FCC Radio Test Report

FCC ID	:	**2AAAS-CM06**
Equipment	:	**Vivint Doorbell Camera Pro (Gen 2)**
Brand Name	:	**Vivint**
Model Name	:	**CM06**
Applicant	:	**Vivint, Inc.** **4931 N. 300W., Provo, UT 84604 USA**
Manufacturer	:	**Chicony Electronics Co., Ltd** **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 Dec. 08, 2021, and testing was started from Jan. 03, 2022 and completed on Jan. 14, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR1D0744AC	01	Initial issue of report	Feb. 07, 2022

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

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

Reviewed by: Sam Tsai

Report Producer: Jenny Yang

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]

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

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Amphenol	CY5873-12-001-C	PIFA	I-PEX
2	Amphenol	CY5873-12-002-C	PIFA	I-PEX

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	0.72	2.33	0.72
2	2	0.69	2.56	-

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

For BT function:

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

Ant. 1 (port 1) can be used as transmitting/receiving.

For 5GHz function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter / Host system			
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

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.936	0.29	1.429m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.916	0.38	1.045m	1k

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

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Daniel Lin	20.5~21.4°C / 55~57%	12/Jan/2022
RF Conducted	TH07-HY	Alan Chien	21.1~25.9°C / 49~59%	11/Jan/2022~14/Jan/2022
Radiated (Mode 1)	03CH02-HY	Jack Tang	21.2~22.4°C / 51~56%	03/Jan/2022~06/Jan/2022
Radiated (Mode 2)	03CH02-HY	Jack Tang	20.3~21.5°C / 56~58%	06/Jan/2022~07/Jan/2022
☐ Wen 33rd.St. **(TAF:** 3785**)**	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

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

Test Software Version	DOS 6.1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	80
2437MHz	79
2457MHz	79
2462MHz	76
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	68
2417MHz	71
2437MHz	78
2457MHz	70
2462MHz	55
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	59
2417MHz	70
2437MHz	78
2457MHz	65
2462MHz	50

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
1	USB Mode, CTX
2	Adapter mode (Charging)

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			
1	USB Mode, CTX		
2	Adapter mode (Charging)		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT		V	

2.3 Support Equipment

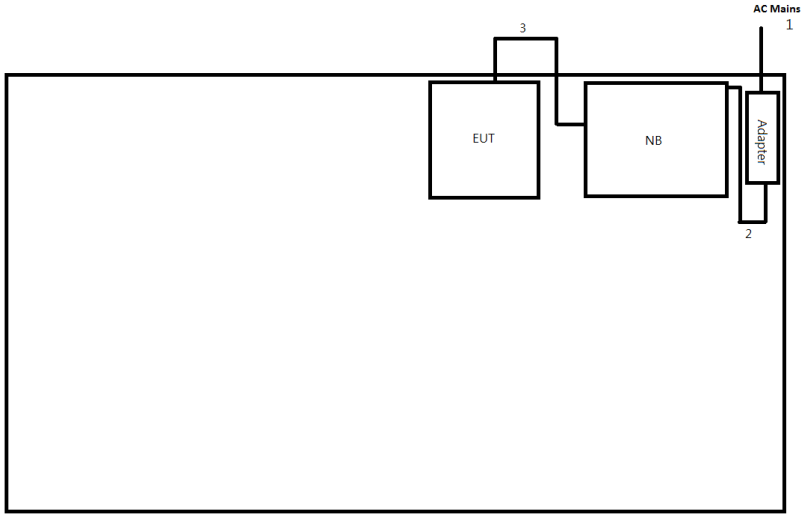
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	AC Adapter (for NB)	HP	PPP009D	-	-
2	AC Power cable	Power sync	PW-GPC180-3	-	-
3	Notebook	HP	E5220	-	-
4	USB cable	Hawk_04	HTE120	-	-
5	AC Adapter	Apple	A1385	-	-

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

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	AC Adapter (for NB)	HP	PPP009D	-	-
2	AC Power cable	Power sync	PW-GPC180-3	-	-
3	Notebook	HP	E5220	-	-
4	USB cable	Hawk_04	HTE120	-	-
5	AC Adapter	Apple	A1385	-	-

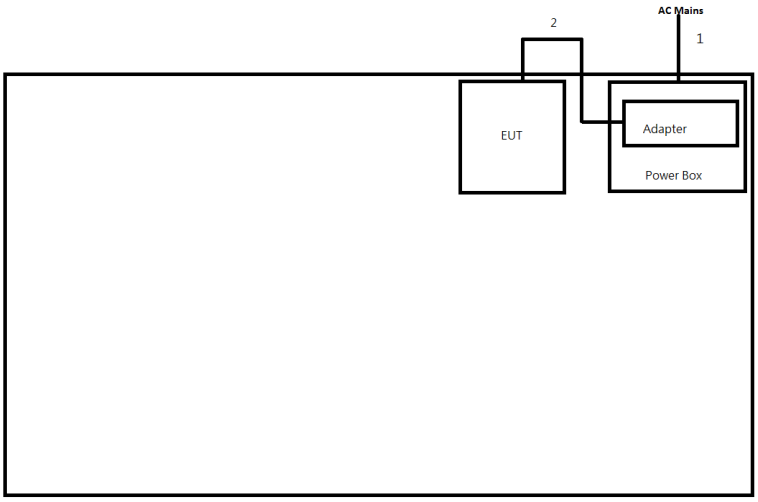
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test (Mode 1)



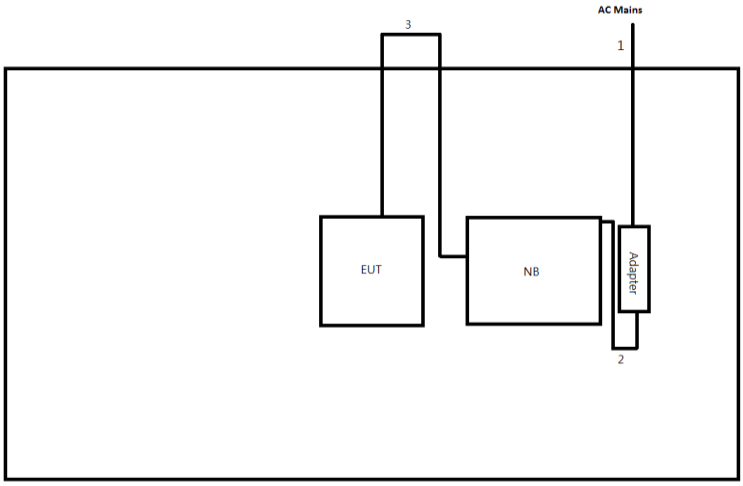
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	USB cable	No	1.0	-

Test Setup Diagram – AC Line Conducted Emission Test (Mode 2)



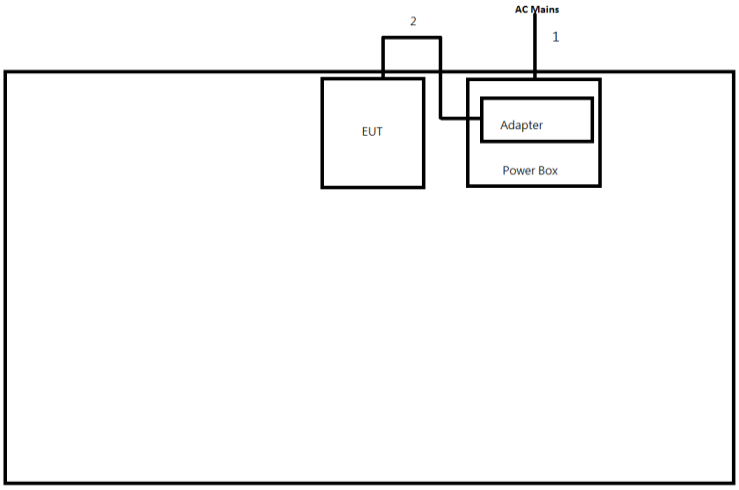
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	USB cable	No	1.0	-

Test Setup Diagram - Radiated Test (Mode 1)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	USB cable	No	1.0	-

Test Setup Diagram - Radiated Test (Mode 2)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	USB cable	No	1.0	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

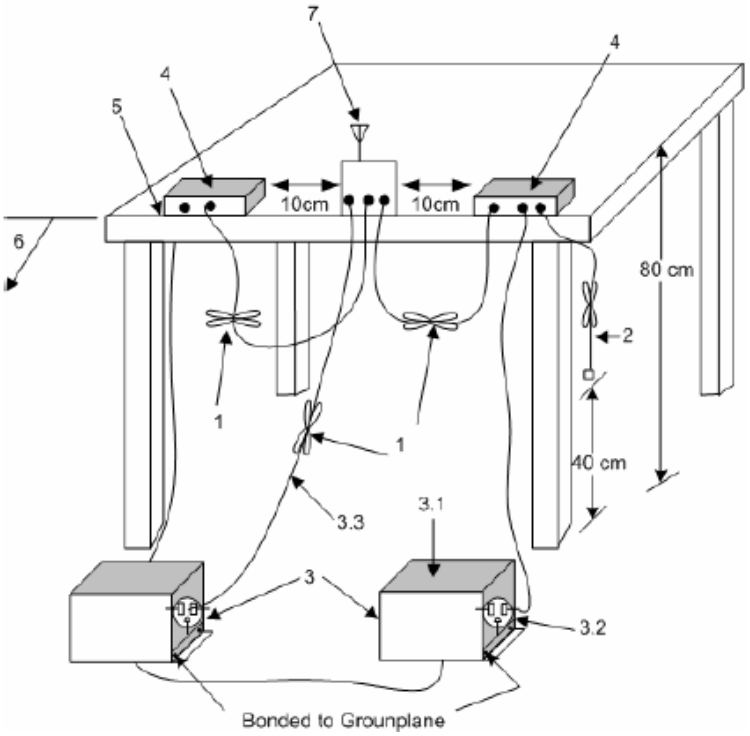
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

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

3.1.5 Test Setup

AC Power-line Conducted Emissions



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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

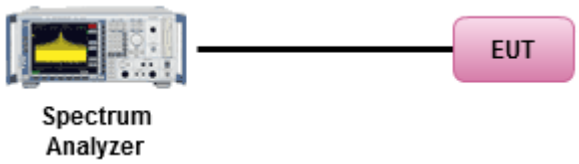
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

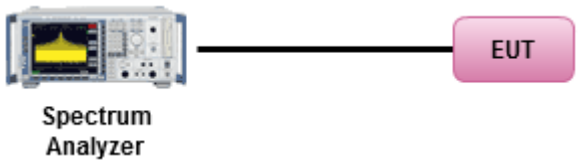
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

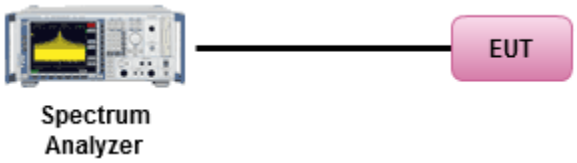
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

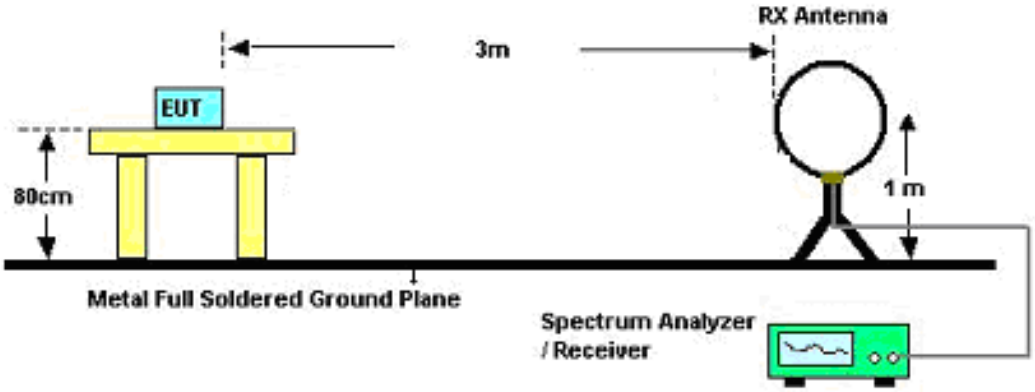
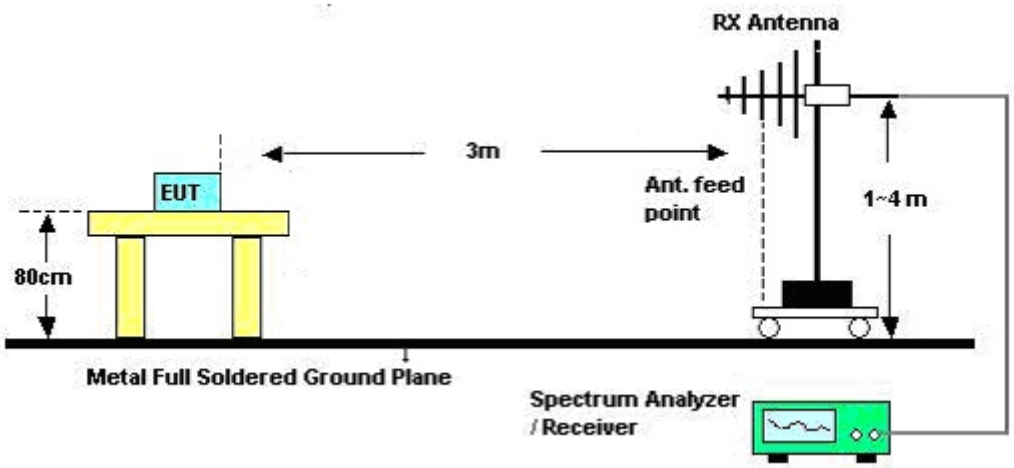
3.6.3 Test Procedures

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

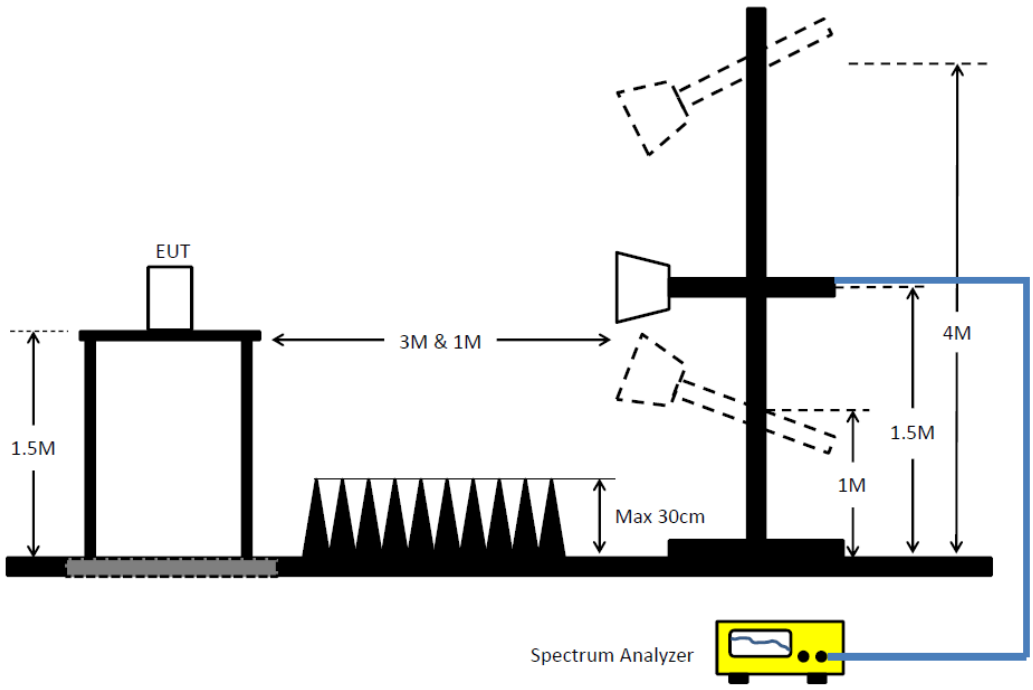
3.6.4 Measurement Results Calculation

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

3.6.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
Two-Line V-Network	R&S	ENV216	100003	9kHz ~ 30MHz	23/Dec/2021	22/Dec/2022
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9kHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.7	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	26/Mar/2021	25/Mar/2022
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2021	16/Dec/2022
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	20/Dec/2021	19/Dec/2022
SENSE-15247-DTS	Sporton	V5.10.7.13	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Mode 1)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	02/Aug/2021	01/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	04/Jun/2021	03/Jun/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+ SUHNER	SUCOFLEX104	805193/4+805192 /4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~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
SENSE-15247_ DTS	Sporton	V5.10.7.13	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Mode 2)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	02/Aug/2021	01/Aug/2022
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/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
SENSE-EMI	Sporton	V5.10.7.14	N/A	N/A	N/A	N/A

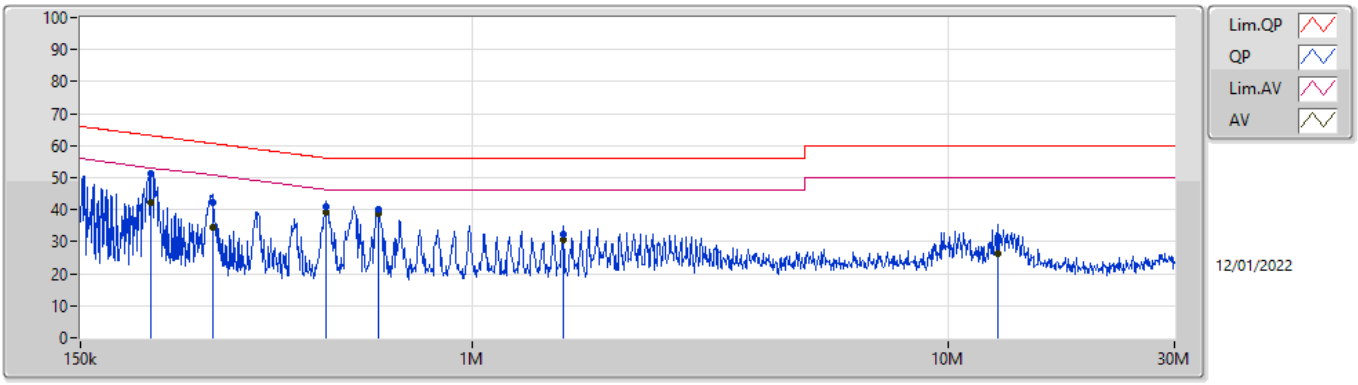
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	492.876k	39.09	46.11	-7.02	Line

Result

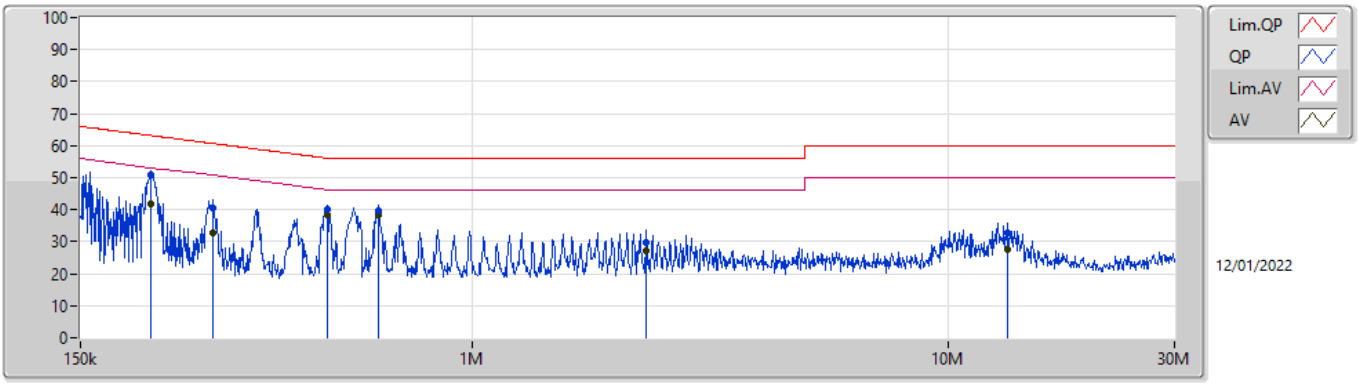
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	211.442k	51.29	63.15	-11.86	Line	-
Mode 1	Pass	AV	211.442k	42.24	53.15	-10.91	Line	-
Mode 1	Pass	QP	284.109k	42.16	60.70	-18.54	Line	-
Mode 1	Pass	AV	284.109k	34.48	50.70	-16.22	Line	-
Mode 1	Pass	QP	492.876k	40.85	56.11	-15.26	Line	-
Mode 1	Pass	AV	492.876k	39.09	46.11	-7.02	Line	-
Mode 1	Pass	QP	633.814k	40.15	56.00	-15.85	Line	-
Mode 1	Pass	AV	633.814k	38.75	46.00	-7.25	Line	-
Mode 1	Pass	QP	1.55M	32.33	56.00	-23.67	Line	-
Mode 1	Pass	AV	1.55M	30.81	46.00	-15.19	Line	-
Mode 1	Pass	QP	12.756M	31.58	60.00	-28.42	Line	-
Mode 1	Pass	AV	12.756M	26.46	50.00	-23.54	Line	-
Mode 1	Pass	QP	210.599k	51.04	63.19	-12.15	Neutral	-
Mode 1	Pass	AV	210.599k	41.79	53.19	-11.40	Neutral	-
Mode 1	Pass	QP	285.246k	40.67	60.67	-20.00	Neutral	-
Mode 1	Pass	AV	285.246k	32.60	50.67	-18.07	Neutral	-
Mode 1	Pass	QP	494.848k	40.16	56.10	-15.94	Neutral	-
Mode 1	Pass	AV	494.848k	38.36	46.10	-7.74	Neutral	-
Mode 1	Pass	QP	633.814k	39.84	56.00	-16.16	Neutral	-
Mode 1	Pass	AV	633.814k	38.35	46.00	-7.65	Neutral	-
Mode 1	Pass	QP	2.329M	29.61	56.00	-26.39	Neutral	-
Mode 1	Pass	AV	2.329M	27.16	46.00	-18.84	Neutral	-
Mode 1	Pass	QP	13.329M	32.71	60.00	-27.29	Neutral	-
Mode 1	Pass	AV	13.329M	27.73	50.00	-22.27	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	211.442k	51.29	63.15	-11.86	19.56	Line	-	31.73	9.61	0.04	9.91
AV	211.442k	42.24	53.15	-10.91	19.56	Line	-	22.68	9.61	0.04	9.91
QP	284.109k	42.16	60.70	-18.54	19.56	Line	-	22.60	9.60	0.05	9.91
AV	284.109k	34.48	50.70	-16.22	19.56	Line	-	14.92	9.60	0.05	9.91
QP	492.876k	40.85	56.11	-15.26	19.57	Line	-	21.28	9.60	0.06	9.91
AV	492.876k	39.09	46.11	-7.02	19.57	Line	-	19.52	9.60	0.06	9.91
QP	633.814k	40.15	56.00	-15.85	19.60	Line	-	20.55	9.61	0.07	9.92
AV	633.814k	38.75	46.00	-7.25	19.60	Line	-	19.15	9.61	0.07	9.92
QP	1.55M	32.33	56.00	-23.67	19.63	Line	-	12.70	9.62	0.09	9.92
AV	1.55M	30.81	46.00	-15.19	19.63	Line	-	11.18	9.62	0.09	9.92
QP	12.756M	31.58	60.00	-28.42	19.90	Line	-	11.68	9.74	0.23	9.93
AV	12.756M	26.46	50.00	-23.54	19.90	Line	-	6.56	9.74	0.23	9.93

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	210.599k	51.04	63.19	-12.15	19.55	Neutral	-	31.49	9.60	0.04	9.91
AV	210.599k	41.79	53.19	-11.40	19.55	Neutral	-	22.24	9.60	0.04	9.91
QP	285.246k	40.67	60.67	-20.00	19.56	Neutral	-	21.11	9.60	0.05	9.91
AV	285.246k	32.60	50.67	-18.07	19.56	Neutral	-	13.04	9.60	0.05	9.91
QP	494.848k	40.16	56.10	-15.94	19.57	Neutral	-	20.59	9.60	0.06	9.91
AV	494.848k	38.36	46.10	-7.74	19.57	Neutral	-	18.79	9.60	0.06	9.91
QP	633.814k	39.84	56.00	-16.16	19.60	Neutral	-	20.24	9.61	0.07	9.92
AV	633.814k	38.35	46.00	-7.65	19.60	Neutral	-	18.75	9.61	0.07	9.92
QP	2.329M	29.61	56.00	-26.39	19.66	Neutral	-	9.95	9.63	0.11	9.92
AV	2.329M	27.16	46.00	-18.84	19.66	Neutral	-	7.50	9.63	0.11	9.92
QP	13.329M	32.71	60.00	-27.29	19.98	Neutral	-	12.73	9.81	0.24	9.93
AV	13.329M	27.73	50.00	-22.27	19.98	Neutral	-	7.75	9.81	0.24	9.93

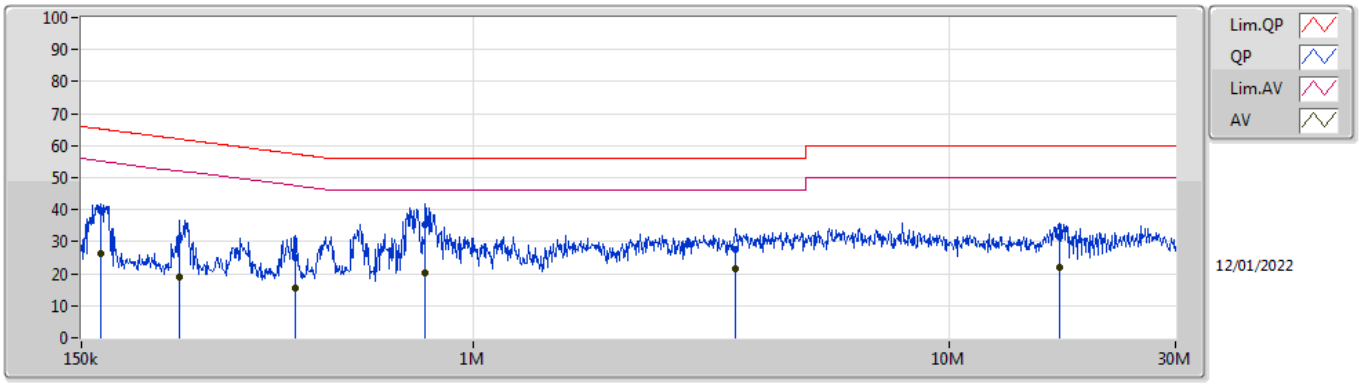
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	QP	792.592k	35.40	56.00	-20.60	Line

Result

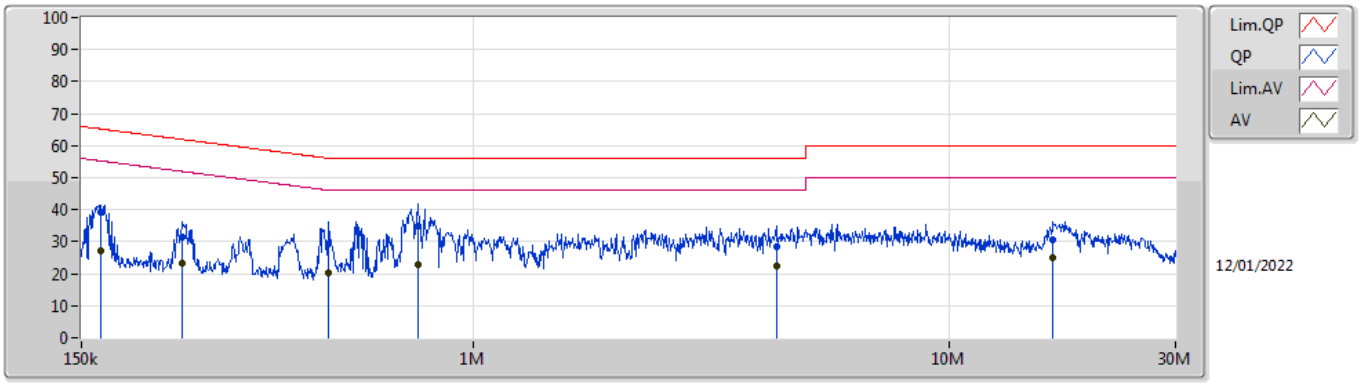
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 2	Pass	QP	164.425k	39.46	65.24	-25.78	Line	-
Mode 2	Pass	AV	164.425k	26.37	55.24	-28.87	Line	-
Mode 2	Pass	QP	240.253k	31.25	62.08	-30.83	Line	-
Mode 2	Pass	AV	240.253k	19.00	52.08	-33.08	Line	-
Mode 2	Pass	QP	421.816k	24.96	57.41	-32.45	Line	-
Mode 2	Pass	AV	421.816k	15.32	47.41	-32.09	Line	-
Mode 2	Pass	QP	792.592k	35.40	56.00	-20.60	Line	-
Mode 2	Pass	AV	792.592k	20.08	46.00	-25.92	Line	-
Mode 2	Pass	QP	3.57M	27.41	56.00	-28.59	Line	-
Mode 2	Pass	AV	3.57M	21.36	46.00	-24.64	Line	-
Mode 2	Pass	QP	17.14M	31.35	60.00	-28.65	Line	-
Mode 2	Pass	AV	17.14M	21.78	50.00	-28.22	Line	-
Mode 2	Pass	QP	165.082k	39.12	65.20	-26.08	Neutral	-
Mode 2	Pass	AV	165.082k	27.08	55.20	-28.12	Neutral	-
Mode 2	Pass	QP	245.097k	31.49	61.93	-30.44	Neutral	-
Mode 2	Pass	AV	245.097k	23.21	51.93	-28.72	Neutral	-
Mode 2	Pass	QP	496.827k	29.51	56.06	-26.55	Neutral	-
Mode 2	Pass	AV	496.827k	20.31	46.06	-25.75	Neutral	-
Mode 2	Pass	QP	764.621k	34.79	56.00	-21.21	Neutral	-
Mode 2	Pass	AV	764.621k	22.78	46.00	-23.22	Neutral	-
Mode 2	Pass	QP	4.341M	28.60	56.00	-27.40	Neutral	-
Mode 2	Pass	AV	4.341M	22.37	46.00	-23.63	Neutral	-
Mode 2	Pass	QP	16.601M	30.46	60.00	-29.54	Neutral	-
Mode 2	Pass	AV	16.601M	25.14	50.00	-24.86	Neutral	-

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	164.425k	39.46	65.24	-25.78	19.56	Line	-	19.90	9.61	0.04	9.91
AV	164.425k	26.37	55.24	-28.87	19.56	Line	-	6.81	9.61	0.04	9.91
QP	240.253k	31.25	62.08	-30.83	19.57	Line	-	11.68	9.61	0.05	9.91
AV	240.253k	19.00	52.08	-33.08	19.57	Line	-	-0.57	9.61	0.05	9.91
QP	421.816k	24.96	57.41	-32.45	19.57	Line	-	5.39	9.60	0.06	9.91
AV	421.816k	15.32	47.41	-32.09	19.57	Line	-	-4.25	9.60	0.06	9.91
QP	792.592k	35.40	56.00	-20.60	19.60	Line	-	15.80	9.61	0.07	9.92
AV	792.592k	20.08	46.00	-25.92	19.60	Line	-	0.48	9.61	0.07	9.92
QP	3.57M	27.41	56.00	-28.59	19.69	Line	-	7.72	9.64	0.13	9.92
AV	3.57M	21.36	46.00	-24.64	19.69	Line	-	1.67	9.64	0.13	9.92
QP	17.14M	31.35	60.00	-28.65	19.93	Line	-	11.42	9.73	0.27	9.93
AV	17.14M	21.78	50.00	-28.22	19.93	Line	-	1.85	9.73	0.27	9.93

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	165.082k	39.12	65.20	-26.08	19.55	Neutral	-	19.57	9.60	0.04	9.91
AV	165.082k	27.08	55.20	-28.12	19.55	Neutral	-	7.53	9.60	0.04	9.91
QP	245.097k	31.49	61.93	-30.44	19.56	Neutral	-	11.93	9.60	0.05	9.91
AV	245.097k	23.21	51.93	-28.72	19.56	Neutral	-	3.65	9.60	0.05	9.91
QP	496.827k	29.51	56.06	-26.55	19.57	Neutral	-	9.94	9.60	0.06	9.91
AV	496.827k	20.31	46.06	-25.75	19.57	Neutral	-	0.74	9.60	0.06	9.91
QP	764.621k	34.79	56.00	-21.21	19.60	Neutral	-	15.19	9.61	0.07	9.92
AV	764.621k	22.78	46.00	-23.22	19.60	Neutral	-	3.18	9.61	0.07	9.92
QP	4.341M	28.60	56.00	-27.40	19.73	Neutral	-	8.87	9.66	0.15	9.92
AV	4.341M	22.37	46.00	-23.63	19.73	Neutral	-	2.64	9.66	0.15	9.92
QP	16.601M	30.46	60.00	-29.54	20.04	Neutral	-	10.42	9.84	0.27	9.93
AV	16.601M	25.14	50.00	-24.86	20.04	Neutral	-	5.10	9.84	0.27	9.93

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.55M	11.894M	11M9G1D	6.55M	11.019M
802.11g_Nss1,(6Mbps)_2TX	16.325M	20.165M	20M2D1D	15.675M	16.492M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.625M	19.515M	19M5D1D	16.15M	18.766M

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

Result

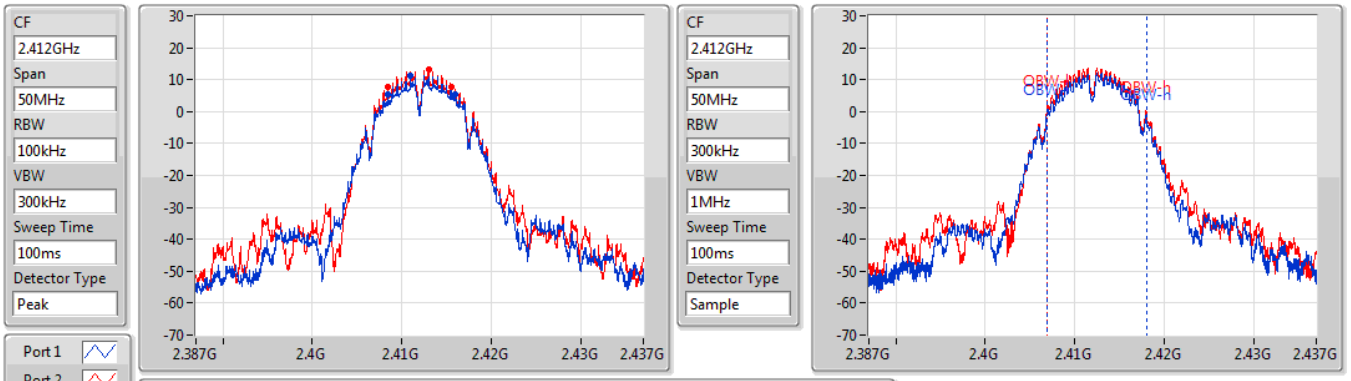
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.55M	11.144M	7.05M	11.094M
2437MHz	Pass	500k	7.075M	11.894M	7.05M	11.819M
2462MHz	Pass	500k	6.55M	11.019M	7.55M	11.144M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.7M	16.592M	15.675M	16.492M
2437MHz	Pass	500k	16.325M	20.165M	16.325M	19.24M
2462MHz	Pass	500k	15.9M	16.517M	16.3M	16.517M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.025M	18.841M	16.925M	18.791M
2437MHz	Pass	500k	18.625M	19.515M	18.35M	19.44M
2462MHz	Pass	500k	16.975M	18.766M	16.15M	18.816M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

11/01/2022

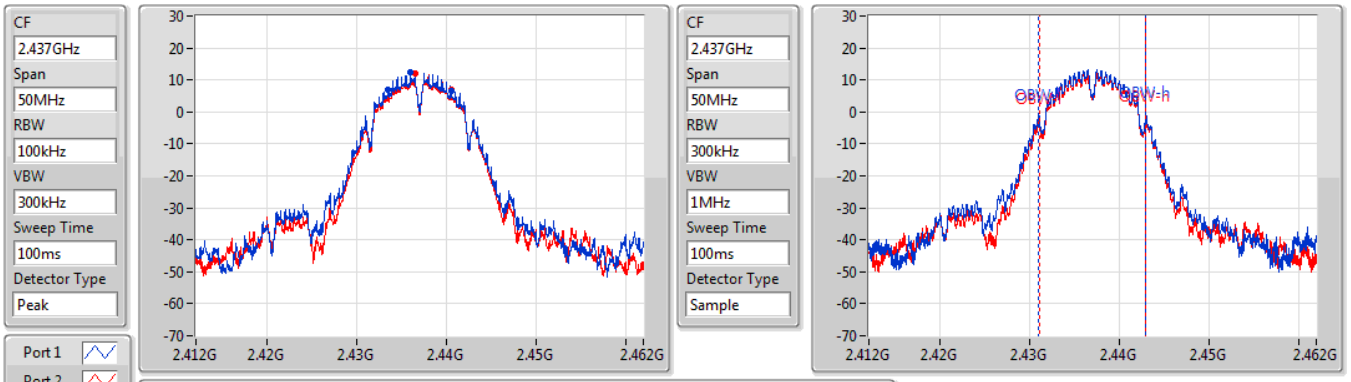


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.55M	2.408475G	2.416025G	11.144M	2.406853G	2.417997G	500k	1
7.05M	2.408475G	2.415525G	11.094M	2.406903G	2.417997G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

11/01/2022

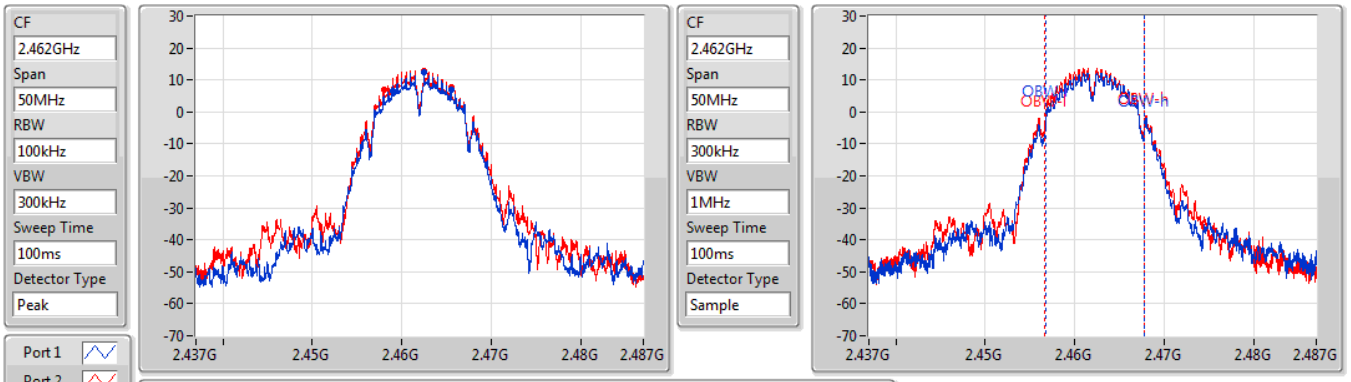


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.43345G	2.440525G	11.894M	2.431003G	2.442897G	500k	1
7.05M	2.433475G	2.440525G	11.819M	2.431103G	2.442922G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

11/01/2022

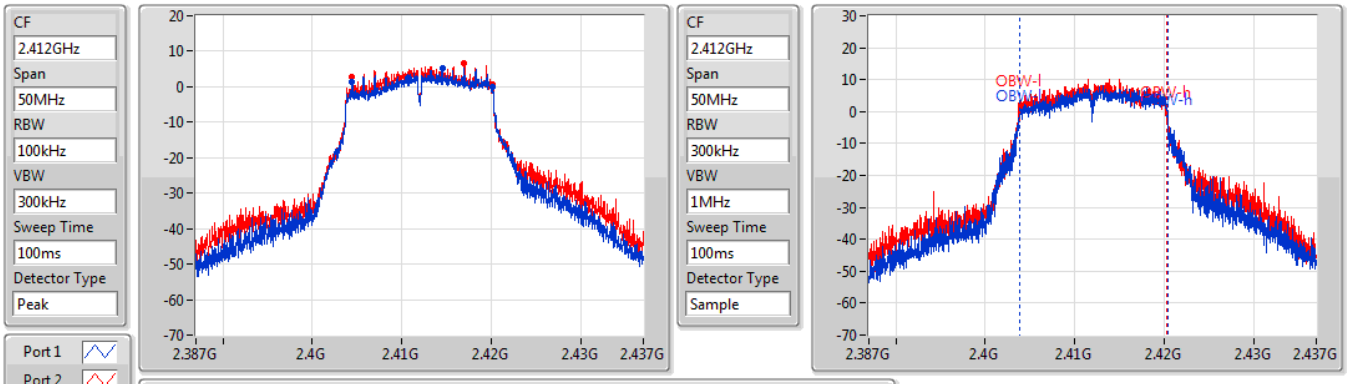


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.55M	2.45895G	2.4655G	11.019M	2.456828G	2.467847G	500k	1
7.55M	2.457975G	2.465525G	11.144M	2.456678G	2.467822G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

11/01/2022

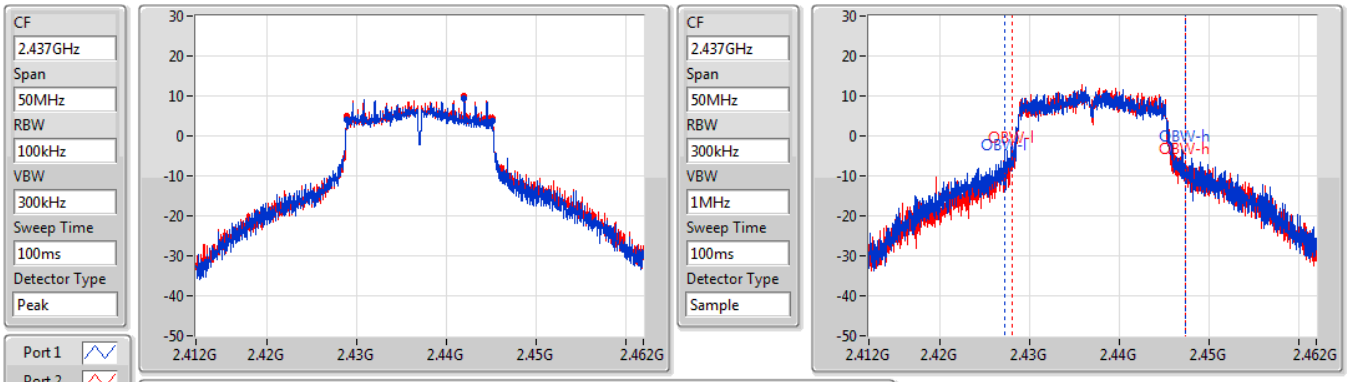


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.7M	2.404475G	2.420175G	16.592M	2.403804G	2.420396G	500k	1
15.675M	2.404475G	2.42015G	16.492M	2.403804G	2.420296G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

11/01/2022

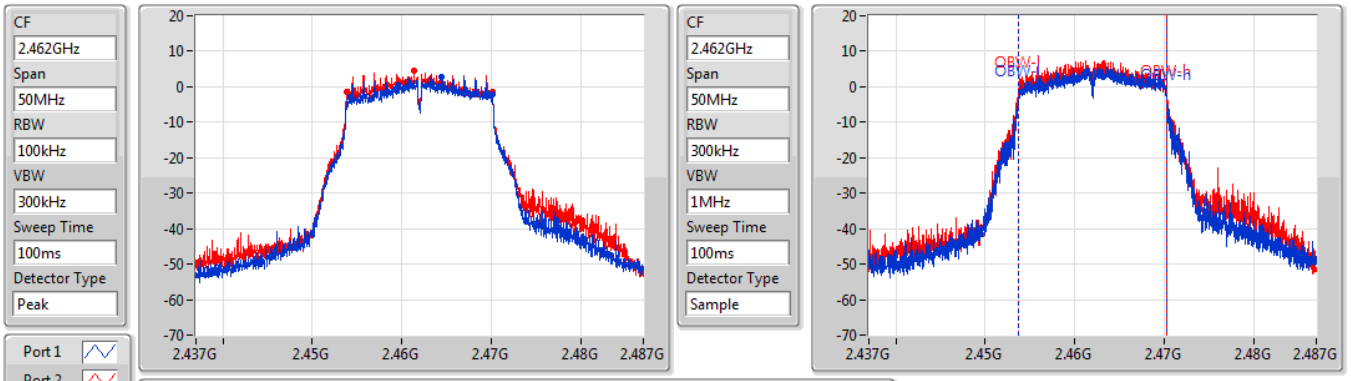


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	20.165M	2.427205G	2.44737G	500k	1
16.325M	2.42885G	2.445175G	19.24M	2.428079G	2.44732G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

11/01/2022

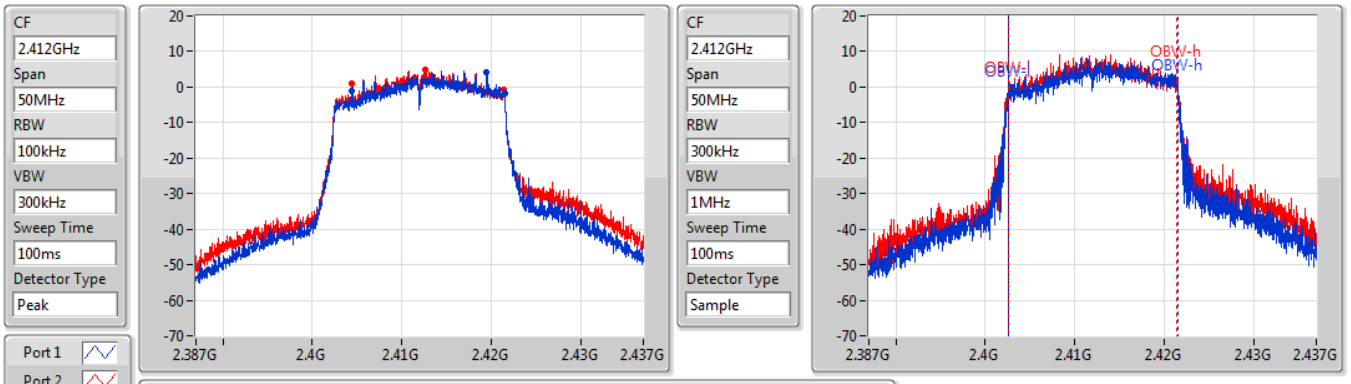


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	2.45425G	2.47015G	16.517M	2.453754G	2.470271G	500k	1
16.3M	2.45385G	2.47015G	16.517M	2.453729G	2.470246G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

11/01/2022

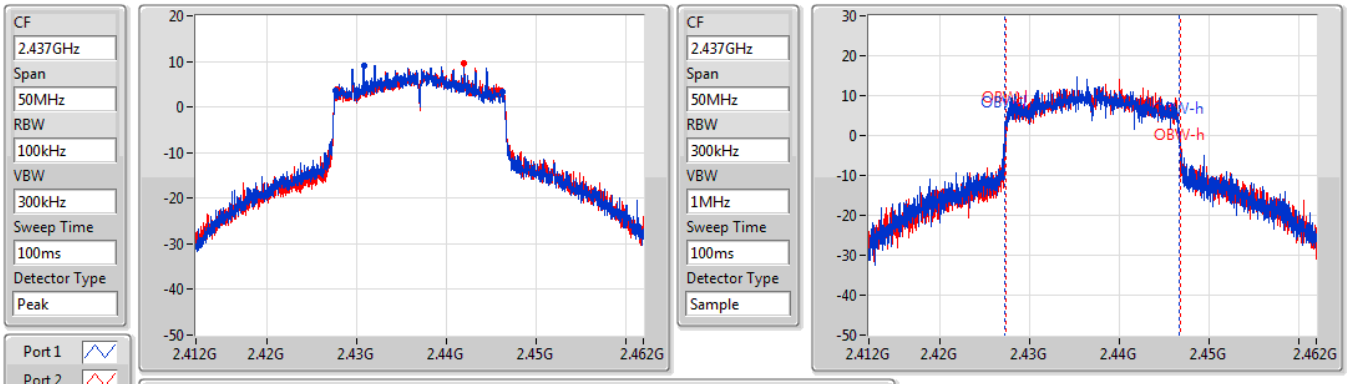


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.025M	2.40445G	2.421475G	18.841M	2.402655G	2.421495G	500k	1
16.925M	2.404475G	2.4214G	18.791M	2.402655G	2.421445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

11/01/2022

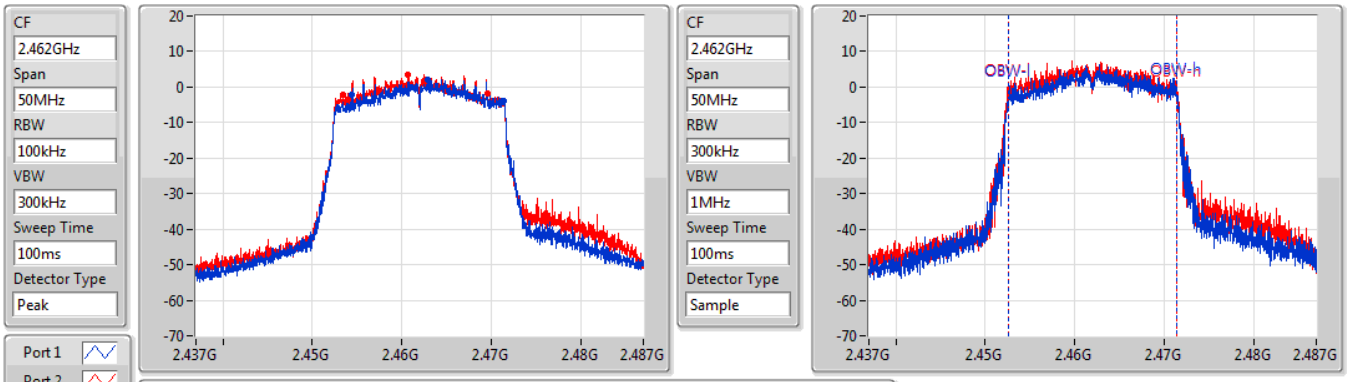


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.625M	2.427575G	2.4462G	19.515M	2.42723G	2.446745G	500k	1
18.35M	2.427775G	2.446125G	19.44M	2.42738G	2.44682G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2462MHz

11/01/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.975M	2.45445G	2.471425G	18.766M	2.452655G	2.47142G	500k	1
16.15M	2.453425G	2.469575G	18.816M	2.45258G	2.471395G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.37	0.21727
802.11g_Nss1,(6Mbps)_2TX	23.70	0.23442
802.11ax HEW20_Nss1,(MCS0)_2TX	23.58	0.22803

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.72	19.84	20.83	23.37	30.00
2437MHz	Pass	0.72	20.32	19.48	22.93	30.00
2457MHz	Pass	0.72	19.86	20.55	23.23	30.00
2462MHz	Pass	0.72	19.54	20.75	23.20	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.72	16.39	17.58	20.04	30.00
2417MHz	Pass	0.72	18.08	19.17	21.67	30.00
2437MHz	Pass	0.72	20.71	20.66	23.70	30.00
2457MHz	Pass	0.72	17.26	18.38	20.87	30.00
2462MHz	Pass	0.72	14.42	15.78	18.16	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.72	15.31	16.30	18.84	30.00
2417MHz	Pass	0.72	17.89	18.86	21.41	30.00
2437MHz	Pass	0.72	20.54	20.59	23.58	30.00
2457MHz	Pass	0.72	16.27	17.38	19.87	30.00
2462MHz	Pass	0.72	13.61	14.95	17.34	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.13
802.11g_Nss1,(6Mbps)_2TX	-1.82
802.11ax HEW20_Nss1,(MCS0)_2TX	-3.17

RBW = 3kHz;

Result

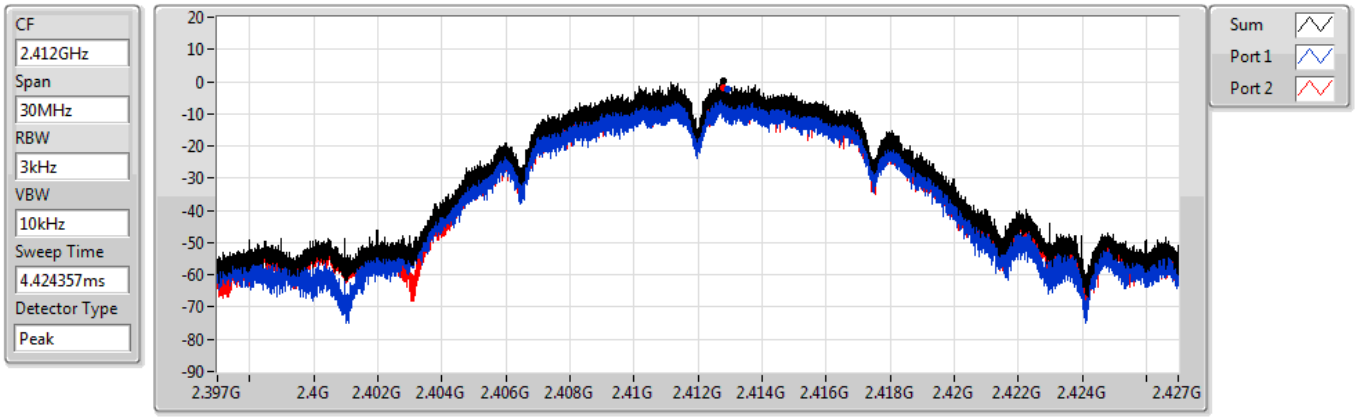
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.73	-2.47	-1.95	0.13	8.00
2437MHz	Pass	3.73	-1.17	-2.64	-0.20	8.00
2462MHz	Pass	3.73	-3.11	-1.60	-0.34	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.73	-7.23	-6.97	-5.06	8.00
2437MHz	Pass	3.73	-3.25	-3.70	-1.82	8.00
2462MHz	Pass	3.73	-10.49	-8.15	-6.49	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.73	-10.89	-8.59	-7.41	8.00
2437MHz	Pass	3.73	-5.46	-4.87	-3.17	8.00
2462MHz	Pass	3.73	-10.94	-9.74	-8.90	8.00

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

802.11b_Nss1,(1Mbps)_2TX PSD

2412MHz

11/01/2022

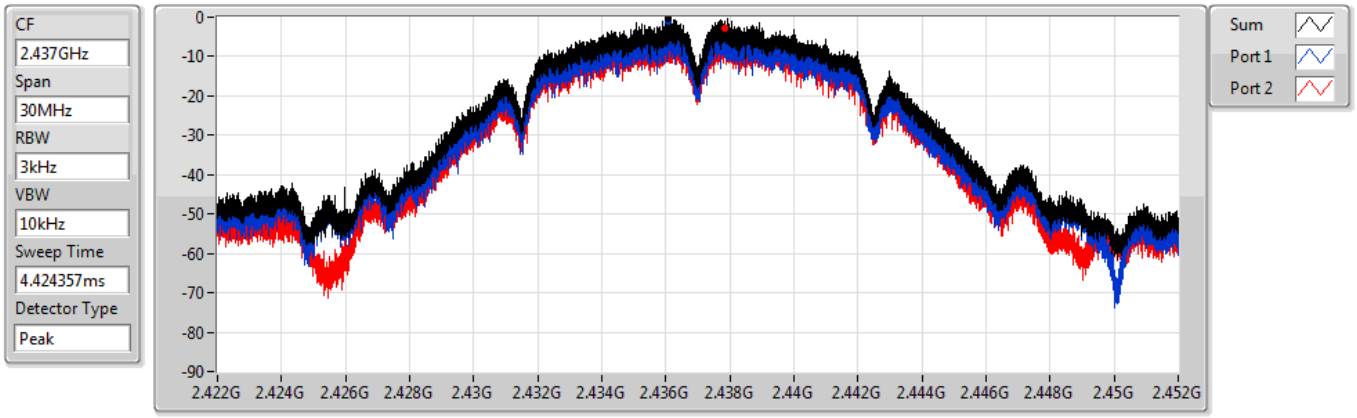


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.13	0.13	-2.47	-1.95

802.11b_Nss1,(1Mbps)_2TX PSD

2437MHz

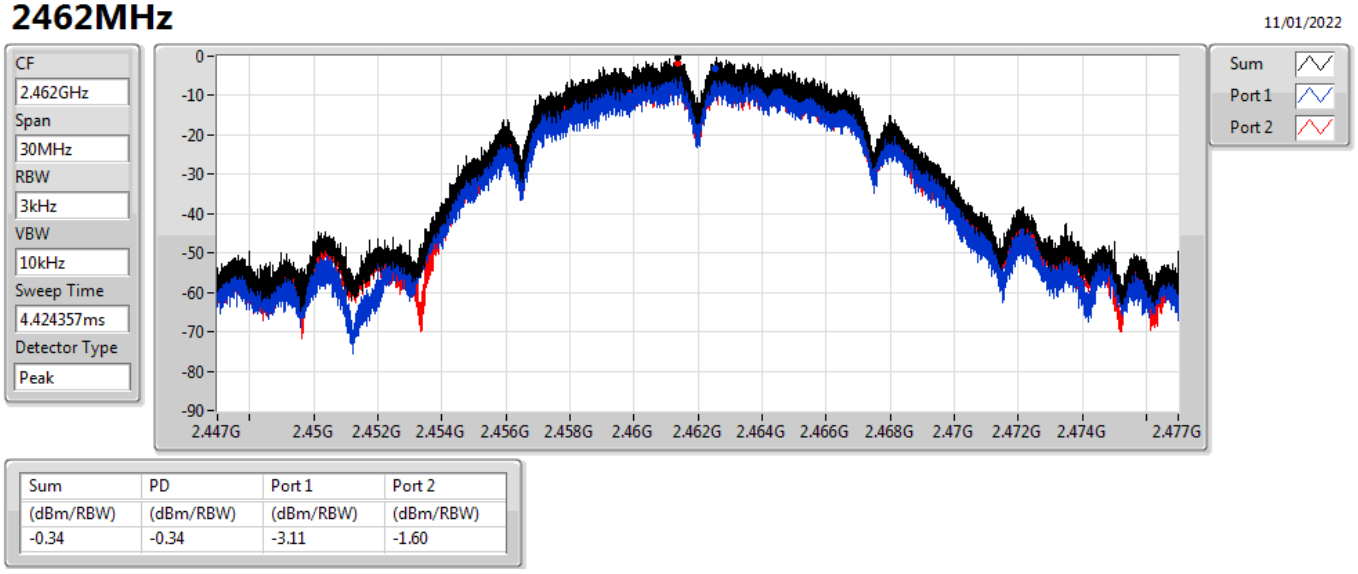
11/01/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.20	-0.20	-1.17	-2.64

802.11b_Nss1,(1Mbps)_2TX PSD

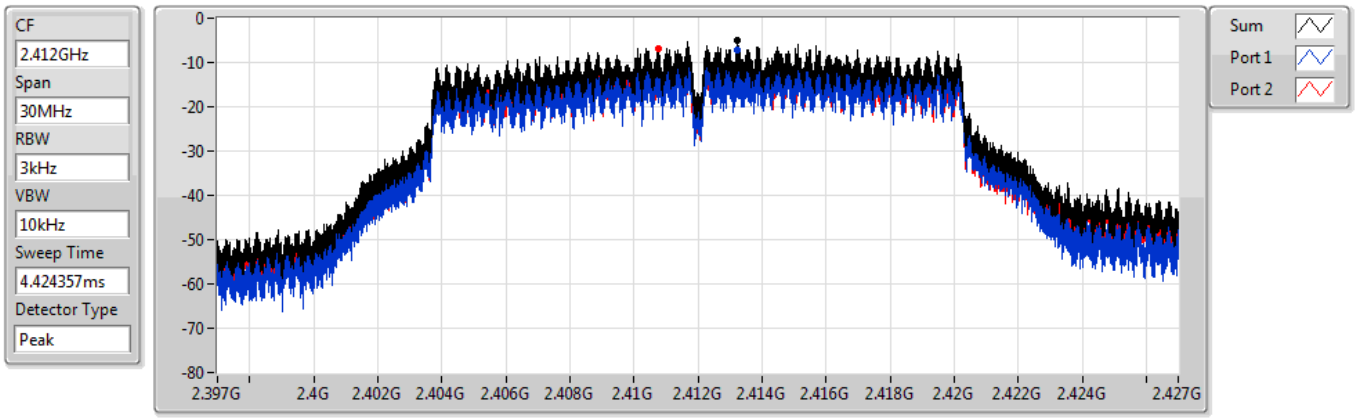
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.34	-0.34	-3.11	-1.60

802.11g_Nss1,(6Mbps)_2TX PSD

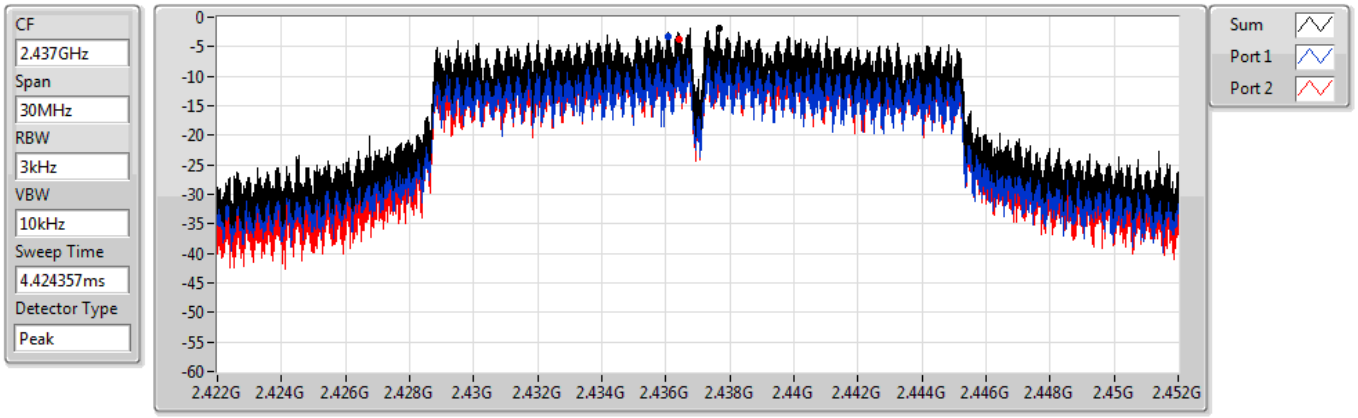
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.06	-5.06	-7.23	-6.97

802.11g_Nss1,(6Mbps)_2TX PSD

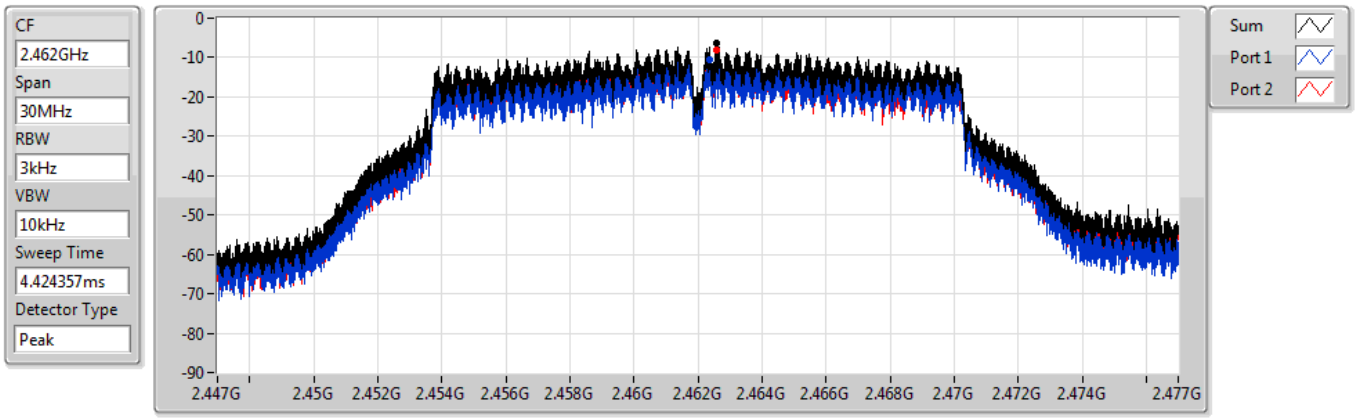
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.82	-1.82	-3.25	-3.70

802.11g_Nss1,(6Mbps)_2TX PSD

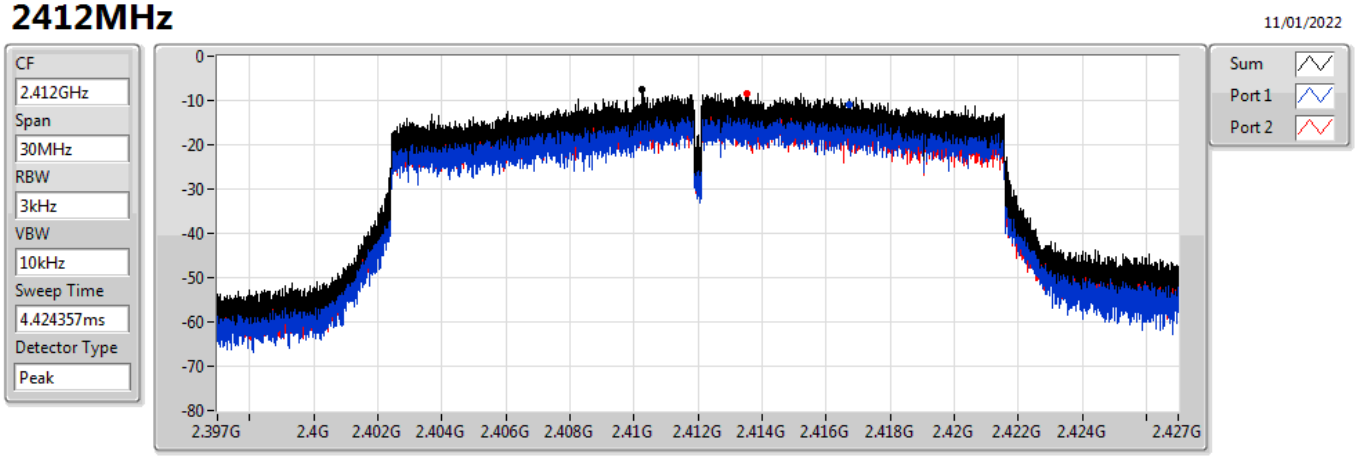
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.49	-6.49	-10.49	-8.15

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

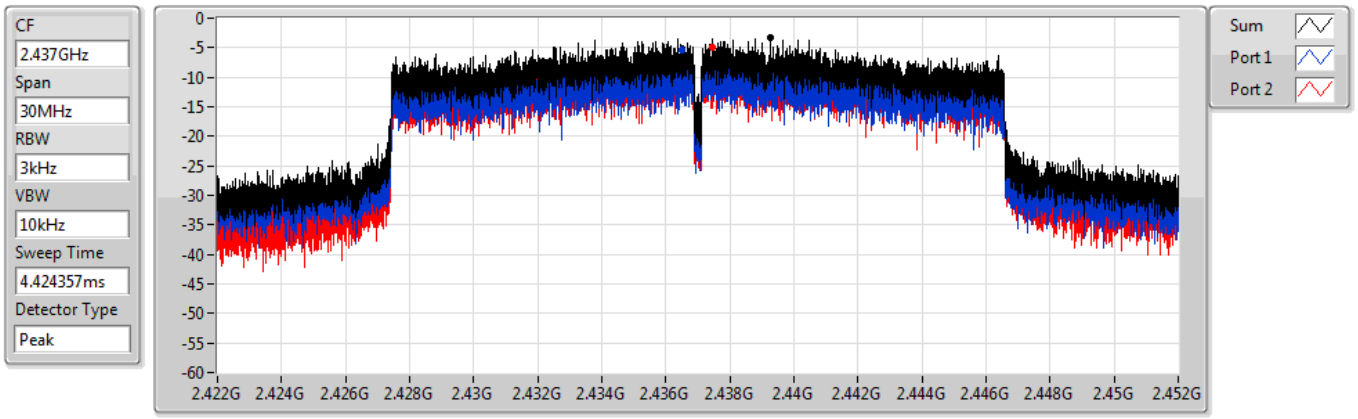
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.41	-7.41	-10.89	-8.59

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

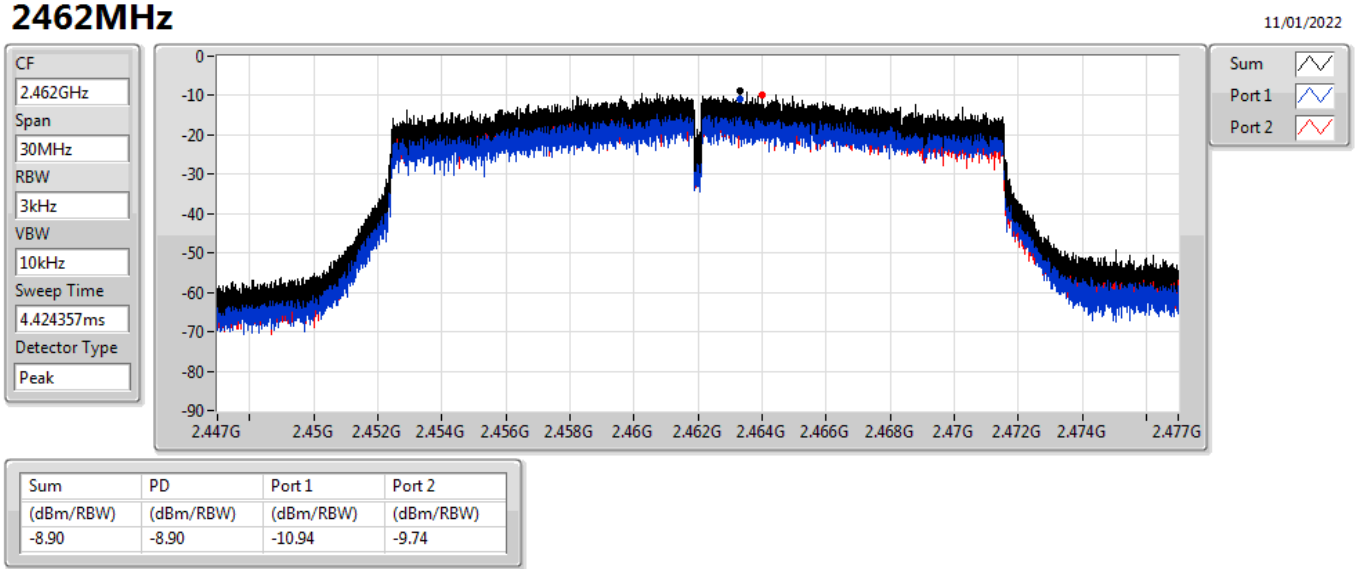
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.17	-3.17	-5.46	-4.87

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.90	-8.90	-10.94	-9.74

Summary

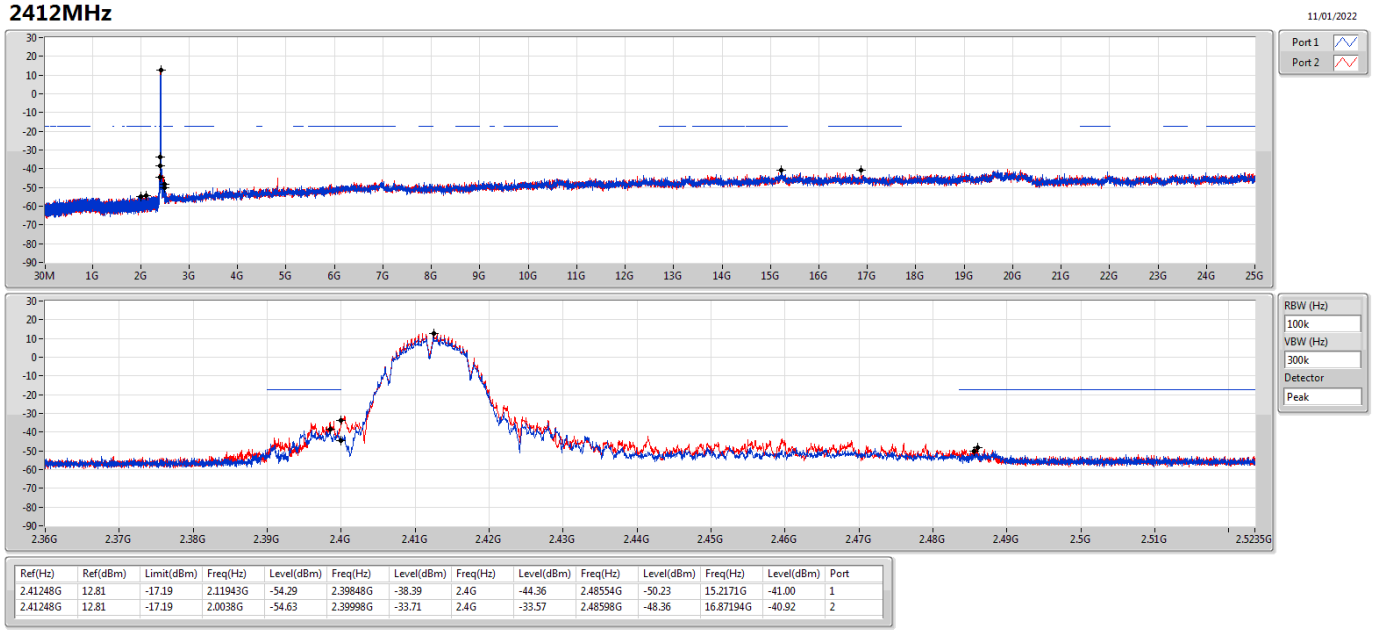
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41248G	12.81	-17.19	2.0038G	-54.63	2.39998G	-33.71	2.4G	-33.57	2.48598G	-48.36	16.87194G	-40.92	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43073G	10.55	-19.45	1.93215G	-53.36	2.39918G	-29.61	2.4G	-35.32	2.48402G	-51.02	15.20587G	-41.89	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43077G	10.61	-19.39	2.15467G	-53.76	2.39996G	-35.17	2.4G	-38.07	2.48524G	-50.98	17.0377G	-41.50	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41248G	12.81	-17.19	2.11943G	-54.29	2.39848G	-38.39	2.4G	-44.36	2.48554G	-50.23	15.2171G	-41.00	1
2412MHz	Pass	2.41248G	12.81	-17.19	2.0038G	-54.63	2.39998G	-33.71	2.4G	-33.57	2.48598G	-48.36	16.87194G	-40.92	2
2437MHz	Pass	2.41248G	12.81	-17.19	1.96681G	-54.95	2.3995G	-48.37	2.4835G	-50.49	2.48578G	-48.21	14.62148G	-42.01	1
2437MHz	Pass	2.41248G	12.81	-17.19	2.30525G	-54.13	2.39416G	-51.12	2.4G	-52.27	2.4845G	-49.95	24.92695G	-41.39	2
2462MHz	Pass	2.41248G	12.81	-17.19	2.07807G	-54.26	2.39804G	-52.39	2.4835G	-42.71	2.4845G	-42.35	24.2667G	-42.37	1
2462MHz	Pass	2.41248G	12.81	-17.19	1.81274G	-53.85	2.39952G	-50.67	2.4835G	-42.31	2.48398G	-40.08	15.2452G	-42.14	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	10.55	-19.45	2.30204G	-54.52	2.39966G	-31.95	2.4G	-35.47	2.48502G	-49.69	15.21429G	-42.52	1
2412MHz	Pass	2.43073G	10.55	-19.45	1.93215G	-53.36	2.39918G	-29.61	2.4G	-35.32	2.48402G	-51.02	15.20587G	-41.89	2
2437MHz	Pass	2.43073G	10.55	-19.45	2.15496G	-54.53	2.398G	-38.78	2.4G	-41.88	2.48572G	-39.38	15.20867G	-41.25	1
2437MHz	Pass	2.43073G	10.55	-19.45	2.13778G	-54.93	2.39888G	-38.49	2.4G	-43.67	2.48452G	-43.61	15.23115G	-42.16	2
2462MHz	Pass	2.43073G	10.55	-19.45	2.00235G	-54.06	2.39178G	-52.43	2.4835G	-47.87	2.48416G	-45.86	23.30302G	-42.43	1
2462MHz	Pass	2.43073G	10.55	-19.45	1.98633G	-54.73	2.3925G	-52.74	2.4835G	-43.01	2.4845G	-41.61	16.3606G	-42.17	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43077G	10.61	-19.39	2.10632G	-55.08	2.39976G	-36.18	2.4G	-40.95	2.48634G	-50.30	24.68252G	-41.32	1
2412MHz	Pass	2.43077G	10.61	-19.39	2.15467G	-53.76	2.39996G	-35.17	2.4G	-38.07	2.48524G	-50.98	17.0377G	-41.50	2
2437MHz	Pass	2.43077G	10.61	-19.39	2.08652G	-54.39	2.39784G	-35.19	2.4G	-38.24	2.48362G	-38.50	17.63614G	-41.67	1
2437MHz	Pass	2.43077G	10.61	-19.39	2.05128G	-53.59	2.39954G	-39.18	2.4G	-41.06	2.48386G	-44.01	16.75393G	-42.25	2
2462MHz	Pass	2.43077G	10.61	-19.39	2.30466G	-52.45	2.3993G	-52.48	2.4835G	-42.85	2.48366G	-44.55	15.21991G	-42.07	1
2462MHz	Pass	2.43077G	10.61	-19.39	2.08826G	-54.92	2.3964G	-52.41	2.4835G	-40.89	2.48388G	-40.74	13.66903G	-41.74	2

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

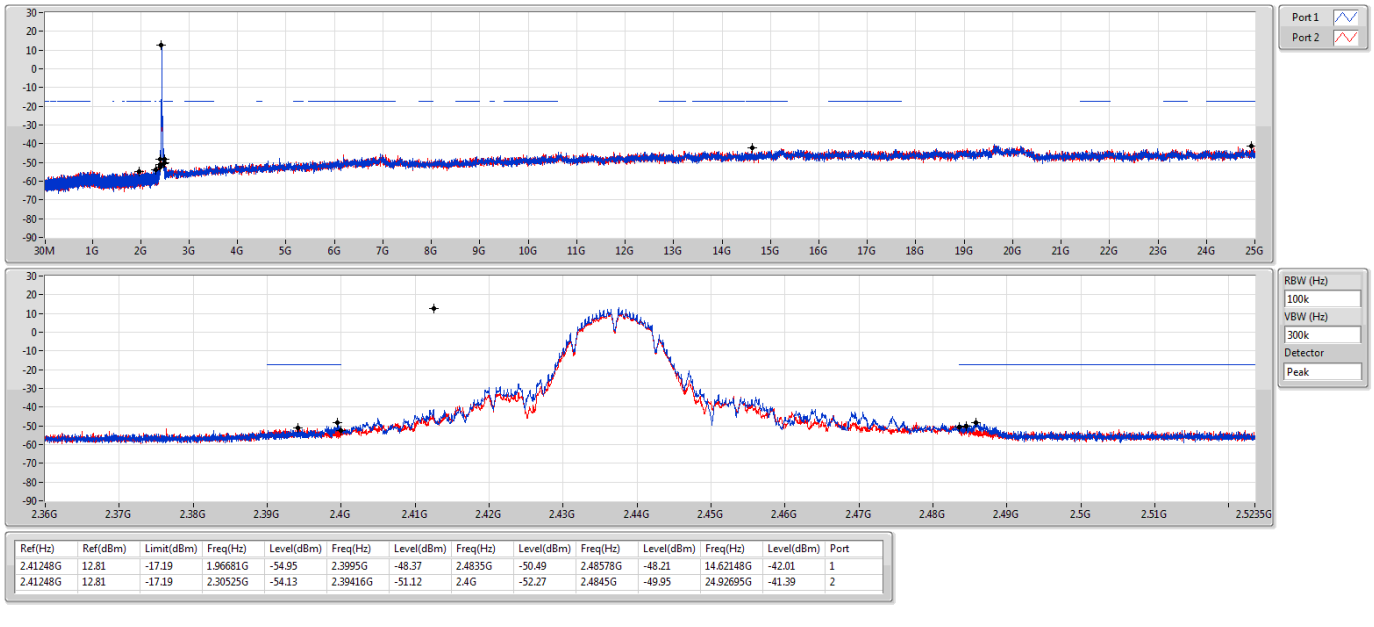
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	12.81	-17.19	2.11943G	-54.29	2.39848G	-38.39	2.4G	-44.36	2.48554G	-50.23	15.2171G	-41.00	1
2.41248G	12.81	-17.19	2.0038G	-54.63	2.39998G	-33.71	2.4G	-33.57	2.48598G	-48.36	16.87194G	-40.92	2

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

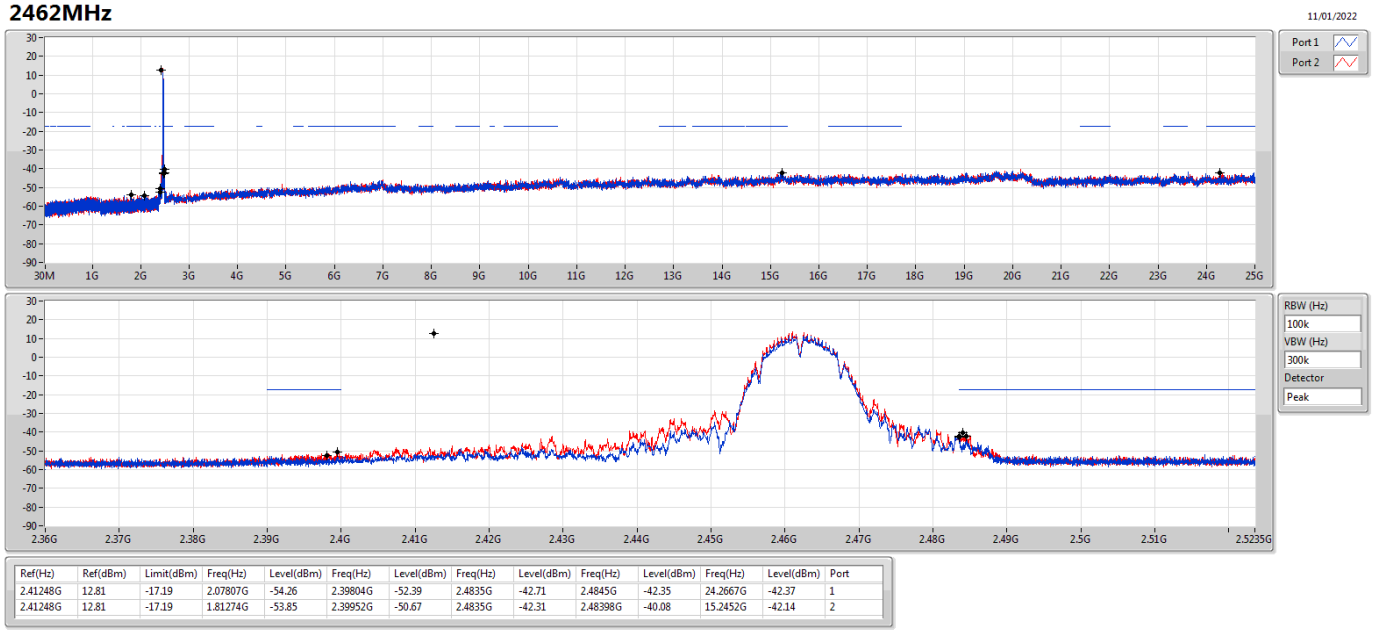
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	12.81	-17.19	1.96681G	-54.95	2.3995G	-48.37	2.4835G	-50.49	2.48578G	-48.21	14.62148G	-42.01	1
2.41248G	12.81	-17.19	2.30525G	-54.13	2.39416G	-51.12	2.4G	-52.27	2.4845G	-49.95	24.92695G	-41.39	2

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

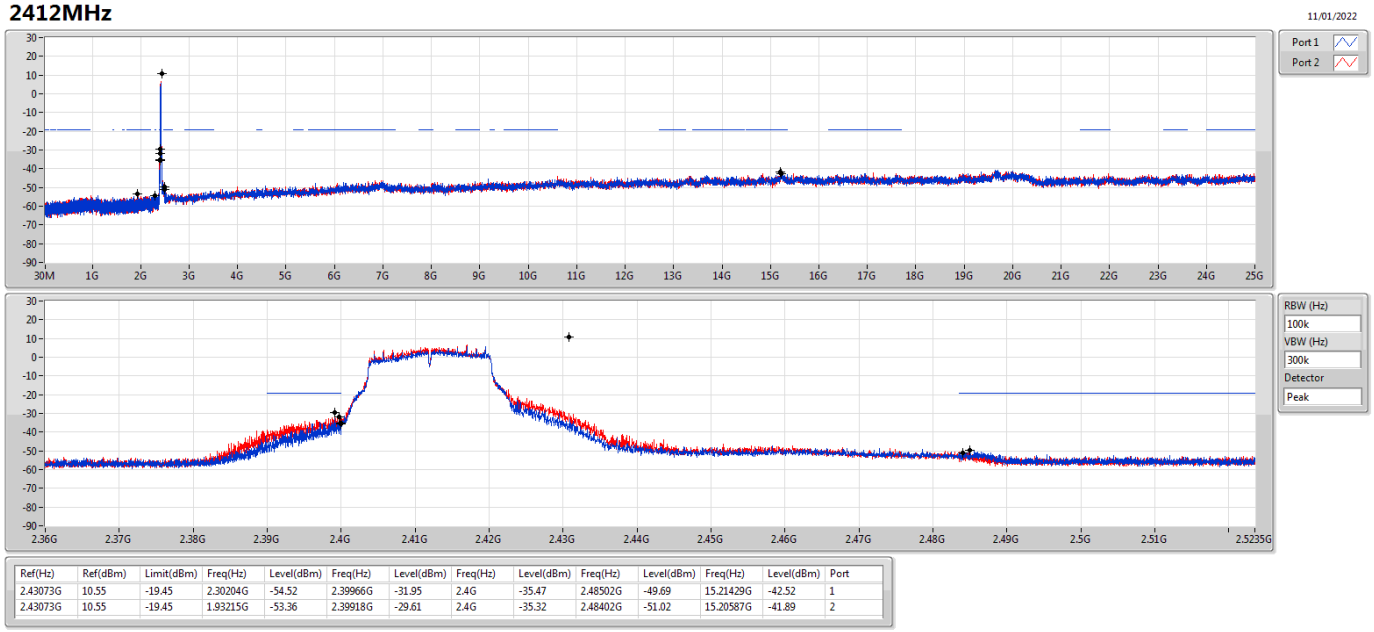
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	12.81	-17.19	2.07807G	-54.26	2.39804G	-52.39	2.4835G	-42.71	2.4845G	-42.35	24.2667G	-42.37	1
2.41248G	12.81	-17.19	1.81274G	-53.85	2.39952G	-50.67	2.4835G	-42.31	2.48398G	-40.08	15.2452G	-42.14	2

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

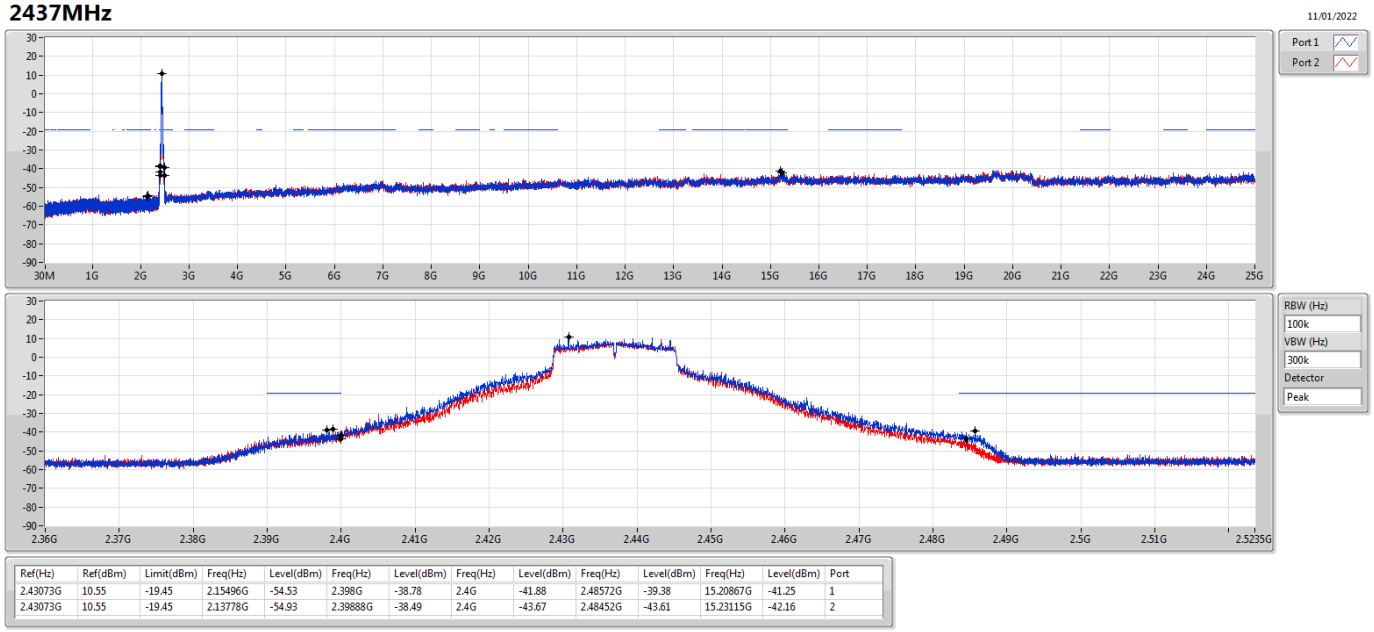
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	10.55	-19.45	2.30204G	-54.52	2.39966G	-31.95	2.4G	-35.47	2.48502G	-49.69	15.21429G	-42.52	1
2.43073G	10.55	-19.45	1.93215G	-53.36	2.39918G	-29.61	2.4G	-35.32	2.48402G	-51.02	15.20587G	-41.89	2

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

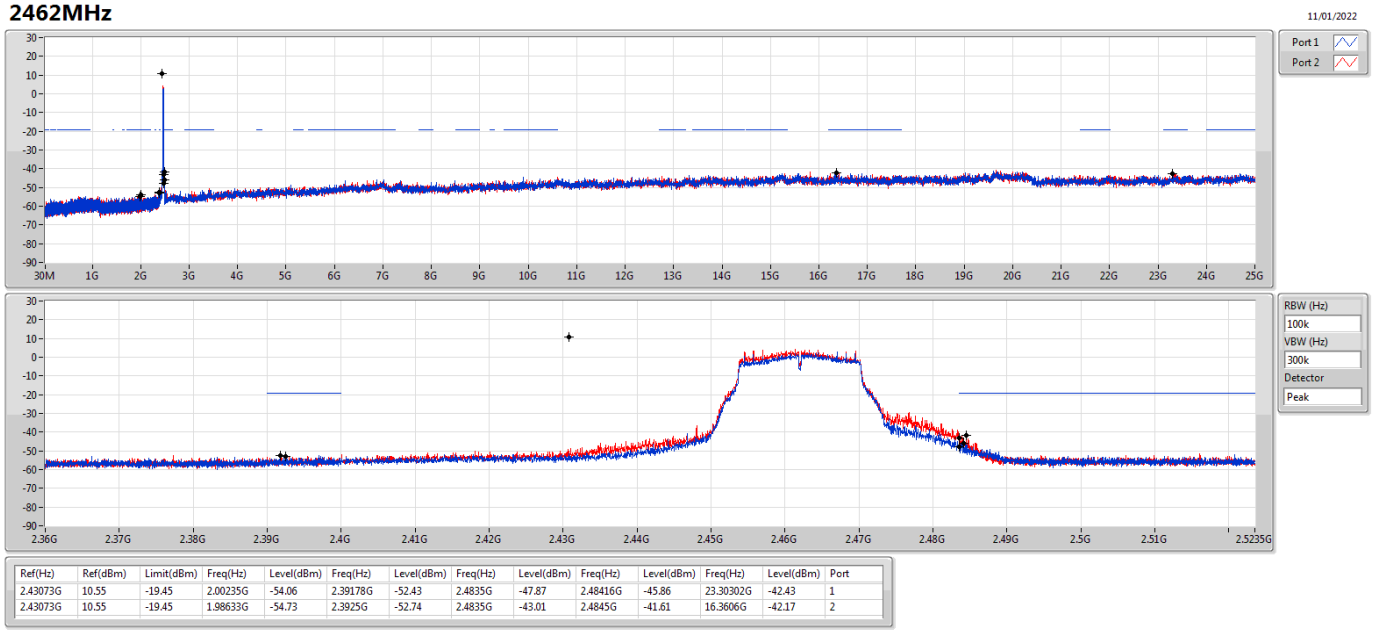
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	10.55	-19.45	2.15496G	-54.53	2.398G	-38.78	2.4G	-41.88	2.48572G	-39.38	15.20867G	-41.25	1
2.43073G	10.55	-19.45	2.13778G	-54.93	2.39888G	-38.49	2.4G	-43.67	2.48452G	-43.61	15.23115G	-42.16	2

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

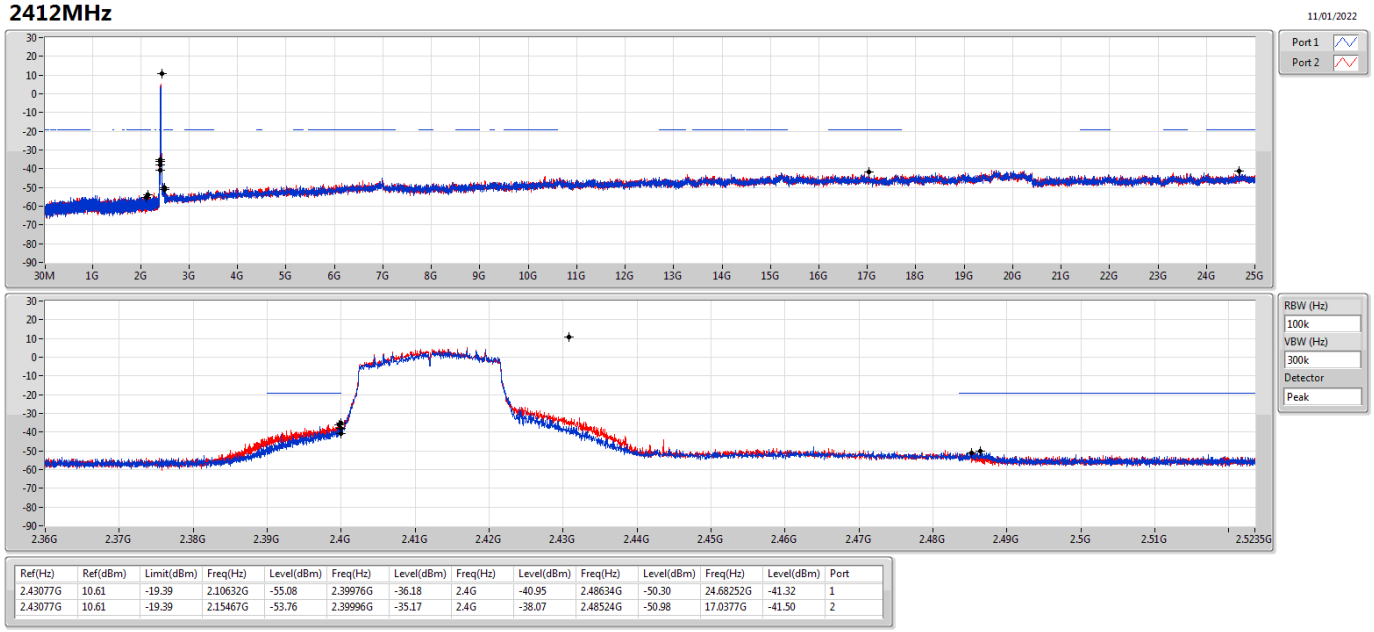
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	10.55	-19.45	2.00235G	-54.06	2.39178G	-52.43	2.4835G	-47.87	2.48416G	-45.86	23.30302G	-42.43	1
2.43073G	10.55	-19.45	1.98633G	-54.73	2.3925G	-52.74	2.4835G	-43.01	2.4845G	-41.61	16.3606G	-42.17	2

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

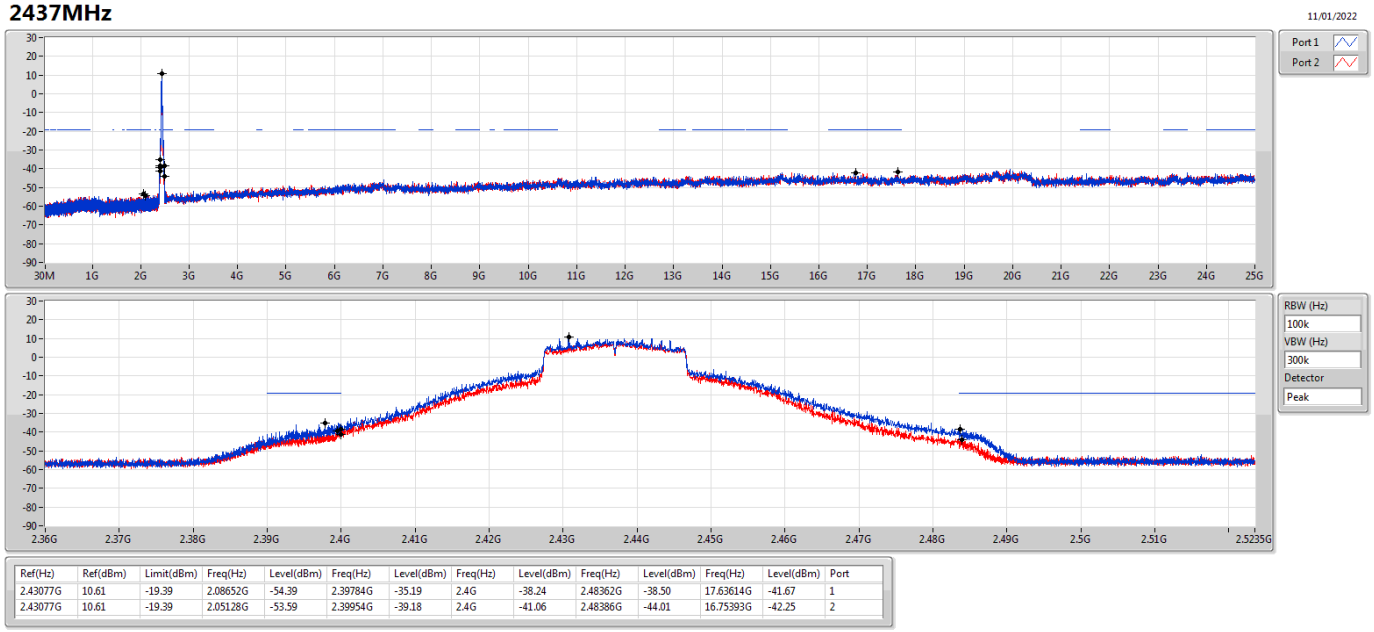
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	10.61	-19.39	2.10632G	-55.08	2.39976G	-36.18	2.4G	-40.95	2.48634G	-50.30	24.68252G	-41.32	1
2.43077G	10.61	-19.39	2.15467G	-53.76	2.39996G	-35.17	2.4G	-38.07	2.48524G	-50.98	17.0377G	-41.50	2

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

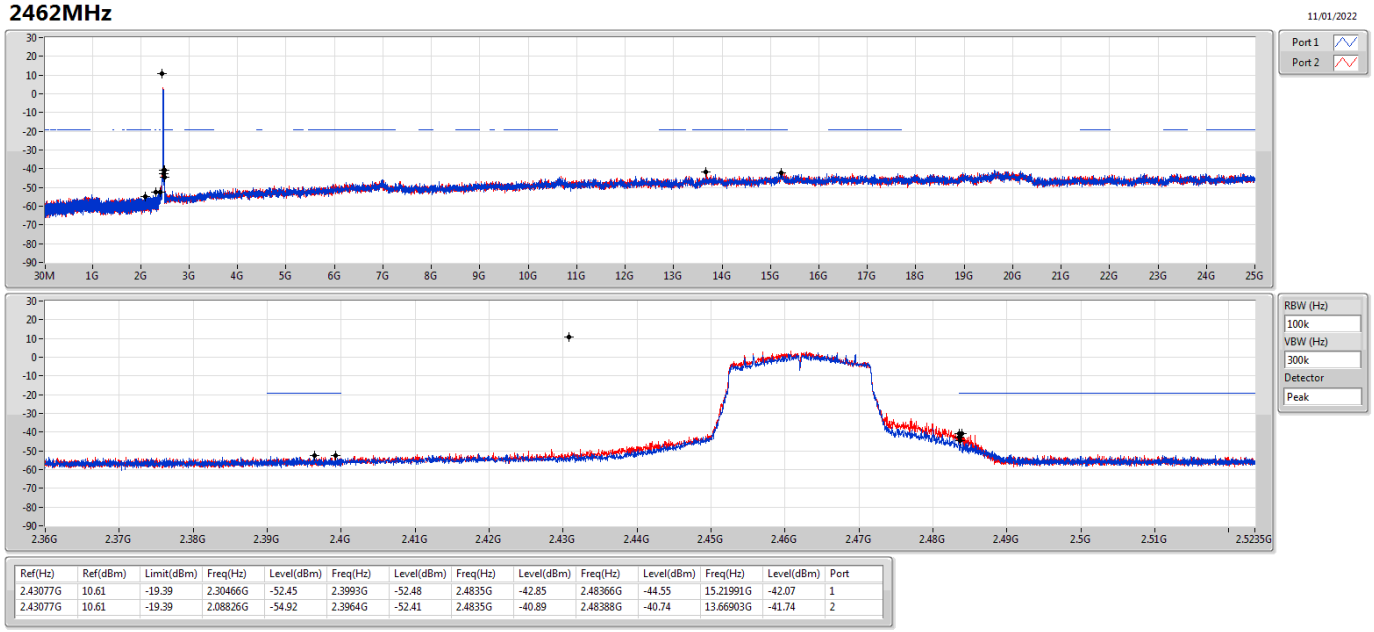
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	10.61	-19.39	2.08652G	-54.39	2.39784G	-35.19	2.4G	-38.24	2.48362G	-38.50	17.63614G	-41.67	1
2.43077G	10.61	-19.39	2.05128G	-53.59	2.39954G	-39.18	2.4G	-41.06	2.48386G	-44.01	16.75393G	-42.25	2

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

2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	10.61	-19.39	2.30466G	-52.45	2.3993G	-52.48	2.4835G	-42.85	2.48366G	-44.55	15.21991G	-42.07	1
2.43077G	10.61	-19.39	2.08826G	-54.92	2.3964G	-52.41	2.4835G	-40.89	2.48388G	-40.74	13.66903G	-41.74	2

Summary

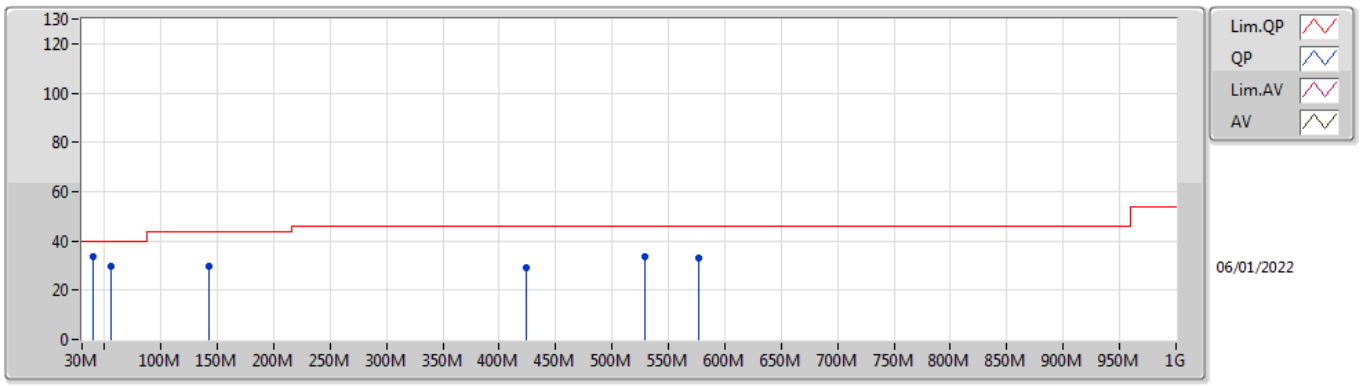
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	39.7M	33.68	40.00	-6.32	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	39.7M	33.68	40.00	-6.32	3	Vertical	360	1.00	-
2437MHz	Pass	PK	55.22M	29.82	40.00	-10.18	3	Vertical	360	1.00	-
2437MHz	Pass	PK	142.52M	29.71	43.50	-13.79	3	Vertical	360	1.00	-
2437MHz	Pass	PK	423.82M	29.18	46.00	-16.82	3	Vertical	360	1.00	-
2437MHz	Pass	PK	528.58M	33.43	46.00	-12.57	3	Vertical	360	1.00	-
2437MHz	Pass	PK	577.08M	33.02	46.00	-12.98	3	Vertical	360	1.00	-
2437MHz	Pass	PK	99.84M	30.57	43.50	-12.93	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	161.92M	31.37	43.50	-12.13	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	239.52M	29.70	46.00	-16.30	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	315.18M	33.29	46.00	-12.71	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	406.36M	30.17	46.00	-15.83	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	577.08M	35.60	46.00	-10.40	3	Horizontal	0	1.00	-

802.11ax HEW20_Nss1,(MCS0)_2TX

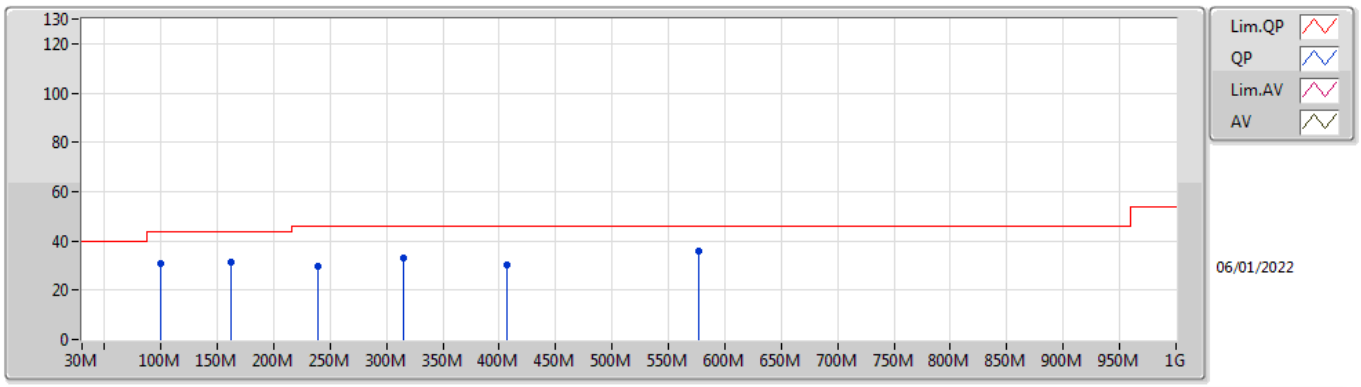
2437MHz_USB



Type	Freq	Level	Limit	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	39.7M	33.68	40.00	-6.32	-8.49	3	Vertical	360	1.00	-	42.17	17.92	0.96	27.37
PK	55.22M	29.82	40.00	-10.18	-14.62	3	Vertical	360	1.00	-	44.44	12.01	1.10	27.73
PK	142.52M	29.71	43.50	-13.79	-9.75	3	Vertical	360	1.00	-	39.46	16.18	1.66	27.59
PK	423.82M	29.18	46.00	-16.82	-3.29	3	Vertical	360	1.00	-	32.47	21.81	2.82	27.92
PK	528.58M	33.43	46.00	-12.57	-2.40	3	Vertical	360	1.00	-	35.83	22.79	3.14	28.33
PK	577.08M	33.02	46.00	-12.98	-1.18	3	Vertical	360	1.00	-	34.20	23.91	3.29	28.38

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_USB



Type	Freq	Level	Limit	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	99.84M	30.57	43.50	-12.93	-10.35	3	Horizontal	0	1.00	-	40.92	16.00	1.42	27.77
PK	161.92M	31.37	43.50	-12.13	-10.63	3	Horizontal	0	1.00	-	42.00	15.10	1.78	27.51
PK	239.52M	29.70	46.00	-16.30	-8.55	3	Horizontal	0	1.00	-	38.25	16.42	2.11	27.08
PK	315.18M	33.29	46.00	-12.71	-5.96	3	Horizontal	0	1.00	-	39.25	18.76	2.42	27.14
PK	406.36M	30.17	46.00	-15.83	-3.72	3	Horizontal	0	1.00	-	33.89	21.34	2.76	27.82
PK	577.08M	35.60	46.00	-10.40	-1.18	3	Horizontal	0	1.00	-	36.78	23.91	3.29	28.38

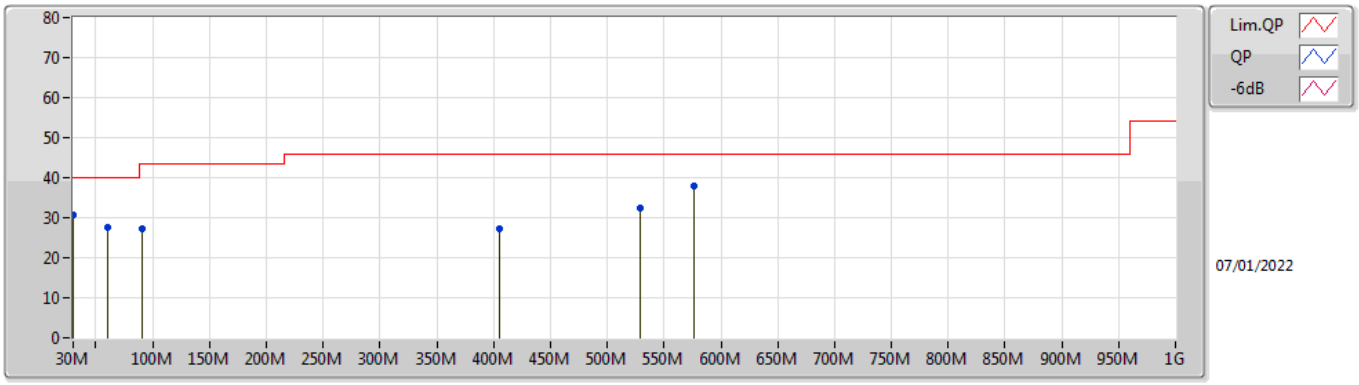
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	576.11M	37.95	46.00	-8.05	Vertical

Result

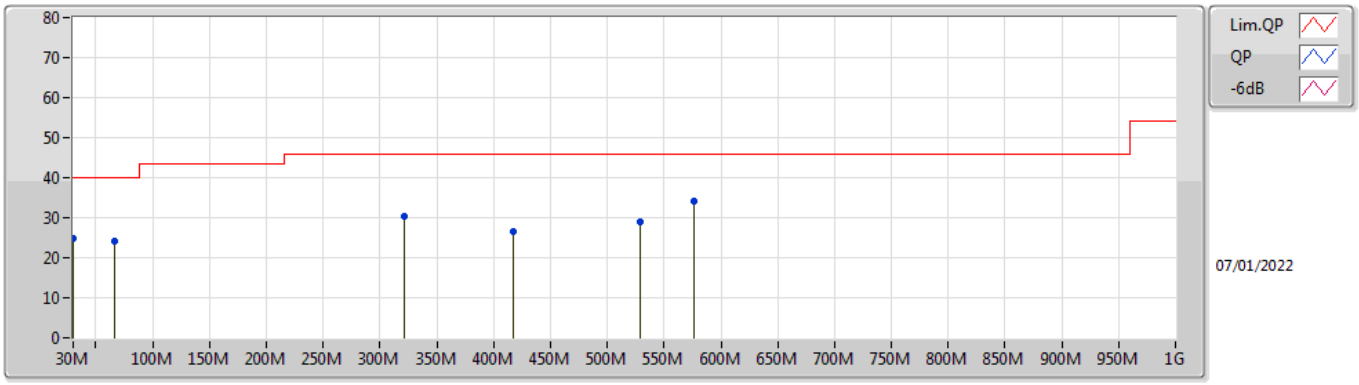
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 2	Pass	PK	30M	30.61	40.00	-9.39	3	Vertical	0	1.00	-
Mode 2	Pass	PK	60.07M	27.62	40.00	-12.38	3	Vertical	0	1.00	-
Mode 2	Pass	PK	91.11M	27.16	43.50	-16.34	3	Vertical	0	1.00	-
Mode 2	Pass	PK	405.39M	27.14	46.00	-18.86	3	Vertical	0	1.00	-
Mode 2	Pass	PK	528.58M	32.57	46.00	-13.43	3	Vertical	0	1.00	-
Mode 2	Pass	PK	576.11M	37.95	46.00	-8.05	3	Vertical	0	1.00	-
Mode 2	Pass	PK	30M	24.66	40.00	-15.34	3	Horizontal	360	1.00	-
Mode 2	Pass	PK	66.86M	24.16	40.00	-15.84	3	Horizontal	360	1.00	-
Mode 2	Pass	PK	321M	30.49	46.00	-15.51	3	Horizontal	360	1.00	-
Mode 2	Pass	PK	417.03M	26.47	46.00	-19.53	3	Horizontal	360	1.00	-
Mode 2	Pass	PK	528.58M	29.02	46.00	-16.98	3	Horizontal	360	1.00	-
Mode 2	Pass	PK	576.11M	34.09	46.00	-11.91	3	Horizontal	360	1.00	-

Radiated Emissions below 1GHz_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30M	30.61	40.00	-9.39	-2.87	3	Vertical	0	1.00	-	33.48	23.26	0.86	26.99
PK	60.07M	27.62	40.00	-12.38	-15.09	3	Vertical	0	1.00	-	42.71	11.54	1.14	27.77
PK	91.11M	27.16	43.50	-16.34	-12.12	3	Vertical	0	1.00	-	39.28	14.34	1.36	27.82
PK	405.39M	27.14	46.00	-18.86	-3.76	3	Vertical	0	1.00	-	30.90	21.29	2.76	27.81
PK	528.58M	32.57	46.00	-13.43	-2.40	3	Vertical	0	1.00	-	34.97	22.79	3.14	28.33
PK	576.11M	37.95	46.00	-8.05	-1.20	3	Vertical	0	1.00	-	39.15	23.90	3.28	28.38

Radiated Emissions below 1GHz_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30M	24.66	40.00	-15.34	-2.87	3	Horizontal	360	1.00	-	27.53	23.26	0.86	26.99
PK	66.86M	24.16	40.00	-15.84	-15.21	3	Horizontal	360	1.00	-	39.37	11.43	1.19	27.83
PK	321M	30.49	46.00	-15.51	-5.92	3	Horizontal	360	1.00	-	36.41	18.81	2.44	27.17
PK	417.03M	26.47	46.00	-19.53	-3.33	3	Horizontal	360	1.00	-	29.80	21.76	2.79	27.88
PK	528.58M	29.02	46.00	-16.98	-2.40	3	Horizontal	360	1.00	-	31.42	22.79	3.14	28.33
PK	576.11M	34.09	46.00	-11.91	-1.20	3	Horizontal	360	1.00	-	35.29	23.90	3.28	28.38

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	7.31164G	50.50	54.00	-3.50	3	Horizontal	282	1.66	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	50.92	54.00	-3.08	3	Vertical	284	1.98	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	50.99	54.00	-3.01	3	Vertical	288	1.58	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.91	54.00	-5.09	3	Vertical	318	2.08	-
2412MHz	Pass	AV	2.4128G	111.06	Inf	-Inf	3	Vertical	318	2.08	-
2412MHz	Pass	PK	2.3894G	58.87	74.00	-15.13	3	Vertical	318	2.08	-
2412MHz	Pass	PK	2.413G	115.11	Inf	-Inf	3	Vertical	318	2.08	-
2412MHz	Pass	AV	2.3896G	49.41	54.00	-4.59	3	Horizontal	5	2.75	-
2412MHz	Pass	AV	2.4128G	108.67	Inf	-Inf	3	Horizontal	5	2.75	-
2412MHz	Pass	PK	2.3888G	60.25	74.00	-13.75	3	Horizontal	5	2.75	-
2412MHz	Pass	PK	2.413G	112.61	Inf	-Inf	3	Horizontal	5	2.75	-
2412MHz	Pass	AV	4.824G	38.91	54.00	-15.09	3	Vertical	63	3.00	-
2412MHz	Pass	PK	4.8238G	46.35	74.00	-27.65	3	Vertical	63	3.00	-
2412MHz	Pass	AV	4.82392G	41.76	54.00	-12.24	3	Horizontal	272	1.00	-
2412MHz	Pass	PK	4.82388G	48.00	74.00	-26.00	3	Horizontal	272	1.00	-
2437MHz	Pass	AV	2.3382G	47.36	54.00	-6.64	3	Vertical	322	2.45	-
2437MHz	Pass	AV	2.4362G	102.68	Inf	-Inf	3	Vertical	322	2.45	-
2437MHz	Pass	AV	2.4854G	47.58	54.00	-6.42	3	Vertical	322	2.45	-
2437MHz	Pass	PK	2.343G	58.49	74.00	-15.51	3	Vertical	322	2.45	-
2437MHz	Pass	PK	2.4362G	106.50	Inf	-Inf	3	Vertical	322	2.45	-
2437MHz	Pass	PK	2.4886G	58.61	74.00	-15.39	3	Vertical	322	2.45	-
2437MHz	Pass	AV	2.3386G	47.35	54.00	-6.65	3	Horizontal	281	1.73	-
2437MHz	Pass	AV	2.4362G	104.40	Inf	-Inf	3	Horizontal	281	1.73	-
2437MHz	Pass	AV	2.4846G	47.18	54.00	-6.82	3	Horizontal	281	1.73	-
2437MHz	Pass	PK	2.3474G	58.72	74.00	-15.28	3	Horizontal	281	1.73	-
2437MHz	Pass	PK	2.4362G	108.15	Inf	-Inf	3	Horizontal	281	1.73	-
2437MHz	Pass	PK	2.4835G	58.11	74.00	-15.89	3	Horizontal	281	1.73	-
2437MHz	Pass	AV	4.874G	42.87	54.00	-11.13	3	Vertical	359	1.69	-
2437MHz	Pass	AV	7.31164G	44.04	54.00	-9.96	3	Vertical	228	1.65	-
2437MHz	Pass	PK	4.87416G	48.12	74.00	-25.88	3	Vertical	359	1.69	-
2437MHz	Pass	PK	7.30996G	53.96	74.00	-20.04	3	Vertical	228	1.65	-
2437MHz	Pass	AV	4.87396G	43.44	54.00	-10.56	3	Horizontal	43	1.17	-
2437MHz	Pass	AV	7.31164G	50.50	54.00	-3.50	3	Horizontal	282	1.66	-
2437MHz	Pass	PK	4.87384G	48.91	74.00	-25.09	3	Horizontal	43	1.17	-
2437MHz	Pass	PK	7.31204G	57.17	74.00	-16.83	3	Horizontal	282	1.66	-
2457MHz	Pass	AV	2.4562G	109.36	Inf	-Inf	3	Vertical	44	1.00	-
2457MHz	Pass	AV	2.484G	48.68	54.00	-5.32	3	Vertical	44	1.00	-
2457MHz	Pass	PK	2.4562G	113.22	Inf	-Inf	3	Vertical	44	1.00	-
2457MHz	Pass	PK	2.4836G	58.96	74.00	-15.04	3	Vertical	44	1.00	-
2457MHz	Pass	AV	2.4562G	110.77	Inf	-Inf	3	Horizontal	68	1.61	-
2457MHz	Pass	AV	2.4835G	48.73	54.00	-5.27	3	Horizontal	68	1.61	-
2457MHz	Pass	PK	2.4562G	114.72	Inf	-Inf	3	Horizontal	68	1.61	-
2457MHz	Pass	PK	2.4838G	59.31	74.00	-14.69	3	Horizontal	68	1.61	-
2457MHz	Pass	AV	4.91396G	39.21	54.00	-14.79	3	Vertical	360	1.79	-
2457MHz	Pass	AV	7.36976G	41.32	54.00	-12.68	3	Vertical	226	1.57	-
2457MHz	Pass	PK	4.91404G	46.53	74.00	-27.47	3	Vertical	360	1.79	-
2457MHz	Pass	PK	7.36908G	52.53	74.00	-21.47	3	Vertical	226	1.57	-
2457MHz	Pass	AV	4.914G	39.67	54.00	-14.33	3	Horizontal	24	1.50	-
2457MHz	Pass	AV	7.36972G	49.40	54.00	-4.60	3	Horizontal	260	1.72	-
2457MHz	Pass	PK	4.91408G	47.23	74.00	-26.77	3	Horizontal	24	1.50	-
2457MHz	Pass	PK	7.37004G	56.66	74.00	-17.34	3	Horizontal	260	1.72	-
2462MHz	Pass	AV	2.4628G	111.24	Inf	-Inf	3	Vertical	284	1.97	-
2462MHz	Pass	AV	2.4836G	49.95	54.00	-4.05	3	Vertical	284	1.97	-
2462MHz	Pass	PK	2.463G	115.43	Inf	-Inf	3	Vertical	284	1.97	-
2462MHz	Pass	PK	2.4846G	60.52	74.00	-13.48	3	Vertical	284	1.97	-
2462MHz	Pass	AV	2.4632G	106.11	Inf	-Inf	3	Horizontal	300	2.15	-
2462MHz	Pass	AV	2.4844G	47.55	54.00	-6.45	3	Horizontal	300	2.15	-
2462MHz	Pass	PK	2.463G	110.25	Inf	-Inf	3	Horizontal	300	2.15	-
2462MHz	Pass	PK	2.4854G	57.98	74.00	-16.02	3	Horizontal	300	2.15	-
2462MHz	Pass	AV	4.92396G	40.57	54.00	-13.43	3	Vertical	360	1.73	-
2462MHz	Pass	AV	7.38528G	40.93	54.00	-13.07	3	Vertical	350	1.64	-
2462MHz	Pass	PK	4.92412G	47.29	74.00	-26.71	3	Vertical	360	1.73	-
2462MHz	Pass	PK	7.3878G	52.51	74.00	-21.49	3	Vertical	350	1.64	-

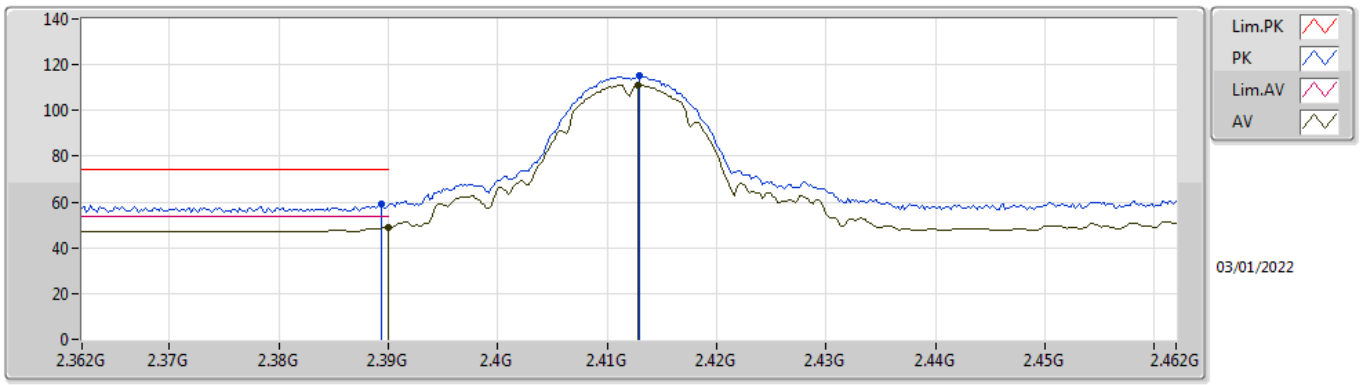
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	4.92396G	39.29	54.00	-14.71	3	Horizontal	17	1.50	-
2462MHz	Pass	AV	7.38524G	48.57	54.00	-5.43	3	Horizontal	298	3.00	-
2462MHz	Pass	PK	4.92416G	46.35	74.00	-27.65	3	Horizontal	17	1.50	-
2462MHz	Pass	PK	7.38684G	55.74	74.00	-18.26	3	Horizontal	298	3.00	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.30	54.00	-3.70	3	Vertical	336	2.08	-
2412MHz	Pass	AV	2.414G	102.76	Inf	-Inf	3	Vertical	336	2.08	-
2412MHz	Pass	PK	2.39G	65.36	74.00	-8.64	3	Vertical	336	2.08	-
2412MHz	Pass	PK	2.414G	111.77	Inf	-Inf	3	Vertical	336	2.08	-
2412MHz	Pass	AV	2.39G	50.60	54.00	-3.40	3	Horizontal	282	2.19	-
2412MHz	Pass	AV	2.413G	102.76	Inf	-Inf	3	Horizontal	282	2.19	-
2412MHz	Pass	PK	2.39G	66.46	74.00	-7.54	3	Horizontal	282	2.19	-
2412MHz	Pass	PK	2.4132G	111.66	Inf	-Inf	3	Horizontal	282	2.19	-
2412MHz	Pass	AV	4.83392G	30.73	54.00	-23.27	3	Vertical	270	1.86	-
2412MHz	Pass	PK	4.82644G	43.64	74.00	-30.36	3	Vertical	270	1.86	-
2412MHz	Pass	AV	4.81936G	30.97	54.00	-23.03	3	Horizontal	275	1.12	-
2412MHz	Pass	PK	4.81592G	43.64	74.00	-30.36	3	Horizontal	275	1.12	-
2417MHz	Pass	AV	2.39G	50.36	54.00	-3.64	3	Vertical	290	1.59	-
2417MHz	Pass	AV	2.4198G	104.27	Inf	-Inf	3	Vertical	290	1.59	-
2417MHz	Pass	PK	2.3894G	67.53	74.00	-6.47	3	Vertical	290	1.59	-
2417MHz	Pass	PK	2.42G	113.94	Inf	-Inf	3	Vertical	290	1.59	-
2417MHz	Pass	AV	2.3892G	50.01	54.00	-3.99	3	Horizontal	285	2.22	-
2417MHz	Pass	AV	2.4178G	104.19	Inf	-Inf	3	Horizontal	285	2.22	-
2417MHz	Pass	PK	2.3894G	68.58	74.00	-5.42	3	Horizontal	285	2.22	-
2417MHz	Pass	PK	2.4178G	113.15	Inf	-Inf	3	Horizontal	285	2.22	-
2437MHz	Pass	AV	2.3898G	48.15	54.00	-5.85	3	Vertical	287	2.28	-
2437MHz	Pass	AV	2.4378G	106.52	Inf	-Inf	3	Vertical	287	2.28	-
2437MHz	Pass	AV	2.4835G	50.78	54.00	-3.22	3	Vertical	287	2.28	-
2437MHz	Pass	PK	2.3894G	59.00	74.00	-15.00	3	Vertical	287	2.28	-
2437MHz	Pass	PK	2.439G	115.46	Inf	-Inf	3	Vertical	287	2.28	-
2437MHz	Pass	PK	2.4835G	62.39	74.00	-11.61	3	Vertical	287	2.28	-
2437MHz	Pass	AV	2.3894G	48.10	54.00	-5.90	3	Horizontal	284	1.30	-
2437MHz	Pass	AV	2.4358G	102.89	Inf	-Inf	3	Horizontal	284	1.30	-
2437MHz	Pass	AV	2.4842G	48.82	54.00	-5.18	3	Horizontal	284	1.30	-
2437MHz	Pass	PK	2.3614G	58.84	74.00	-15.16	3	Horizontal	284	1.30	-
2437MHz	Pass	PK	2.4358G	112.23	Inf	-Inf	3	Horizontal	284	1.30	-
2437MHz	Pass	PK	2.4842G	59.41	74.00	-14.59	3	Horizontal	284	1.30	-
2437MHz	Pass	AV	4.87372G	32.15	54.00	-21.85	3	Vertical	352	1.50	-
2437MHz	Pass	AV	7.30872G	38.78	54.00	-15.22	3	Vertical	0	1.41	-
2437MHz	Pass	PK	4.87404G	44.94	74.00	-29.06	3	Vertical	352	1.50	-
2437MHz	Pass	PK	7.31268G	51.08	74.00	-22.92	3	Vertical	0	1.41	-
2437MHz	Pass	AV	4.87824G	32.55	54.00	-21.45	3	Horizontal	22	1.41	-
2437MHz	Pass	AV	7.31012G	44.61	54.00	-9.39	3	Horizontal	288	1.67	-
2437MHz	Pass	PK	4.87776G	45.22	74.00	-28.78	3	Horizontal	22	1.41	-
2437MHz	Pass	PK	7.31012G	57.91	74.00	-16.09	3	Horizontal	288	1.67	-
2457MHz	Pass	AV	2.456G	104.63	Inf	-Inf	3	Vertical	289	1.58	-
2457MHz	Pass	AV	2.4862G	50.86	54.00	-3.14	3	Vertical	289	1.58	-
2457MHz	Pass	PK	2.4564G	113.64	Inf	-Inf	3	Vertical	289	1.58	-
2457MHz	Pass	PK	2.486G	66.36	74.00	-7.64	3	Vertical	289	1.58	-
2457MHz	Pass	AV	2.4578G	104.16	Inf	-Inf	3	Horizontal	68	1.91	-
2457MHz	Pass	AV	2.4835G	50.43	54.00	-3.57	3	Horizontal	68	1.91	-
2457MHz	Pass	PK	2.4576G	113.13	Inf	-Inf	3	Horizontal	68	1.91	-
2457MHz	Pass	PK	2.4844G	63.59	74.00	-10.41	3	Horizontal	68	1.91	-
2462MHz	Pass	AV	2.4604G	102.68	Inf	-Inf	3	Vertical	284	1.98	-
2462MHz	Pass	AV	2.4835G	50.92	54.00	-3.08	3	Vertical	284	1.98	-
2462MHz	Pass	PK	2.4608G	112.72	Inf	-Inf	3	Vertical	284	1.98	-
2462MHz	Pass	PK	2.4842G	63.86	74.00	-10.14	3	Vertical	284	1.98	-
2462MHz	Pass	AV	2.4628G	99.27	Inf	-Inf	3	Horizontal	281	1.47	-
2462MHz	Pass	AV	2.4835G	49.98	54.00	-4.02	3	Horizontal	281	1.47	-
2462MHz	Pass	PK	2.463G	108.21	Inf	-Inf	3	Horizontal	281	1.47	-
2462MHz	Pass	PK	2.4836G	64.40	74.00	-9.60	3	Horizontal	281	1.47	-
2462MHz	Pass	AV	4.92404G	31.60	54.00	-22.40	3	Vertical	11	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	7.37924G	37.20	54.00	-16.80	3	Vertical	231	1.50	-
2462MHz	Pass	PK	4.9244G	44.05	74.00	-29.95	3	Vertical	11	1.50	-
2462MHz	Pass	PK	7.38712G	50.21	74.00	-23.79	3	Vertical	231	1.50	-
2462MHz	Pass	AV	4.92276G	31.84	54.00	-22.16	3	Horizontal	11	1.50	-
2462MHz	Pass	AV	7.38344G	38.02	54.00	-15.98	3	Horizontal	301	3.00	-
2462MHz	Pass	PK	4.92404G	44.09	74.00	-29.91	3	Horizontal	11	1.50	-
2462MHz	Pass	PK	7.38308G	51.09	74.00	-22.91	3	Horizontal	301	3.00	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.80	54.00	-3.20	3	Vertical	332	1.58	-
2412MHz	Pass	AV	2.413G	100.32	Inf	-Inf	3	Vertical	332	1.58	-
2412MHz	Pass	PK	2.39G	62.19	74.00	-11.81	3	Vertical	332	1.58	-
2412MHz	Pass	PK	2.4154G	111.67	Inf	-Inf	3	Vertical	332	1.58	-
2412MHz	Pass	AV	2.3896G	50.45	54.00	-3.55	3	Horizontal	280	2.21	-
2412MHz	Pass	AV	2.4148G	101.01	Inf	-Inf	3	Horizontal	280	2.21	-
2412MHz	Pass	PK	2.3892G	63.97	74.00	-10.03	3	Horizontal	280	2.21	-
2412MHz	Pass	PK	2.4126G	112.14	Inf	-Inf	3	Horizontal	280	2.21	-
2412MHz	Pass	AV	4.81948G	31.16	54.00	-22.84	3	Vertical	360	1.42	-
2412MHz	Pass	PK	4.82168G	44.01	74.00	-29.99	3	Vertical	360	1.42	-
2412MHz	Pass	AV	4.82336G	30.97	54.00	-23.03	3	Horizontal	30	1.12	-
2412MHz	Pass	PK	4.81544G	43.96	74.00	-30.04	3	Horizontal	30	1.12	-
2417MHz	Pass	AV	2.3898G	50.80	54.00	-3.20	3	Vertical	285	2.06	-
2417MHz	Pass	AV	2.4176G	104.17	Inf	-Inf	3	Vertical	285	2.06	-
2417MHz	Pass	PK	2.3896G	64.66	74.00	-9.34	3	Vertical	285	2.06	-
2417MHz	Pass	PK	2.4196G	116.26	Inf	-Inf	3	Vertical	285	2.06	-
2417MHz	Pass	AV	2.389G	50.44	54.00	-3.56	3	Horizontal	282	2.23	-
2417MHz	Pass	AV	2.416G	104.29	Inf	-Inf	3	Horizontal	282	2.23	-
2417MHz	Pass	PK	2.3886G	64.69	74.00	-9.31	3	Horizontal	282	2.23	-
2417MHz	Pass	PK	2.4184G	114.66	Inf	-Inf	3	Horizontal	282	2.23	-
2437MHz	Pass	AV	2.3898G	48.48	54.00	-5.52	3	Vertical	286	2.27	-
2437MHz	Pass	AV	2.4362G	106.80	Inf	-Inf	3	Vertical	286	2.27	-
2437MHz	Pass	AV	2.4838G	50.79	54.00	-3.21	3	Vertical	286	2.27	-
2437MHz	Pass	PK	2.3782G	58.92	74.00	-15.08	3	Vertical	286	2.27	-
2437MHz	Pass	PK	2.4386G	118.04	Inf	-Inf	3	Vertical	286	2.27	-
2437MHz	Pass	PK	2.4862G	61.54	74.00	-12.46	3	Vertical	286	2.27	-
2437MHz	Pass	AV	2.3898G	48.82	54.00	-5.18	3	Horizontal	282	2.16	-
2437MHz	Pass	AV	2.4374G	102.46	Inf	-Inf	3	Horizontal	282	2.16	-
2437MHz	Pass	AV	2.4858G	48.40	54.00	-5.60	3	Horizontal	282	2.16	-
2437MHz	Pass	PK	2.3894G	58.97	74.00	-15.03	3	Horizontal	282	2.16	-
2437MHz	Pass	PK	2.433G	112.44	Inf	-Inf	3	Horizontal	282	2.16	-
2437MHz	Pass	PK	2.4835G	59.14	74.00	-14.86	3	Horizontal	282	2.16	-
2437MHz	Pass	AV	4.87288G	31.93	54.00	-22.07	3	Vertical	1	2.99	-
2437MHz	Pass	AV	7.31008G	41.78	54.00	-12.22	3	Vertical	360	1.52	-
2437MHz	Pass	PK	4.87008G	44.55	74.00	-29.45	3	Vertical	1	2.99	-
2437MHz	Pass	PK	7.31636G	50.92	74.00	-23.08	3	Vertical	360	1.52	-
2437MHz	Pass	AV	4.87596G	32.28	54.00	-21.72	3	Horizontal	29	1.44	-
2437MHz	Pass	AV	7.31176G	43.91	54.00	-10.09	3	Horizontal	281	1.83	-
2437MHz	Pass	PK	4.87156G	44.90	74.00	-29.10	3	Horizontal	29	1.44	-
2437MHz	Pass	PK	7.31652G	57.75	74.00	-16.25	3	Horizontal	281	1.83	-
2457MHz	Pass	AV	2.4588G	103.97	Inf	-Inf	3	Vertical	288	1.58	-
2457MHz	Pass	AV	2.4835G	50.99	54.00	-3.01	3	Vertical	288	1.58	-
2457MHz	Pass	PK	2.4564G	114.32	Inf	-Inf	3	Vertical	288	1.58	-
2457MHz	Pass	PK	2.4838G	64.03	74.00	-9.97	3	Vertical	288	1.58	-
2457MHz	Pass	AV	2.4574G	102.80	Inf	-Inf	3	Horizontal	67	1.92	-
2457MHz	Pass	AV	2.4835G	49.90	54.00	-4.10	3	Horizontal	67	1.92	-
2457MHz	Pass	PK	2.458G	112.56	Inf	-Inf	3	Horizontal	67	1.92	-
2457MHz	Pass	PK	2.4848G	63.81	74.00	-10.19	3	Horizontal	67	1.92	-
2462MHz	Pass	AV	2.4626G	101.45	Inf	-Inf	3	Vertical	290	1.97	-
2462MHz	Pass	AV	2.4835G	50.94	54.00	-3.06	3	Vertical	290	1.97	-
2462MHz	Pass	PK	2.4632G	113.36	Inf	-Inf	3	Vertical	290	1.97	-
2462MHz	Pass	PK	2.4836G	64.98	74.00	-9.02	3	Vertical	290	1.97	-
2462MHz	Pass	AV	2.461G	97.70	Inf	-Inf	3	Horizontal	277	1.92	-
2462MHz	Pass	AV	2.484G	50.64	54.00	-3.36	3	Horizontal	277	1.92	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	2.4606G	108.53	Inf	-Inf	3	Horizontal	277	1.92	-
2462MHz	Pass	PK	2.4836G	63.59	74.00	-10.41	3	Horizontal	277	1.92	-
2462MHz	Pass	AV	4.9292G	31.32	54.00	-22.68	3	Vertical	360	1.50	-
2462MHz	Pass	AV	7.3804G	37.04	54.00	-16.96	3	Vertical	144	1.51	-
2462MHz	Pass	PK	4.91408G	44.50	74.00	-29.50	3	Vertical	360	1.50	-
2462MHz	Pass	PK	7.38732G	49.83	74.00	-24.17	3	Vertical	144	1.51	-
2462MHz	Pass	AV	4.92388G	31.73	54.00	-22.27	3	Horizontal	24	1.50	-
2462MHz	Pass	AV	7.38124G	37.45	54.00	-16.55	3	Horizontal	266	2.81	-
2462MHz	Pass	PK	4.92808G	44.04	74.00	-29.96	3	Horizontal	24	1.50	-
2462MHz	Pass	PK	7.39552G	50.14	74.00	-23.86	3	Horizontal	266	2.81	-

802.11b_Nss1,(1Mbps)_2TX

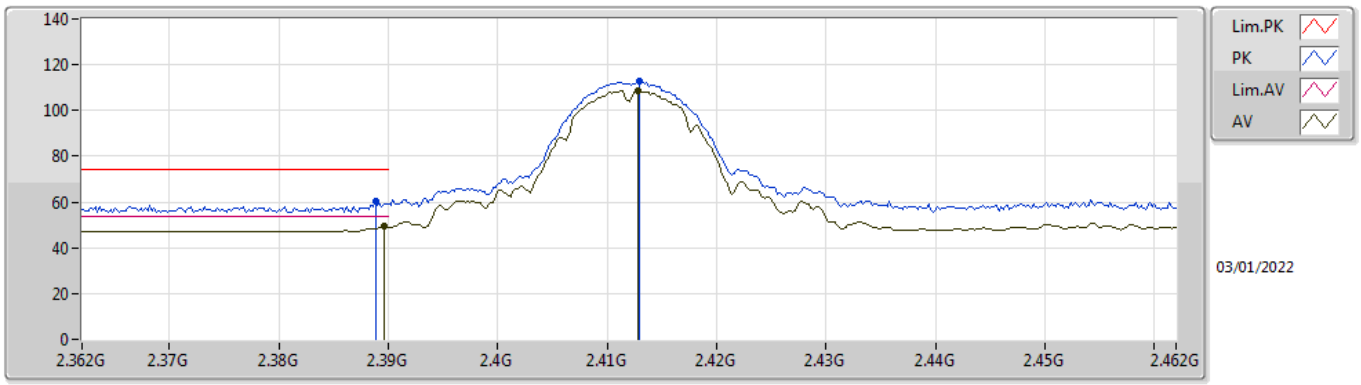
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.91	54.00	-5.09	34.98	3	Vertical	318	2.08	-	13.93	27.72	7.26	-
AV	2.4128G	111.06	Inf	-Inf	34.89	3	Vertical	318	2.08	-	76.17	27.62	7.27	-
PK	2.3894G	58.87	74.00	-15.13	34.98	3	Vertical	318	2.08	-	23.89	27.72	7.26	-
PK	2.413G	115.11	Inf	-Inf	34.89	3	Vertical	318	2.08	-	80.22	27.62	7.27	-

802.11b_Nss1,(1Mbps)_2TX

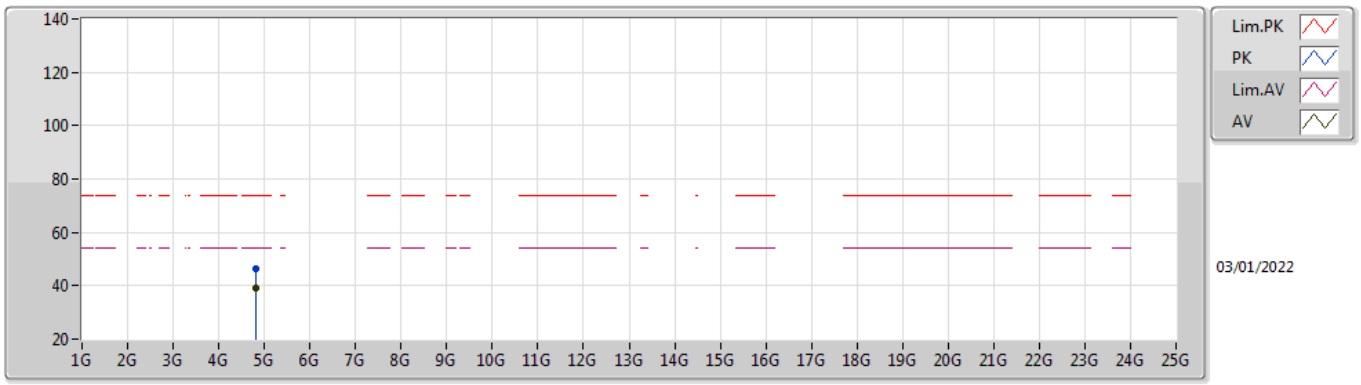
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	49.41	54.00	-4.59	34.98	3	Horizontal	5	2.75	-	14.43	27.72	7.26	-
AV	2.4128G	108.67	Inf	-Inf	34.89	3	Horizontal	5	2.75	-	73.78	27.62	7.27	-
PK	2.3888G	60.25	74.00	-13.75	34.97	3	Horizontal	5	2.75	-	25.28	27.72	7.25	-
PK	2.413G	112.61	Inf	-Inf	34.89	3	Horizontal	5	2.75	-	77.72	27.62	7.27	-

802.11b_Nss1,(1Mbps)_2TX

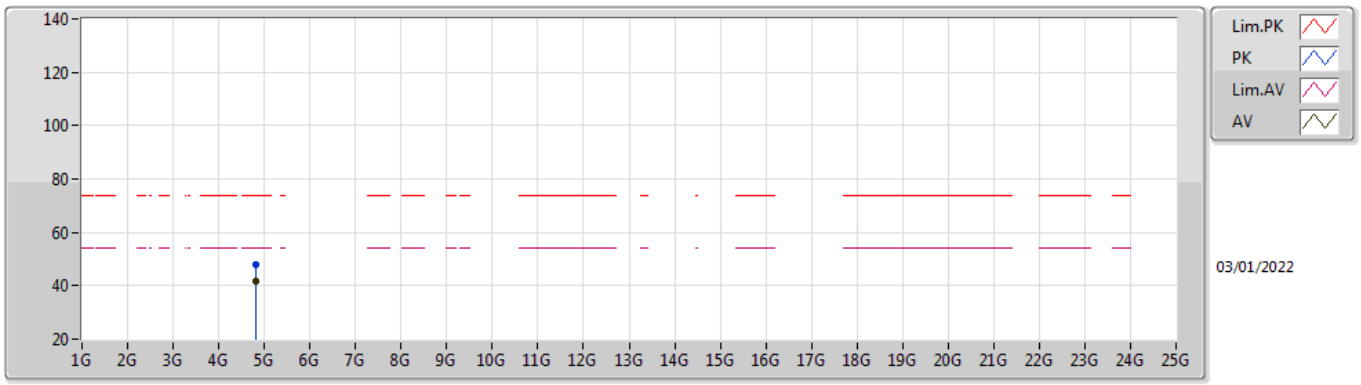
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	38.91	54.00	-15.09	5.89	3	Vertical	63	3.00	-	33.02	31.15	8.92	34.18
PK	4.8238G	46.35	74.00	-27.65	5.89	3	Vertical	63	3.00	-	40.46	31.15	8.92	34.18

802.11b_Nss1,(1Mbps)_2TX

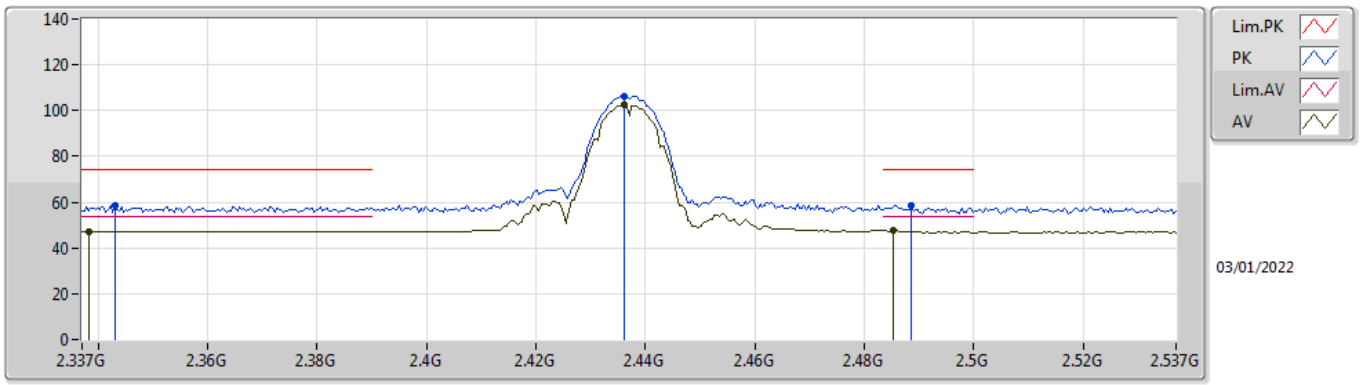
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82392G	41.76	54.00	-12.24	5.89	3	Horizontal	272	1.00	-	35.87	31.15	8.92	34.18
PK	4.82388G	48.00	74.00	-26.00	5.89	3	Horizontal	272	1.00	-	42.11	31.15	8.92	34.18

802.11b_Nss1,(1Mbps)_2TX

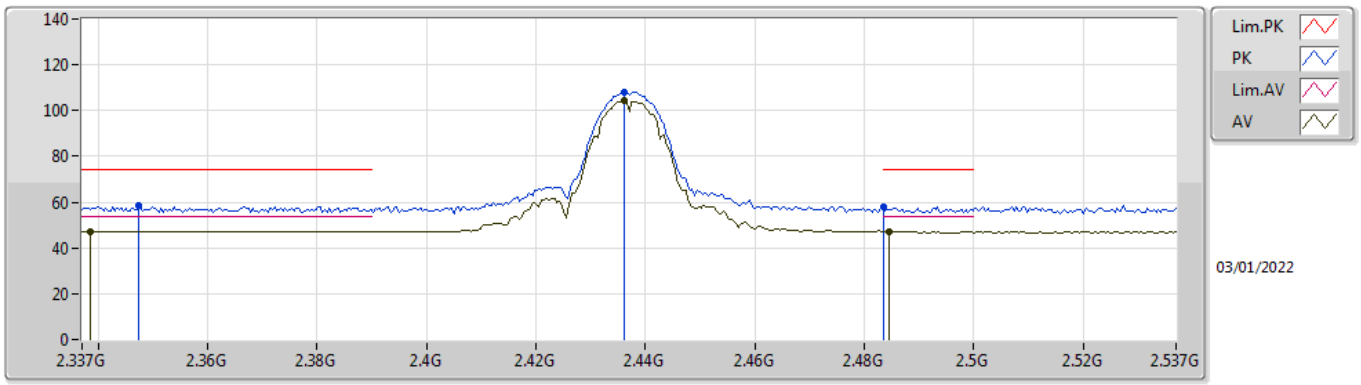
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3382G	47.36	54.00	-6.64	35.05	3	Vertical	322	2.45	-	12.31	27.82	7.23	-
AV	2.4362G	102.68	Inf	-Inf	34.77	3	Vertical	322	2.45	-	67.91	27.48	7.29	-
AV	2.4854G	47.58	54.00	-6.42	34.73	3	Vertical	322	2.45	-	12.85	27.40	7.33	-
PK	2.343G	58.49	74.00	-15.51	35.04	3	Vertical	322	2.45	-	23.45	27.81	7.23	-
PK	2.4362G	106.50	Inf	-Inf	34.77	3	Vertical	322	2.45	-	71.73	27.48	7.29	-
PK	2.4886G	58.61	74.00	-15.39	34.73	3	Vertical	322	2.45	-	23.88	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

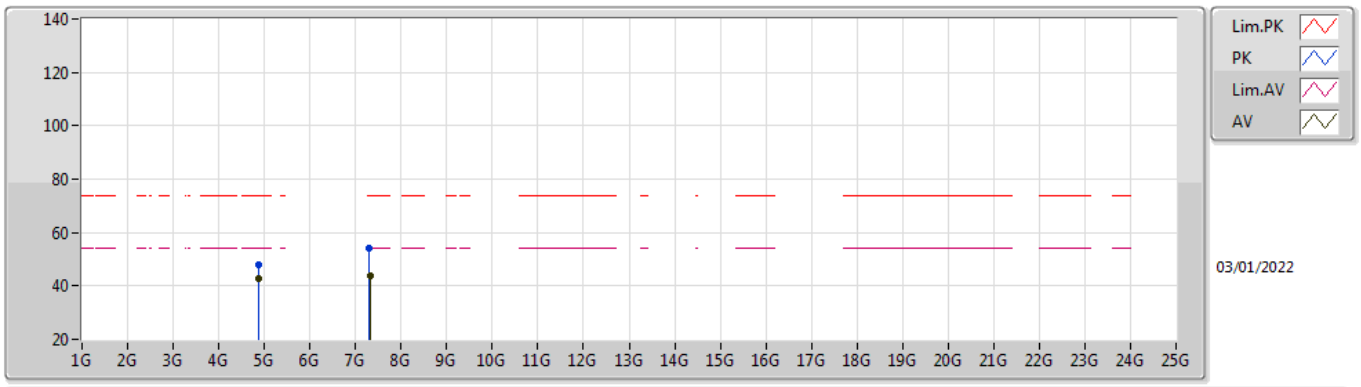
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3386G	47.35	54.00	-6.65	35.05	3	Horizontal	281	1.73	-	12.30	27.82	7.23	-
AV	2.4362G	104.40	Inf	-Inf	34.77	3	Horizontal	281	1.73	-	69.63	27.48	7.29	-
AV	2.4846G	47.18	54.00	-6.82	34.73	3	Horizontal	281	1.73	-	12.45	27.40	7.33	-
PK	2.3474G	58.72	74.00	-15.28	35.05	3	Horizontal	281	1.73	-	23.67	27.81	7.24	-
PK	2.4362G	108.15	Inf	-Inf	34.77	3	Horizontal	281	1.73	-	73.38	27.48	7.29	-
PK	2.4835G	58.11	74.00	-15.89	34.73	3	Horizontal	281	1.73	-	23.38	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

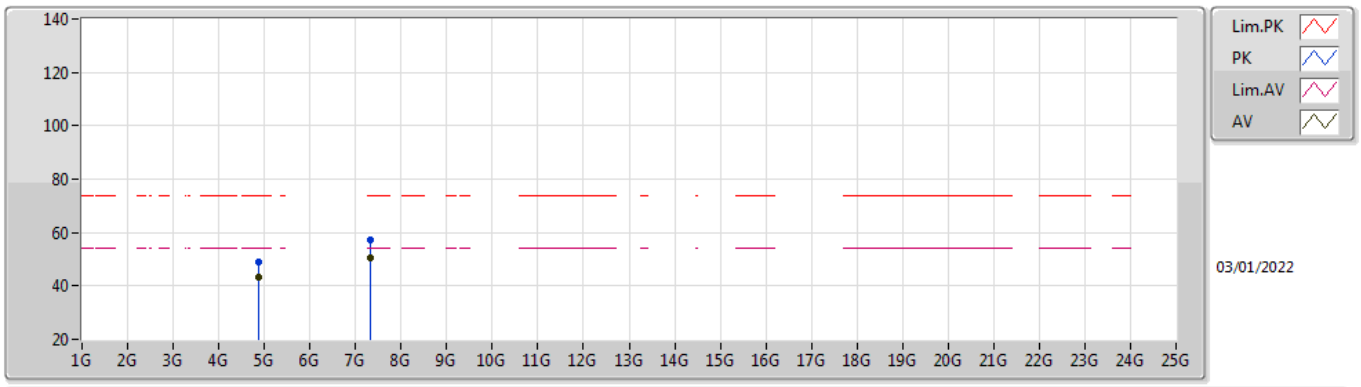
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	42.87	54.00	-11.13	6.00	3	Vertical	359	1.69	-	36.87	31.20	8.96	34.16
AV	7.31164G	44.04	54.00	-9.96	12.50	3	Vertical	228	1.65	-	31.54	36.38	10.62	34.50
PK	4.87416G	48.12	74.00	-25.88	6.00	3	Vertical	359	1.69	-	42.12	31.20	8.96	34.16
PK	7.30996G	53.96	74.00	-20.04	12.50	3	Vertical	228	1.65	-	41.46	36.38	10.62	34.50

802.11b_Nss1,(1Mbps)_2TX

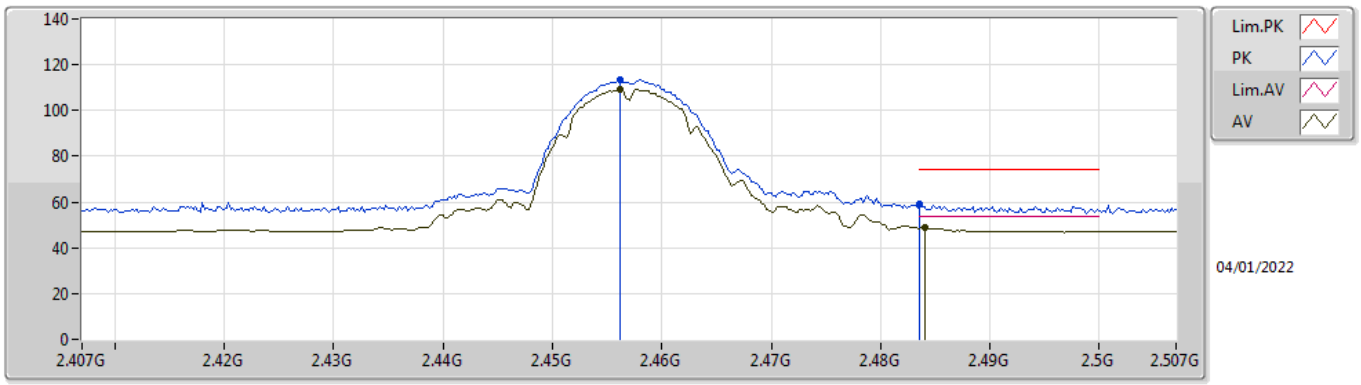
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87396G	43.44	54.00	-10.56	6.00	3	Horizontal	43	1.17	-	37.44	31.20	8.96	34.16
AV	7.31164G	50.50	54.00	-3.50	12.50	3	Horizontal	282	1.66	-	38.00	36.38	10.62	34.50
PK	4.87384G	48.91	74.00	-25.09	6.00	3	Horizontal	43	1.17	-	42.91	31.20	8.96	34.16
PK	7.31204G	57.17	74.00	-16.83	12.50	3	Horizontal	282	1.66	-	44.67	36.38	10.62	34.50

802.11b_Nss1,(1Mbps)_2TX

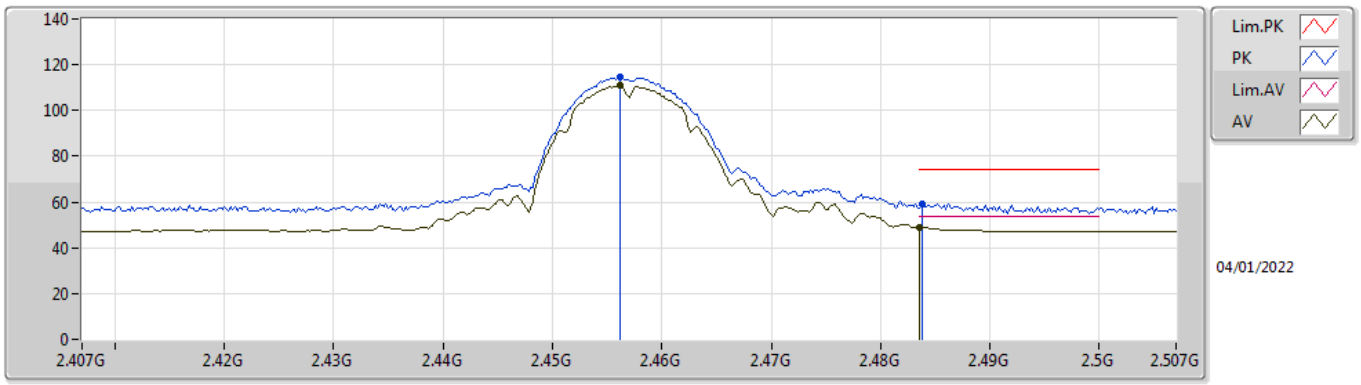
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4562G	109.36	Inf	-Inf	34.70	3	Vertical	44	1.00	-	74.66	27.40	7.30	-
AV	2.484G	48.68	54.00	-5.32	34.73	3	Vertical	44	1.00	-	13.95	27.40	7.33	-
PK	2.4562G	113.22	Inf	-Inf	34.70	3	Vertical	44	1.00	-	78.52	27.40	7.30	-
PK	2.4836G	58.96	74.00	-15.04	34.73	3	Vertical	44	1.00	-	24.23	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

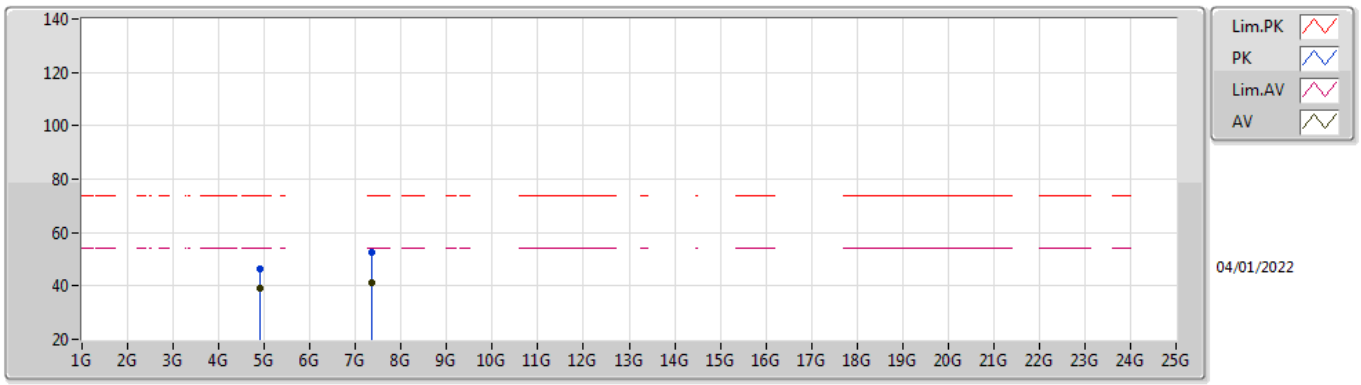
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4562G	110.77	Inf	-Inf	34.70	3	Horizontal	68	1.61	-	76.07	27.40	7.30	-
AV	2.4835G	48.73	54.00	-5.27	34.73	3	Horizontal	68	1.61	-	14.00	27.40	7.33	-
PK	2.4562G	114.72	Inf	-Inf	34.70	3	Horizontal	68	1.61	-	80.02	27.40	7.30	-
PK	2.4838G	59.31	74.00	-14.69	34.73	3	Horizontal	68	1.61	-	24.58	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

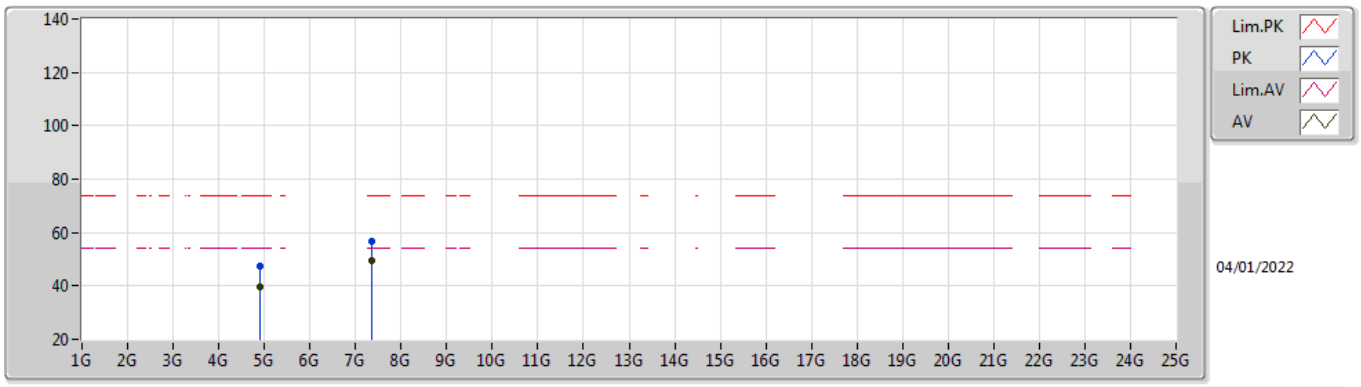
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.91396G	39.21	54.00	-14.79	6.11	3	Vertical	360	1.79	-	33.10	31.26	8.99	34.14
AV	7.36976G	41.32	54.00	-12.68	12.45	3	Vertical	226	1.57	-	28.87	36.26	10.68	34.49
PK	4.91404G	46.53	74.00	-27.47	6.11	3	Vertical	360	1.79	-	40.42	31.26	8.99	34.14
PK	7.36908G	52.53	74.00	-21.47	12.45	3	Vertical	226	1.57	-	40.08	36.26	10.68	34.49

802.11b_Nss1,(1Mbps)_2TX

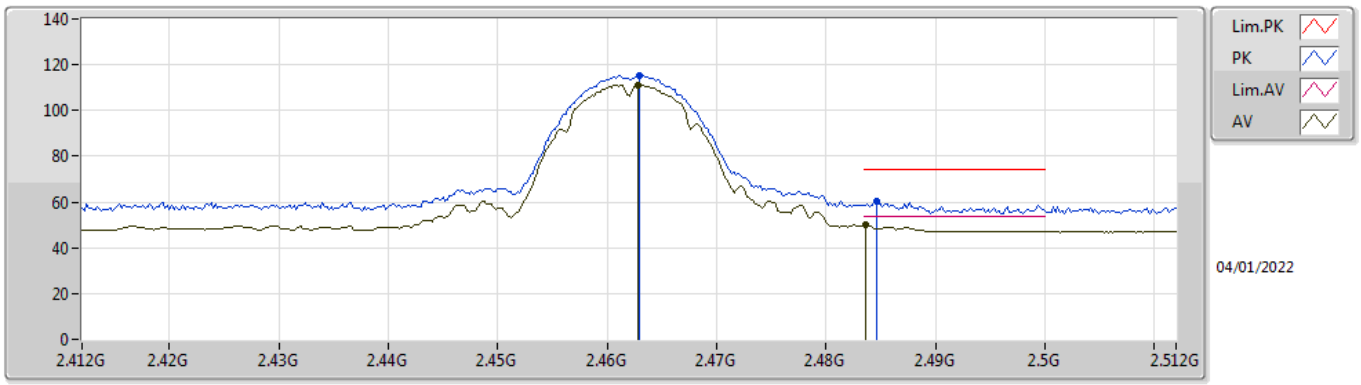
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.914G	39.67	54.00	-14.33	6.11	3	Horizontal	24	1.50	-	33.56	31.26	8.99	34.14
AV	7.36972G	49.40	54.00	-4.60	12.45	3	Horizontal	260	1.72	-	36.95	36.26	10.68	34.49
PK	4.91408G	47.23	74.00	-26.77	6.11	3	Horizontal	24	1.50	-	41.12	31.26	8.99	34.14
PK	7.37004G	56.66	74.00	-17.34	12.45	3	Horizontal	260	1.72	-	44.21	36.26	10.68	34.49

802.11b_Nss1,(1Mbps)_2TX

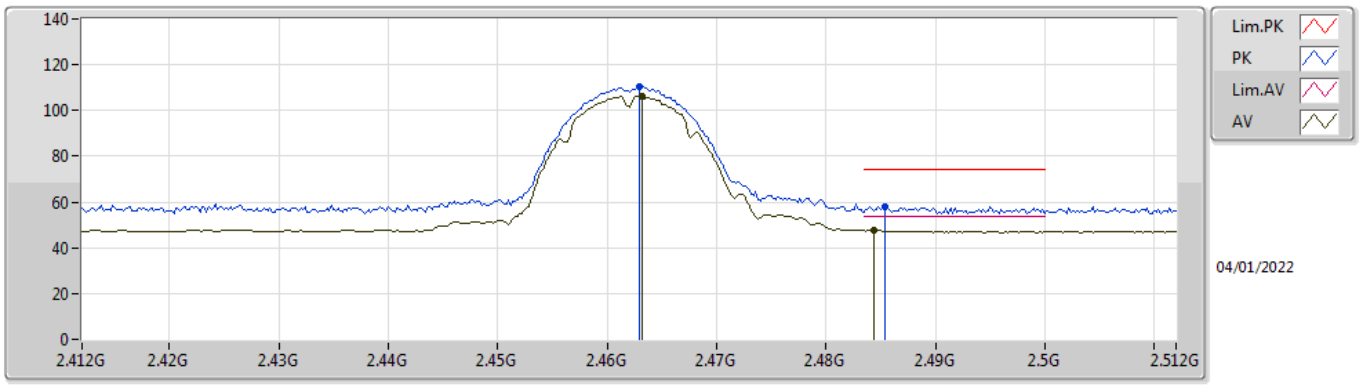
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4628G	111.24	Inf	-Inf	34.71	3	Vertical	284	1.97	-	76.53	27.40	7.31	-
AV	2.4836G	49.95	54.00	-4.05	34.73	3	Vertical	284	1.97	-	15.22	27.40	7.33	-
PK	2.463G	115.43	Inf	-Inf	34.71	3	Vertical	284	1.97	-	80.72	27.40	7.31	-
PK	2.4846G	60.52	74.00	-13.48	34.73	3	Vertical	284	1.97	-	25.79	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

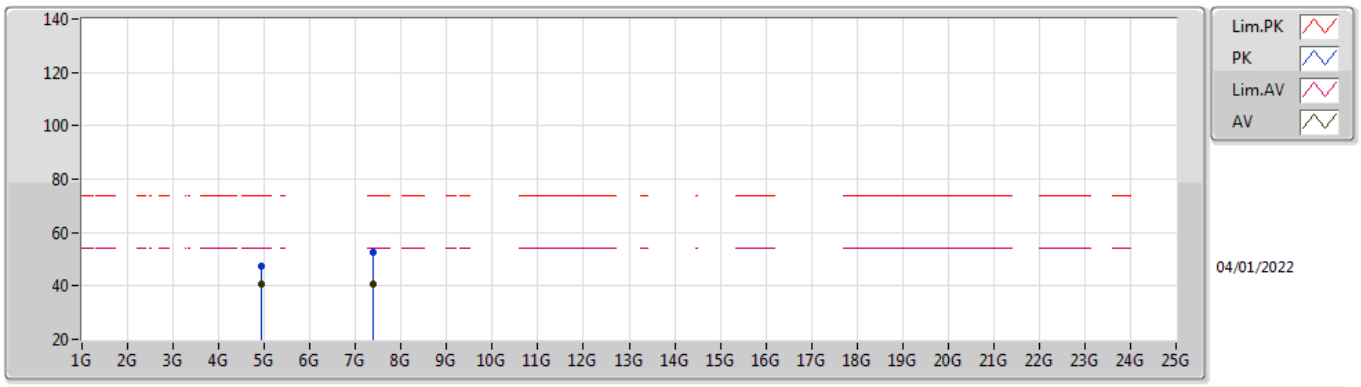
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4632G	106.11	Inf	-Inf	34.71	3	Horizontal	300	2.15	-	71.40	27.40	7.31	-
AV	2.4844G	47.55	54.00	-6.45	34.73	3	Horizontal	300	2.15	-	12.82	27.40	7.33	-
PK	2.463G	110.25	Inf	-Inf	34.71	3	Horizontal	300	2.15	-	75.54	27.40	7.31	-
PK	2.4854G	57.98	74.00	-16.02	34.73	3	Horizontal	300	2.15	-	23.25	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

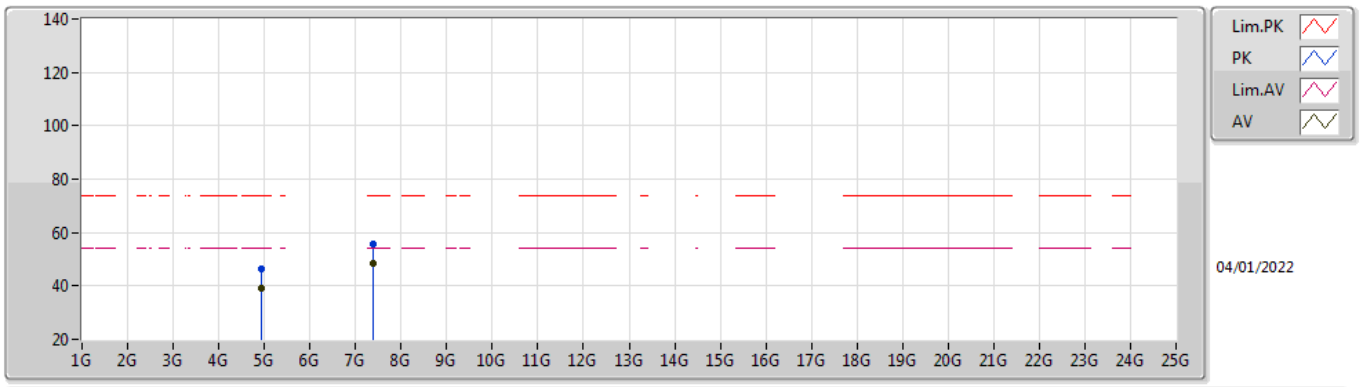
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92396G	40.57	54.00	-13.43	6.15	3	Vertical	360	1.73	-	34.42	31.30	8.99	34.14
AV	7.38528G	40.93	54.00	-13.07	12.44	3	Vertical	350	1.64	-	28.49	36.23	10.70	34.49
PK	4.92412G	47.29	74.00	-26.71	6.15	3	Vertical	360	1.73	-	41.14	31.30	8.99	34.14
PK	7.3878G	52.51	74.00	-21.49	12.43	3	Vertical	350	1.64	-	40.08	36.22	10.70	34.49

802.11b_Nss1,(1Mbps)_2TX

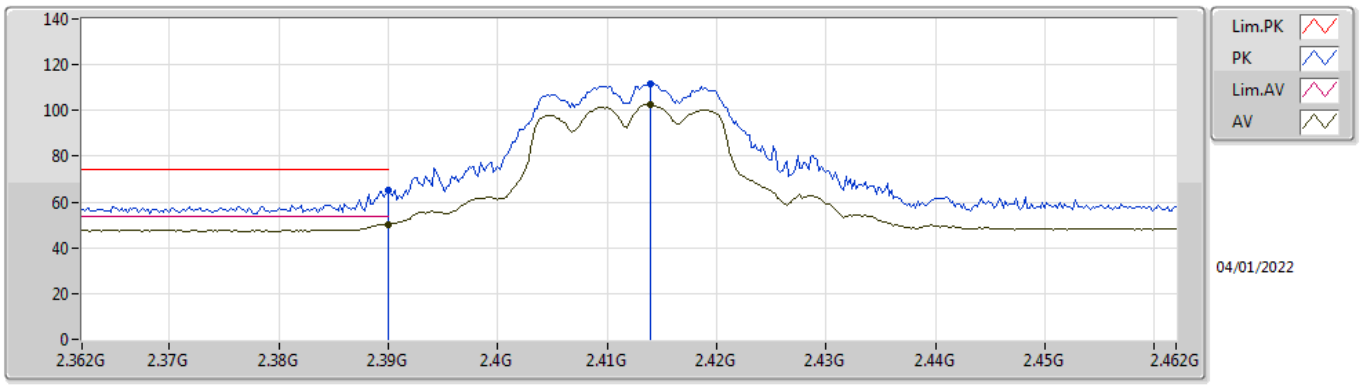
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92396G	39.29	54.00	-14.71	6.15	3	Horizontal	17	1.50	-	33.14	31.30	8.99	34.14
AV	7.38524G	48.57	54.00	-5.43	12.44	3	Horizontal	298	3.00	-	36.13	36.23	10.70	34.49
PK	4.92416G	46.35	74.00	-27.65	6.15	3	Horizontal	17	1.50	-	40.20	31.30	8.99	34.14
PK	7.38684G	55.74	74.00	-18.26	12.44	3	Horizontal	298	3.00	-	43.30	36.23	10.70	34.49

802.11g_Nss1,(6Mbps)_2TX

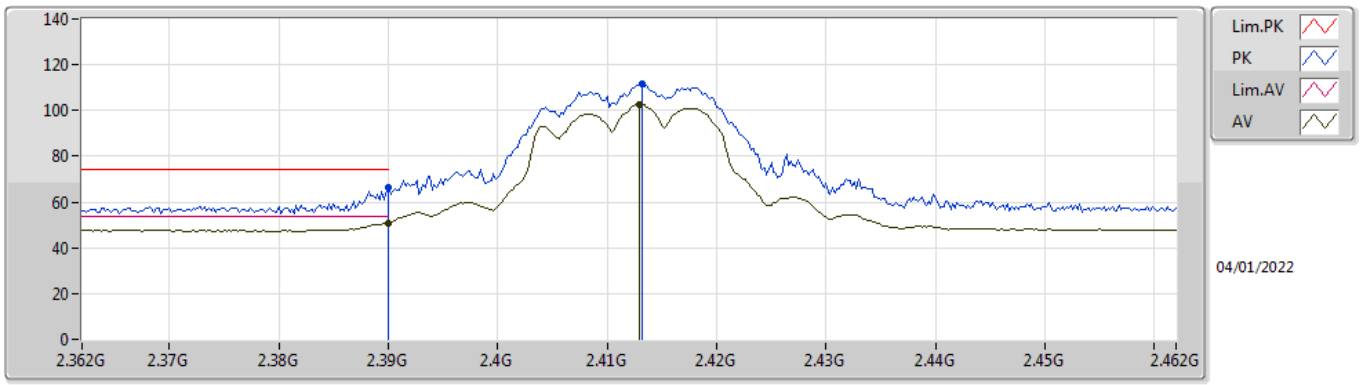
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.30	54.00	-3.70	34.98	3	Vertical	336	2.08	-	15.32	27.72	7.26	-
AV	2.414G	102.76	Inf	-Inf	34.89	3	Vertical	336	2.08	-	67.87	27.62	7.27	-
PK	2.39G	65.36	74.00	-8.64	34.98	3	Vertical	336	2.08	-	30.38	27.72	7.26	-
PK	2.414G	111.77	Inf	-Inf	34.89	3	Vertical	336	2.08	-	76.88	27.62	7.27	-

802.11g_Nss1,(6Mbps)_2TX

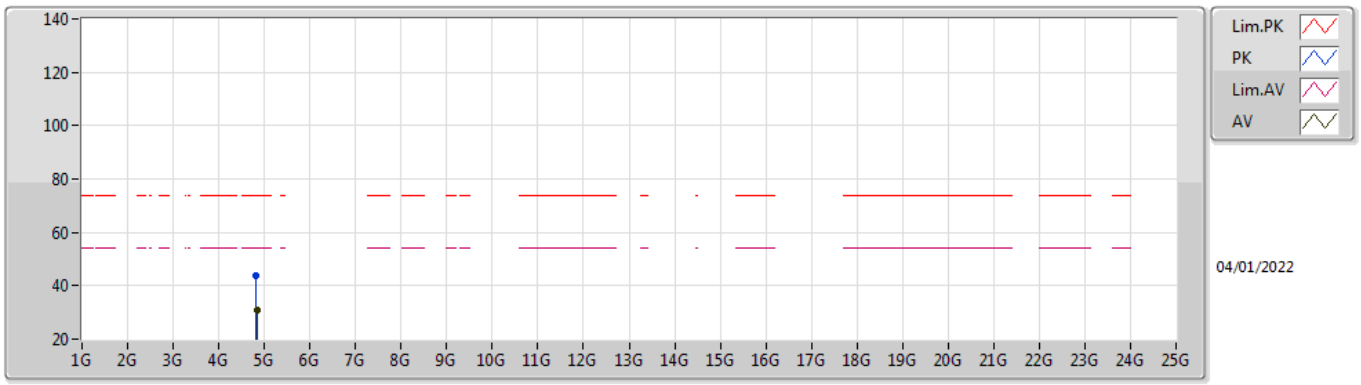
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.60	54.00	-3.40	34.98	3	Horizontal	282	2.19	-	15.62	27.72	7.26	-
AV	2.413G	102.76	Inf	-Inf	34.89	3	Horizontal	282	2.19	-	67.87	27.62	7.27	-
PK	2.39G	66.46	74.00	-7.54	34.98	3	Horizontal	282	2.19	-	31.48	27.72	7.26	-
PK	2.4132G	111.66	Inf	-Inf	34.89	3	Horizontal	282	2.19	-	76.77	27.62	7.27	-

802.11g_Nss1,(6Mbps)_2TX

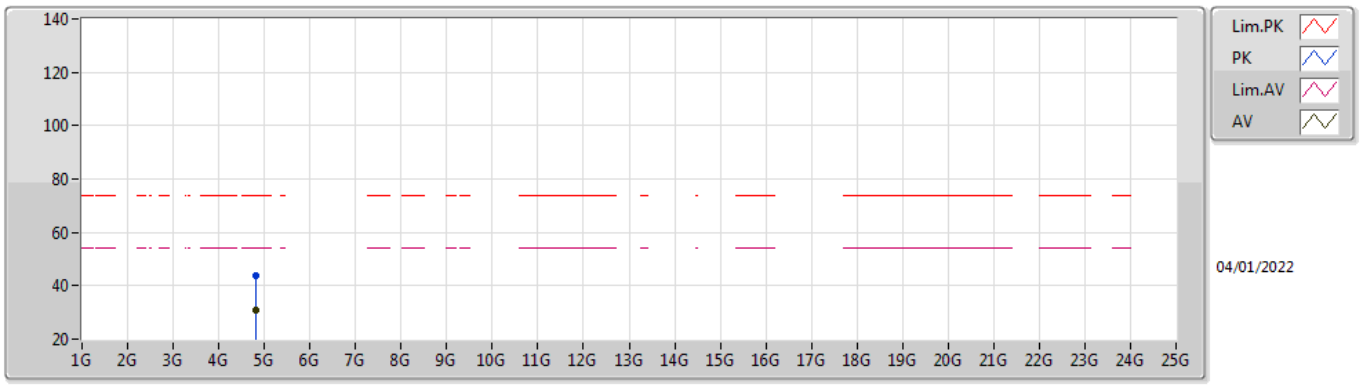
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.83392G	30.73	54.00	-23.27	5.92	3	Vertical	270	1.86	-	24.81	31.17	8.93	34.18
PK	4.82644G	43.64	74.00	-30.36	5.89	3	Vertical	270	1.86	-	37.75	31.15	8.92	34.18

802.11g_Nss1,(6Mbps)_2TX

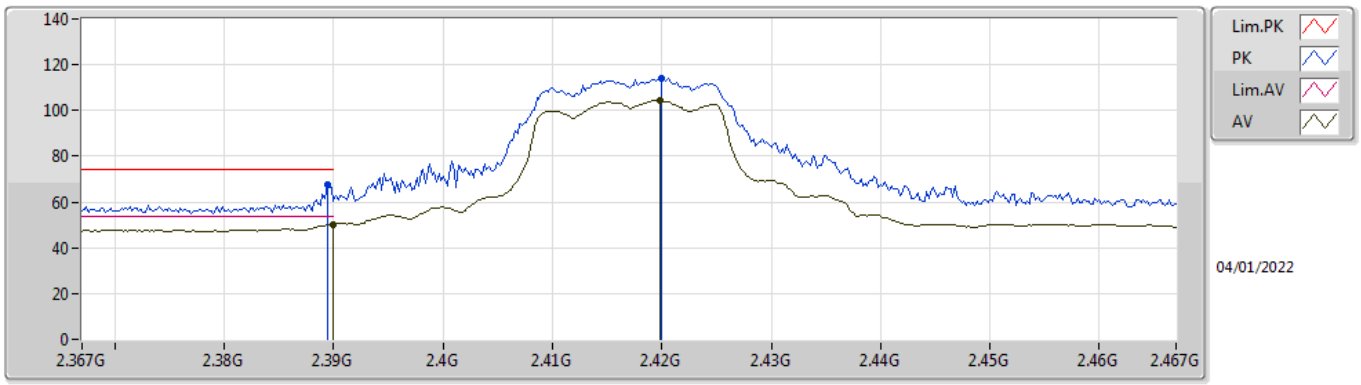
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.81936G	30.97	54.00	-23.03	5.86	3	Horizontal	275	1.12	-	25.11	31.14	8.91	34.19
PK	4.81592G	43.64	74.00	-30.36	5.85	3	Horizontal	275	1.12	-	37.79	31.13	8.91	34.19

802.11g_Nss1,(6Mbps)_2TX

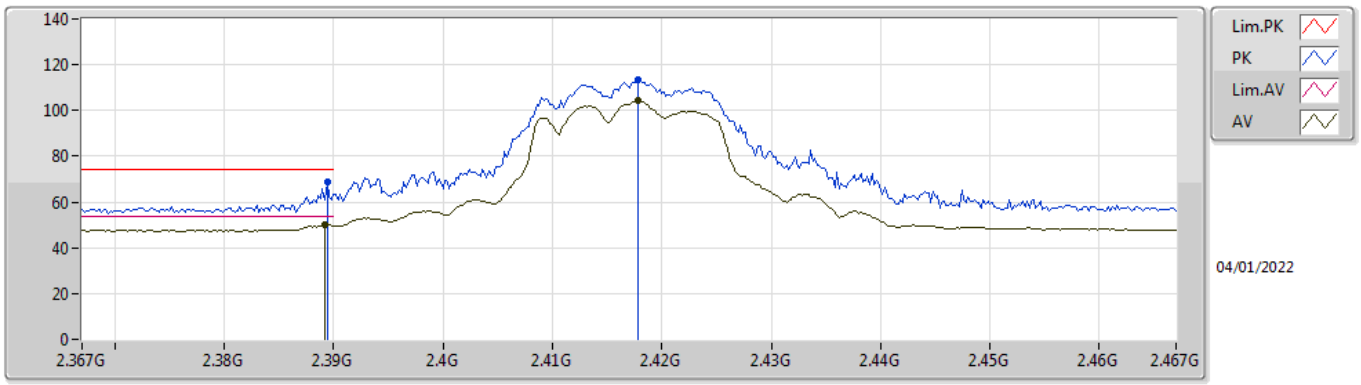
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.36	54.00	-3.64	34.98	3	Vertical	290	1.59	-	15.38	27.72	7.26	-
AV	2.4198G	104.27	Inf	-Inf	34.86	3	Vertical	290	1.59	-	69.41	27.58	7.28	-
PK	2.3894G	67.53	74.00	-6.47	34.98	3	Vertical	290	1.59	-	32.55	27.72	7.26	-
PK	2.42G	113.94	Inf	-Inf	34.86	3	Vertical	290	1.59	-	79.08	27.58	7.28	-

802.11g_Nss1,(6Mbps)_2TX

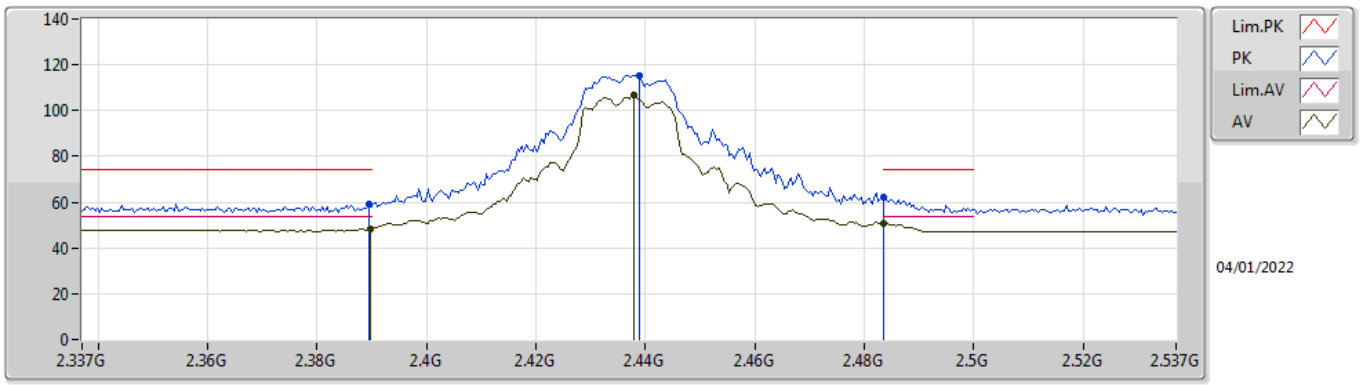
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	50.01	54.00	-3.99	34.98	3	Horizontal	285	2.22	-	15.03	27.72	7.26	-
AV	2.4178G	104.19	Inf	-Inf	34.86	3	Horizontal	285	2.22	-	69.33	27.59	7.27	-
PK	2.3894G	68.58	74.00	-5.42	34.98	3	Horizontal	285	2.22	-	33.60	27.72	7.26	-
PK	2.4178G	113.15	Inf	-Inf	34.86	3	Horizontal	285	2.22	-	78.29	27.59	7.27	-

802.11g_Nss1,(6Mbps)_2TX

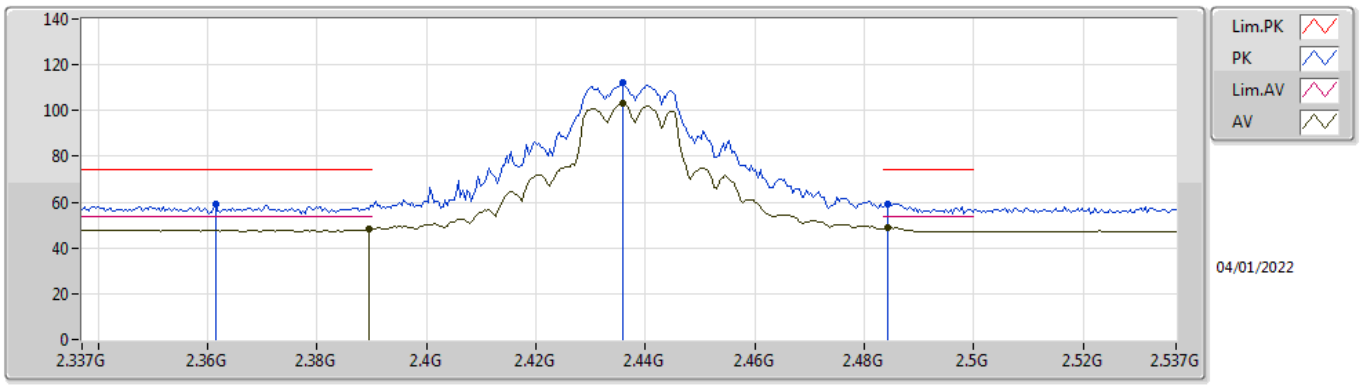
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	48.15	54.00	-5.85	34.98	3	Vertical	287	2.28	-	13.17	27.72	7.26	-
AV	2.4378G	106.52	Inf	-Inf	34.76	3	Vertical	287	2.28	-	71.76	27.47	7.29	-
AV	2.4835G	50.78	54.00	-3.22	34.73	3	Vertical	287	2.28	-	16.05	27.40	7.33	-
PK	2.3894G	59.00	74.00	-15.00	34.98	3	Vertical	287	2.28	-	24.02	27.72	7.26	-
PK	2.439G	115.46	Inf	-Inf	34.76	3	Vertical	287	2.28	-	80.70	27.47	7.29	-
PK	2.4835G	62.39	74.00	-11.61	34.73	3	Vertical	287	2.28	-	27.66	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

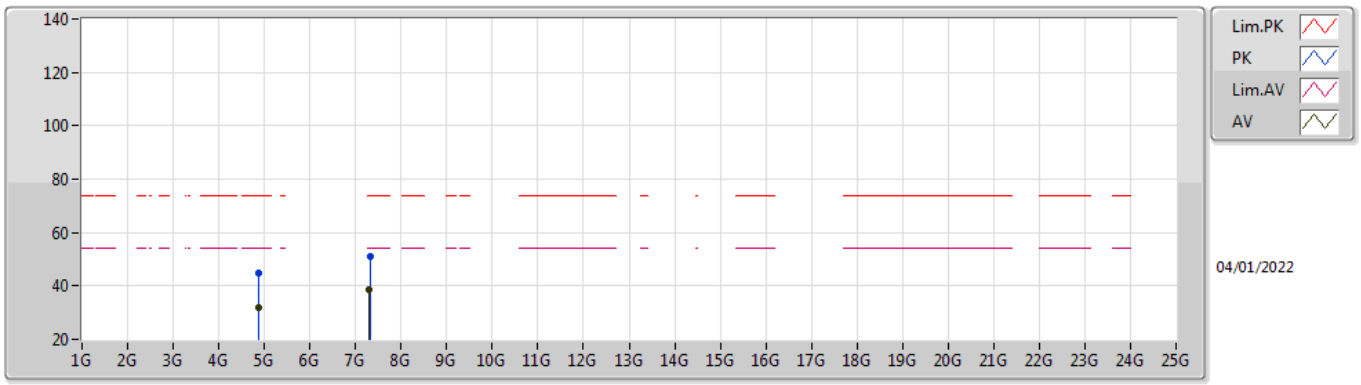
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	48.10	54.00	-5.90	34.98	3	Horizontal	284	1.30	-	13.12	27.72	7.26	-
AV	2.4358G	102.89	Inf	-Inf	34.78	3	Horizontal	284	1.30	-	68.11	27.49	7.29	-
AV	2.4842G	48.82	54.00	-5.18	34.73	3	Horizontal	284	1.30	-	14.09	27.40	7.33	-
PK	2.3614G	58.84	74.00	-15.16	35.02	3	Horizontal	284	1.30	-	23.82	27.78	7.24	-
PK	2.4358G	112.23	Inf	-Inf	34.78	3	Horizontal	284	1.30	-	77.45	27.49	7.29	-
PK	2.4842G	59.41	74.00	-14.59	34.73	3	Horizontal	284	1.30	-	24.68	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

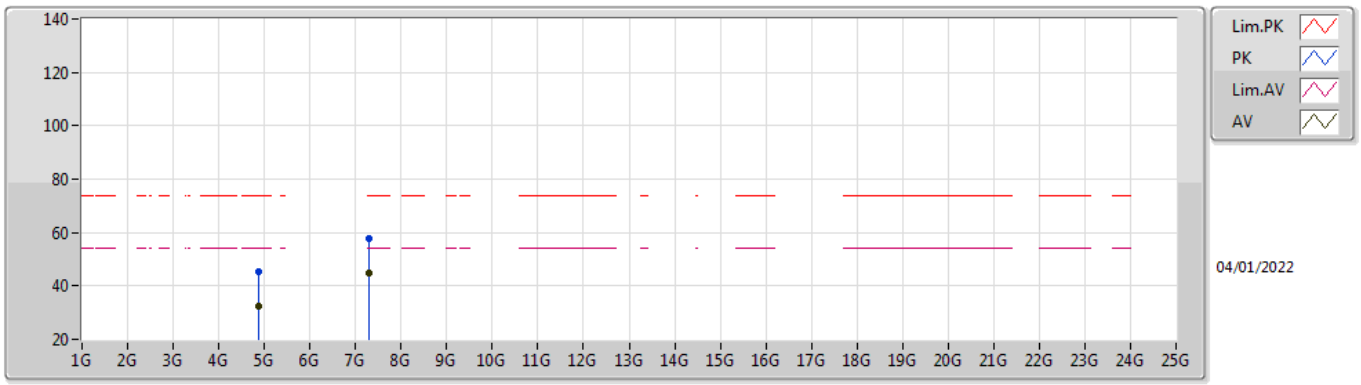
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87372G	32.15	54.00	-21.85	6.00	3	Vertical	352	1.50	-	26.15	31.20	8.96	34.16
AV	7.30872G	38.78	54.00	-15.22	12.50	3	Vertical	0	1.41	-	26.28	36.38	10.62	34.50
PK	4.87404G	44.94	74.00	-29.06	6.00	3	Vertical	352	1.50	-	38.94	31.20	8.96	34.16
PK	7.31268G	51.08	74.00	-22.92	12.49	3	Vertical	0	1.41	-	38.59	36.37	10.62	34.50

802.11g_Nss1,(6Mbps)_2TX

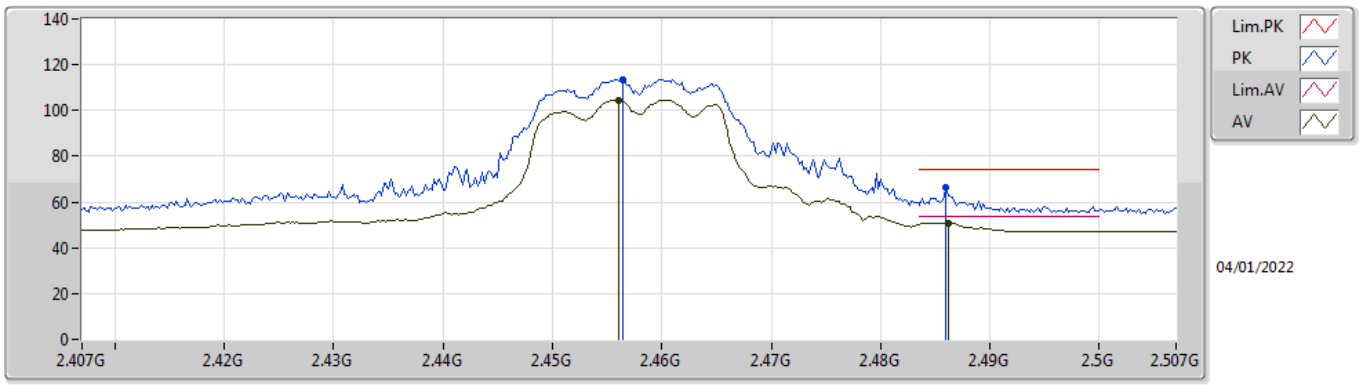
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87824G	32.55	54.00	-21.45	6.00	3	Horizontal	22	1.41	-	26.55	31.20	8.96	34.16
AV	7.31012G	44.61	54.00	-9.39	12.50	3	Horizontal	288	1.67	-	32.11	36.38	10.62	34.50
PK	4.87776G	45.22	74.00	-28.78	6.00	3	Horizontal	22	1.41	-	39.22	31.20	8.96	34.16
PK	7.31012G	57.91	74.00	-16.09	12.50	3	Horizontal	288	1.67	-	45.41	36.38	10.62	34.50

802.11g_Nss1,(6Mbps)_2TX

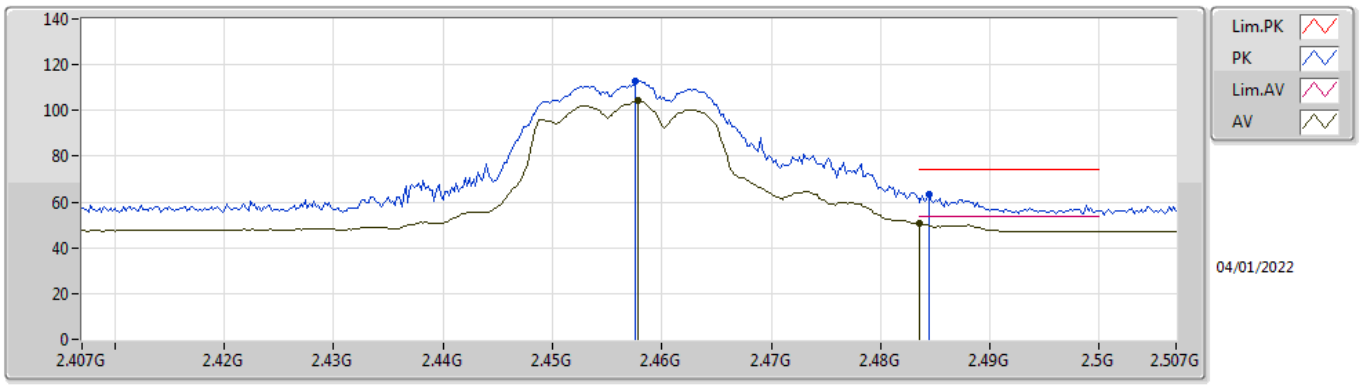
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.456G	104.63	Inf	-Inf	34.70	3	Vertical	289	1.58	-	69.93	27.40	7.30	-
AV	2.4862G	50.86	54.00	-3.14	34.73	3	Vertical	289	1.58	-	16.13	27.40	7.33	-
PK	2.4564G	113.64	Inf	-Inf	34.71	3	Vertical	289	1.58	-	78.93	27.40	7.31	-
PK	2.486G	66.36	74.00	-7.64	34.73	3	Vertical	289	1.58	-	31.63	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

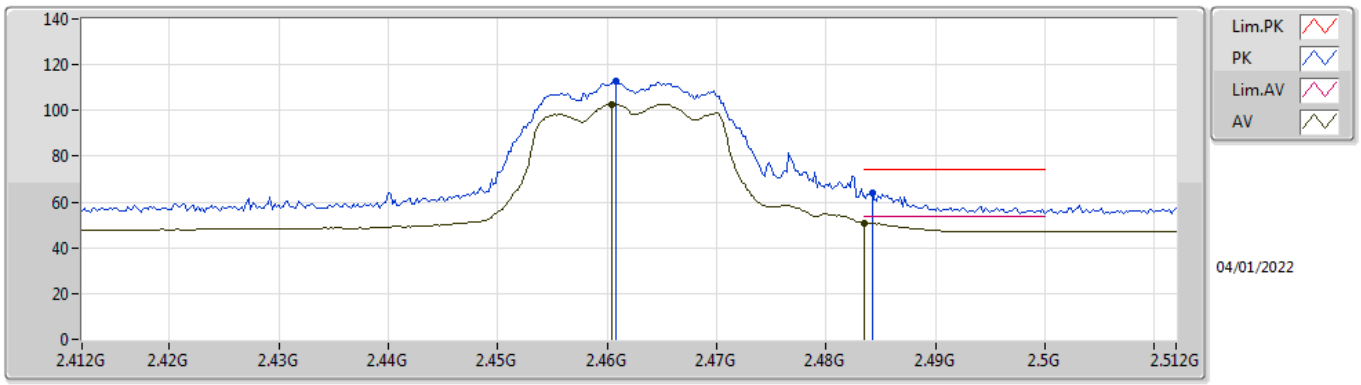
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4578G	104.16	Inf	-Inf	34.71	3	Horizontal	68	1.91	-	69.45	27.40	7.31	-
AV	2.4835G	50.43	54.00	-3.57	34.73	3	Horizontal	68	1.91	-	15.70	27.40	7.33	-
PK	2.4576G	113.13	Inf	-Inf	34.71	3	Horizontal	68	1.91	-	78.42	27.40	7.31	-
PK	2.4844G	63.59	74.00	-10.41	34.73	3	Horizontal	68	1.91	-	28.86	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

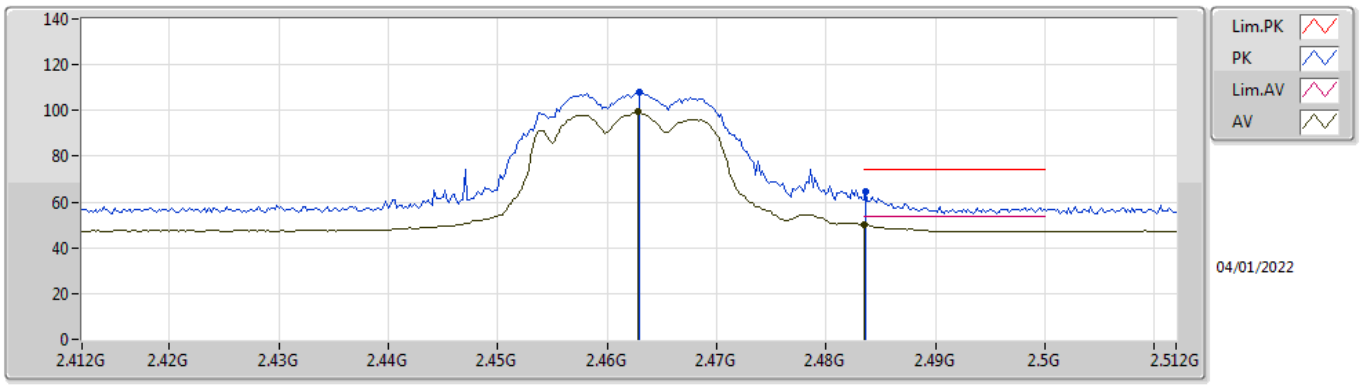
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4604G	102.68	Inf	-Inf	34.71	3	Vertical	284	1.98	-	67.97	27.40	7.31	-
AV	2.4835G	50.92	54.00	-3.08	34.73	3	Vertical	284	1.98	-	16.19	27.40	7.33	-
PK	2.4608G	112.72	Inf	-Inf	34.71	3	Vertical	284	1.98	-	78.01	27.40	7.31	-
PK	2.4842G	63.86	74.00	-10.14	34.73	3	Vertical	284	1.98	-	29.13	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

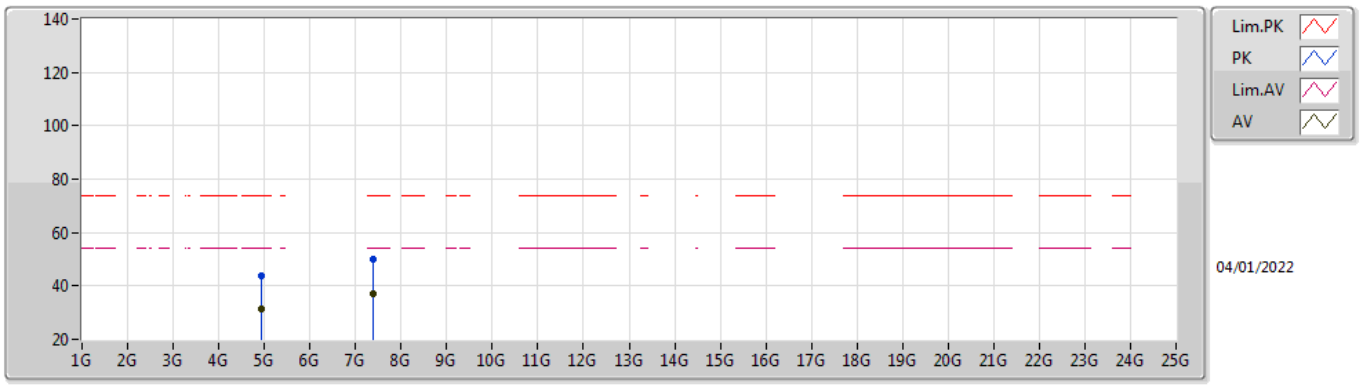
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4628G	99.27	Inf	-Inf	34.71	3	Horizontal	281	1.47	-	64.56	27.40	7.31	-
AV	2.4835G	49.98	54.00	-4.02	34.73	3	Horizontal	281	1.47	-	15.25	27.40	7.33	-
PK	2.463G	108.21	Inf	-Inf	34.71	3	Horizontal	281	1.47	-	73.50	27.40	7.31	-
PK	2.4836G	64.40	74.00	-9.60	34.73	3	Horizontal	281	1.47	-	29.67	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

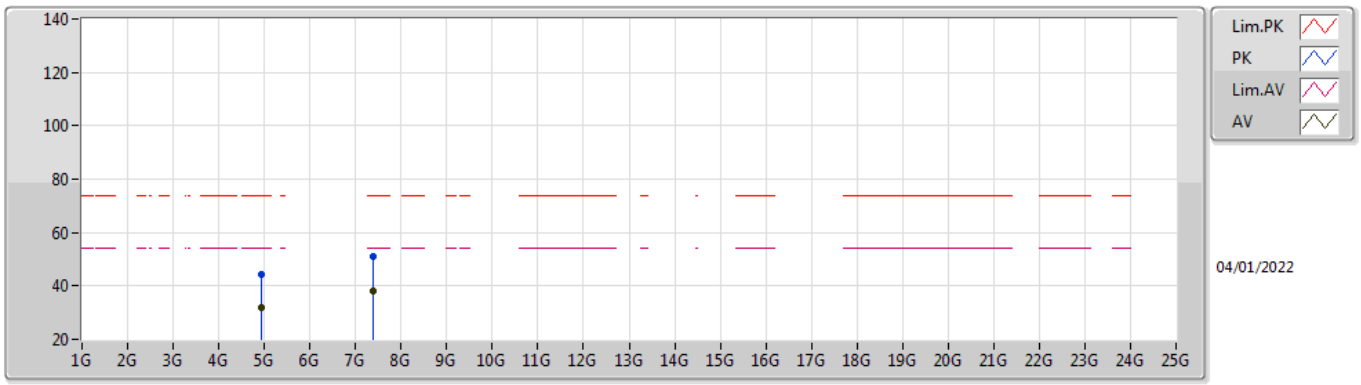
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92404G	31.60	54.00	-22.40	6.15	3	Vertical	11	1.50	-	25.45	31.30	8.99	34.14
AV	7.37924G	37.20	54.00	-16.80	12.44	3	Vertical	231	1.50	-	24.76	36.24	10.69	34.49
PK	4.9244G	44.05	74.00	-29.95	6.15	3	Vertical	11	1.50	-	37.90	31.30	8.99	34.14
PK	7.38712G	50.21	74.00	-23.79	12.44	3	Vertical	231	1.50	-	37.77	36.23	10.70	34.49

802.11g_Nss1,(6Mbps)_2TX

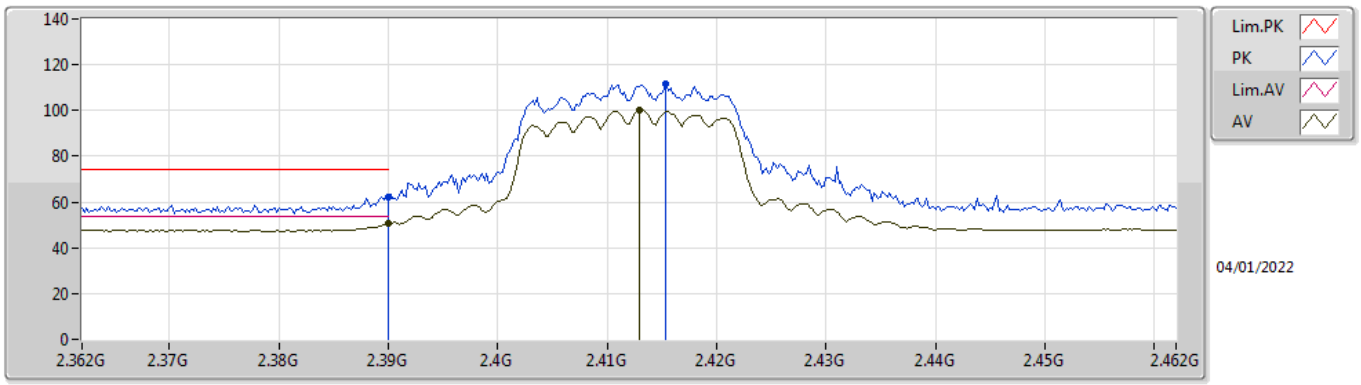
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92276G	31.84	54.00	-22.16	6.14	3	Horizontal	11	1.50	-	25.70	31.29	8.99	34.14
AV	7.38344G	38.02	54.00	-15.98	12.43	3	Horizontal	301	3.00	-	25.59	36.23	10.69	34.49
PK	4.92404G	44.09	74.00	-29.91	6.15	3	Horizontal	11	1.50	-	37.94	31.30	8.99	34.14
PK	7.38308G	51.09	74.00	-22.91	12.43	3	Horizontal	301	3.00	-	38.66	36.23	10.69	34.49

802.11ax HEW20_Nss1,(MCS0)_2TX

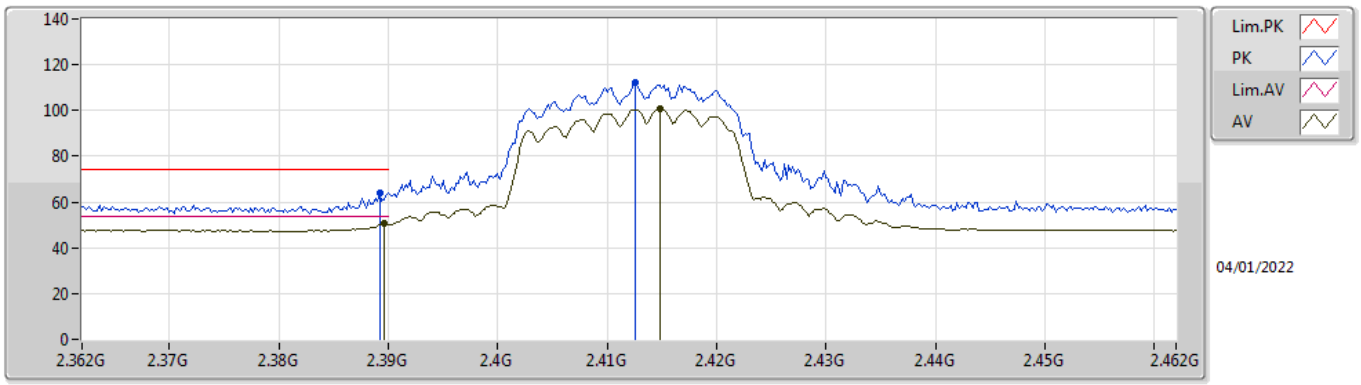
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.80	54.00	-3.20	34.98	3	Vertical	332	1.58	-	15.82	27.72	7.26	-
AV	2.413G	100.32	Inf	-Inf	34.89	3	Vertical	332	1.58	-	65.43	27.62	7.27	-
PK	2.39G	62.19	74.00	-11.81	34.98	3	Vertical	332	1.58	-	27.21	27.72	7.26	-
PK	2.4154G	111.67	Inf	-Inf	34.88	3	Vertical	332	1.58	-	76.79	27.61	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

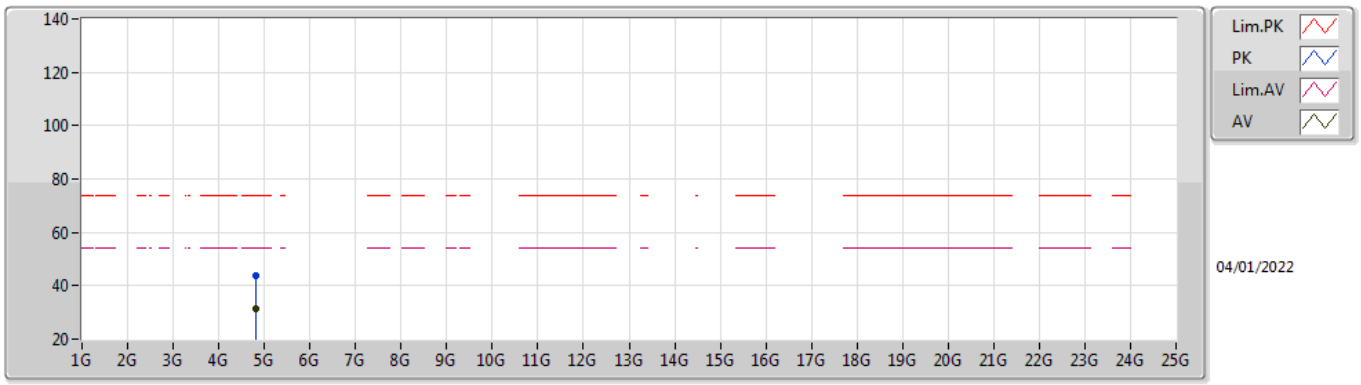
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	50.45	54.00	-3.55	34.98	3	Horizontal	280	2.21	-	15.47	27.72	7.26	-
AV	2.4148G	101.01	Inf	-Inf	34.88	3	Horizontal	280	2.21	-	66.13	27.61	7.27	-
PK	2.3892G	63.97	74.00	-10.03	34.98	3	Horizontal	280	2.21	-	28.99	27.72	7.26	-
PK	2.4126G	112.14	Inf	-Inf	34.89	3	Horizontal	280	2.21	-	77.25	27.62	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

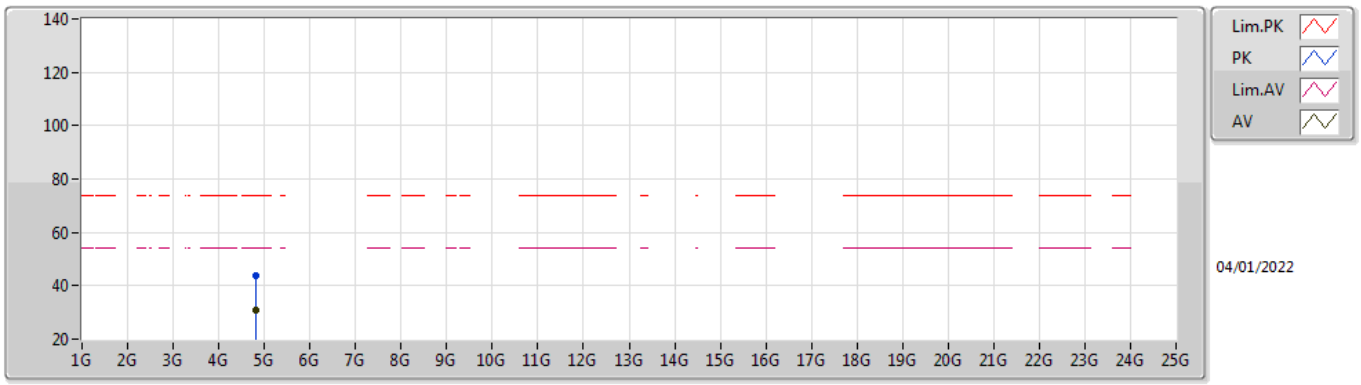
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.81948G	31.16	54.00	-22.84	5.86	3	Vertical	360	1.42	-	25.30	31.14	8.91	34.19
PK	4.82168G	44.01	74.00	-29.99	5.87	3	Vertical	360	1.42	-	38.14	31.14	8.92	34.19

802.11ax HEW20_Nss1,(MCS0)_2TX

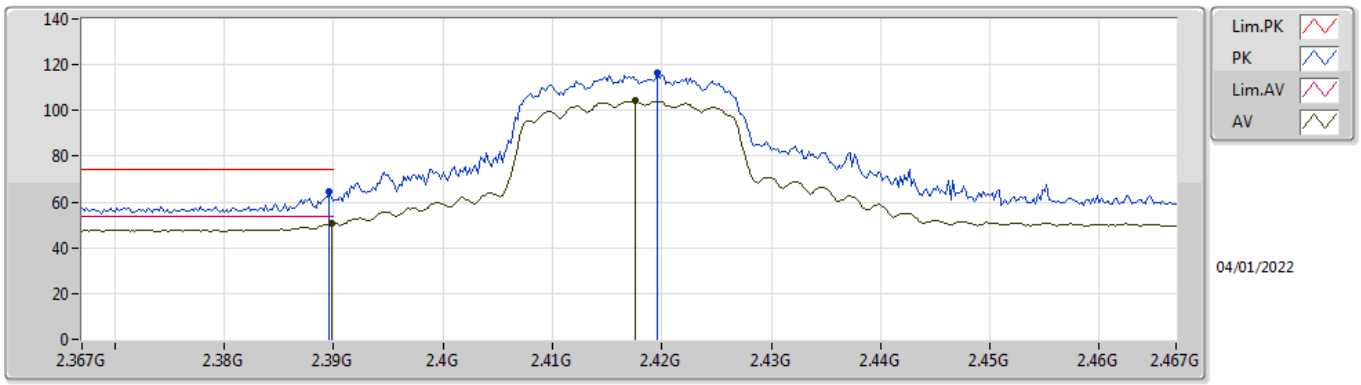
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82336G	30.97	54.00	-23.03	5.89	3	Horizontal	30	1.12	-	25.08	31.15	8.92	34.18
PK	4.81544G	43.96	74.00	-30.04	5.85	3	Horizontal	30	1.12	-	38.11	31.13	8.91	34.19

802.11ax HEW20_Nss1,(MCS0)_2TX

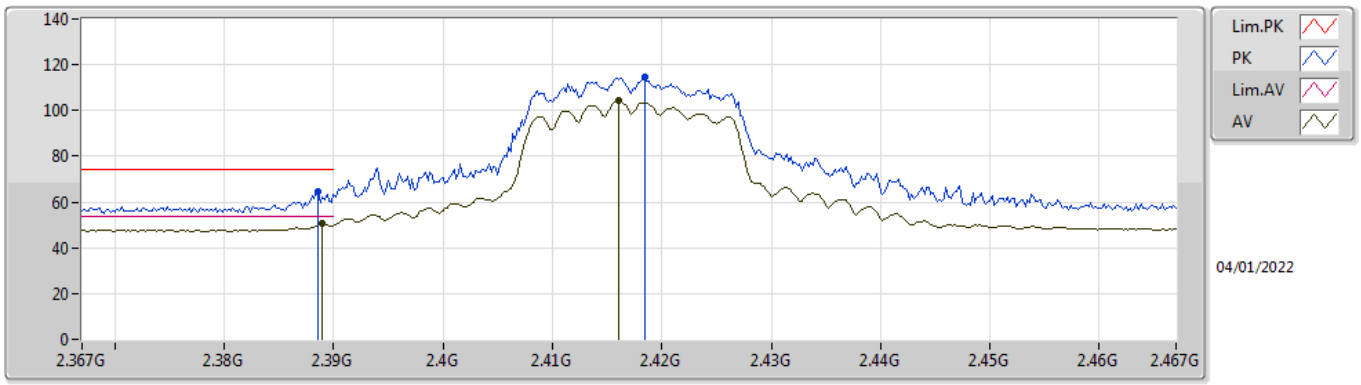
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	50.80	54.00	-3.20	34.98	3	Vertical	285	2.06	-	15.82	27.72	7.26	-
AV	2.4176G	104.17	Inf	-Inf	34.86	3	Vertical	285	2.06	-	69.31	27.59	7.27	-
PK	2.3896G	64.66	74.00	-9.34	34.98	3	Vertical	285	2.06	-	29.68	27.72	7.26	-
PK	2.4196G	116.26	Inf	-Inf	34.86	3	Vertical	285	2.06	-	81.40	27.58	7.28	-

802.11ax HEW20_Nss1,(MCS0)_2TX

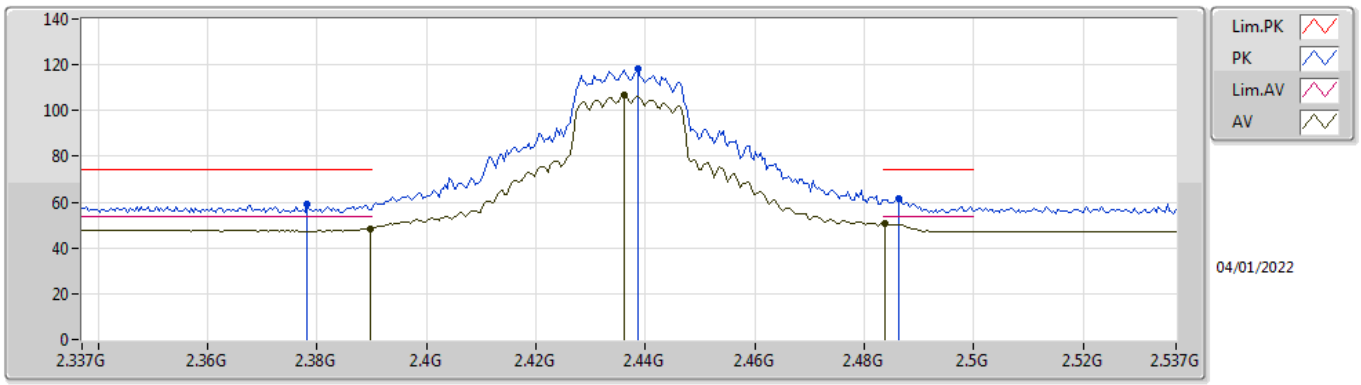
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	50.44	54.00	-3.56	34.98	3	Horizontal	282	2.23	-	15.46	27.72	7.26	-
AV	2.416G	104.29	Inf	-Inf	34.87	3	Horizontal	282	2.23	-	69.42	27.60	7.27	-
PK	2.3886G	64.69	74.00	-9.31	34.97	3	Horizontal	282	2.23	-	29.72	27.72	7.25	-
PK	2.4184G	114.66	Inf	-Inf	34.86	3	Horizontal	282	2.23	-	79.80	27.59	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

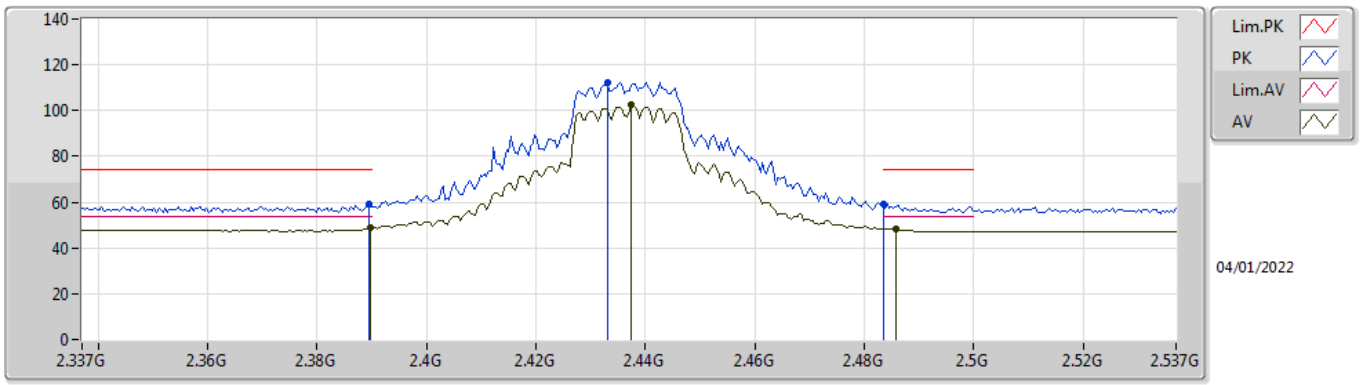
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	48.48	54.00	-5.52	34.98	3	Vertical	286	2.27	-	13.50	27.72	7.26	-
AV	2.4362G	106.80	Inf	-Inf	34.77	3	Vertical	286	2.27	-	72.03	27.48	7.29	-
AV	2.4838G	50.79	54.00	-3.21	34.73	3	Vertical	286	2.27	-	16.06	27.40	7.33	-
PK	2.3782G	58.92	74.00	-15.08	34.99	3	Vertical	286	2.27	-	23.93	27.74	7.25	-
PK	2.4386G	118.04	Inf	-Inf	34.76	3	Vertical	286	2.27	-	83.28	27.47	7.29	-
PK	2.4862G	61.54	74.00	-12.46	34.73	3	Vertical	286	2.27	-	26.81	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

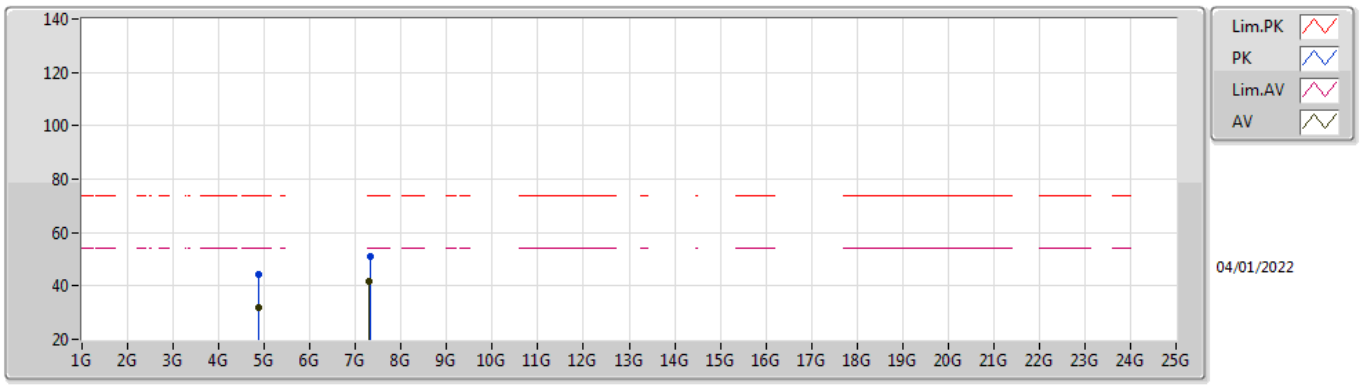
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	48.82	54.00	-5.18	34.98	3	Horizontal	282	2.16	-	13.84	27.72	7.26	-
AV	2.4374G	102.46	Inf	-Inf	34.77	3	Horizontal	282	2.16	-	67.69	27.48	7.29	-
AV	2.4858G	48.40	54.00	-5.60	34.73	3	Horizontal	282	2.16	-	13.67	27.40	7.33	-
PK	2.3894G	58.97	74.00	-15.03	34.98	3	Horizontal	282	2.16	-	23.99	27.72	7.26	-
PK	2.433G	112.44	Inf	-Inf	34.79	3	Horizontal	282	2.16	-	77.65	27.50	7.29	-
PK	2.4835G	59.14	74.00	-14.86	34.73	3	Horizontal	282	2.16	-	24.41	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

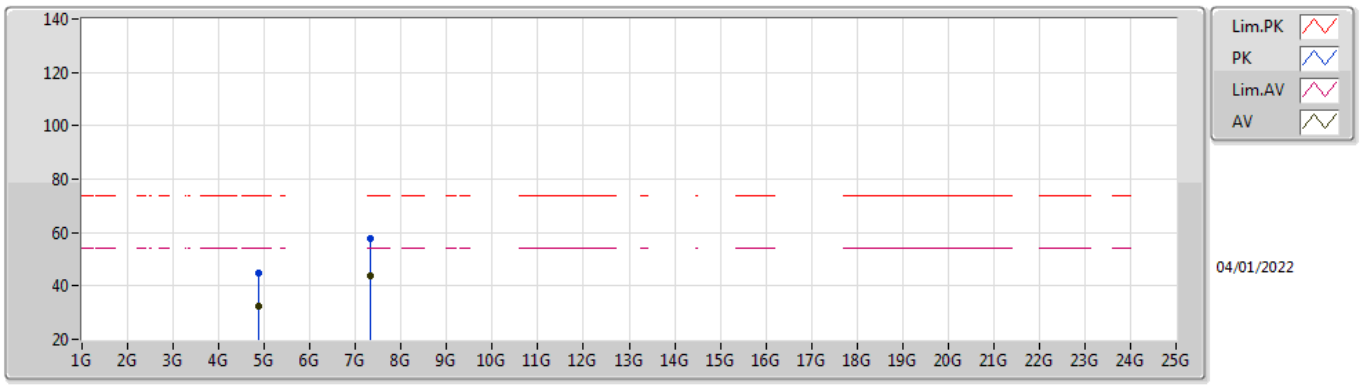
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87288G	31.93	54.00	-22.07	5.99	3	Vertical	1	2.99	-	25.94	31.20	8.95	34.16
AV	7.31008G	41.78	54.00	-12.22	12.50	3	Vertical	360	1.52	-	29.28	36.38	10.62	34.50
PK	4.87008G	44.55	74.00	-29.45	5.99	3	Vertical	1	2.99	-	38.56	31.20	8.95	34.16
PK	7.31636G	50.92	74.00	-23.08	12.50	3	Vertical	360	1.52	-	38.42	36.37	10.63	34.50

802.11ax HEW20_Nss1,(MCS0)_2TX

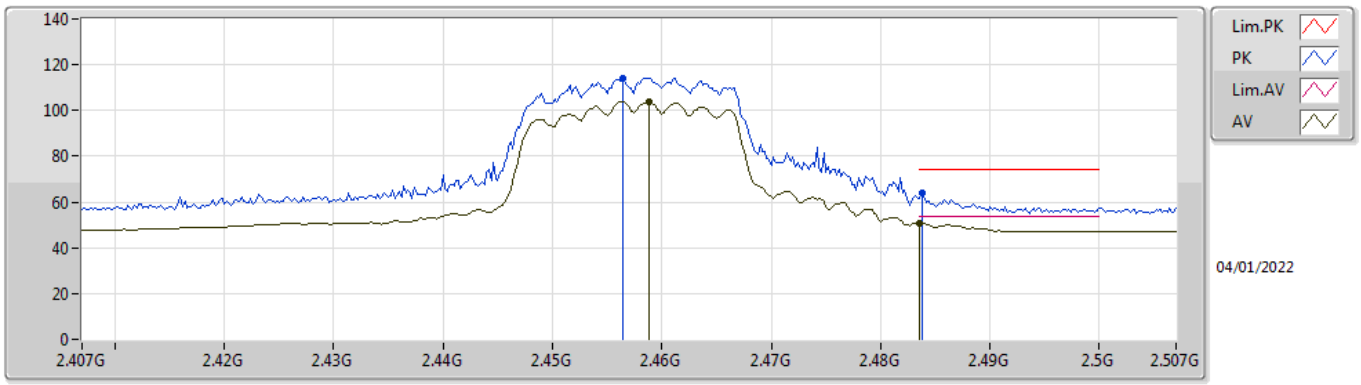
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87596G	32.28	54.00	-21.72	6.00	3	Horizontal	29	1.44	-	26.28	31.20	8.96	34.16
AV	7.31176G	43.91	54.00	-10.09	12.50	3	Horizontal	281	1.83	-	31.41	36.38	10.62	34.50
PK	4.87156G	44.90	74.00	-29.10	5.99	3	Horizontal	29	1.44	-	38.91	31.20	8.95	34.16
PK	7.31652G	57.75	74.00	-16.25	12.50	3	Horizontal	281	1.83	-	45.25	36.37	10.63	34.50

802.11ax HEW20_Nss1,(MCS0)_2TX

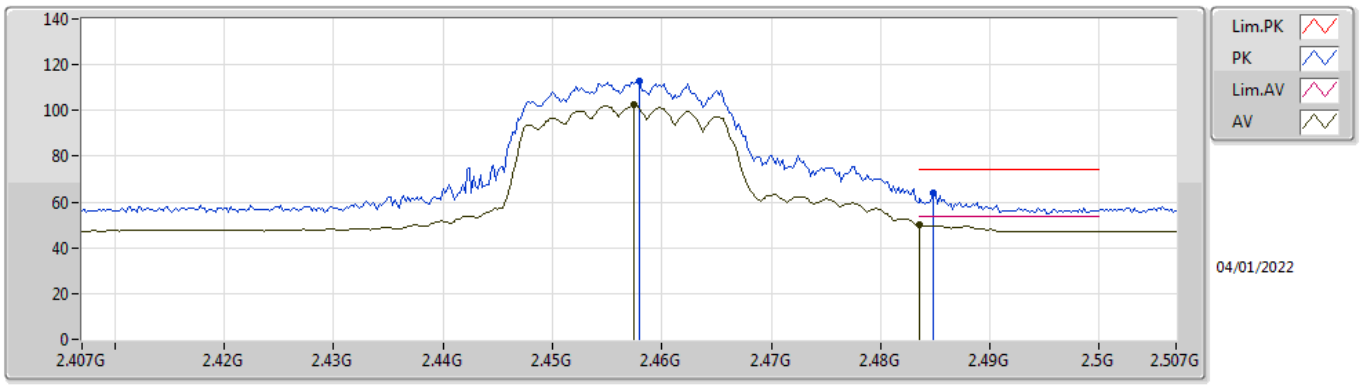
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4588G	103.97	Inf	-Inf	34.71	3	Vertical	288	1.58	-	69.26	27.40	7.31	-
AV	2.4835G	50.99	54.00	-3.01	34.73	3	Vertical	288	1.58	-	16.26	27.40	7.33	-
PK	2.4564G	114.32	Inf	-Inf	34.71	3	Vertical	288	1.58	-	79.61	27.40	7.31	-
PK	2.4838G	64.03	74.00	-9.97	34.73	3	Vertical	288	1.58	-	29.30	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

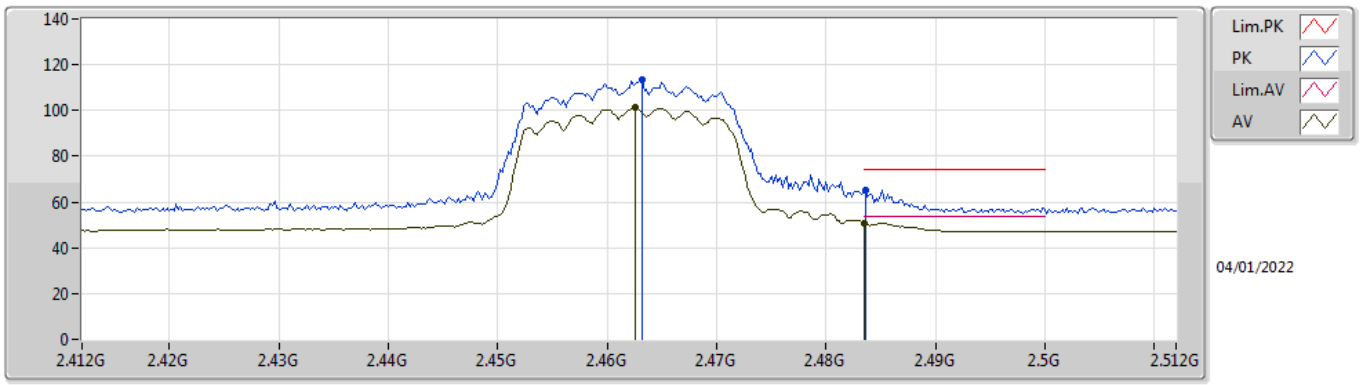
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4574G	102.80	Inf	-Inf	34.71	3	Horizontal	67	1.92	-	68.09	27.40	7.31	-
AV	2.4835G	49.90	54.00	-4.10	34.73	3	Horizontal	67	1.92	-	15.17	27.40	7.33	-
PK	2.458G	112.56	Inf	-Inf	34.71	3	Horizontal	67	1.92	-	77.85	27.40	7.31	-
PK	2.4848G	63.81	74.00	-10.19	34.73	3	Horizontal	67	1.92	-	29.08	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

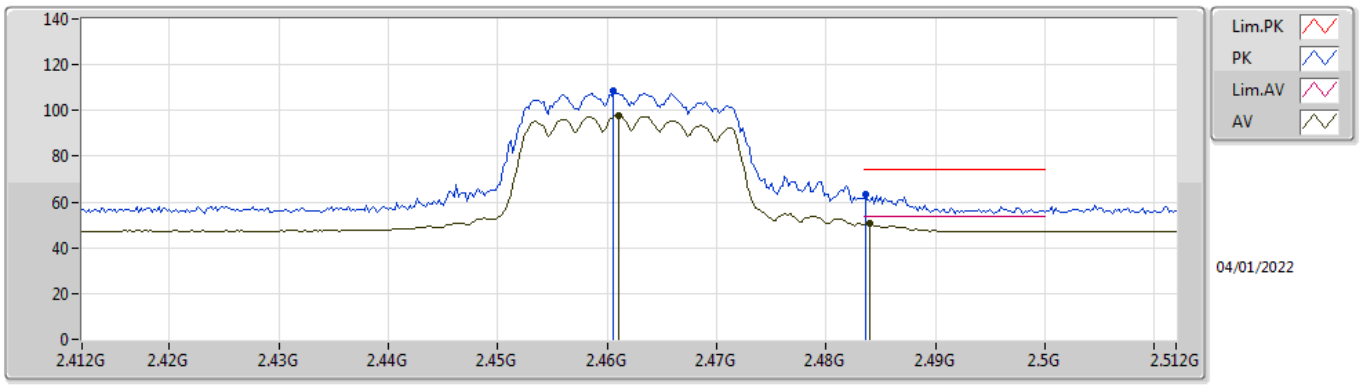
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4626G	101.45	Inf	-Inf	34.71	3	Vertical	290	1.97	-	66.74	27.40	7.31	-
AV	2.4835G	50.94	54.00	-3.06	34.73	3	Vertical	290	1.97	-	16.21	27.40	7.33	-
PK	2.4632G	113.36	Inf	-Inf	34.71	3	Vertical	290	1.97	-	78.65	27.40	7.31	-
PK	2.4836G	64.98	74.00	-9.02	34.73	3	Vertical	290	1.97	-	30.25	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

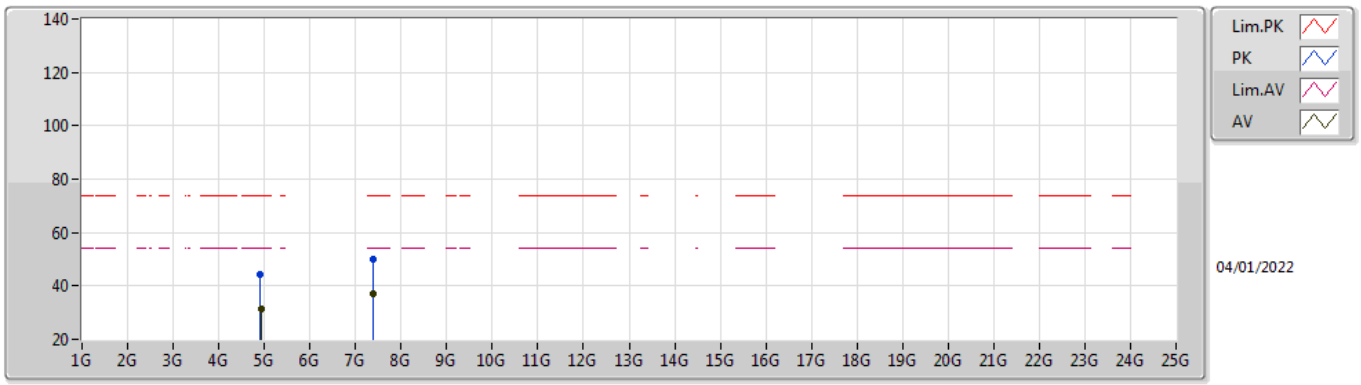
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.461G	97.70	Inf	-Inf	34.71	3	Horizontal	277	1.92	-	62.99	27.40	7.31	-
AV	2.484G	50.64	54.00	-3.36	34.73	3	Horizontal	277	1.92	-	15.91	27.40	7.33	-
PK	2.4606G	108.53	Inf	-Inf	34.71	3	Horizontal	277	1.92	-	73.82	27.40	7.31	-
PK	2.4836G	63.59	74.00	-10.41	34.73	3	Horizontal	277	1.92	-	28.86	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

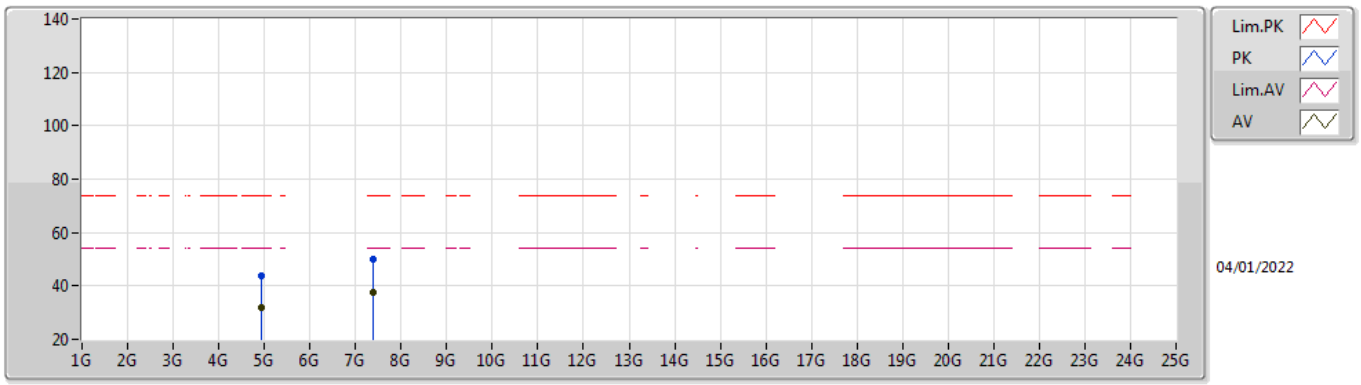
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.9292G	31.32	54.00	-22.68	6.19	3	Vertical	360	1.50	-	25.13	31.32	9.00	34.13
AV	7.3804G	37.04	54.00	-16.96	12.44	3	Vertical	144	1.51	-	24.60	36.24	10.69	34.49
PK	4.91408G	44.50	74.00	-29.50	6.11	3	Vertical	360	1.50	-	38.39	31.26	8.99	34.14
PK	7.38732G	49.83	74.00	-24.17	12.44	3	Vertical	144	1.51	-	37.39	36.23	10.70	34.49

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92388G	31.73	54.00	-22.27	6.15	3	Horizontal	24	1.50	-	25.58	31.30	8.99	34.14
AV	7.38124G	37.45	54.00	-16.55	12.44	3	Horizontal	266	2.81	-	25.01	36.24	10.69	34.49
PK	4.92808G	44.04	74.00	-29.96	6.18	3	Horizontal	24	1.50	-	37.86	31.31	9.00	34.13
PK	7.39552G	50.14	74.00	-23.86	12.43	3	Horizontal	266	2.81	-	37.71	36.21	10.71	34.49