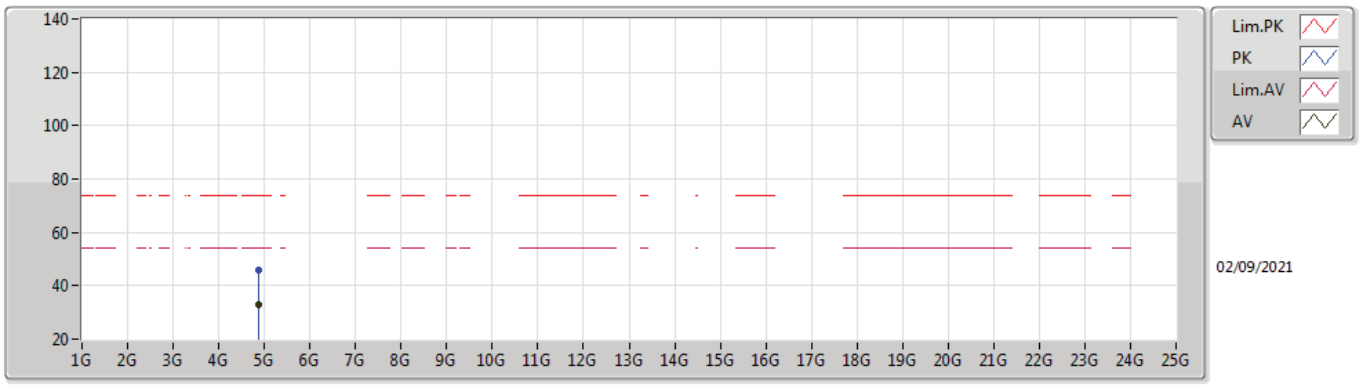
2437MHz_TX



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	2.3634G	46.83	54.00	-7.17	32.30	3	Horizontal	162	1.56	-	14.53	27.75	4.55	-
AV	2.4342G	100.04	Inf	-Inf	32.12	3	Horizontal	162	1.56	-	67.92	27.53	4.59	-
AV	2.4858G	45.49	54.00	-8.51	32.11	3	Horizontal	162	1.56	-	13.38	27.50	4.61	-
PK	2.3746G	58.46	74.00	-15.54	32.26	3	Horizontal	162	1.56	-	26.20	27.70	4.56	-
PK	2.4346G	112.87	Inf	-Inf	32.12	3	Horizontal	162	1.56	-	80.75	27.53	4.59	-
PK	2.485G	58.34	74.00	-15.66	32.11	3	Horizontal	162	1.56	-	26.23	27.50	4.61	-

802.11ax HEW20_Nss1,(MCS0)_4TX

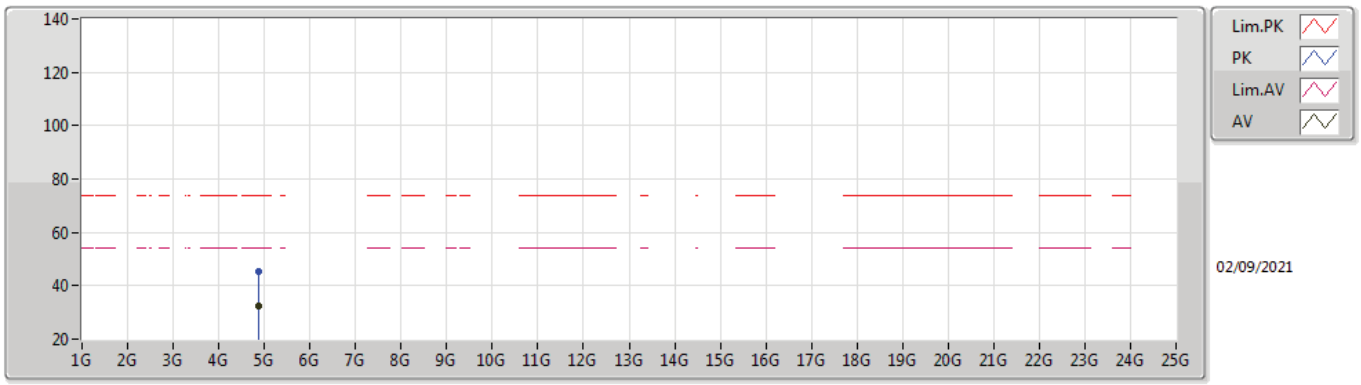
2437MHz_TX



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	4.87246G	32.86	54.00	-21.14	3.02	3	Vertical	5	1.22	-	29.84	31.10	6.71	34.79
PK	4.87634G	46.03	74.00	-27.97	3.03	3	Vertical	5	1.22	-	43.00	31.10	6.72	34.79

802.11ax HEW20_Nss1,(MCS0)_4TX

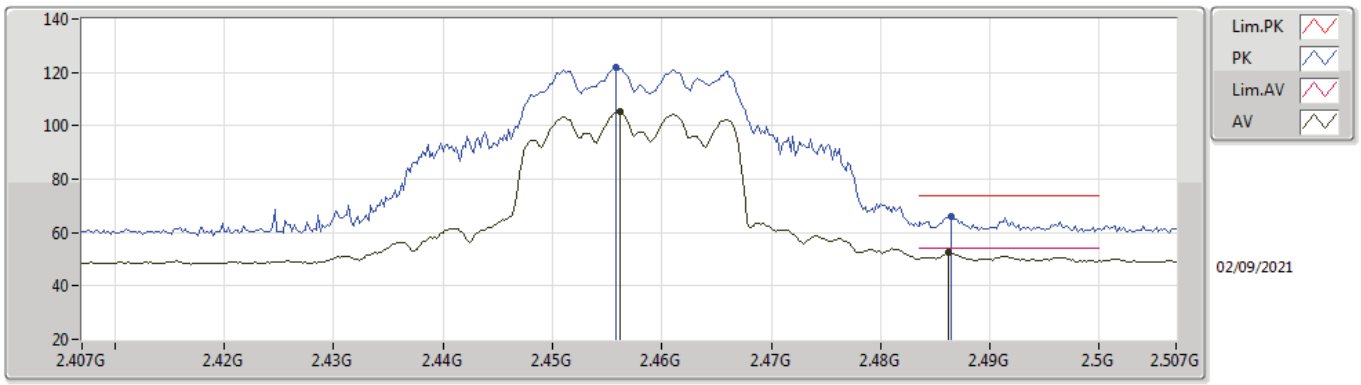
2437MHz_TX



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	4.87422G	32.64	54.00	-21.36	3.03	3	Horizontal	325	1.47	-	29.61	31.10	6.72	34.79
PK	4.87381G	45.09	74.00	-28.91	3.03	3	Horizontal	325	1.47	-	42.06	31.10	6.72	34.79

802.11ax HEW20_Nss1,(MCS0)_4TX

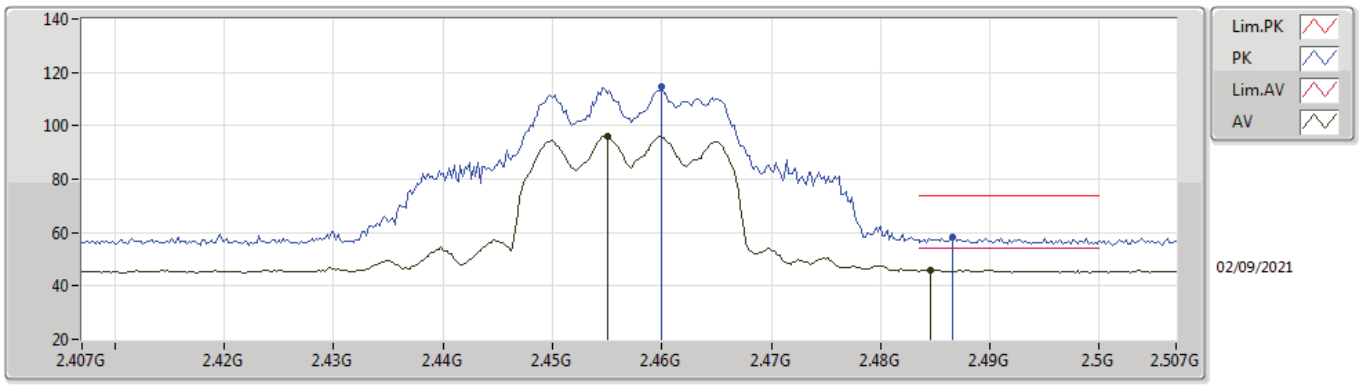
2457MHz_TX



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	105.15	Inf	-Inf	32.10	3	Vertical	56	1.11	-	73.05	27.50	4.60	-
AV	2.4862G	52.41	54.00	-1.59	32.11	3	Vertical	56	1.11	-	20.30	27.50	4.61	-
PK	2.4558G	121.74	Inf	-Inf	32.10	3	Vertical	56	1.11	-	89.64	27.50	4.60	-
PK	2.4864G	66.23	74.00	-7.77	32.11	3	Vertical	56	1.11	-	34.12	27.50	4.61	-

802.11ax HEW20_Nss1,(MCS0)_4TX

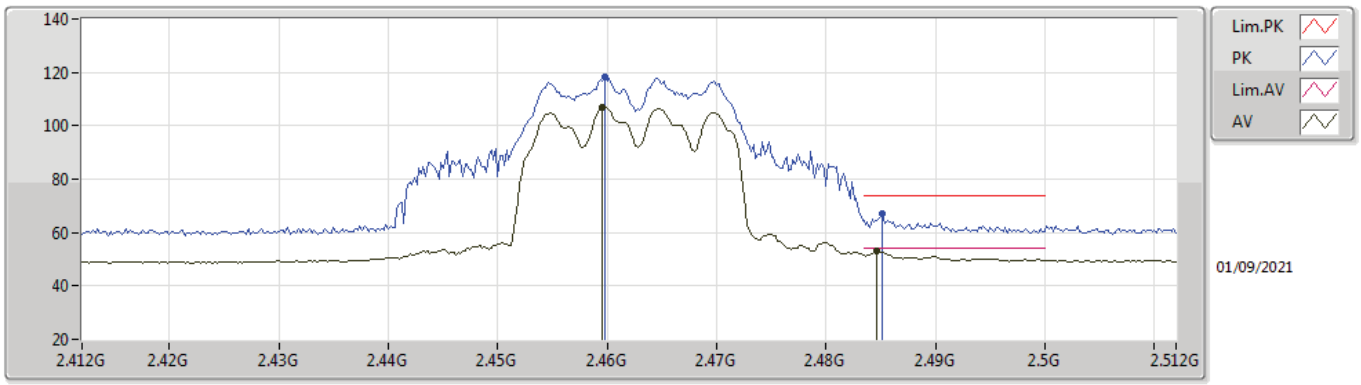
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.455G	96.12	Inf	-Inf	32.10	3	Horizontal	55	2.52	-	64.02	27.50	4.60	-
AV	2.4846G	46.07	54.00	-7.93	32.11	3	Horizontal	55	2.52	-	13.96	27.50	4.61	-
PK	2.46G	114.87	Inf	-Inf	32.10	3	Horizontal	55	2.52	-	82.77	27.50	4.60	-
PK	2.4866G	58.21	74.00	-15.79	32.11	3	Horizontal	55	2.52	-	26.10	27.50	4.61	-

802.11ax HEW20_Nss1,(MCS0)_4TX

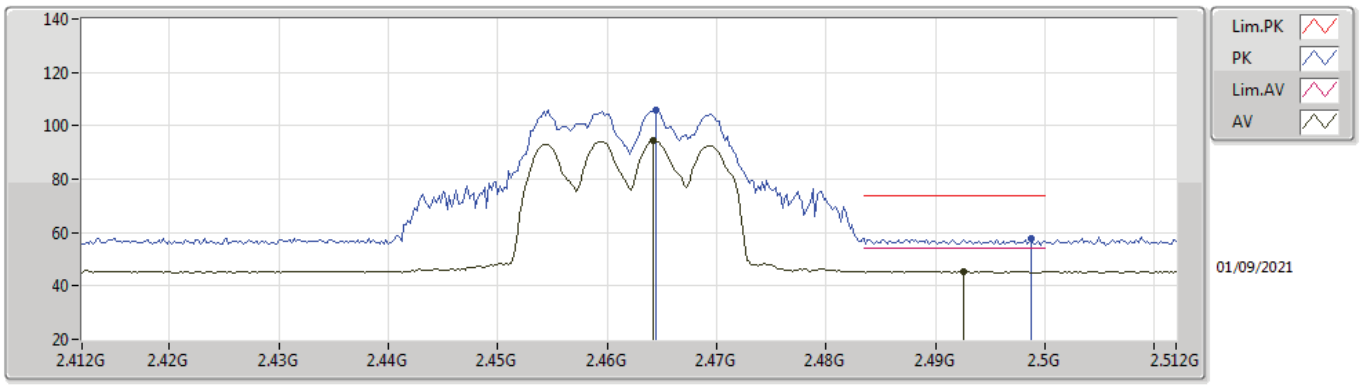
2462MHz_TX



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	2.4596G	106.76	Inf	-Inf	32.10	3	Vertical	204	1.74	-	74.66	27.50	4.60	-
AV	2.4846G	52.94	54.00	-1.06	32.11	3	Vertical	204	1.74	-	20.83	27.50	4.61	-
PK	2.4598G	118.10	Inf	-Inf	32.10	3	Vertical	204	1.74	-	86.00	27.50	4.60	-
PK	2.4852G	67.27	74.00	-6.73	32.11	3	Vertical	204	1.74	-	35.16	27.50	4.61	-

802.11ax HEW20_Nss1,(MCS0)_4TX

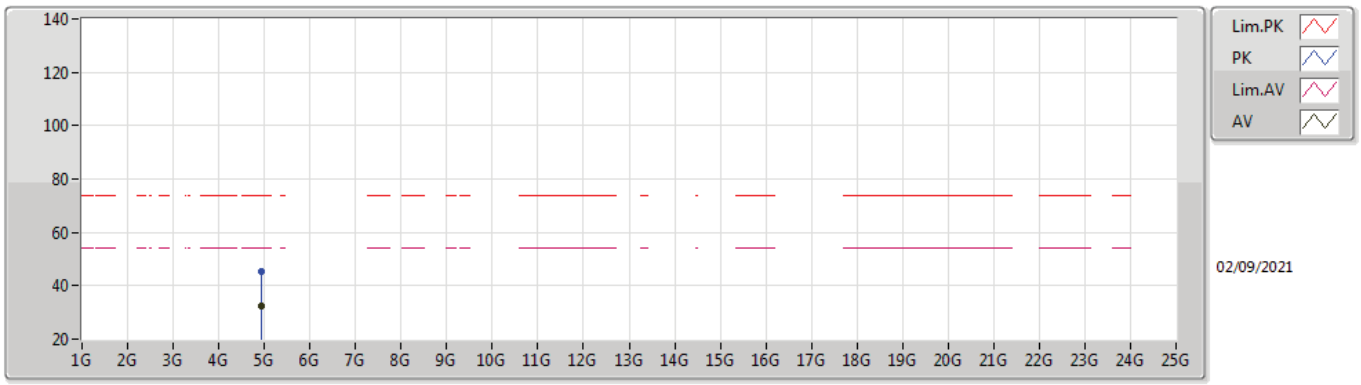
2462MHz_TX



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	2.4642G	94.58	Inf	-Inf	32.11	3	Horizontal	161	1.70	-	62.47	27.50	4.61	-
AV	2.4926G	45.57	54.00	-8.43	32.12	3	Horizontal	161	1.70	-	13.45	27.50	4.62	-
PK	2.4644G	105.80	Inf	-Inf	32.11	3	Horizontal	161	1.70	-	73.69	27.50	4.61	-
PK	2.4988G	57.85	74.00	-16.15	32.12	3	Horizontal	161	1.70	-	25.73	27.50	4.62	-

802.11ax HEW20_Nss1,(MCS0)_4TX

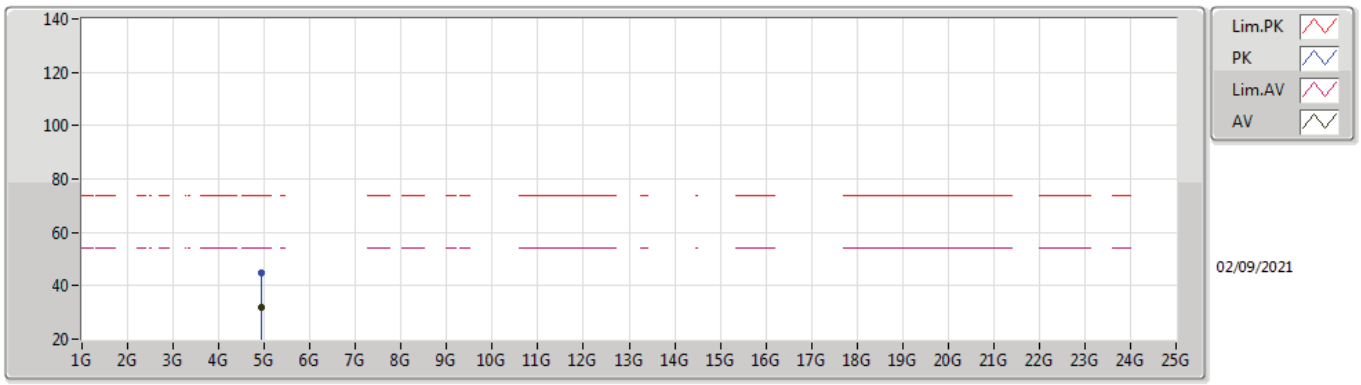
2462MHz_TX



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	4.92192G	32.21	54.00	-21.79	3.16	3	Vertical	8	2.00	-	29.05	31.19	6.75	34.78
PK	4.92486G	45.24	74.00	-28.76	3.17	3	Vertical	8	2.00	-	42.07	31.20	6.75	34.78

802.11ax HEW20_Nss1,(MCS0)_4TX

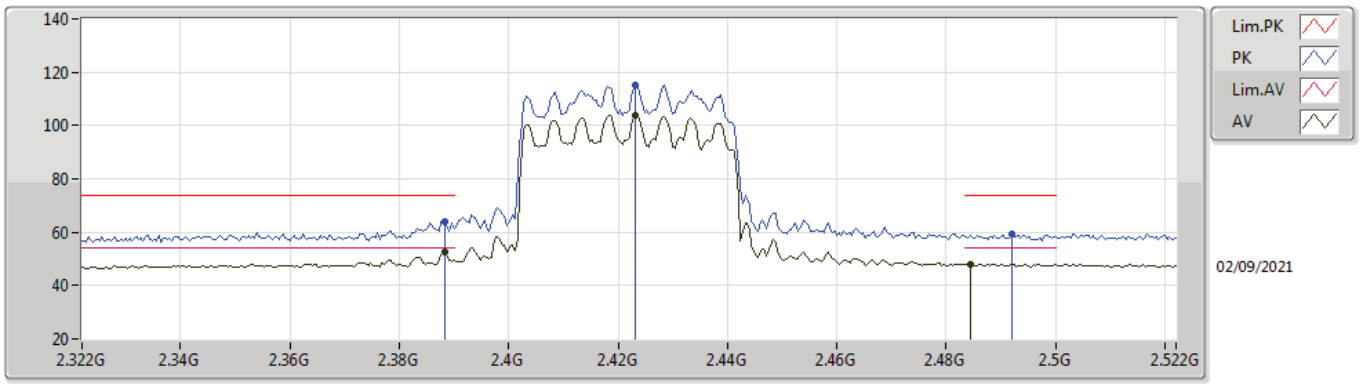
2462MHz_TX



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	4.92294G	32.05	54.00	-21.95	3.16	3	Horizontal	114	1.50	-	28.89	31.19	6.75	34.78
PK	4.92219G	44.88	74.00	-29.12	3.16	3	Horizontal	114	1.50	-	41.72	31.19	6.75	34.78

802.11ax HEW40_Nss1,(MCS0)_4TX

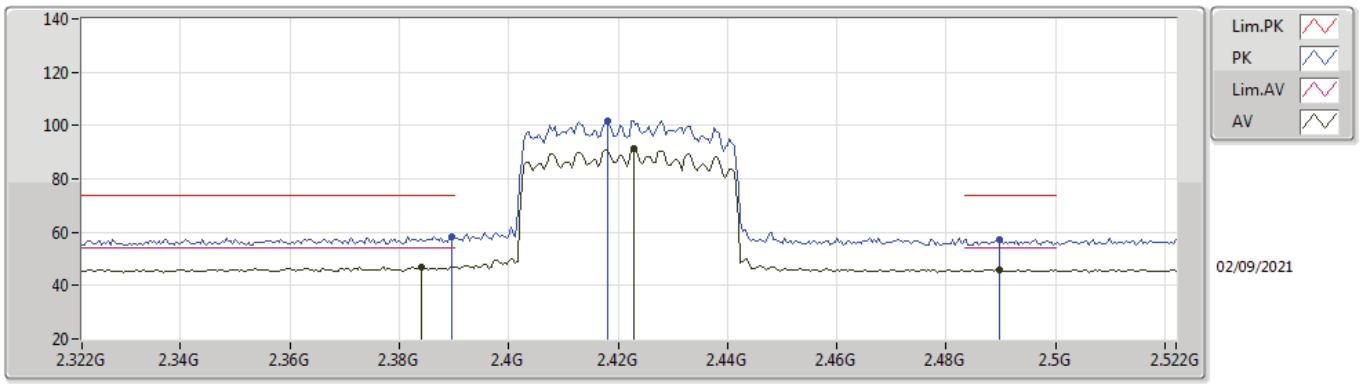
2422MHz_TX



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	2.3884G	52.54	54.00	-1.46	32.22	3	Vertical	206	2.30	-	20.32	27.65	4.57	-
AV	2.4232G	103.97	Inf	-Inf	32.14	3	Vertical	206	2.30	-	71.83	27.55	4.59	-
AV	2.4844G	47.96	54.00	-6.04	32.11	3	Vertical	206	2.30	-	15.85	27.50	4.61	-
PK	2.3884G	64.11	74.00	-9.89	32.22	3	Vertical	206	2.30	-	31.89	27.65	4.57	-
PK	2.4232G	115.25	Inf	-Inf	32.14	3	Vertical	206	2.30	-	83.11	27.55	4.59	-
PK	2.492G	59.36	74.00	-14.64	32.12	3	Vertical	206	2.30	-	27.24	27.50	4.62	-

802.11ax HEW40_Nss1,(MCS0)_4TX

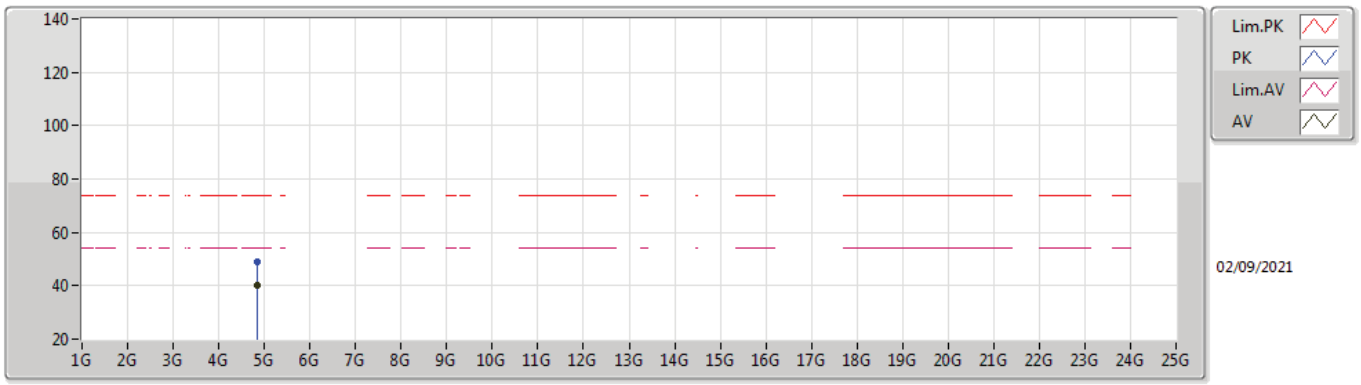
2422MHz_TX



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	2.384G	47.11	54.00	-6.89	32.22	3	Horizontal	159	1.68	-	14.89	27.66	4.56	-
AV	2.4228G	91.62	Inf	-Inf	32.14	3	Horizontal	159	1.68	-	59.48	27.55	4.59	-
AV	2.4896G	45.92	54.00	-8.08	32.12	3	Horizontal	159	1.68	-	13.80	27.50	4.62	-
PK	2.3896G	58.45	74.00	-15.55	32.21	3	Horizontal	159	1.68	-	26.24	27.64	4.57	-
PK	2.418G	101.92	Inf	-Inf	32.15	3	Horizontal	159	1.68	-	69.77	27.56	4.59	-
PK	2.4896G	57.35	74.00	-16.65	32.12	3	Horizontal	159	1.68	-	25.23	27.50	4.62	-

802.11ax HEW40_Nss1,(MCS0)_4TX

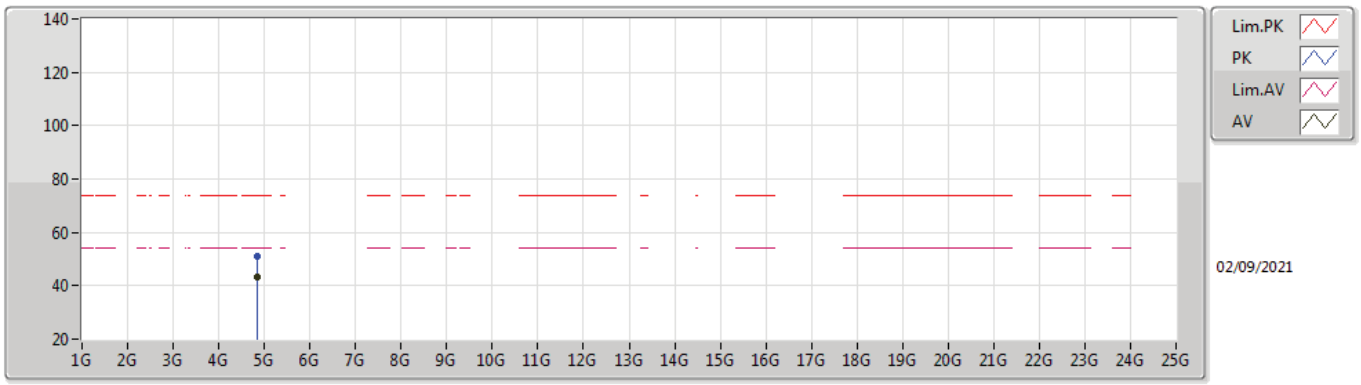
2422MHz_TX



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	4.8437G	40.08	54.00	-13.92	2.99	3	Vertical	297	2.02	-	37.09	31.10	6.69	34.80
PK	4.84381G	48.75	74.00	-25.25	2.99	3	Vertical	297	2.02	-	45.76	31.10	6.69	34.80

802.11ax HEW40_Nss1,(MCS0)_4TX

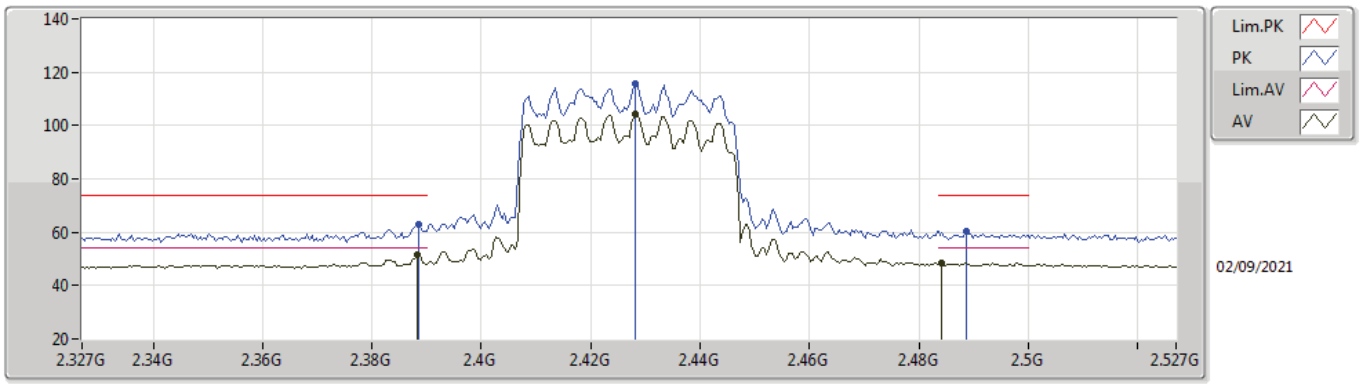
2422MHz_TX



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	4.84378G	43.28	54.00	-10.72	2.99	3	Horizontal	240	1.19	-	40.29	31.10	6.69	34.80
PK	4.84373G	51.01	74.00	-22.99	2.99	3	Horizontal	240	1.19	-	48.02	31.10	6.69	34.80

802.11ax HEW40_Nss1,(MCS0)_4TX

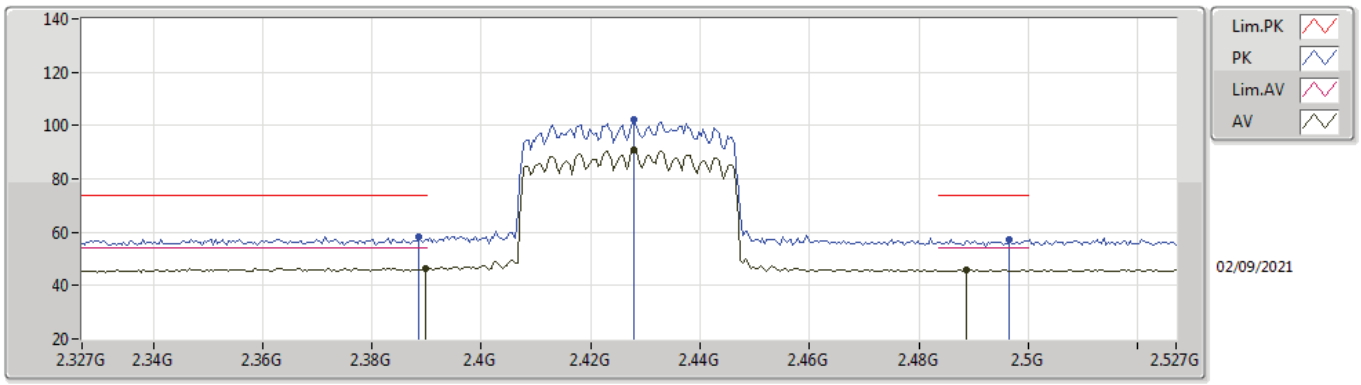
2427MHz_TX



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	2.3882G	51.40	54.00	-2.60	32.22	3	Vertical	206	2.16	-	19.18	27.65	4.57	-
AV	2.4282G	104.32	Inf	-Inf	32.13	3	Vertical	206	2.16	-	72.19	27.54	4.59	-
AV	2.4842G	48.46	54.00	-5.54	32.11	3	Vertical	206	2.16	-	16.35	27.50	4.61	-
PK	2.3886G	62.89	74.00	-11.11	32.22	3	Vertical	206	2.16	-	30.67	27.65	4.57	-
PK	2.4282G	115.70	Inf	-Inf	32.13	3	Vertical	206	2.16	-	83.57	27.54	4.59	-
PK	2.4886G	60.17	74.00	-13.83	32.12	3	Vertical	206	2.16	-	28.05	27.50	4.62	-

802.11ax HEW40_Nss1,(MCS0)_4TX

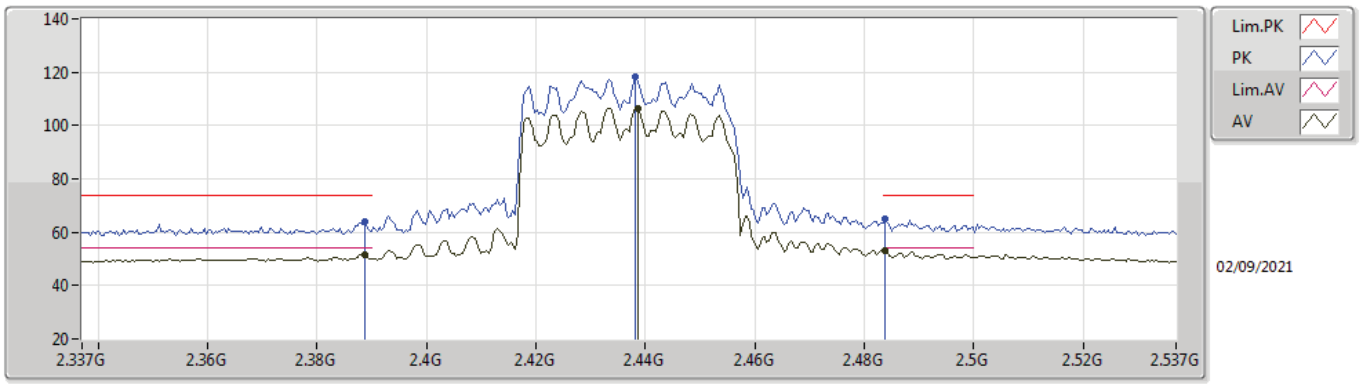
2427MHz_TX



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	46.60	54.00	-7.40	32.21	3	Horizontal	157	1.50	-	14.39	27.64	4.57	-
AV	2.4278G	91.10	Inf	-Inf	32.13	3	Horizontal	157	1.50	-	58.97	27.54	4.59	-
AV	2.4886G	46.08	54.00	-7.92	32.12	3	Horizontal	157	1.50	-	13.96	27.50	4.62	-
PK	2.3886G	58.24	74.00	-15.76	32.22	3	Horizontal	157	1.50	-	26.02	27.65	4.57	-
PK	2.4278G	102.27	Inf	-Inf	32.13	3	Horizontal	157	1.50	-	70.14	27.54	4.59	-
PK	2.4966G	57.29	74.00	-16.71	32.12	3	Horizontal	157	1.50	-	25.17	27.50	4.62	-

802.11ax HEW40_Nss1,(MCS0)_4TX

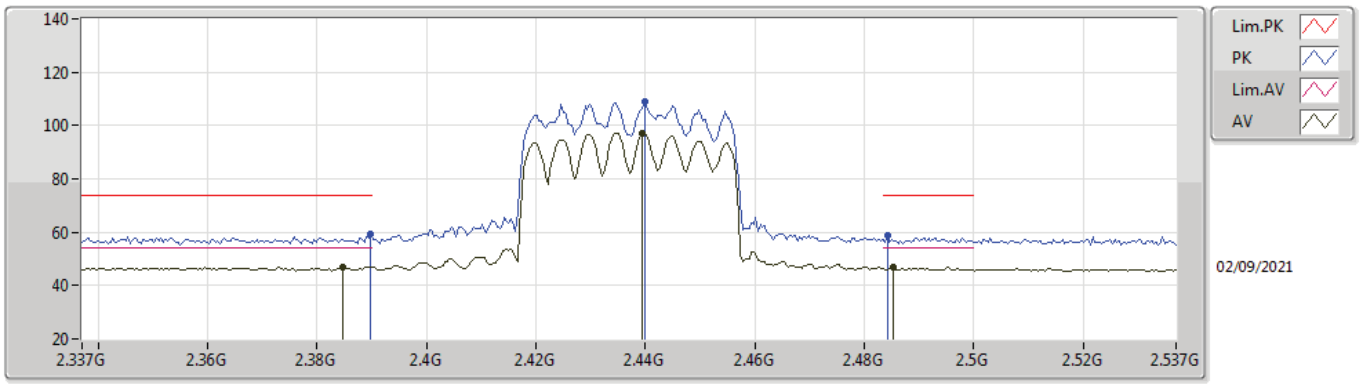
2437MHz_TX



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	51.76	54.00	-2.24	32.22	3	Vertical	207	2.32	-	19.54	27.65	4.57	-
AV	2.4386G	106.55	Inf	-Inf	32.12	3	Vertical	207	2.32	-	74.43	27.52	4.60	-
AV	2.4838G	52.97	54.00	-1.03	32.11	3	Vertical	207	2.32	-	20.86	27.50	4.61	-
PK	2.3886G	63.72	74.00	-10.28	32.22	3	Vertical	207	2.32	-	31.50	27.65	4.57	-
PK	2.4382G	118.17	Inf	-Inf	32.12	3	Vertical	207	2.32	-	86.05	27.52	4.60	-
PK	2.4838G	65.11	74.00	-8.89	32.11	3	Vertical	207	2.32	-	33.00	27.50	4.61	-

802.11ax HEW40_Nss1,(MCS0)_4TX

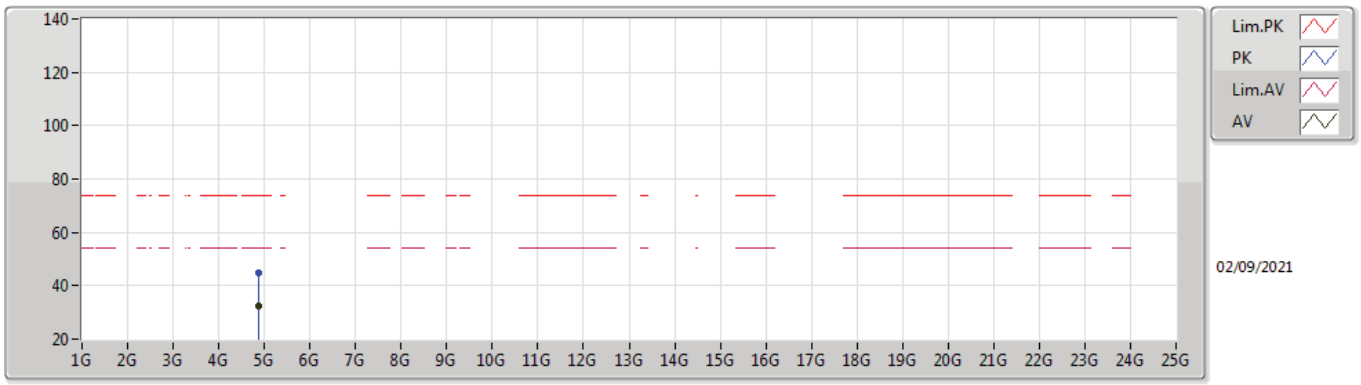
2437MHz_TX



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	2.3846G	46.97	54.00	-7.03	32.23	3	Horizontal	57	2.76	-	14.74	27.66	4.57	-
AV	2.4394G	97.21	Inf	-Inf	32.12	3	Horizontal	57	2.76	-	65.09	27.52	4.60	-
AV	2.4854G	46.68	54.00	-7.32	32.11	3	Horizontal	57	2.76	-	14.57	27.50	4.61	-
PK	2.3898G	59.49	74.00	-14.51	32.21	3	Horizontal	57	2.76	-	27.28	27.64	4.57	-
PK	2.4398G	108.96	Inf	-Inf	32.12	3	Horizontal	57	2.76	-	76.84	27.52	4.60	-
PK	2.4842G	58.82	74.00	-15.18	32.11	3	Horizontal	57	2.76	-	26.71	27.50	4.61	-

802.11ax HEW40_Nss1,(MCS0)_4TX

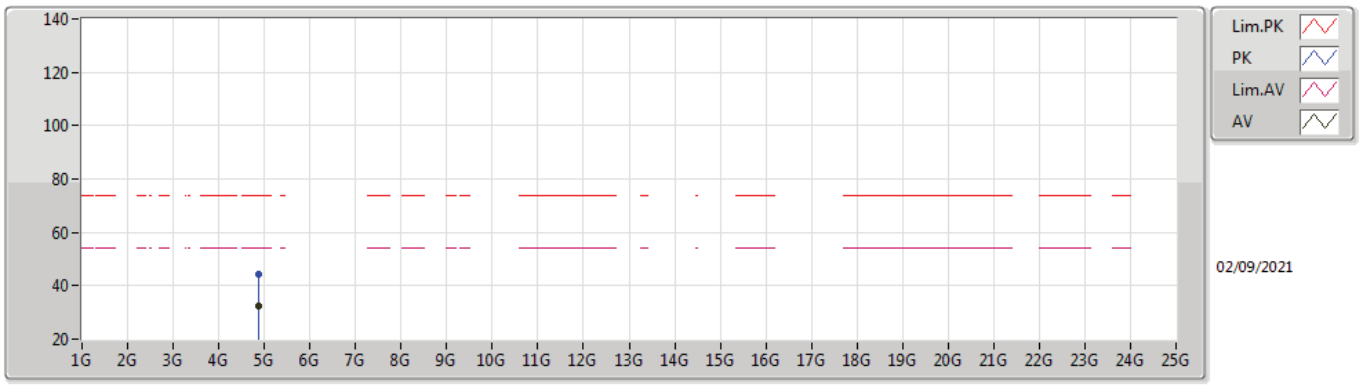
2437MHz_TX



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	4.87473G	32.61	54.00	-21.39	3.03	3	Vertical	211	2.93	-	29.58	31.10	6.72	34.79
PK	4.87264G	44.80	74.00	-29.20	3.02	3	Vertical	211	2.93	-	41.78	31.10	6.71	34.79

802.11ax HEW40_Nss1,(MCS0)_4TX

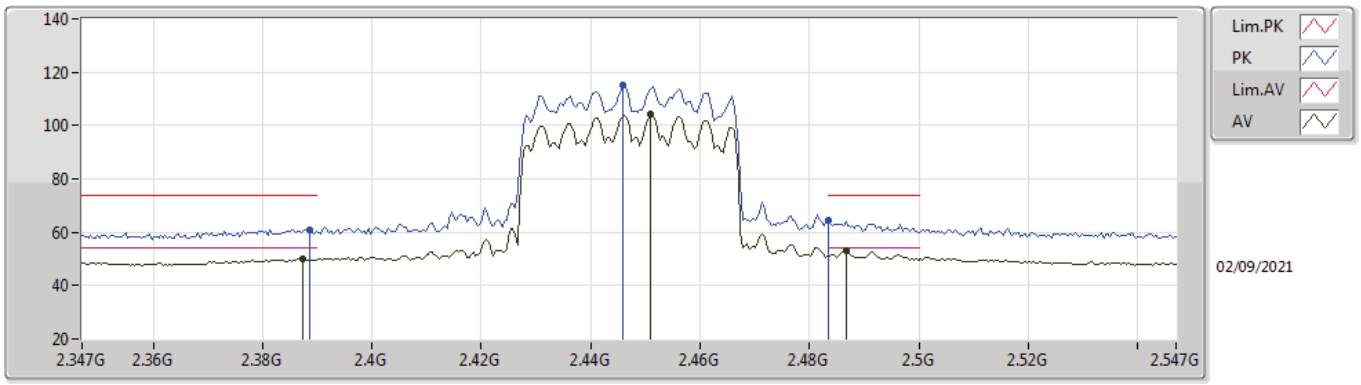
2437MHz_TX



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	4.87259G	32.42	54.00	-21.58	3.02	3	Horizontal	261	1.50	-	29.40	31.10	6.71	34.79
PK	4.87375G	44.45	74.00	-29.55	3.03	3	Horizontal	261	1.50	-	41.42	31.10	6.72	34.79

802.11ax HEW40_Nss1,(MCS0)_4TX

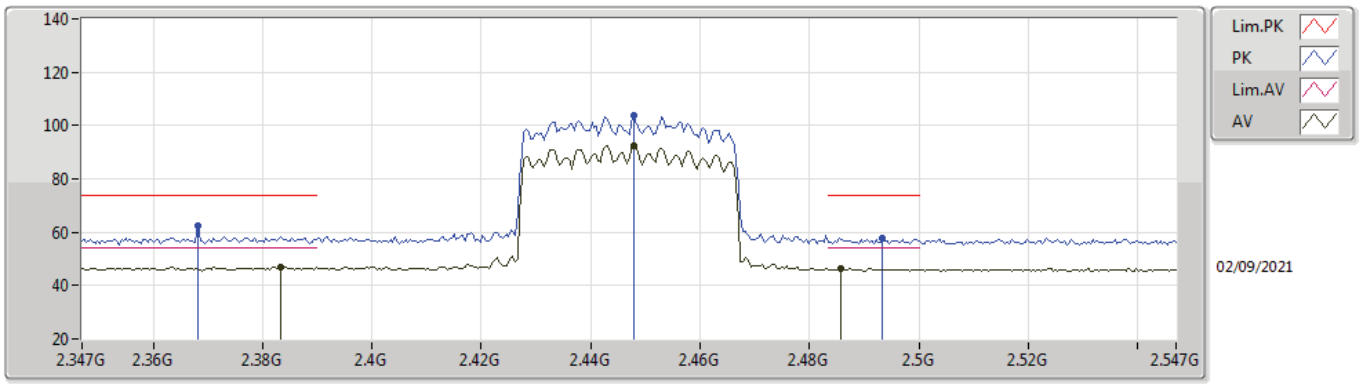
2447MHz_TX



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	2.3874G	50.07	54.00	-3.93	32.22	3	Vertical	56	1.16	-	17.85	27.65	4.57	-
AV	2.451G	104.10	Inf	-Inf	32.10	3	Vertical	56	1.16	-	72.00	27.50	4.60	-
AV	2.4866G	52.88	54.00	-1.12	32.11	3	Vertical	56	1.16	-	20.77	27.50	4.61	-
PK	2.3886G	60.96	74.00	-13.04	32.22	3	Vertical	56	1.16	-	28.74	27.65	4.57	-
PK	2.4458G	115.38	Inf	-Inf	32.11	3	Vertical	56	1.16	-	83.27	27.51	4.60	-
PK	2.4835G	64.63	74.00	-9.37	32.11	3	Vertical	56	1.16	-	32.52	27.50	4.61	-

802.11ax HEW40_Nss1,(MCS0)_4TX

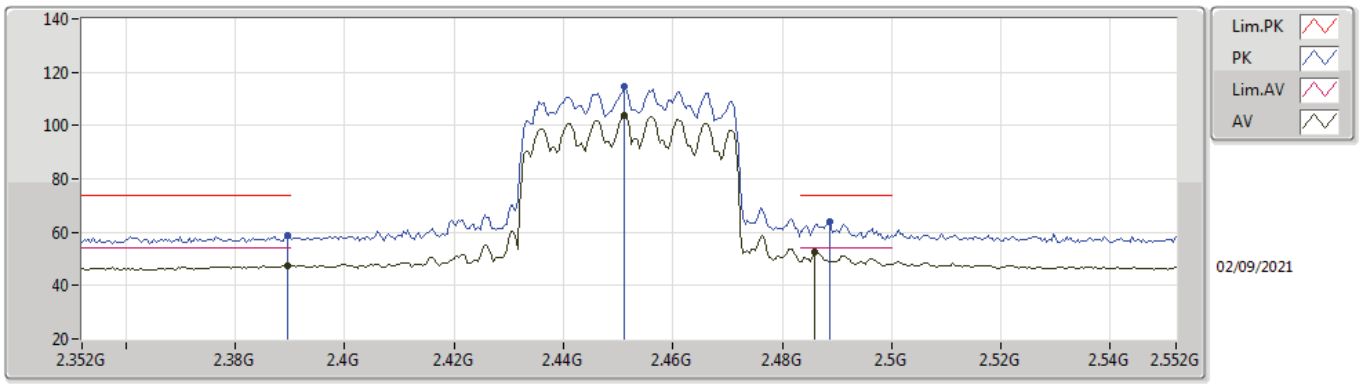
2447MHz_TX



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	2.3834G	47.06	54.00	-6.94	32.23	3	Horizontal	159	1.50	-	14.83	27.67	4.56	-
AV	2.4478G	92.32	Inf	-Inf	32.10	3	Horizontal	159	1.50	-	60.22	27.50	4.60	-
AV	2.4858G	46.62	54.00	-7.38	32.11	3	Horizontal	159	1.50	-	14.51	27.50	4.61	-
PK	2.3682G	62.58	74.00	-11.42	32.28	3	Horizontal	159	1.50	-	30.30	27.73	4.55	-
PK	2.4478G	103.65	Inf	-Inf	32.10	3	Horizontal	159	1.50	-	71.55	27.50	4.60	-
PK	2.4934G	57.89	74.00	-16.11	32.12	3	Horizontal	159	1.50	-	25.77	27.50	4.62	-

802.11ax HEW40_Nss1,(MCS0)_4TX

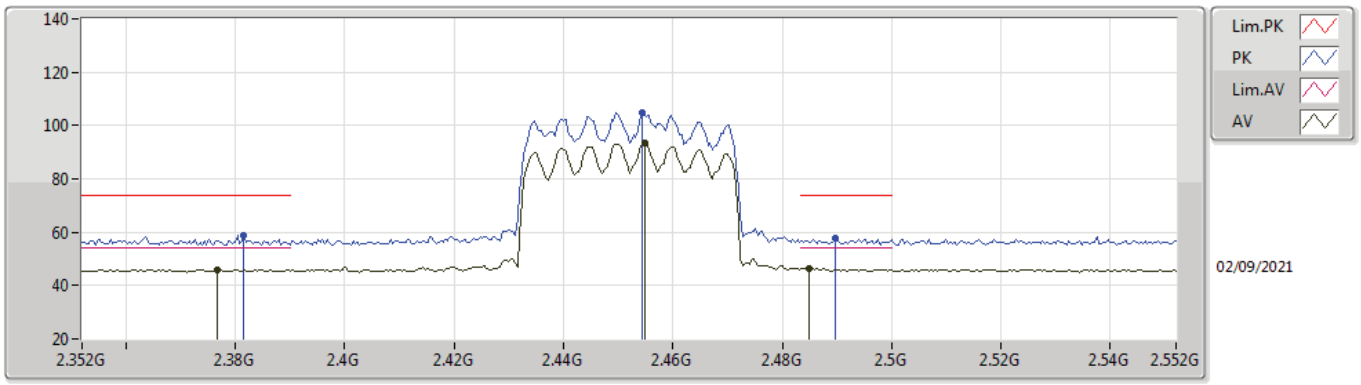
2452MHz_TX



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	2.3896G	47.42	54.00	-6.58	32.21	3	Vertical	56	1.14	-	15.21	27.64	4.57	-
AV	2.4512G	103.73	Inf	-Inf	32.10	3	Vertical	56	1.14	-	71.63	27.50	4.60	-
AV	2.486G	52.81	54.00	-1.19	32.11	3	Vertical	56	1.14	-	20.70	27.50	4.61	-
PK	2.3896G	58.89	74.00	-15.11	32.21	3	Vertical	56	1.14	-	26.68	27.64	4.57	-
PK	2.4512G	114.79	Inf	-Inf	32.10	3	Vertical	56	1.14	-	82.69	27.50	4.60	-
PK	2.4888G	63.93	74.00	-10.07	32.12	3	Vertical	56	1.14	-	31.81	27.50	4.62	-

802.11ax HEW40_Nss1,(MCS0)_4TX

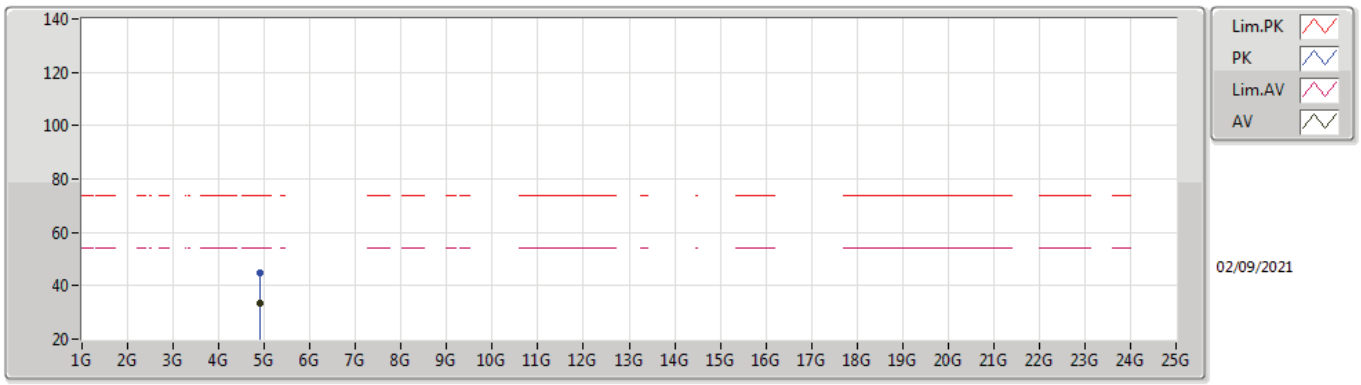
2452MHz_TX



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	2.3768G	45.95	54.00	-8.05	32.25	3	Horizontal	57	2.47	-	13.70	27.69	4.56	-
AV	2.4548G	93.43	Inf	-Inf	32.10	3	Horizontal	57	2.47	-	61.33	27.50	4.60	-
AV	2.4848G	46.51	54.00	-7.49	32.11	3	Horizontal	57	2.47	-	14.40	27.50	4.61	-
PK	2.3816G	58.99	74.00	-15.01	32.23	3	Horizontal	57	2.47	-	26.76	27.67	4.56	-
PK	2.4544G	104.87	Inf	-Inf	32.10	3	Horizontal	57	2.47	-	72.77	27.50	4.60	-
PK	2.4896G	57.69	74.00	-16.31	32.12	3	Horizontal	57	2.47	-	25.57	27.50	4.62	-

802.11ax HEW40_Nss1,(MCS0)_4TX

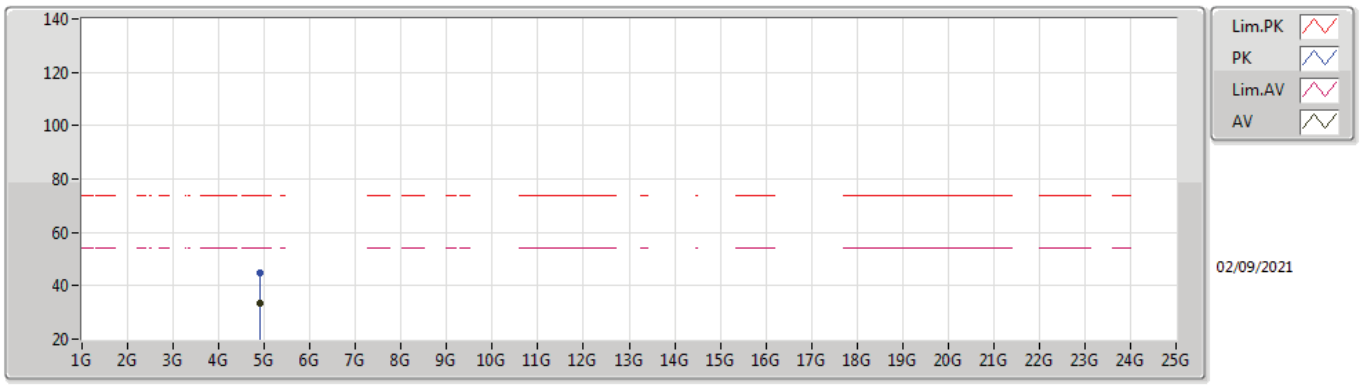
2452MHz_TX



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	4.90203G	33.24	54.00	-20.76	3.06	3	Vertical	265	2.85	-	30.18	31.11	6.74	34.79
PK	4.90632G	44.81	74.00	-29.19	3.09	3	Vertical	265	2.85	-	41.72	31.13	6.74	34.78

802.11ax HEW40_Nss1,(MCS0)_4TX

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	4.90325G	33.31	54.00	-20.69	3.06	3	Horizontal	317	1.50	-	30.25	31.11	6.74	34.79
PK	4.90253G	44.94	74.00	-29.06	3.06	3	Horizontal	317	1.50	-	41.88	31.11	6.74	34.79

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)_4TX	Pass	AV	2.4835G	52.95	54.00	-1.05	3	Vertical	224	1.49	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	2.4844G	52.96	54.00	-1.04	3	Vertical	225	1.69	-

Result

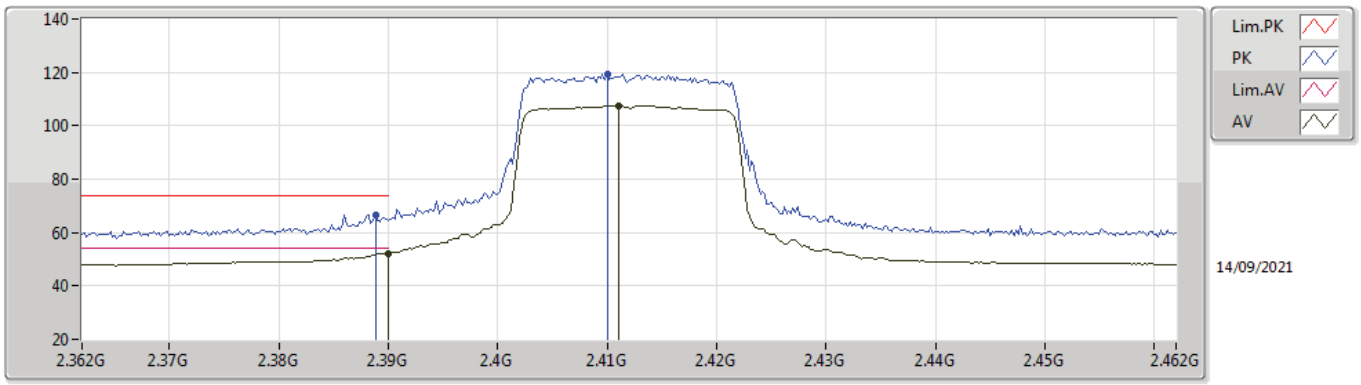
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.22	54.00	-1.78	3	Vertical	135	1.11	-
2412MHz	Pass	AV	2.411G	107.54	Inf	-Inf	3	Vertical	135	1.11	-
2412MHz	Pass	PK	2.3888G	66.80	74.00	-7.20	3	Vertical	135	1.11	-
2412MHz	Pass	PK	2.41G	119.27	Inf	-Inf	3	Vertical	135	1.11	-
2412MHz	Pass	AV	2.39G	47.69	54.00	-6.31	3	Horizontal	142	1.50	-
2412MHz	Pass	AV	2.4108G	100.37	Inf	-Inf	3	Horizontal	142	1.50	-
2412MHz	Pass	PK	2.3898G	60.58	74.00	-13.42	3	Horizontal	142	1.50	-
2412MHz	Pass	PK	2.4078G	112.88	Inf	-Inf	3	Horizontal	142	1.50	-
2412MHz	Pass	AV	4.82281G	32.72	54.00	-21.28	3	Vertical	264	1.35	-
2412MHz	Pass	PK	4.82381G	53.26	74.00	-20.74	3	Vertical	264	1.35	-
2412MHz	Pass	AV	4.82249G	32.71	54.00	-21.29	3	Horizontal	252	1.70	-
2412MHz	Pass	PK	4.82171G	48.20	74.00	-25.80	3	Horizontal	252	1.70	-
2417MHz	Pass	AV	2.39G	50.60	54.00	-3.40	3	Vertical	132	1.15	-
2417MHz	Pass	AV	2.4158G	108.77	Inf	-Inf	3	Vertical	132	1.15	-
2417MHz	Pass	PK	2.3882G	68.23	74.00	-5.77	3	Vertical	132	1.15	-
2417MHz	Pass	PK	2.4158G	121.87	Inf	-Inf	3	Vertical	132	1.15	-
2417MHz	Pass	AV	2.39G	46.55	54.00	-7.45	3	Horizontal	137	1.50	-
2417MHz	Pass	AV	2.4178G	100.92	Inf	-Inf	3	Horizontal	137	1.50	-
2417MHz	Pass	PK	2.3876G	59.75	74.00	-14.25	3	Horizontal	137	1.50	-
2417MHz	Pass	PK	2.4106G	113.14	Inf	-Inf	3	Horizontal	137	1.50	-
2437MHz	Pass	AV	2.389G	52.39	54.00	-1.61	3	Vertical	231	1.40	-
2437MHz	Pass	AV	2.4386G	110.20	Inf	-Inf	3	Vertical	231	1.40	-
2437MHz	Pass	AV	2.4854G	52.60	54.00	-1.40	3	Vertical	231	1.40	-
2437MHz	Pass	PK	2.3898G	64.45	74.00	-9.55	3	Vertical	231	1.40	-
2437MHz	Pass	PK	2.4302G	121.88	Inf	-Inf	3	Vertical	231	1.40	-
2437MHz	Pass	PK	2.4922G	65.62	74.00	-8.38	3	Vertical	231	1.40	-
2437MHz	Pass	AV	2.3838G	47.65	54.00	-6.35	3	Horizontal	143	1.36	-
2437MHz	Pass	AV	2.435G	104.40	Inf	-Inf	3	Horizontal	143	1.36	-
2437MHz	Pass	AV	2.4938G	46.47	54.00	-7.53	3	Horizontal	143	1.36	-
2437MHz	Pass	PK	2.3878G	59.85	74.00	-14.15	3	Horizontal	143	1.36	-
2437MHz	Pass	PK	2.435G	116.69	Inf	-Inf	3	Horizontal	143	1.36	-
2437MHz	Pass	PK	2.4854G	58.97	74.00	-15.03	3	Horizontal	143	1.36	-
2437MHz	Pass	AV	4.87335G	33.04	54.00	-20.96	3	Vertical	120	1.00	-
2437MHz	Pass	PK	4.87462G	53.36	74.00	-20.64	3	Vertical	120	1.00	-
2437MHz	Pass	AV	4.87435G	32.32	54.00	-21.68	3	Horizontal	29	1.59	-
2437MHz	Pass	PK	4.87403G	46.99	74.00	-27.01	3	Horizontal	29	1.59	-
2457MHz	Pass	AV	2.4592G	108.68	Inf	-Inf	3	Vertical	224	1.49	-
2457MHz	Pass	AV	2.4835G	52.95	54.00	-1.05	3	Vertical	224	1.49	-
2457MHz	Pass	PK	2.4632G	121.46	Inf	-Inf	3	Vertical	224	1.49	-
2457MHz	Pass	PK	2.4842G	66.75	74.00	-7.25	3	Vertical	224	1.49	-
2457MHz	Pass	AV	2.4586G	99.28	Inf	-Inf	3	Horizontal	138	1.50	-
2457MHz	Pass	AV	2.4838G	45.97	54.00	-8.03	3	Horizontal	138	1.50	-
2457MHz	Pass	PK	2.4588G	112.89	Inf	-Inf	3	Horizontal	138	1.50	-
2457MHz	Pass	PK	2.4862G	59.38	74.00	-14.62	3	Horizontal	138	1.50	-
2462MHz	Pass	AV	2.4632G	107.07	Inf	-Inf	3	Vertical	139	1.82	-
2462MHz	Pass	AV	2.4835G	52.67	54.00	-1.33	3	Vertical	139	1.82	-
2462MHz	Pass	PK	2.4626G	120.23	Inf	-Inf	3	Vertical	139	1.82	-
2462MHz	Pass	PK	2.4835G	70.14	74.00	-3.86	3	Vertical	139	1.82	-
2462MHz	Pass	AV	2.4628G	96.54	Inf	-Inf	3	Horizontal	136	1.50	-
2462MHz	Pass	AV	2.484G	46.02	54.00	-7.98	3	Horizontal	136	1.50	-
2462MHz	Pass	PK	2.4606G	109.74	Inf	-Inf	3	Horizontal	136	1.50	-
2462MHz	Pass	PK	2.4846G	59.44	74.00	-14.56	3	Horizontal	136	1.50	-
2462MHz	Pass	AV	4.92273G	32.50	54.00	-21.50	3	Vertical	228	1.02	-
2462MHz	Pass	PK	4.92476G	54.32	74.00	-19.68	3	Vertical	228	1.02	-
2462MHz	Pass	AV	4.92366G	31.90	54.00	-22.10	3	Horizontal	236	1.50	-
2462MHz	Pass	PK	4.92577G	46.00	74.00	-28.00	3	Horizontal	236	1.50	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	52.35	54.00	-1.65	3	Vertical	130	1.50	-
2422MHz	Pass	AV	2.4212G	102.20	Inf	-Inf	3	Vertical	130	1.50	-
2422MHz	Pass	AV	2.4872G	46.88	54.00	-7.12	3	Vertical	130	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	2.3896G	64.44	74.00	-9.56	3	Vertical	130	1.50	-
2422MHz	Pass	PK	2.4284G	113.85	Inf	-Inf	3	Vertical	130	1.50	-
2422MHz	Pass	PK	2.5G	58.69	74.00	-15.31	3	Vertical	130	1.50	-
2422MHz	Pass	AV	2.39G	46.96	54.00	-7.04	3	Horizontal	136	1.50	-
2422MHz	Pass	AV	2.4208G	92.10	Inf	-Inf	3	Horizontal	136	1.50	-
2422MHz	Pass	AV	2.4896G	45.22	54.00	-8.78	3	Horizontal	136	1.50	-
2422MHz	Pass	PK	2.39G	58.93	74.00	-15.07	3	Horizontal	136	1.50	-
2422MHz	Pass	PK	2.4232G	103.86	Inf	-Inf	3	Horizontal	136	1.50	-
2422MHz	Pass	PK	2.4835G	57.68	74.00	-16.32	3	Horizontal	136	1.50	-
2422MHz	Pass	AV	4.8438G	39.97	54.00	-14.03	3	Vertical	248	2.18	-
2422MHz	Pass	PK	4.84387G	49.22	74.00	-24.78	3	Vertical	248	2.18	-
2422MHz	Pass	AV	4.84379G	44.56	54.00	-9.44	3	Horizontal	232	1.91	-
2422MHz	Pass	PK	4.84385G	51.83	74.00	-22.17	3	Horizontal	232	1.91	-
2427MHz	Pass	AV	2.3886G	52.50	54.00	-1.50	3	Vertical	138	1.50	-
2427MHz	Pass	AV	2.4302G	103.14	Inf	-Inf	3	Vertical	138	1.50	-
2427MHz	Pass	AV	2.485G	49.11	54.00	-4.89	3	Vertical	138	1.50	-
2427MHz	Pass	PK	2.387G	63.94	74.00	-10.06	3	Vertical	138	1.50	-
2427MHz	Pass	PK	2.4294G	115.64	Inf	-Inf	3	Vertical	138	1.50	-
2427MHz	Pass	PK	2.485G	62.05	74.00	-11.95	3	Vertical	138	1.50	-
2427MHz	Pass	AV	2.3898G	47.33	54.00	-6.67	3	Horizontal	139	1.50	-
2427MHz	Pass	AV	2.4258G	94.23	Inf	-Inf	3	Horizontal	139	1.50	-
2427MHz	Pass	AV	2.4854G	45.71	54.00	-8.29	3	Horizontal	139	1.50	-
2427MHz	Pass	PK	2.3878G	59.51	74.00	-14.49	3	Horizontal	139	1.50	-
2427MHz	Pass	PK	2.4246G	106.46	Inf	-Inf	3	Horizontal	139	1.50	-
2427MHz	Pass	PK	2.4858G	58.24	74.00	-15.76	3	Horizontal	139	1.50	-
2437MHz	Pass	AV	2.3894G	50.14	54.00	-3.86	3	Vertical	222	1.87	-
2437MHz	Pass	AV	2.4386G	105.13	Inf	-Inf	3	Vertical	222	1.87	-
2437MHz	Pass	AV	2.4835G	52.92	54.00	-1.08	3	Vertical	222	1.87	-
2437MHz	Pass	PK	2.387G	62.37	74.00	-11.63	3	Vertical	222	1.87	-
2437MHz	Pass	PK	2.4378G	117.11	Inf	-Inf	3	Vertical	222	1.87	-
2437MHz	Pass	PK	2.4846G	65.23	74.00	-8.77	3	Vertical	222	1.87	-
2437MHz	Pass	AV	2.3834G	47.01	54.00	-6.99	3	Horizontal	137	1.50	-
2437MHz	Pass	AV	2.4354G	94.79	Inf	-Inf	3	Horizontal	137	1.50	-
2437MHz	Pass	AV	2.491G	46.19	54.00	-7.81	3	Horizontal	137	1.50	-
2437MHz	Pass	PK	2.3726G	58.50	74.00	-15.50	3	Horizontal	137	1.50	-
2437MHz	Pass	PK	2.4354G	106.30	Inf	-Inf	3	Horizontal	137	1.50	-
2437MHz	Pass	PK	2.4938G	58.01	74.00	-15.99	3	Horizontal	137	1.50	-
2437MHz	Pass	AV	4.87526G	33.96	54.00	-20.04	3	Vertical	174	1.00	-
2437MHz	Pass	PK	4.8745G	52.75	74.00	-21.25	3	Vertical	174	1.00	-
2437MHz	Pass	AV	4.8751G	31.92	54.00	-22.08	3	Horizontal	35	1.50	-
2437MHz	Pass	PK	4.87494G	44.45	74.00	-29.55	3	Horizontal	35	1.50	-
2447MHz	Pass	AV	2.3854G	46.32	54.00	-7.68	3	Vertical	224	1.93	-
2447MHz	Pass	AV	2.449G	101.91	Inf	-Inf	3	Vertical	224	1.93	-
2447MHz	Pass	AV	2.4835G	52.67	54.00	-1.33	3	Vertical	224	1.93	-
2447MHz	Pass	PK	2.377G	58.79	74.00	-15.21	3	Vertical	224	1.93	-
2447MHz	Pass	PK	2.4434G	113.77	Inf	-Inf	3	Vertical	224	1.93	-
2447MHz	Pass	PK	2.4835G	64.09	74.00	-9.91	3	Vertical	224	1.93	-
2447MHz	Pass	AV	2.3822G	45.92	54.00	-8.08	3	Horizontal	137	1.42	-
2447MHz	Pass	AV	2.449G	90.72	Inf	-Inf	3	Horizontal	137	1.42	-
2447MHz	Pass	AV	2.485G	45.78	54.00	-8.22	3	Horizontal	137	1.42	-
2447MHz	Pass	PK	2.3722G	57.62	74.00	-16.38	3	Horizontal	137	1.42	-
2447MHz	Pass	PK	2.445G	103.23	Inf	-Inf	3	Horizontal	137	1.42	-
2447MHz	Pass	PK	2.4838G	57.78	74.00	-16.22	3	Horizontal	137	1.42	-
2452MHz	Pass	AV	2.3836G	46.53	54.00	-7.47	3	Vertical	225	1.69	-
2452MHz	Pass	AV	2.4532G	101.69	Inf	-Inf	3	Vertical	225	1.69	-
2452MHz	Pass	AV	2.4844G	52.96	54.00	-1.04	3	Vertical	225	1.69	-
2452MHz	Pass	PK	2.3868G	59.09	74.00	-14.91	3	Vertical	225	1.69	-
2452MHz	Pass	PK	2.456G	113.57	Inf	-Inf	3	Vertical	225	1.69	-
2452MHz	Pass	PK	2.484G	64.39	74.00	-9.61	3	Vertical	225	1.69	-
2452MHz	Pass	AV	2.384G	45.78	54.00	-8.22	3	Horizontal	136	1.93	-
2452MHz	Pass	AV	2.4544G	90.58	Inf	-Inf	3	Horizontal	136	1.93	-
2452MHz	Pass	AV	2.486G	46.23	54.00	-7.77	3	Horizontal	136	1.93	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.3596G	58.08	74.00	-15.92	3	Horizontal	136	1.93	-
2452MHz	Pass	PK	2.4588G	102.40	Inf	-Inf	3	Horizontal	136	1.93	-
2452MHz	Pass	PK	2.4868G	58.40	74.00	-15.60	3	Horizontal	136	1.93	-
2452MHz	Pass	AV	4.90289G	33.83	54.00	-20.17	3	Vertical	14	1.00	-
2452MHz	Pass	PK	4.90483G	52.41	74.00	-21.59	3	Vertical	14	1.00	-
2452MHz	Pass	AV	4.90268G	32.42	54.00	-21.58	3	Horizontal	194	1.50	-
2452MHz	Pass	PK	4.90187G	45.01	74.00	-28.99	3	Horizontal	194	1.50	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

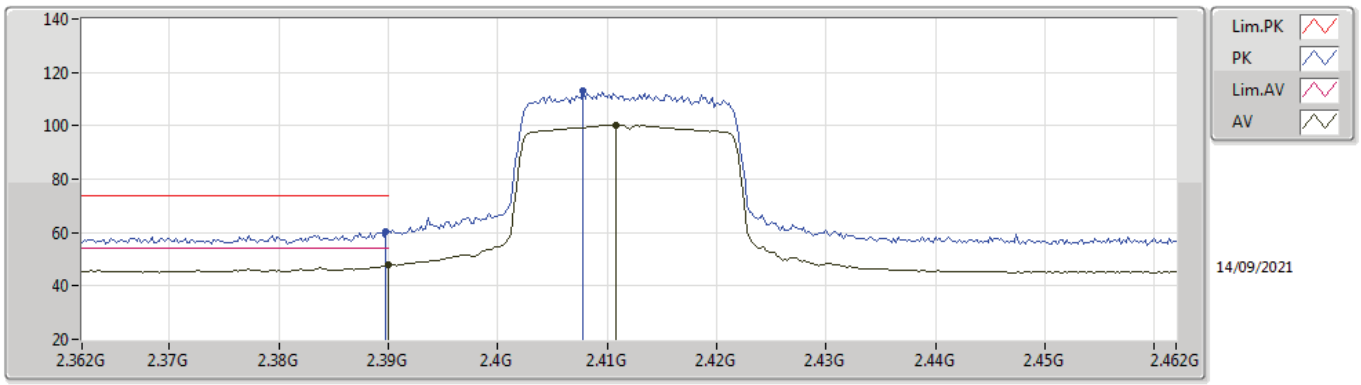
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.22	54.00	-1.78	32.21	3	Vertical	135	1.11	-	20.01	27.64	4.57	-
AV	2.411G	107.54	Inf	-Inf	32.16	3	Vertical	135	1.11	-	75.38	27.58	4.58	-
PK	2.3888G	66.80	74.00	-7.20	32.21	3	Vertical	135	1.11	-	34.59	27.64	4.57	-
PK	2.41G	119.27	Inf	-Inf	32.16	3	Vertical	135	1.11	-	87.11	27.58	4.58	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

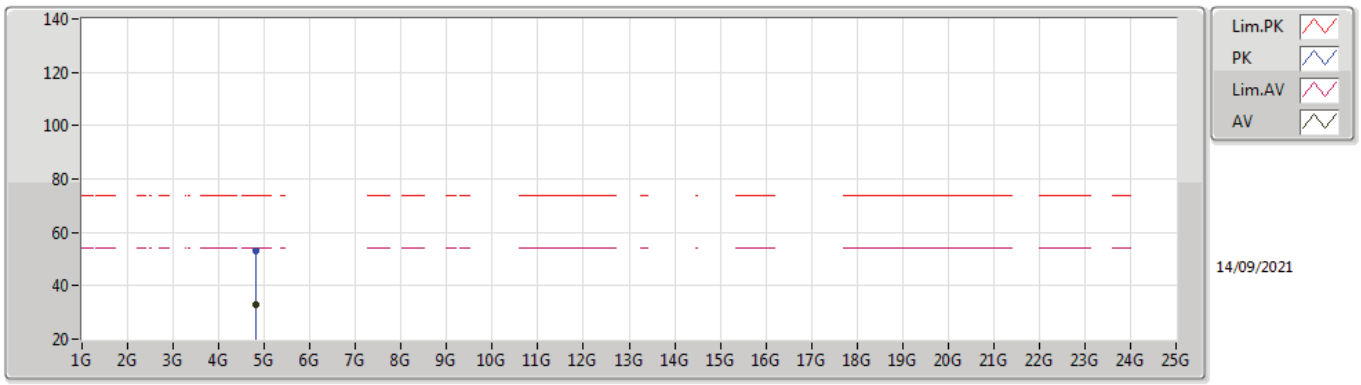
2412MHz_TX



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	47.69	54.00	-6.31	32.21	3	Horizontal	142	1.50	-	15.48	27.64	4.57	-
AV	2.4108G	100.37	Inf	-Inf	32.16	3	Horizontal	142	1.50	-	68.21	27.58	4.58	-
PK	2.3898G	60.58	74.00	-13.42	32.21	3	Horizontal	142	1.50	-	28.37	27.64	4.57	-
PK	2.4078G	112.88	Inf	-Inf	32.16	3	Horizontal	142	1.50	-	80.72	27.58	4.58	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

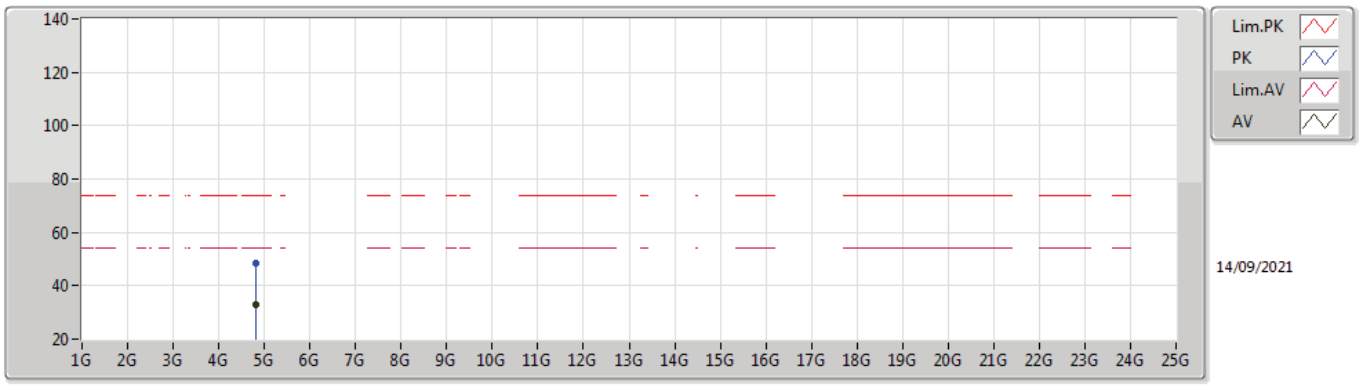
2412MHz_TX



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	4.82281G	32.72	54.00	-21.28	2.97	3	Vertical	264	1.35	-	29.75	31.10	6.68	34.81
PK	4.82381G	53.26	74.00	-20.74	2.97	3	Vertical	264	1.35	-	50.29	31.10	6.68	34.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

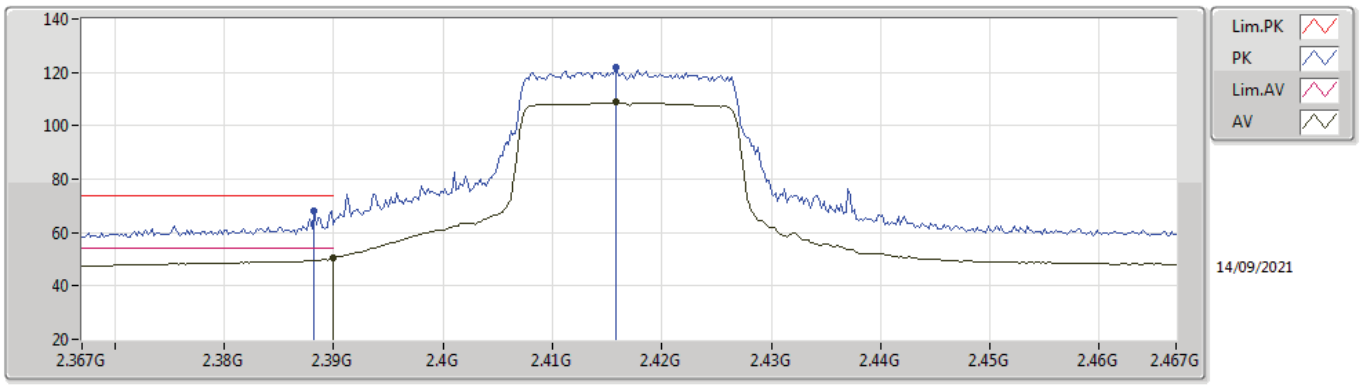
2412MHz_TX



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	4.82249G	32.71	54.00	-21.29	2.97	3	Horizontal	252	1.70	-	29.74	31.10	6.68	34.81
PK	4.82171G	48.20	74.00	-25.80	2.97	3	Horizontal	252	1.70	-	45.23	31.10	6.68	34.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

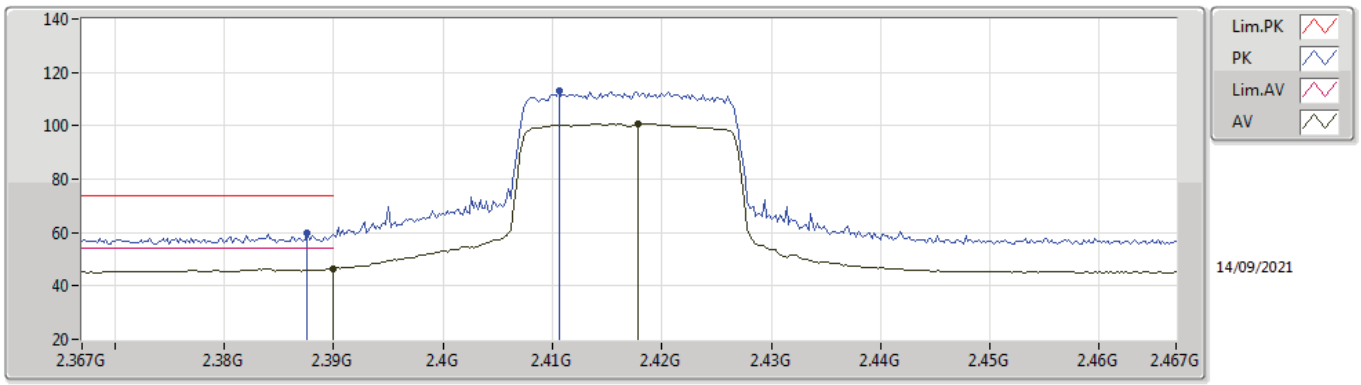
2417MHz_TX



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	50.60	54.00	-3.40	32.21	3	Vertical	132	1.15	-	18.39	27.64	4.57	-
AV	2.4158G	108.77	Inf	-Inf	32.16	3	Vertical	132	1.15	-	76.61	27.57	4.59	-
PK	2.3882G	68.23	74.00	-5.77	32.22	3	Vertical	132	1.15	-	36.01	27.65	4.57	-
PK	2.4158G	121.87	Inf	-Inf	32.16	3	Vertical	132	1.15	-	89.71	27.57	4.59	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

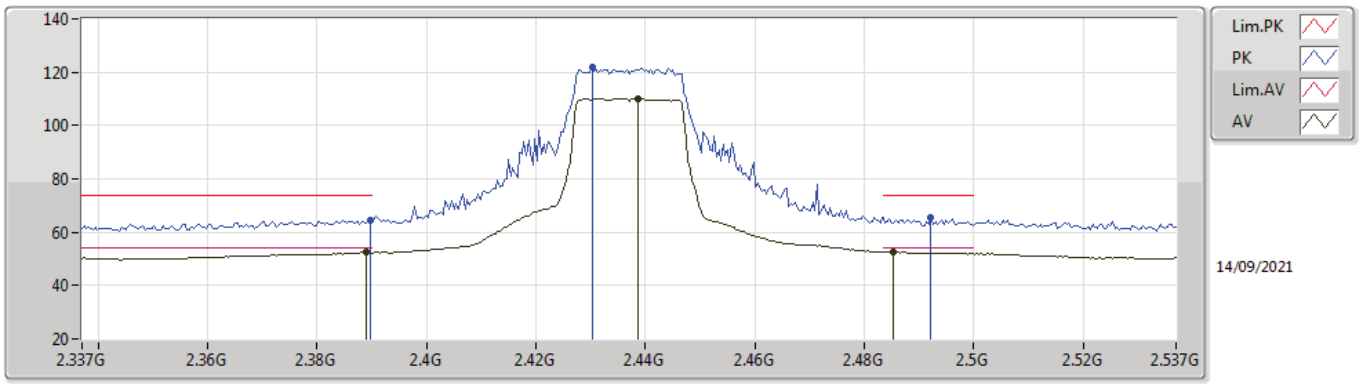
2417MHz_TX



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	46.55	54.00	-7.45	32.21	3	Horizontal	137	1.50	-	14.34	27.64	4.57	-
AV	2.4178G	100.92	Inf	-Inf	32.15	3	Horizontal	137	1.50	-	68.77	27.56	4.59	-
PK	2.3876G	59.75	74.00	-14.25	32.22	3	Horizontal	137	1.50	-	27.53	27.65	4.57	-
PK	2.4106G	113.14	Inf	-Inf	32.16	3	Horizontal	137	1.50	-	80.98	27.58	4.58	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

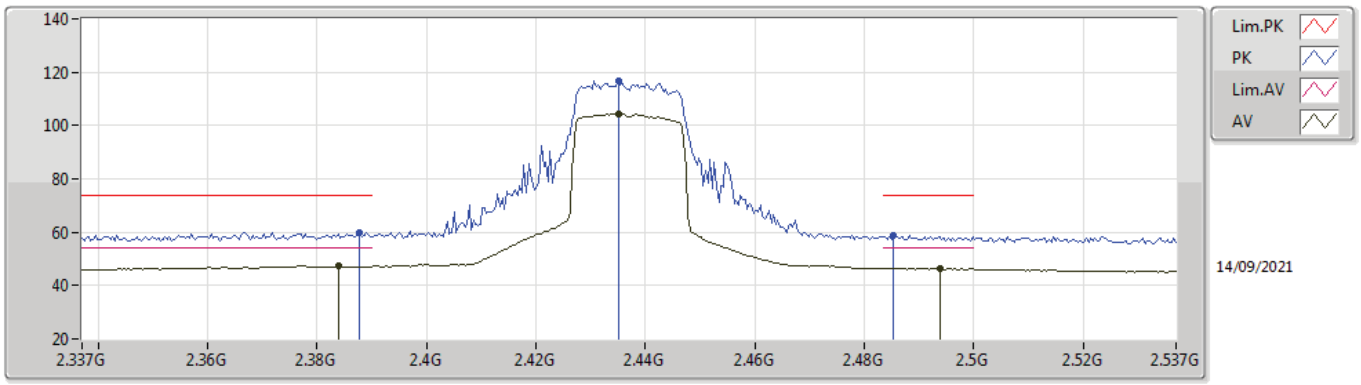
2437MHz_TX



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	52.39	54.00	-1.61	32.21	3	Vertical	231	1.40	-	20.18	27.64	4.57	-
AV	2.4386G	110.20	Inf	-Inf	32.12	3	Vertical	231	1.40	-	78.08	27.52	4.60	-
AV	2.4854G	52.60	54.00	-1.40	32.11	3	Vertical	231	1.40	-	20.49	27.50	4.61	-
PK	2.3898G	64.45	74.00	-9.55	32.21	3	Vertical	231	1.40	-	32.24	27.64	4.57	-
PK	2.4302G	121.88	Inf	-Inf	32.13	3	Vertical	231	1.40	-	89.75	27.54	4.59	-
PK	2.4922G	65.62	74.00	-8.38	32.12	3	Vertical	231	1.40	-	33.50	27.50	4.62	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

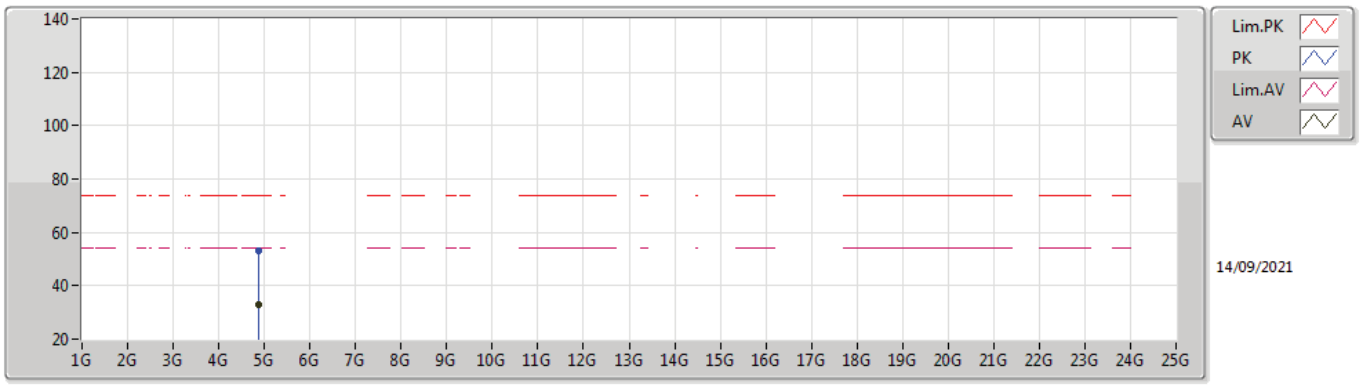
2437MHz_TX



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	2.3838G	47.65	54.00	-6.35	32.22	3	Horizontal	143	1.36	-	15.43	27.66	4.56	-
AV	2.435G	104.40	Inf	-Inf	32.12	3	Horizontal	143	1.36	-	72.28	27.53	4.59	-
AV	2.4938G	46.47	54.00	-7.53	32.12	3	Horizontal	143	1.36	-	14.35	27.50	4.62	-
PK	2.3878G	59.85	74.00	-14.15	32.22	3	Horizontal	143	1.36	-	27.63	27.65	4.57	-
PK	2.435G	116.69	Inf	-Inf	32.12	3	Horizontal	143	1.36	-	84.57	27.53	4.59	-
PK	2.4854G	58.97	74.00	-15.03	32.11	3	Horizontal	143	1.36	-	26.86	27.50	4.61	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

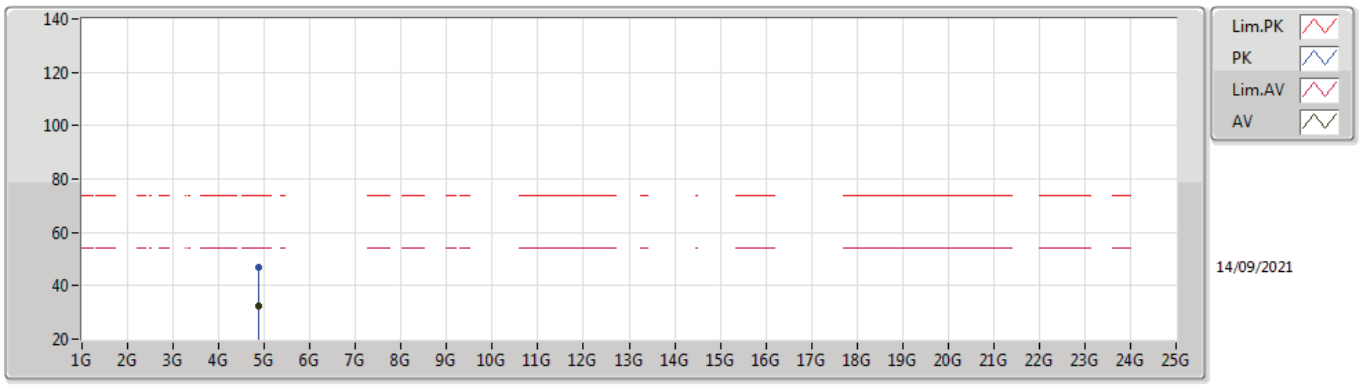
2437MHz_TX



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	4.87335G	33.04	54.00	-20.96	3.03	3	Vertical	120	1.00	-	30.01	31.10	6.72	34.79
PK	4.87462G	53.36	74.00	-20.64	3.03	3	Vertical	120	1.00	-	50.33	31.10	6.72	34.79

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

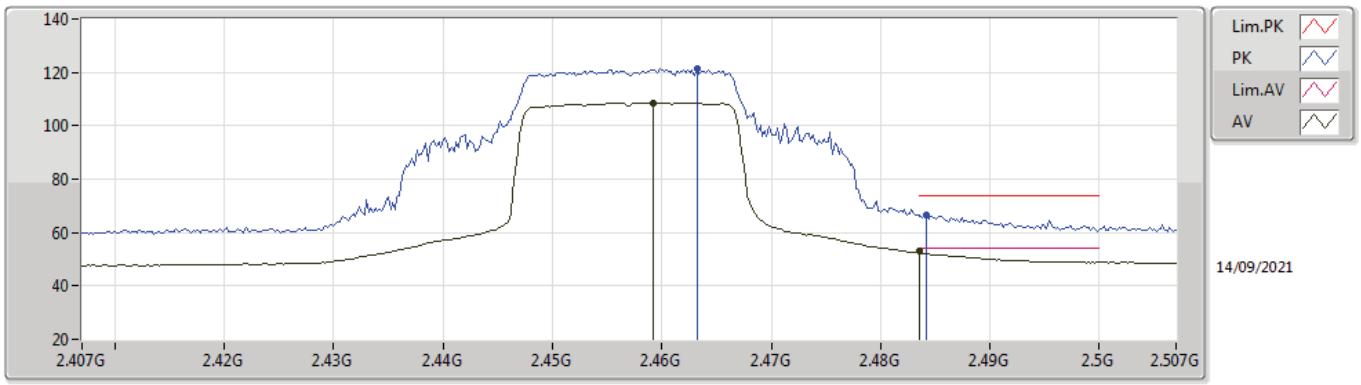
2437MHz_TX



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	4.87435G	32.32	54.00	-21.68	3.03	3	Horizontal	29	1.59	-	29.29	31.10	6.72	34.79
PK	4.87403G	46.99	74.00	-27.01	3.03	3	Horizontal	29	1.59	-	43.96	31.10	6.72	34.79

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

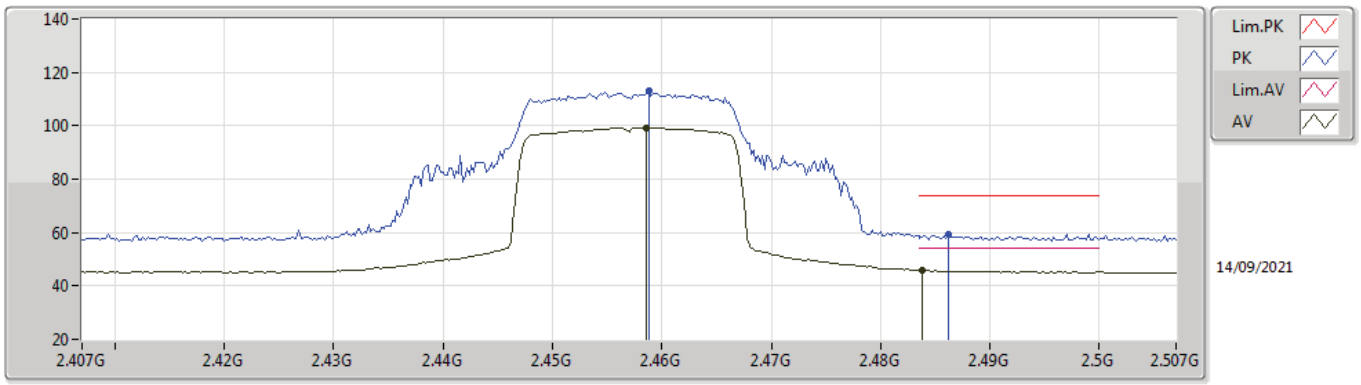
2457MHz_TX



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	2.4592G	108.68	Inf	-Inf	32.10	3	Vertical	224	1.49	-	76.58	27.50	4.60	-
AV	2.4835G	52.95	54.00	-1.05	32.11	3	Vertical	224	1.49	-	20.84	27.50	4.61	-
PK	2.4632G	121.46	Inf	-Inf	32.11	3	Vertical	224	1.49	-	89.35	27.50	4.61	-
PK	2.4842G	66.75	74.00	-7.25	32.11	3	Vertical	224	1.49	-	34.64	27.50	4.61	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

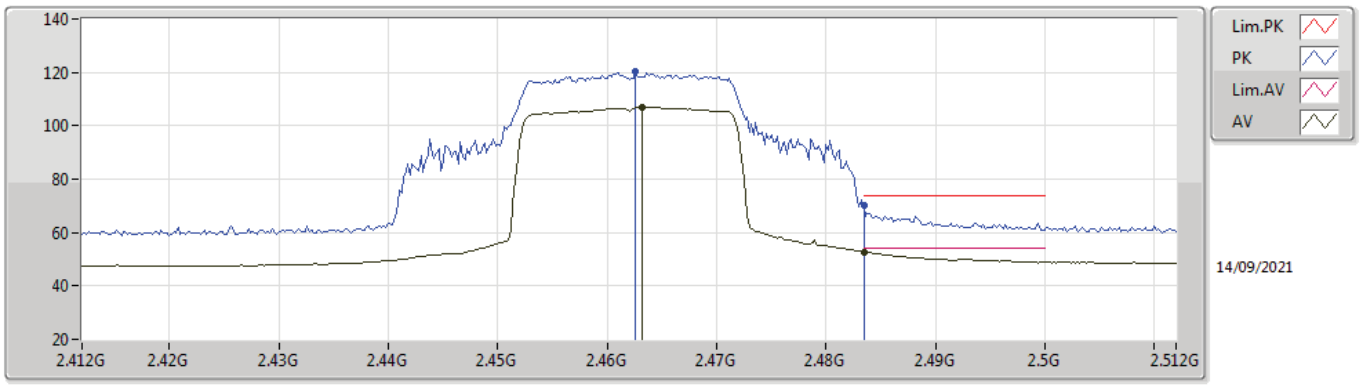
2457MHz_TX



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	2.4586G	99.28	Inf	-Inf	32.10	3	Horizontal	138	1.50	-	67.18	27.50	4.60	-
AV	2.4838G	45.97	54.00	-8.03	32.11	3	Horizontal	138	1.50	-	13.86	27.50	4.61	-
PK	2.4588G	112.89	Inf	-Inf	32.10	3	Horizontal	138	1.50	-	80.79	27.50	4.60	-
PK	2.4862G	59.38	74.00	-14.62	32.11	3	Horizontal	138	1.50	-	27.27	27.50	4.61	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

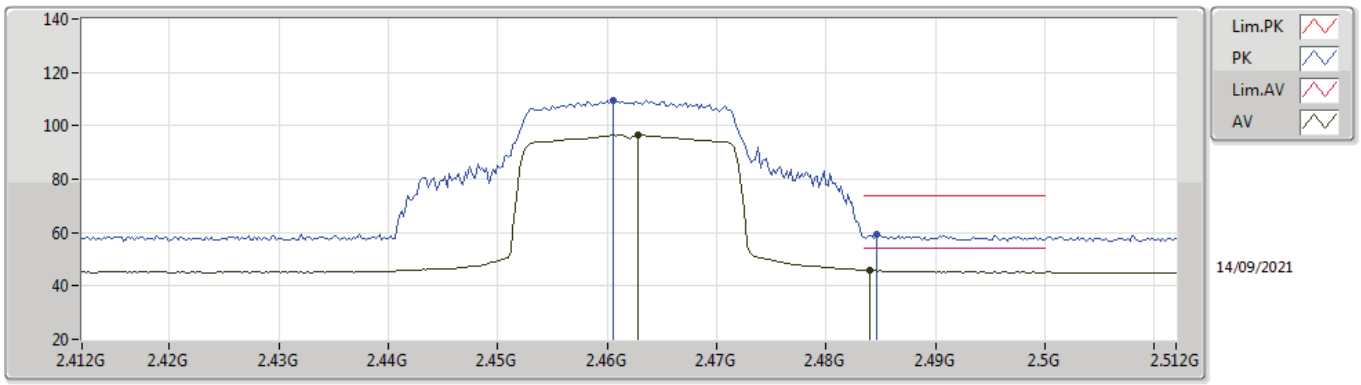
2462MHz_TX



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	2.4632G	107.07	Inf	-Inf	32.11	3	Vertical	139	1.82	-	74.96	27.50	4.61	-
AV	2.4835G	52.67	54.00	-1.33	32.11	3	Vertical	139	1.82	-	20.56	27.50	4.61	-
PK	2.4626G	120.23	Inf	-Inf	32.11	3	Vertical	139	1.82	-	88.12	27.50	4.61	-
PK	2.4835G	70.14	74.00	-3.86	32.11	3	Vertical	139	1.82	-	38.03	27.50	4.61	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

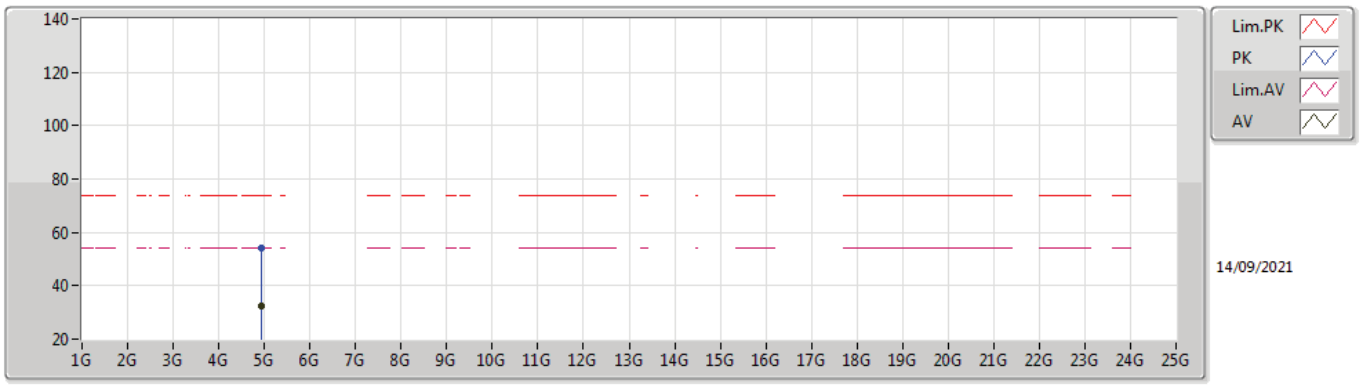
2462MHz_TX



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	2.4628G	96.54	Inf	-Inf	32.11	3	Horizontal	136	1.50	-	64.43	27.50	4.61	-
AV	2.484G	46.02	54.00	-7.98	32.11	3	Horizontal	136	1.50	-	13.91	27.50	4.61	-
PK	2.4606G	109.74	Inf	-Inf	32.10	3	Horizontal	136	1.50	-	77.64	27.50	4.60	-
PK	2.4846G	59.44	74.00	-14.56	32.11	3	Horizontal	136	1.50	-	27.33	27.50	4.61	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

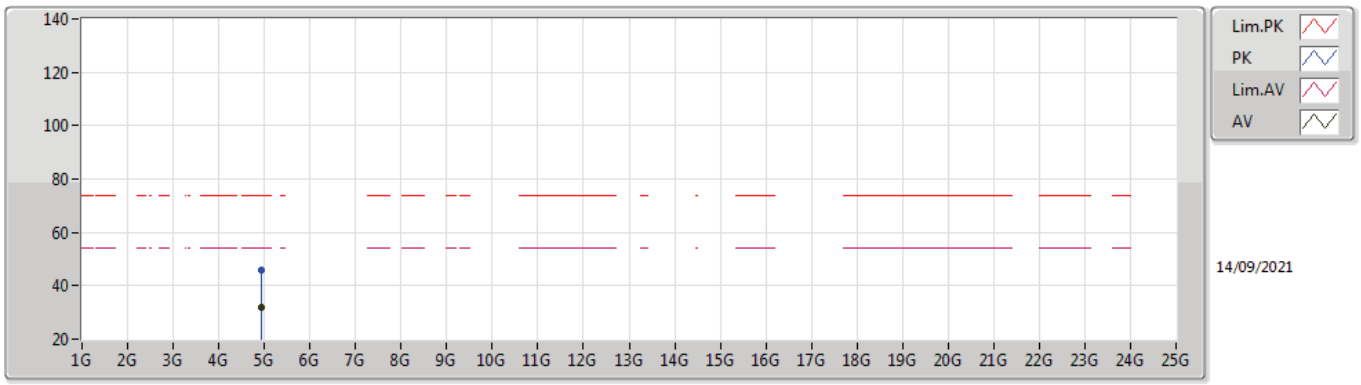
2462MHz_TX



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	4.92273G	32.50	54.00	-21.50	3.16	3	Vertical	228	1.02	-	29.34	31.19	6.75	34.78
PK	4.92476G	54.32	74.00	-19.68	3.17	3	Vertical	228	1.02	-	51.15	31.20	6.75	34.78

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

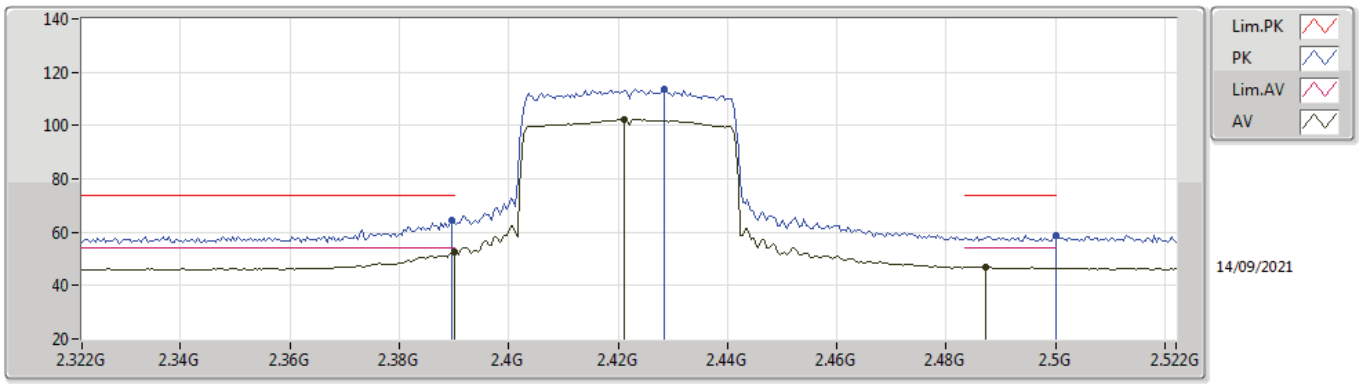
2462MHz_TX



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	4.92366G	31.90	54.00	-22.10	3.16	3	Horizontal	236	1.50	-	28.74	31.19	6.75	34.78
PK	4.92577G	46.00	74.00	-28.00	3.17	3	Horizontal	236	1.50	-	42.83	31.20	6.75	34.78

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

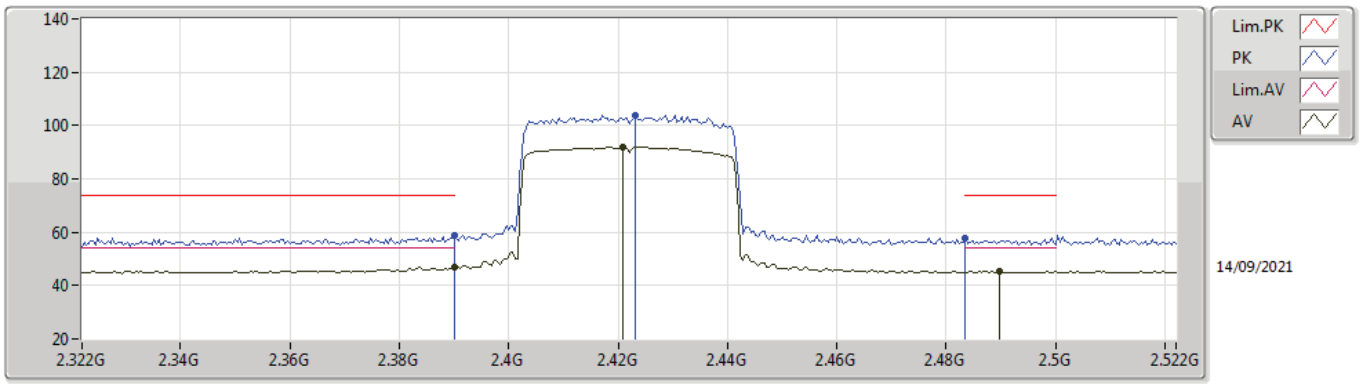
2422MHz_TX



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	52.35	54.00	-1.65	32.21	3	Vertical	130	1.50	-	20.14	27.64	4.57	-
AV	2.4212G	102.20	Inf	-Inf	32.15	3	Vertical	130	1.50	-	70.05	27.56	4.59	-
AV	2.4872G	46.88	54.00	-7.12	32.11	3	Vertical	130	1.50	-	14.77	27.50	4.61	-
PK	2.3896G	64.44	74.00	-9.56	32.21	3	Vertical	130	1.50	-	32.23	27.64	4.57	-
PK	2.4284G	113.85	Inf	-Inf	32.13	3	Vertical	130	1.50	-	81.72	27.54	4.59	-
PK	2.5G	58.69	74.00	-15.31	32.12	3	Vertical	130	1.50	-	26.57	27.50	4.62	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

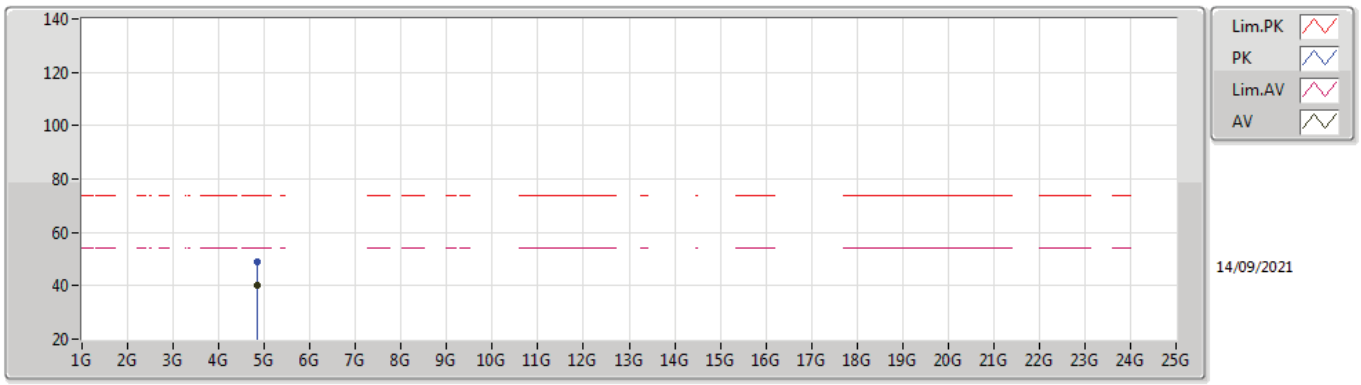
2422MHz_TX



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	46.96	54.00	-7.04	32.21	3	Horizontal	136	1.50	-	14.75	27.64	4.57	-
AV	2.4208G	92.10	Inf	-Inf	32.15	3	Horizontal	136	1.50	-	59.95	27.56	4.59	-
AV	2.4896G	45.22	54.00	-8.78	32.12	3	Horizontal	136	1.50	-	13.10	27.50	4.62	-
PK	2.39G	58.93	74.00	-15.07	32.21	3	Horizontal	136	1.50	-	26.72	27.64	4.57	-
PK	2.4232G	103.86	Inf	-Inf	32.14	3	Horizontal	136	1.50	-	71.72	27.55	4.59	-
PK	2.4835G	57.68	74.00	-16.32	32.11	3	Horizontal	136	1.50	-	25.57	27.50	4.61	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

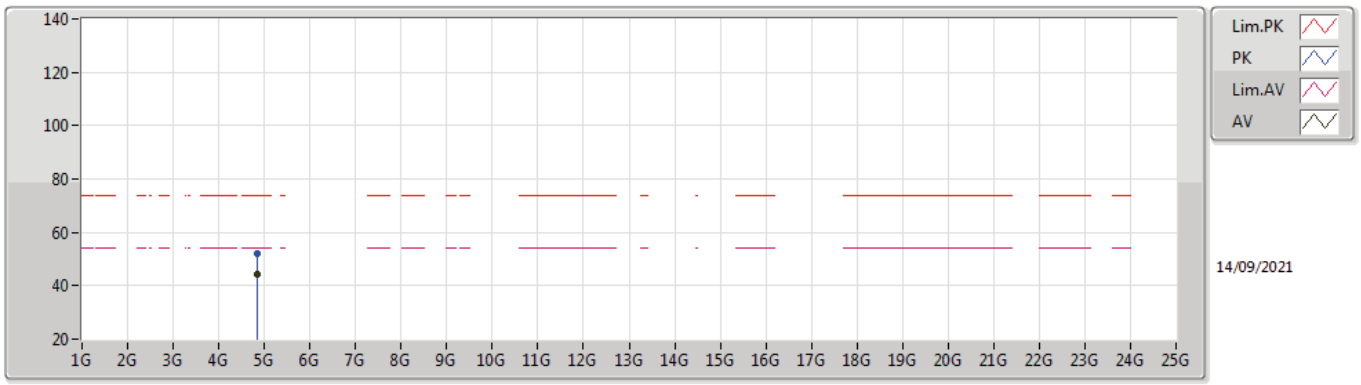
2422MHz_TX



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	4.8438G	39.97	54.00	-14.03	2.99	3	Vertical	248	2.18	-	36.98	31.10	6.69	34.80
PK	4.84387G	49.22	74.00	-24.78	2.99	3	Vertical	248	2.18	-	46.23	31.10	6.69	34.80

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

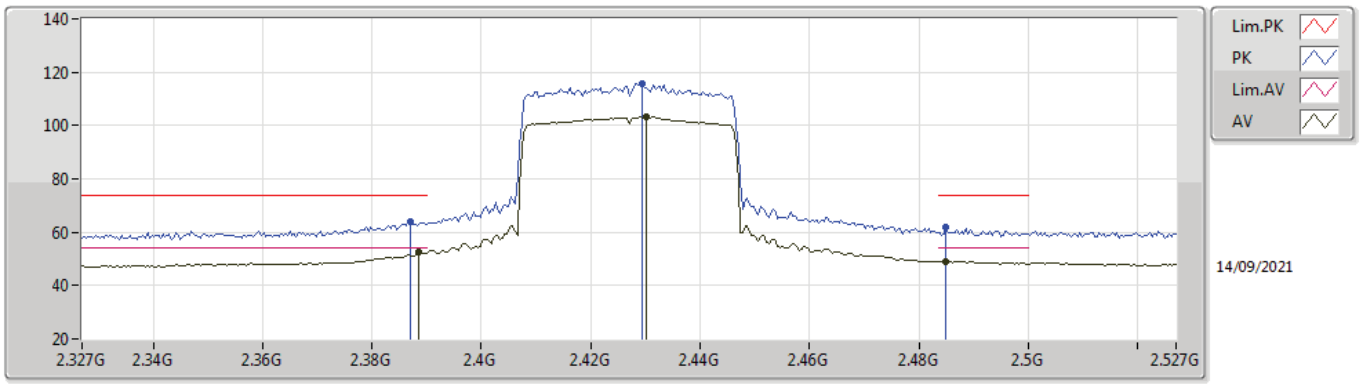
2422MHz_TX



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	4.84379G	44.56	54.00	-9.44	2.99	3	Horizontal	232	1.91	-	41.57	31.10	6.69	34.80
PK	4.84385G	51.83	74.00	-22.17	2.99	3	Horizontal	232	1.91	-	48.84	31.10	6.69	34.80

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

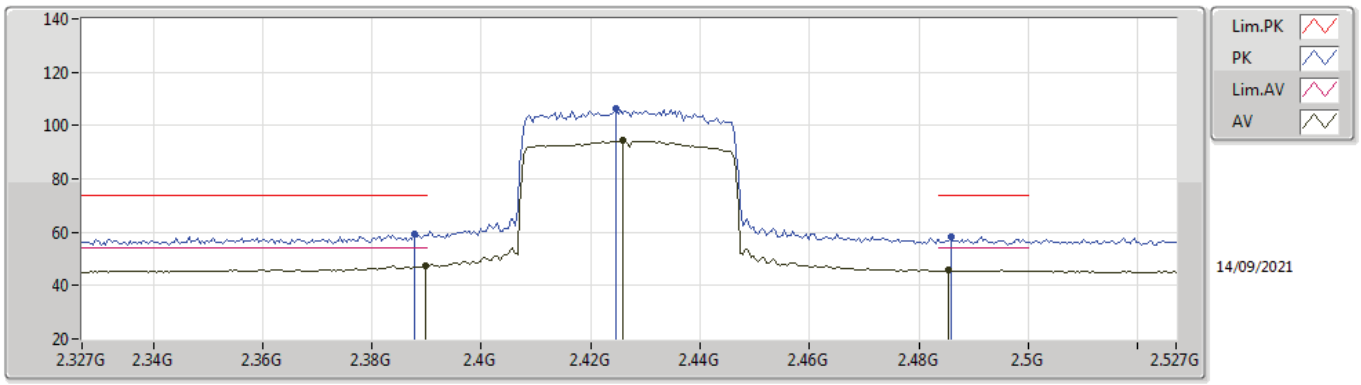
2427MHz_TX



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	52.50	54.00	-1.50	32.22	3	Vertical	138	1.50	-	20.28	27.65	4.57	-
AV	2.4302G	103.14	Inf	-Inf	32.13	3	Vertical	138	1.50	-	71.01	27.54	4.59	-
AV	2.485G	49.11	54.00	-4.89	32.11	3	Vertical	138	1.50	-	17.00	27.50	4.61	-
PK	2.387G	63.94	74.00	-10.06	32.22	3	Vertical	138	1.50	-	31.72	27.65	4.57	-
PK	2.4294G	115.64	Inf	-Inf	32.13	3	Vertical	138	1.50	-	83.51	27.54	4.59	-
PK	2.485G	62.05	74.00	-11.95	32.11	3	Vertical	138	1.50	-	29.94	27.50	4.61	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

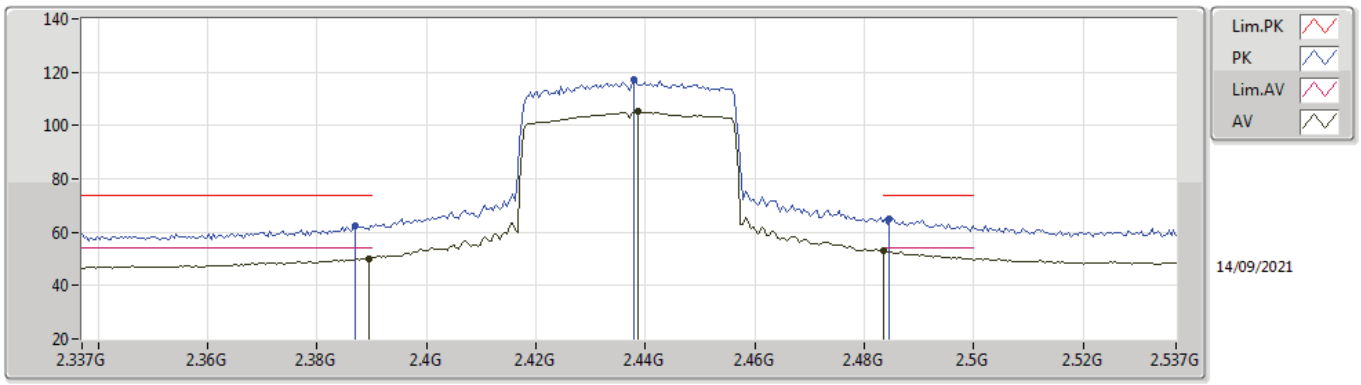
2427MHz_TX



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	47.33	54.00	-6.67	32.21	3	Horizontal	139	1.50	-	15.12	27.64	4.57	-
AV	2.4258G	94.23	Inf	-Inf	32.14	3	Horizontal	139	1.50	-	62.09	27.55	4.59	-
AV	2.4854G	45.71	54.00	-8.29	32.11	3	Horizontal	139	1.50	-	13.60	27.50	4.61	-
PK	2.3878G	59.51	74.00	-14.49	32.22	3	Horizontal	139	1.50	-	27.29	27.65	4.57	-
PK	2.4246G	106.46	Inf	-Inf	32.14	3	Horizontal	139	1.50	-	74.32	27.55	4.59	-
PK	2.4858G	58.24	74.00	-15.76	32.11	3	Horizontal	139	1.50	-	26.13	27.50	4.61	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

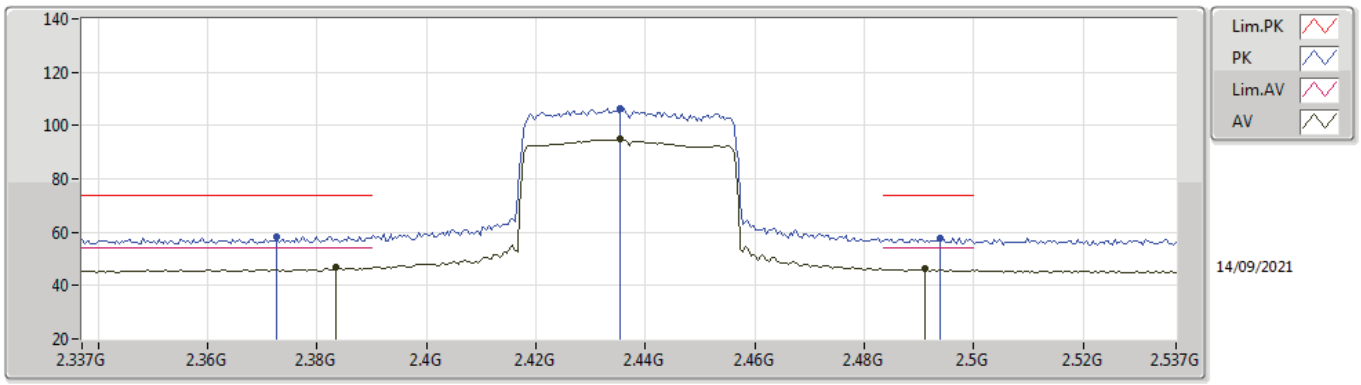
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	50.14	54.00	-3.86	32.21	3	Vertical	222	1.87	-	17.93	27.64	4.57	-
AV	2.4386G	105.13	Inf	-Inf	32.12	3	Vertical	222	1.87	-	73.01	27.52	4.60	-
AV	2.4835G	52.92	54.00	-1.08	32.11	3	Vertical	222	1.87	-	20.81	27.50	4.61	-
PK	2.387G	62.37	74.00	-11.63	32.22	3	Vertical	222	1.87	-	30.15	27.65	4.57	-
PK	2.4378G	117.11	Inf	-Inf	32.12	3	Vertical	222	1.87	-	84.99	27.52	4.60	-
PK	2.4846G	65.23	74.00	-8.77	32.11	3	Vertical	222	1.87	-	33.12	27.50	4.61	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

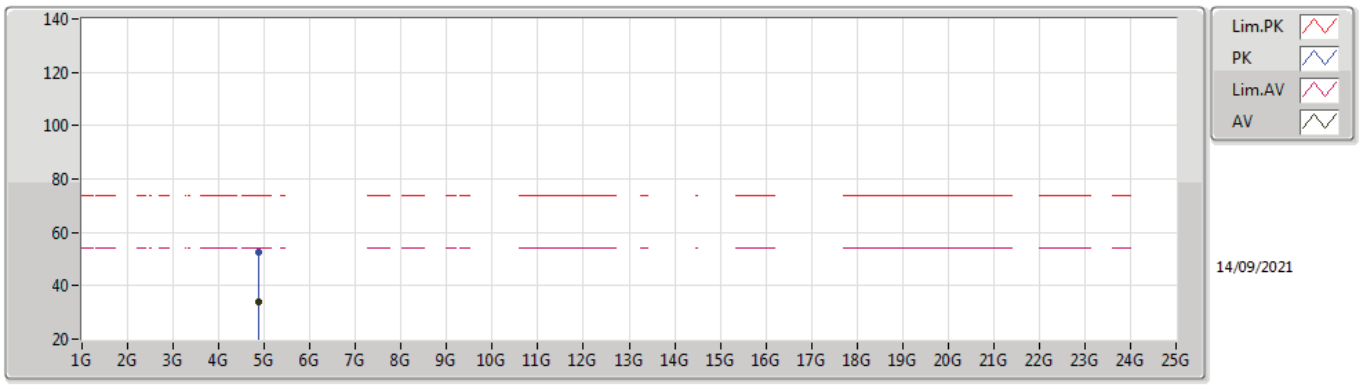
2437MHz_TX



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	47.01	54.00	-6.99	32.23	3	Horizontal	137	1.50	-	14.78	27.67	4.56	-
AV	2.4354G	94.79	Inf	-Inf	32.12	3	Horizontal	137	1.50	-	62.67	27.53	4.59	-
AV	2.491G	46.19	54.00	-7.81	32.12	3	Horizontal	137	1.50	-	14.07	27.50	4.62	-
PK	2.3726G	58.50	74.00	-15.50	32.26	3	Horizontal	137	1.50	-	26.24	27.71	4.55	-
PK	2.4354G	106.30	Inf	-Inf	32.12	3	Horizontal	137	1.50	-	74.18	27.53	4.59	-
PK	2.4938G	58.01	74.00	-15.99	32.12	3	Horizontal	137	1.50	-	25.89	27.50	4.62	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

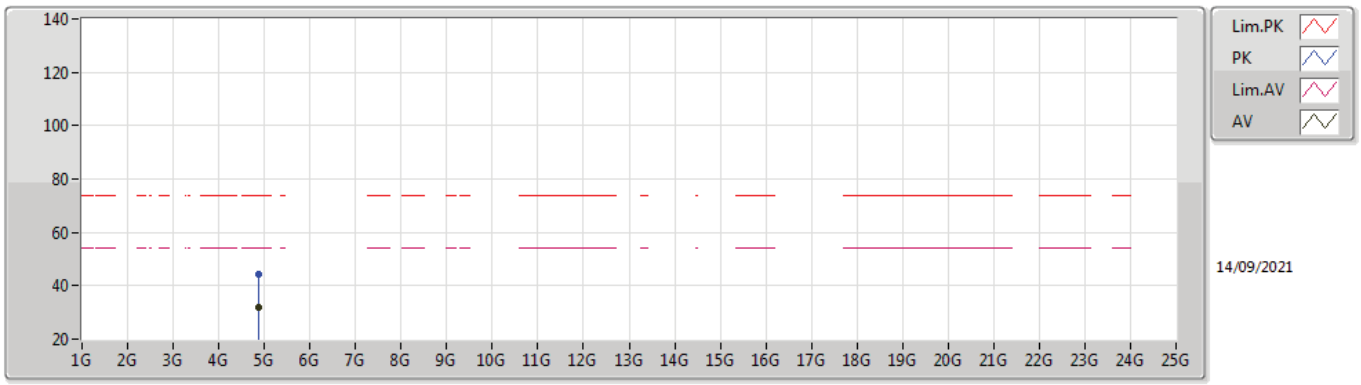
2437MHz_TX



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	4.87526G	33.96	54.00	-20.04	3.03	3	Vertical	174	1.00	-	30.93	31.10	6.72	34.79
PK	4.8745G	52.75	74.00	-21.25	3.03	3	Vertical	174	1.00	-	49.72	31.10	6.72	34.79

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

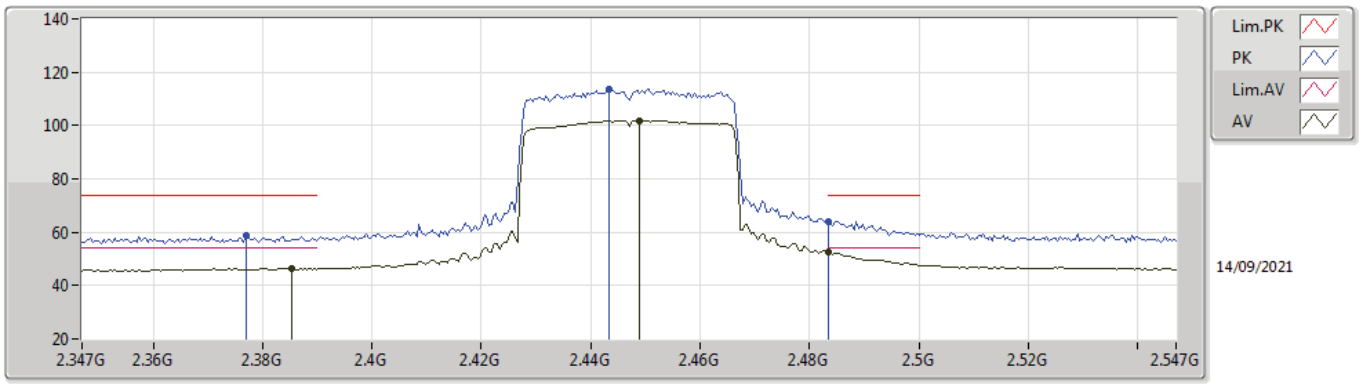
2437MHz_TX



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	4.8751G	31.92	54.00	-22.08	3.03	3	Horizontal	35	1.50	-	28.89	31.10	6.72	34.79
PK	4.87494G	44.45	74.00	-29.55	3.03	3	Horizontal	35	1.50	-	41.42	31.10	6.72	34.79

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

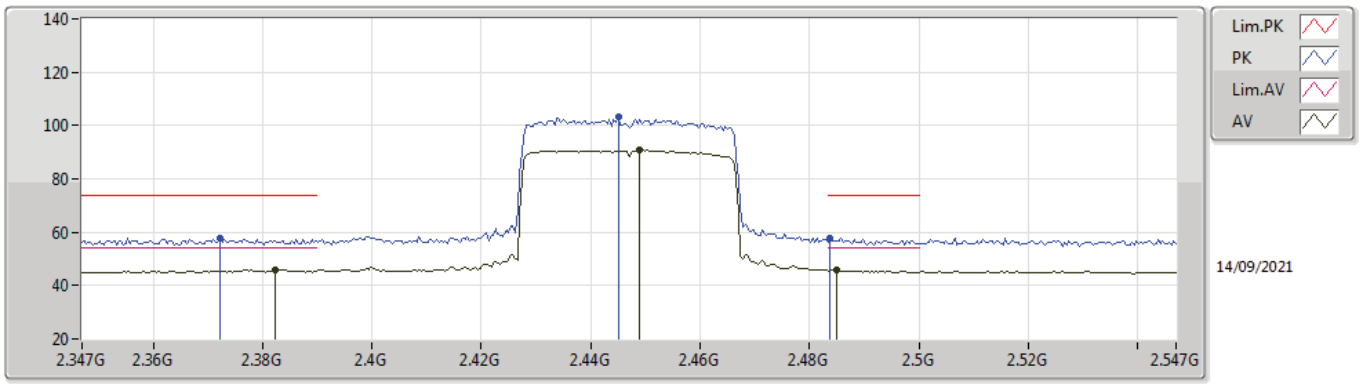
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3854G	46.32	54.00	-7.68	32.23	3	Vertical	224	1.93	-	14.09	27.66	4.57	-
AV	2.449G	101.91	Inf	-Inf	32.10	3	Vertical	224	1.93	-	69.81	27.50	4.60	-
AV	2.4835G	52.67	54.00	-1.33	32.11	3	Vertical	224	1.93	-	20.56	27.50	4.61	-
PK	2.377G	58.79	74.00	-15.21	32.25	3	Vertical	224	1.93	-	26.54	27.69	4.56	-
PK	2.4434G	113.77	Inf	-Inf	32.11	3	Vertical	224	1.93	-	81.66	27.51	4.60	-
PK	2.4835G	64.09	74.00	-9.91	32.11	3	Vertical	224	1.93	-	31.98	27.50	4.61	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

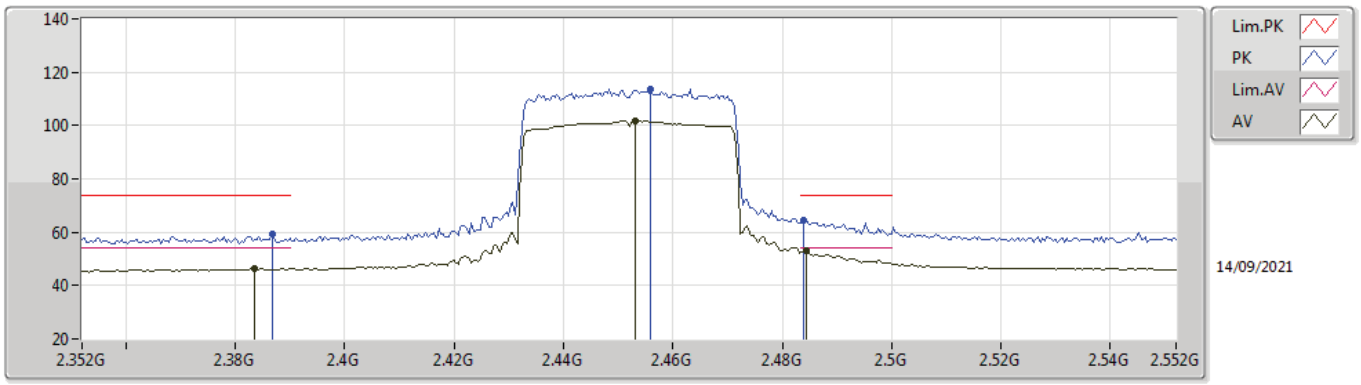
2447MHz_TX



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	2.3822G	45.92	54.00	-8.08	32.23	3	Horizontal	137	1.42	-	13.69	27.67	4.56	-
AV	2.449G	90.72	Inf	-Inf	32.10	3	Horizontal	137	1.42	-	58.62	27.50	4.60	-
AV	2.485G	45.78	54.00	-8.22	32.11	3	Horizontal	137	1.42	-	13.67	27.50	4.61	-
PK	2.3722G	57.62	74.00	-16.38	32.26	3	Horizontal	137	1.42	-	25.36	27.71	4.55	-
PK	2.445G	103.23	Inf	-Inf	32.11	3	Horizontal	137	1.42	-	71.12	27.51	4.60	-
PK	2.4838G	57.78	74.00	-16.22	32.11	3	Horizontal	137	1.42	-	25.67	27.50	4.61	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

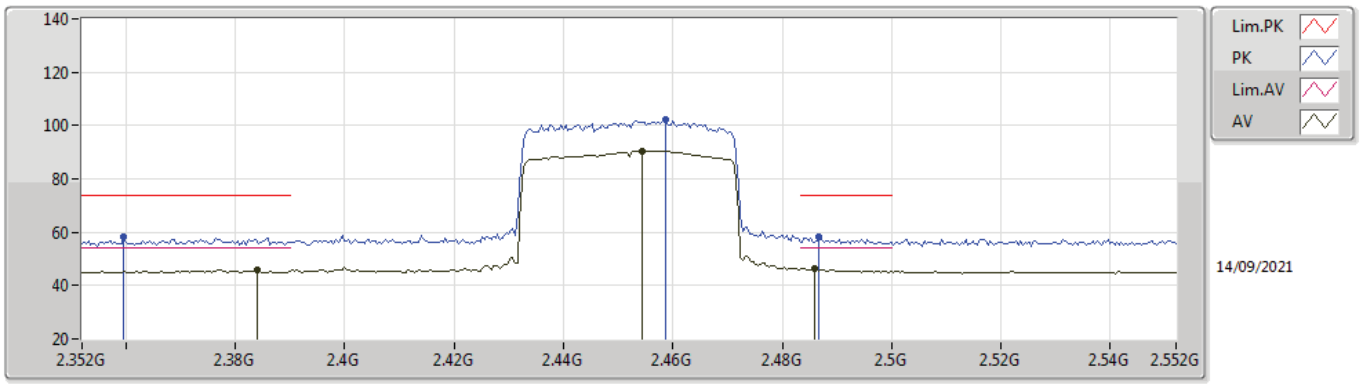
2452MHz_TX



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	2.3836G	46.53	54.00	-7.47	32.23	3	Vertical	225	1.69	-	14.30	27.67	4.56	-
AV	2.4532G	101.69	Inf	-Inf	32.10	3	Vertical	225	1.69	-	69.59	27.50	4.60	-
AV	2.4844G	52.96	54.00	-1.04	32.11	3	Vertical	225	1.69	-	20.85	27.50	4.61	-
PK	2.3868G	59.09	74.00	-14.91	32.22	3	Vertical	225	1.69	-	26.87	27.65	4.57	-
PK	2.456G	113.57	Inf	-Inf	32.10	3	Vertical	225	1.69	-	81.47	27.50	4.60	-
PK	2.484G	64.39	74.00	-9.61	32.11	3	Vertical	225	1.69	-	32.28	27.50	4.61	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

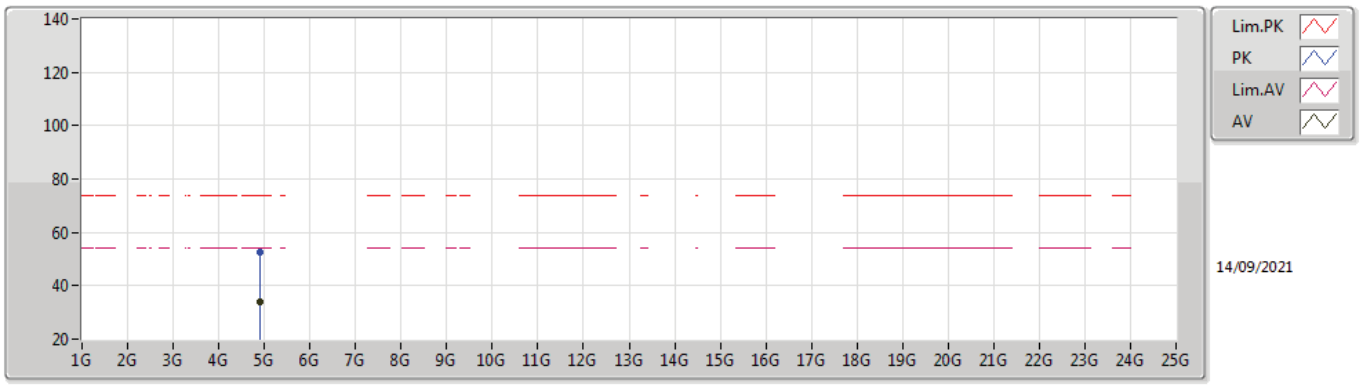
2452MHz_TX



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	2.384G	45.78	54.00	-8.22	32.22	3	Horizontal	136	1.93	-	13.56	27.66	4.56	-
AV	2.4544G	90.58	Inf	-Inf	32.10	3	Horizontal	136	1.93	-	58.48	27.50	4.60	-
AV	2.486G	46.23	54.00	-7.77	32.11	3	Horizontal	136	1.93	-	14.12	27.50	4.61	-
PK	2.3596G	58.08	74.00	-15.92	32.30	3	Horizontal	136	1.93	-	25.78	27.76	4.54	-
PK	2.4588G	102.40	Inf	-Inf	32.10	3	Horizontal	136	1.93	-	70.30	27.50	4.60	-
PK	2.4868G	58.40	74.00	-15.60	32.11	3	Horizontal	136	1.93	-	26.29	27.50	4.61	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

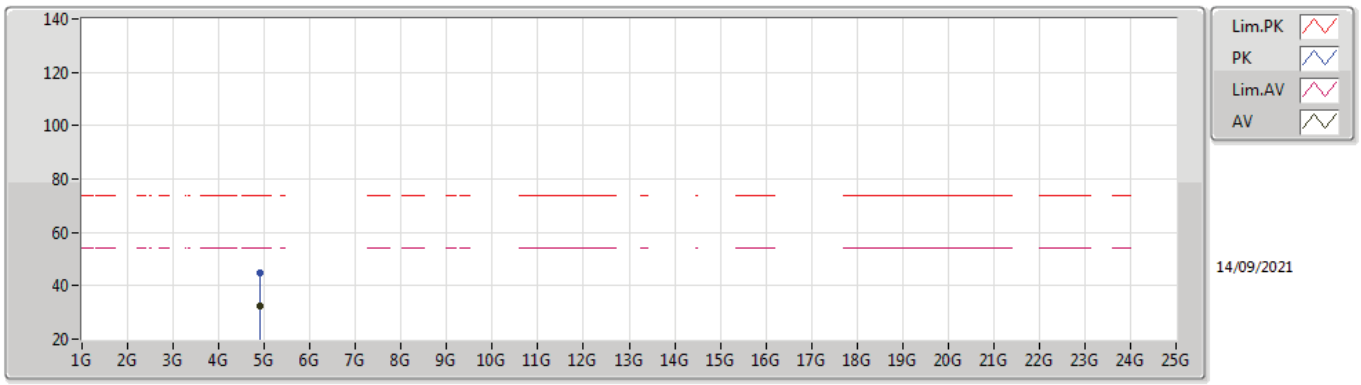
2452MHz_TX



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	4.90289G	33.83	54.00	-20.17	3.06	3	Vertical	14	1.00	-	30.77	31.11	6.74	34.79
PK	4.90483G	52.41	74.00	-21.59	3.08	3	Vertical	14	1.00	-	49.33	31.12	6.74	34.78

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

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	4.90268G	32.42	54.00	-21.58	3.06	3	Horizontal	194	1.50	-	29.36	31.11	6.74	34.79
PK	4.90187G	45.01	74.00	-28.99	3.06	3	Horizontal	194	1.50	-	41.95	31.11	6.74	34.79