FCC Radio Test Report

FCC ID	:	**NDD9574892206**
Equipment	:	**Access Point**
Brand Name	:	**EDIMAX**
Model Name	:	**EW-7489OAX**
Applicant	:	**Edimax Technology Co., Ltd. No.278, Xinhu 1st Rd., Neihu Dist, Taipei City, Taiwan**
Manufacturer	:	**Edimax Technology Co., Ltd. No.278, Xinhu 1st Rd., Neihu Dist, Taipei City, Taiwan**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Jun. 10, 2022, and testing was started from Jul. 19, 2022 and completed on Dec. 20, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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

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PHOTOGRAPHS OF EUT V02

History of this test report

Report No.	Version	Description	Issued Date
FR260639AC	01	Initial issue of report	Feb. 16, 2023
FR260639AC	02	Photographs of EUT was updated (This report is the latest version replacing for the report issued on Feb. 16, 2023)	Mar. 08, 2023
FR260639AC	03	Revised typo (This report is the latest version replacing for the report issued on Mar. 08, 2023)	Mar. 17, 2023

Summary of Test Result

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

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

Reviewed by: Ryan Hsiao

Report Producer: 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]
2400-2483.5	n (HT40), VHT40, ax(HEW40)	2422-2452	3-9 [7]

Non-Beamforming

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

Beamforming

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

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Grand-Tek	3009-00000231-50Z	Omni Antenna	N-type
2	Grand-Tek	3009-00000231-50Z	Omni Antenna	N-type
3	Grand-Tek	3009-00000231-50Z	Omni Antenna	N-type
4	Grand-Tek	3009-00000231-50Z	Omni Antenna	N-type

Ant.	Port	Gain (dBi)		Cable Loss (dB)	
		2.4G	5G	2.4G	5G
1	1	3.2	6	-	1.2
2	2	3.2	6	-	1.55
3	1	3.2	6	0.5	-
4	2	3.2	6	0.5	-

Note 1: The EUT has four antennas.

For 2.4GHz function:

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

Ant. 3 (port 1) and Ant. 4 (port 2) could transmit/receive simultaneously.

For 5GHz function:

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

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

Note 2: Directional gain informaion

	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

1.1.3 EUT Information

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

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

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.985	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.993	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.5 Table for Multiple Listing

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

SKU	DDR	Description
1	Brand: SYNIX Model: H5TC4G83EFR	All the SKU are identical, only the DDR is different.
2	Brand: WINBOND Model: W63GU8QB	

From the above SKU, The worst case of EMI was evaluated, SKU 1 was selected as representative SKU for the test and its data was recorded in this report.

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	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785)	**TEL:** 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Wayne Chiu	21.4~21.8°C / 54~57%	10/Aug/2022
RF Conducted	TH06-HY	Jin Jhou	22.3~24.5°C / 53~55%	19/Jul/2022~20/Dec/2022
☒ Wen 33rd.St.	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
(TAF: 3785)	**TEL:** 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated	03CH09-HY	Daniel Hsu	24.3~25.5°C / 48~56%	28/Jul/2022~03/Aug/2022
Radiated (Co-location)	03CH09-HY	Daniel Hsu	24.2~25.1°C / 45~57%	18/Aug/2022

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	QDART-Connectivity1.0-00089

Non-Beamforming

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	24
2437MHz	23.5
2462MHz	24.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	21.5
2437MHz	21.5
2462MHz	22.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	21.5
2437MHz	20.5
2457MHz	20.5
2462MHz	20
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	20.5
2437MHz	17.5
2452MHz	17.5

Beamforming

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	21.5
2437MHz	20.5
2457MHz	20.5
2462MHz	20
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	20.5
2437MHz	17.5
2452MHz	17.5

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	PoE mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT			V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA260639 for Co-location RF Exposure Evaluation.	

2.3 Accessories

Accessories				
Wall Mount*2	Brand Name	-	Model Name	-

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

2.4 Support Equipment

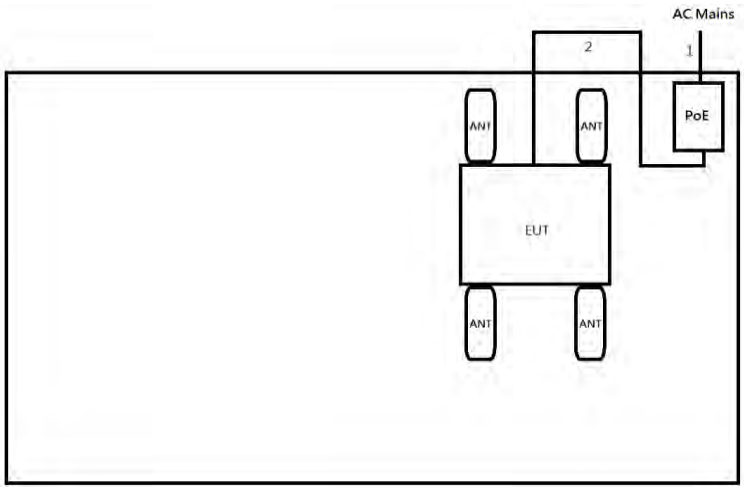
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	RJ45 Cable	Power Sync	CAT-6E-10	-	-
2	PoE Adapter	LINKSYS	PI021A	-	Provided by Customer
3	AC Power Cable	Power Sync	TPCMRN0018	-	-

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE Adapter	LINKSYS	PI021A	-	Provided by Customer

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	RJ45 cable	Power Sync	CAT-6E-10	-	-
2	PoE Adapter (Remote)	LINKSYS	PI021A	-	Provided by Customer
3	AC Power Cable (Remote)	Power sync	TPCMRN0018	-	-

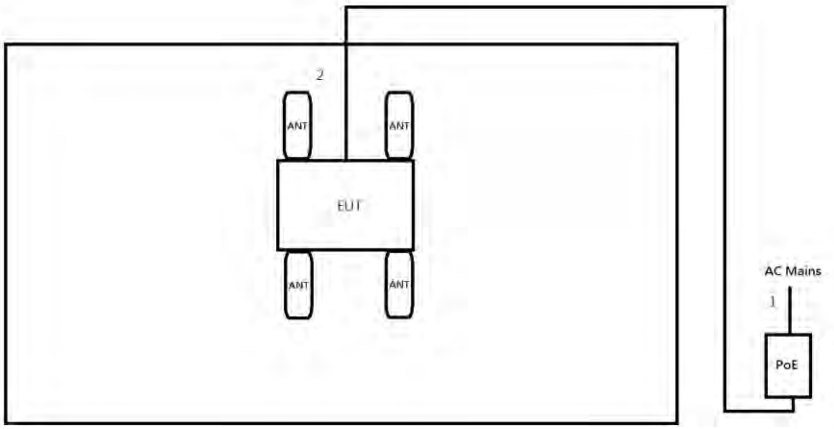
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

Test Setup Diagram - Radiated Test



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

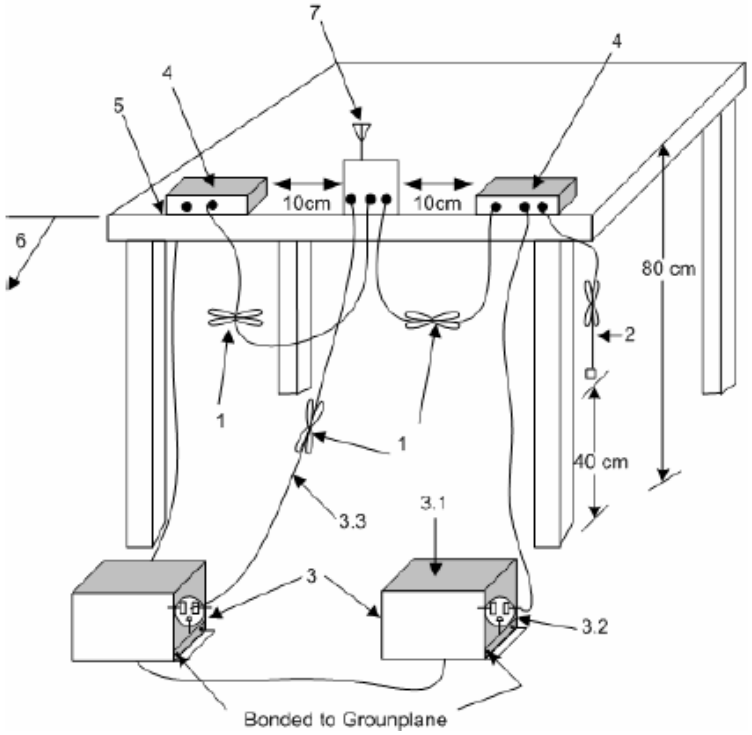
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

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

3.1.5 Test Setup

AC Power-line Conducted Emissions



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

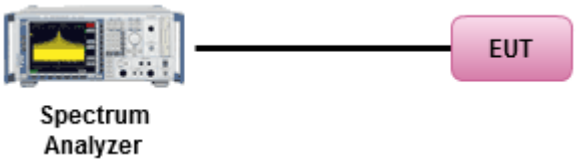
3.2.2 Measuring Instruments

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

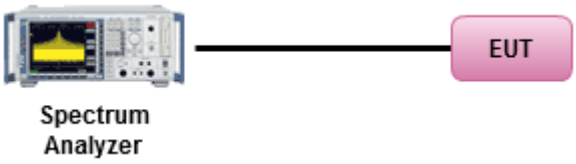
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

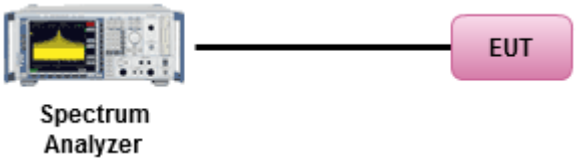
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

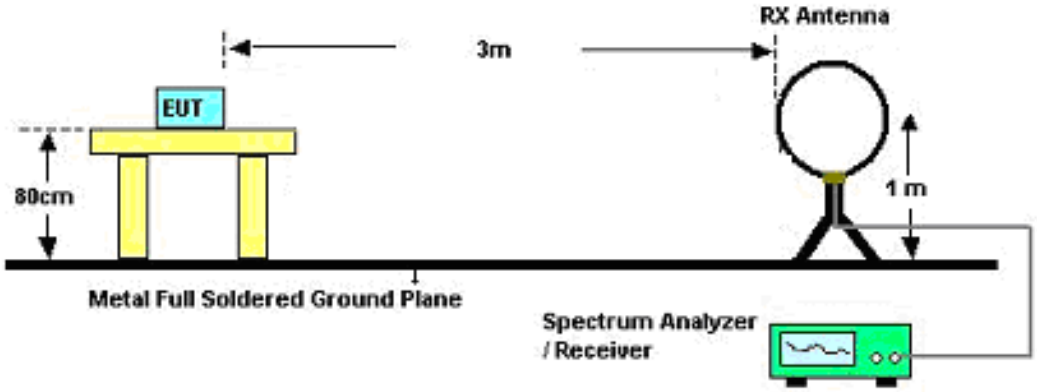
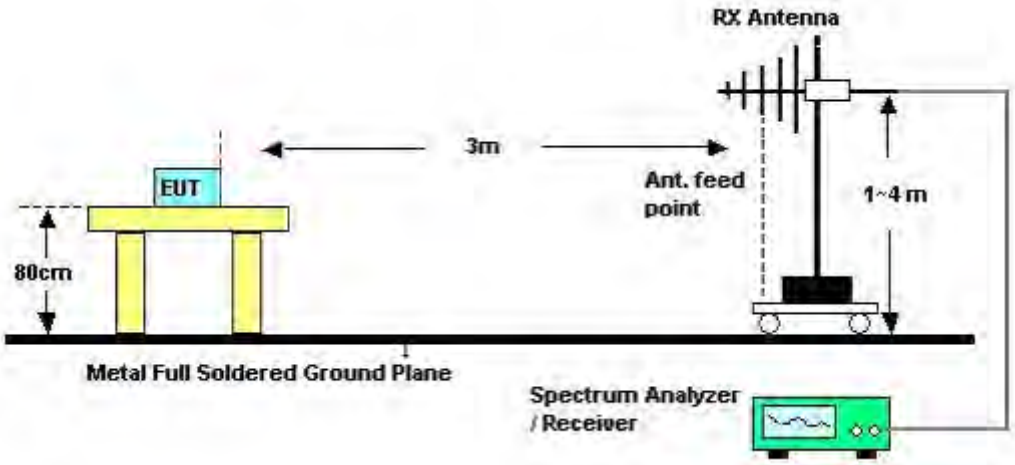
3.6.3 Test Procedures

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

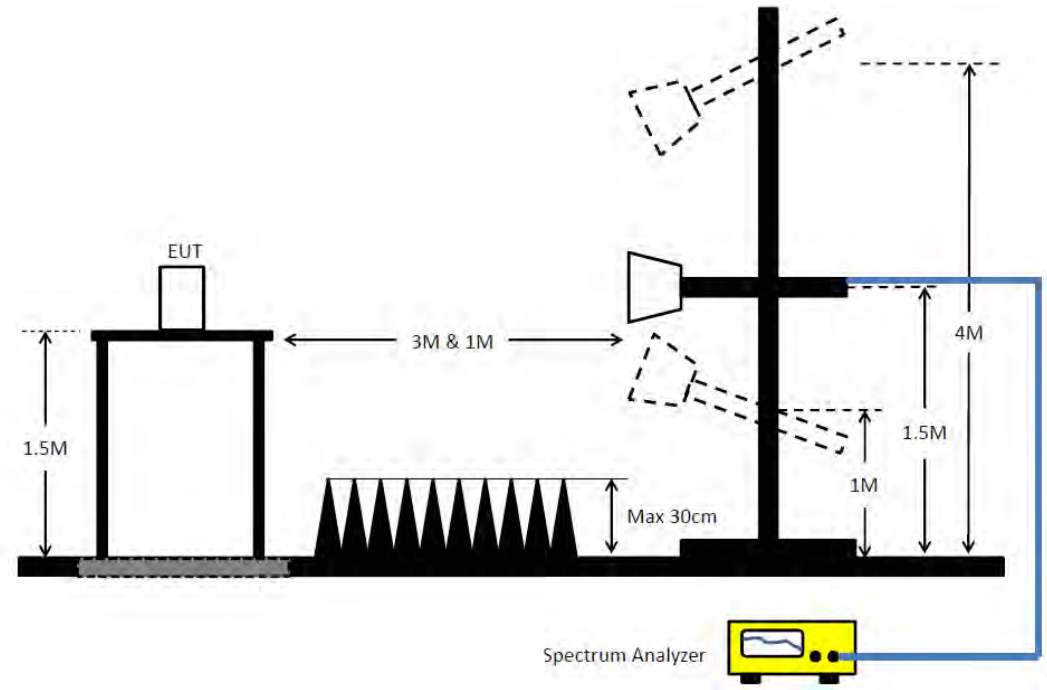
3.6.4 Measurement Results Calculation

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

3.6.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.8.2	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	01/Apr/2022	31/Mar/2023
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	10/Nov/2022	09/Nov/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2022	24/Mar/2023
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2022	24/Mar/2023
SENSE-15247_DTS	Sporton	V5.10.8.3	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	25/Mar/2022	24/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	13/Aug/2021	12/Aug/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	04/Sep/2021	03/Sep/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz~30MHz	30/Aug/2021	29/Aug/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz~1GHz	07/Feb/2022	06/Feb/2023
RF CABLE 5m+3m+1m	HUBER+ SUHNER	SUCOFLEX104	CB009	1GHz~40GHz	13/Aug/2021	12/Aug/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	30/May/2022	29/May/2023
SENSE-15247_DTS	Sporton	NA	5.10.7.17	NA	NA	NA

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	SG56070103	10Hz~44GHz	05/Nov/2021	04/Nov/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
RF CABLE 5m+3m+1m	HUBER+ SUHNER	SUCOFLEX104	CB009	1GHz~40GHz	17/Aug/2022	16/Aug/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
SENSE-15407	Sporton	NA	5.10.7.20	NA	NA	NA

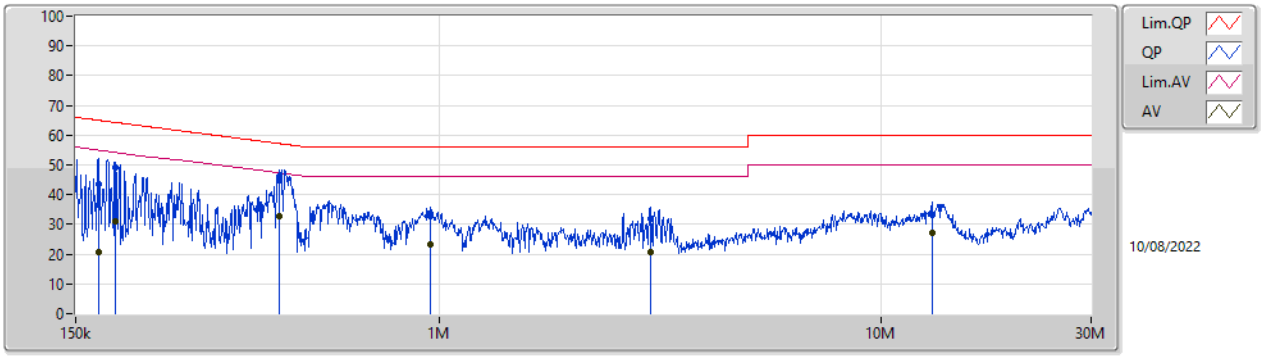
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	430.32k	46.51	57.24	-10.73	Neutral

Result

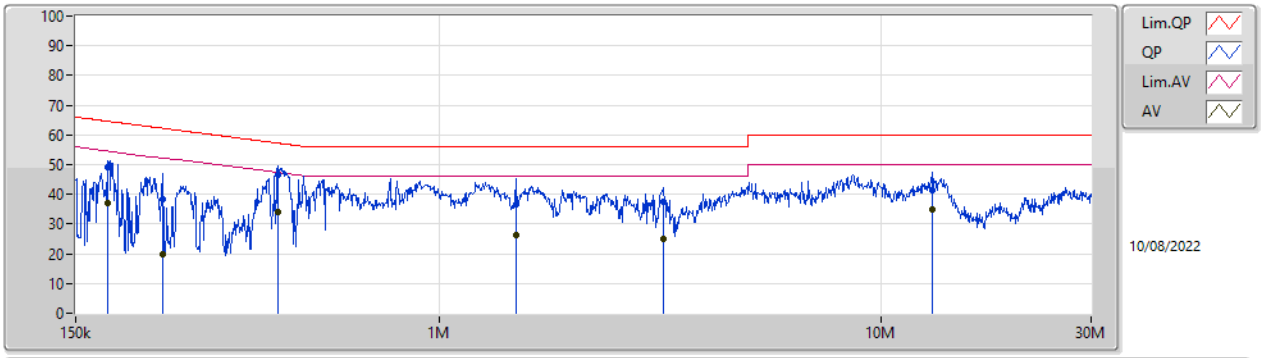
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	169.084k	43.55	65.01	-21.46	Line	-
Mode 1	Pass	AV	169.084k	20.80	55.01	-34.21	Line	-
Mode 1	Pass	QP	184.605k	48.94	64.28	-15.34	Line	-
Mode 1	Pass	AV	184.605k	31.04	54.28	-23.24	Line	-
Mode 1	Pass	QP	433.769k	46.27	57.19	-10.92	Line	-
Mode 1	Pass	AV	433.769k	32.73	47.19	-14.46	Line	-
Mode 1	Pass	QP	952.358k	32.59	56.00	-23.41	Line	-
Mode 1	Pass	AV	952.358k	23.08	46.00	-22.92	Line	-
Mode 1	Pass	QP	3.019M	31.74	56.00	-24.26	Line	-
Mode 1	Pass	AV	3.019M	20.53	46.00	-25.47	Line	-
Mode 1	Pass	QP	13.065M	33.20	60.00	-26.80	Line	-
Mode 1	Pass	AV	13.065M	27.30	50.00	-22.70	Line	-
Mode 1	Pass	QP	177.381k	49.35	64.60	-15.25	Neutral	-
Mode 1	Pass	AV	177.381k	37.20	54.60	-17.40	Neutral	-
Mode 1	Pass	QP	236.447k	38.54	62.21	-23.67	Neutral	-
Mode 1	Pass	AV	236.447k	19.74	52.21	-32.47	Neutral	-
Mode 1	Pass	QP	430.32k	46.51	57.24	-10.73	Neutral	-
Mode 1	Pass	AV	430.32k	33.93	47.24	-13.31	Neutral	-
Mode 1	Pass	QP	1.489M	36.70	56.00	-19.30	Neutral	-
Mode 1	Pass	AV	1.489M	26.34	46.00	-19.66	Neutral	-
Mode 1	Pass	QP	3.231M	37.33	56.00	-18.67	Neutral	-
Mode 1	Pass	AV	3.231M	24.99	46.00	-21.01	Neutral	-
Mode 1	Pass	QP	13.065M	41.18	60.00	-18.82	Neutral	-
Mode 1	Pass	AV	13.065M	34.70	50.00	-15.30	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	169.084k	43.55	65.01	-21.46	19.63	Line	-	23.92	9.69	0.03	9.91
AV	169.084k	20.80	55.01	-34.21	19.63	Line	-	1.17	9.69	0.03	9.91
QP	184.605k	48.94	64.28	-15.34	19.63	Line	-	29.31	9.69	0.03	9.91
AV	184.605k	31.04	54.28	-23.24	19.63	Line	-	11.41	9.69	0.03	9.91
QP	433.769k	46.27	57.19	-10.92	19.63	Line	-	26.64	9.68	0.04	9.91
AV	433.769k	32.73	47.19	-14.46	19.63	Line	-	13.10	9.68	0.04	9.91
QP	952.358k	32.59	56.00	-23.41	19.65	Line	-	12.94	9.68	0.05	9.92
AV	952.358k	23.08	46.00	-22.92	19.65	Line	-	3.43	9.68	0.05	9.92
QP	3.019M	31.74	56.00	-24.26	19.74	Line	-	12.00	9.71	0.11	9.92
AV	3.019M	20.53	46.00	-25.47	19.74	Line	-	0.79	9.71	0.11	9.92
QP	13.065M	33.20	60.00	-26.80	19.95	Line	-	13.25	9.80	0.22	9.93
AV	13.065M	27.30	50.00	-22.70	19.95	Line	-	7.35	9.80	0.22	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	177.381k	49.35	64.60	-15.25	19.66	Neutral	-	29.69	9.72	0.03	9.91
AV	177.381k	37.20	54.60	-17.40	19.66	Neutral	-	17.54	9.72	0.03	9.91
QP	236.447k	38.54	62.21	-23.67	19.66	Neutral	-	18.88	9.72	0.03	9.91
AV	236.447k	19.74	52.21	-32.47	19.66	Neutral	-	0.08	9.72	0.03	9.91
QP	430.32k	46.51	57.24	-10.73	19.67	Neutral	-	26.84	9.72	0.04	9.91
AV	430.32k	33.93	47.24	-13.31	19.67	Neutral	-	14.26	9.72	0.04	9.91
QP	1.489M	36.70	56.00	-19.30	19.73	Neutral	-	16.97	9.74	0.07	9.92
AV	1.489M	26.34	46.00	-19.66	19.73	Neutral	-	6.61	9.74	0.07	9.92
QP	3.231M	37.33	56.00	-18.67	19.78	Neutral	-	17.55	9.75	0.11	9.92
AV	3.231M	24.99	46.00	-21.01	19.78	Neutral	-	5.21	9.75	0.11	9.92
QP	13.065M	41.18	60.00	-18.82	20.08	Neutral	-	21.10	9.93	0.22	9.93
AV	13.065M	34.70	50.00	-15.30	20.08	Neutral	-	14.62	9.93	0.22	9.93

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.05M	13.243M	13M3G1D	7.1M	12.969M
802.11g_Nss1,(6Mbps)_2TX	15.1M	16.342M	16M4D1D	14.375M	16.242M
802.11ax HEW20_Nss1,(MCS0)_2TX	15.05M	18.866M	18M9D1D	11.2M	18.716M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.2M	38.031M	38M0D1D	25.85M	37.45M

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

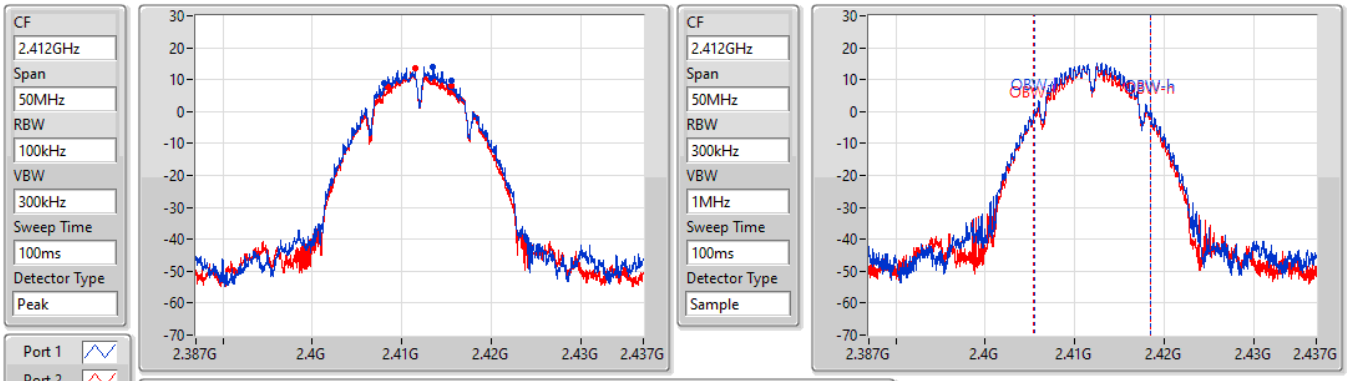
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.55M	12.969M	7.1M	13.068M
2437MHz	Pass	500k	8.05M	13.118M	7.1M	13.243M
2462MHz	Pass	500k	7.775M	12.994M	7.55M	13.068M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.075M	16.242M	15.025M	16.267M
2437MHz	Pass	500k	15.1M	16.342M	15.025M	16.292M
2462MHz	Pass	500k	15M	16.242M	14.375M	16.267M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	11.2M	18.766M	15.05M	18.741M
2437MHz	Pass	500k	14.95M	18.866M	13.975M	18.816M
2462MHz	Pass	500k	14.975M	18.716M	13.75M	18.741M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.05M	37.7M	25.85M	37.45M
2437MHz	Pass	500k	37.2M	38.031M	35.25M	37.831M
2452MHz	Pass	500k	29.6M	37.581M	30.15M	37.581M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

05/08/2022

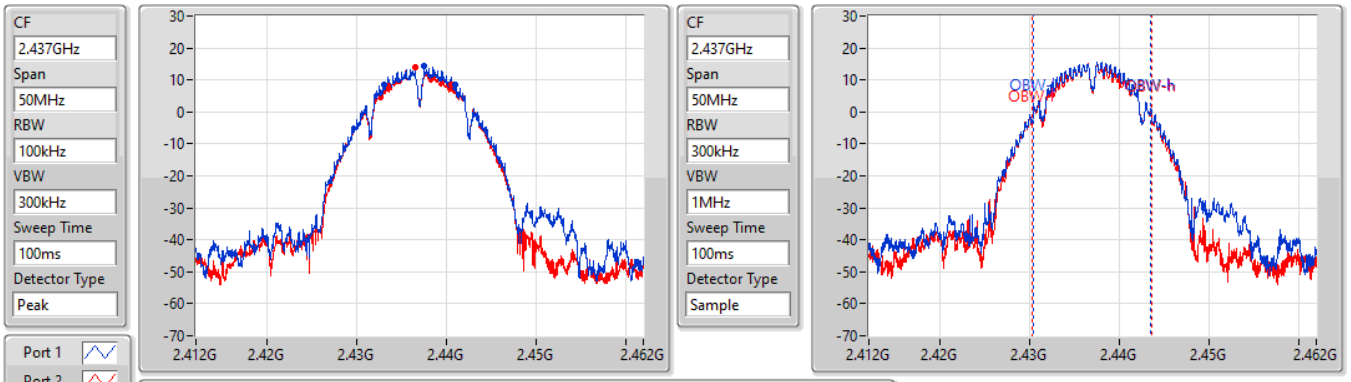


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.55M	2.408G	2.41555G	12.969M	2.405478G	2.418447G	500k	1
7.1M	2.40845G	2.41555G	13.068M	2.405378G	2.418447G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

05/08/2022

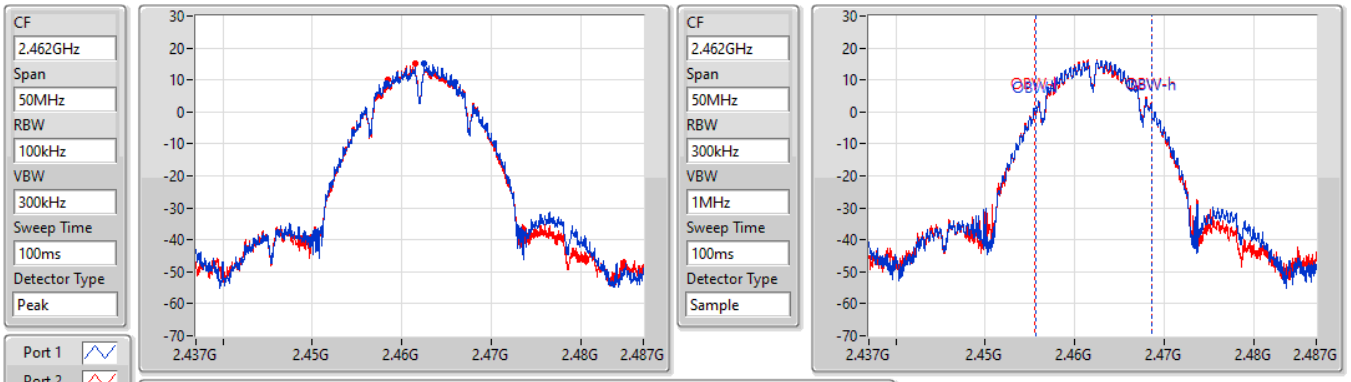


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.432975G	2.441025G	13.118M	2.430403G	2.443522G	500k	1
7.1M	2.43345G	2.44055G	13.243M	2.430303G	2.443547G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

05/08/2022

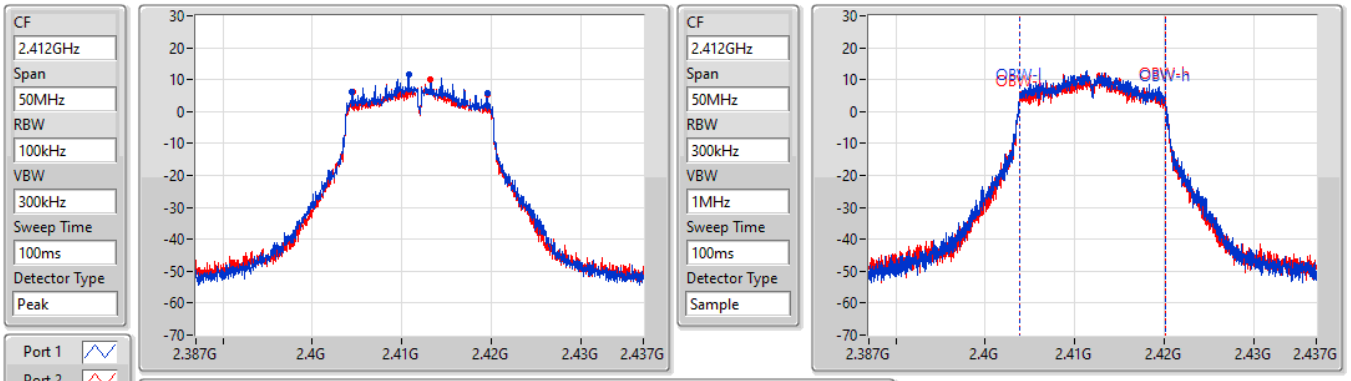


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.775M	2.45825G	2.466025G	12.994M	2.455603G	2.468597G	500k	1
7.55M	2.458475G	2.466025G	13.068M	2.455528G	2.468597G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

05/08/2022

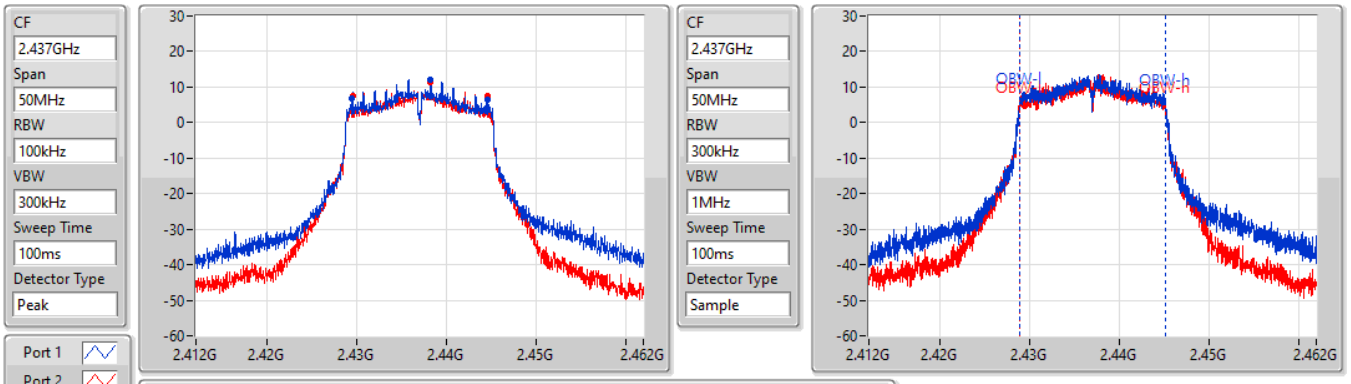


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.404475G	2.41955G	16.242M	2.403854G	2.420096G	500k	1
15.025M	2.4045G	2.419525G	16.267M	2.403829G	2.420096G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

05/08/2022

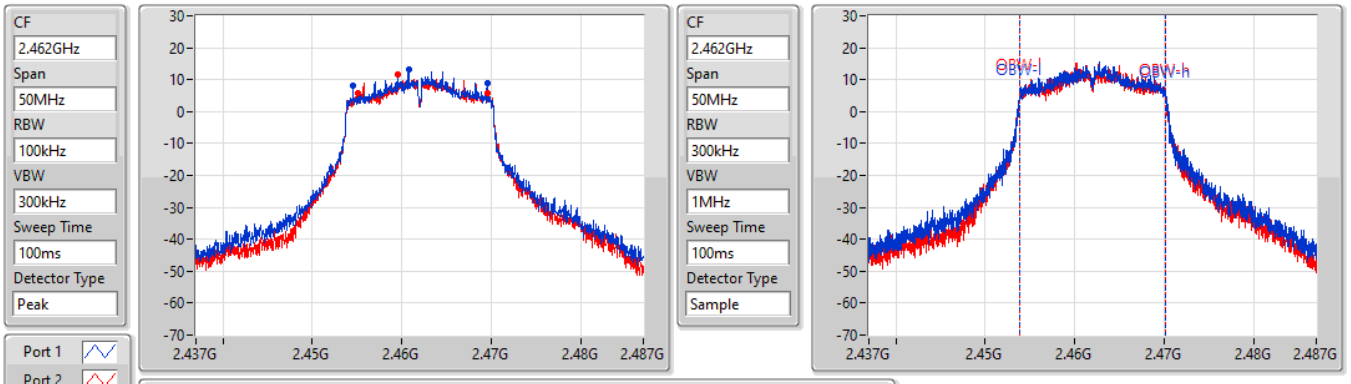


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.42945G	2.44455G	16.342M	2.428829G	2.445171G	500k	1
15.025M	2.4295G	2.444525G	16.292M	2.428829G	2.445121G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

05/08/2022

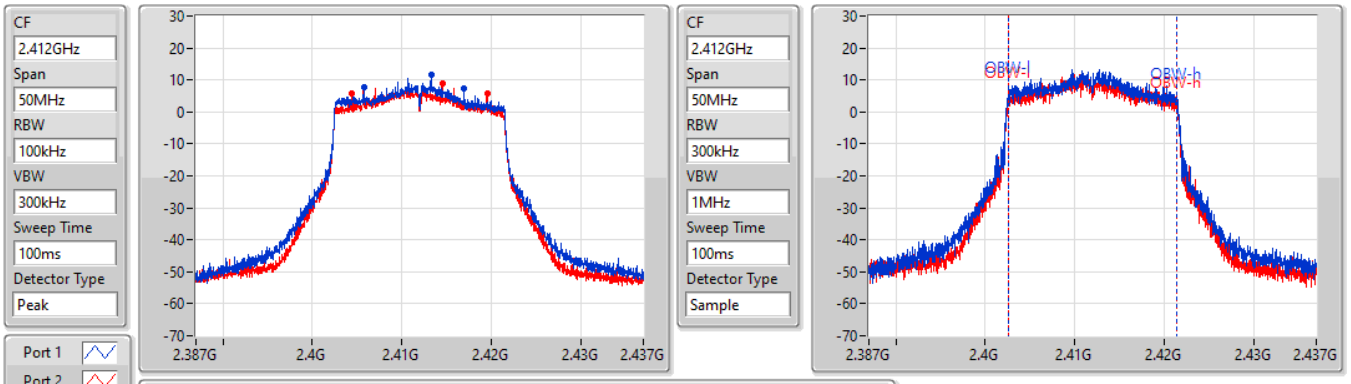


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.45455G	2.46955G	16.242M	2.453904G	2.470146G	500k	1
14.375M	2.45515G	2.469525G	16.267M	2.453904G	2.470171G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

05/08/2022

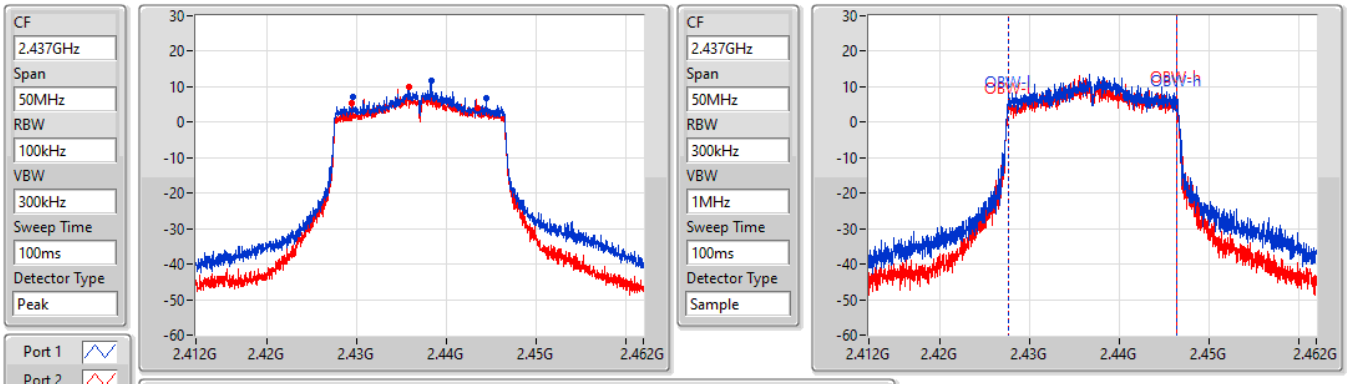


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
11.2M	2.405775G	2.416975G	18.766M	2.40258G	2.421345G	500k	1
15.05M	2.404475G	2.419525G	18.741M	2.402605G	2.421345G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

05/08/2022

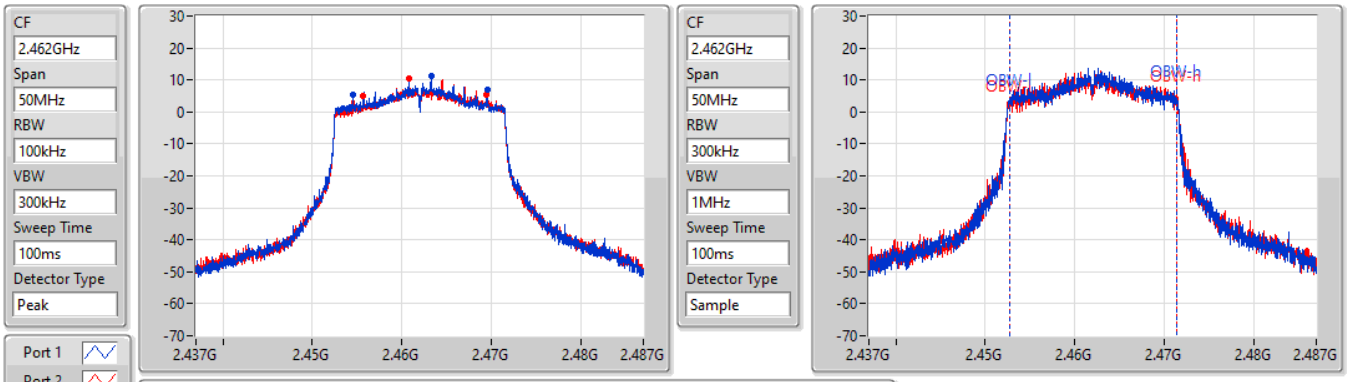


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.95M	2.429525G	2.444475G	18.866M	2.42758G	2.446445G	500k	1
13.975M	2.429475G	2.44345G	18.816M	2.427605G	2.44642G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2462MHz

05/08/2022

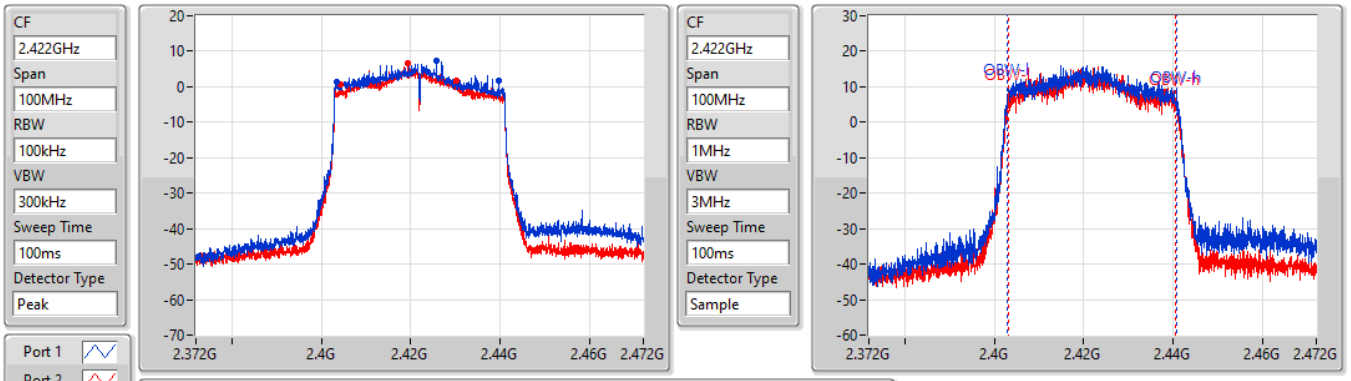


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.975M	2.45455G	2.469525G	18.716M	2.45268G	2.471395G	500k	1
13.75M	2.455725G	2.469475G	18.741M	2.45268G	2.47142G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2422MHz

19/07/2022

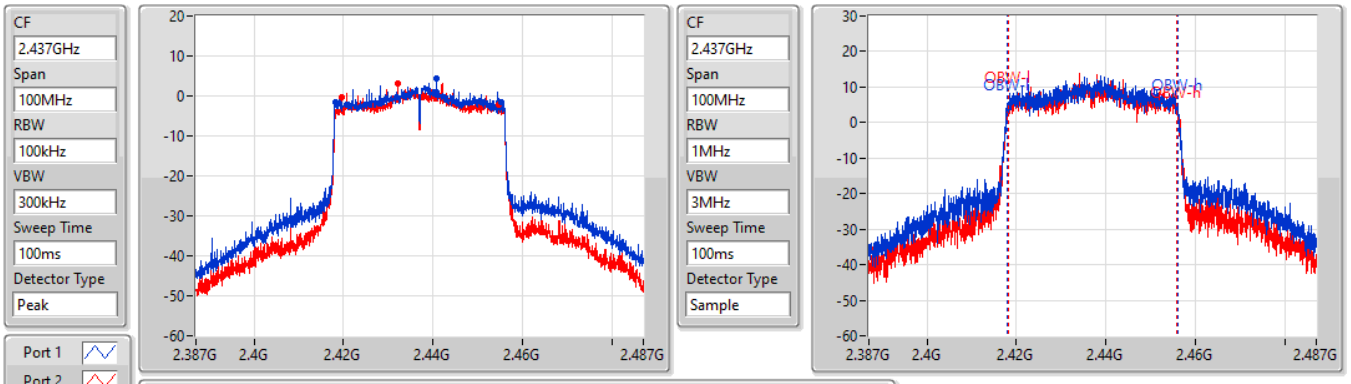


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	2.4035G	2.43955G	37.7M	2.40305G	2.44075G	500k	1
25.85M	2.40445G	2.4303G	37.45M	2.4032G	2.44065G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2437MHz

05/08/2022

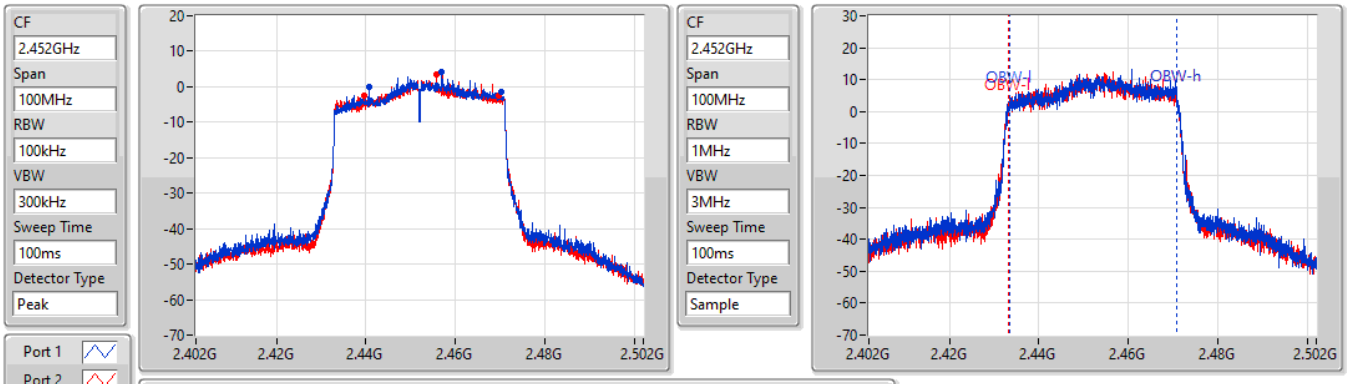


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.2M	2.4181G	2.4553G	38.031M	2.41796G	2.455991G	500k	1
35.25M	2.41955G	2.4548G	37.831M	2.418109G	2.455941G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2452MHz

05/08/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.6M	2.44075G	2.47035G	37.581M	2.433359G	2.470941G	500k	1
30.15M	2.4395G	2.46965G	37.581M	2.433309G	2.470891G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	27.18	0.52240
802.11g_Nss1,(6Mbps)_2TX	25.66	0.36813
802.11ax HEW20_Nss1,(MCS0)_2TX	23.41	0.21928
802.11ax HEW40_Nss1,(MCS0)_2TX	23.38	0.21777

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.70	23.16	21.95	25.61	30.00
2437MHz	Pass	2.70	23.55	22.83	26.22	30.00
2462MHz	Pass	2.70	24.25	24.09	27.18	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.70	20.62	19.81	23.24	30.00
2437MHz	Pass	2.70	21.86	21.24	24.57	30.00
2462MHz	Pass	2.70	22.82	22.47	25.66	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.70	20.56	19.28	22.98	30.00
2437MHz	Pass	2.70	20.90	19.83	23.41	30.00
2457MHz	Pass	2.70	20.18	20.13	23.17	30.00
2462MHz	Pass	2.70	20.03	19.66	22.86	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.70	20.81	19.89	23.38	30.00
2437MHz	Pass	2.70	18.11	17.27	20.72	30.00
2452MHz	Pass	2.70	16.95	16.63	19.80	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.29	0.21330
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.26	0.21184

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.71	20.45	19.13	22.85	30.00
2437MHz	Pass	5.71	20.78	19.72	23.29	30.00
2457MHz	Pass	5.71	20.06	20.01	23.05	30.00
2462MHz	Pass	5.71	19.90	19.51	22.72	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.71	20.70	19.74	23.26	30.00
2437MHz	Pass	5.71	17.99	17.13	20.59	30.00
2452MHz	Pass	5.71	16.82	16.50	19.67	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	3.77
802.11g_Nss1,(6Mbps)_2TX	-1.08
802.11ax HEW20_Nss1,(MCS0)_2TX	-2.05
802.11ax HEW40_Nss1,(MCS0)_2TX	-5.14

RBW = 3kHz;

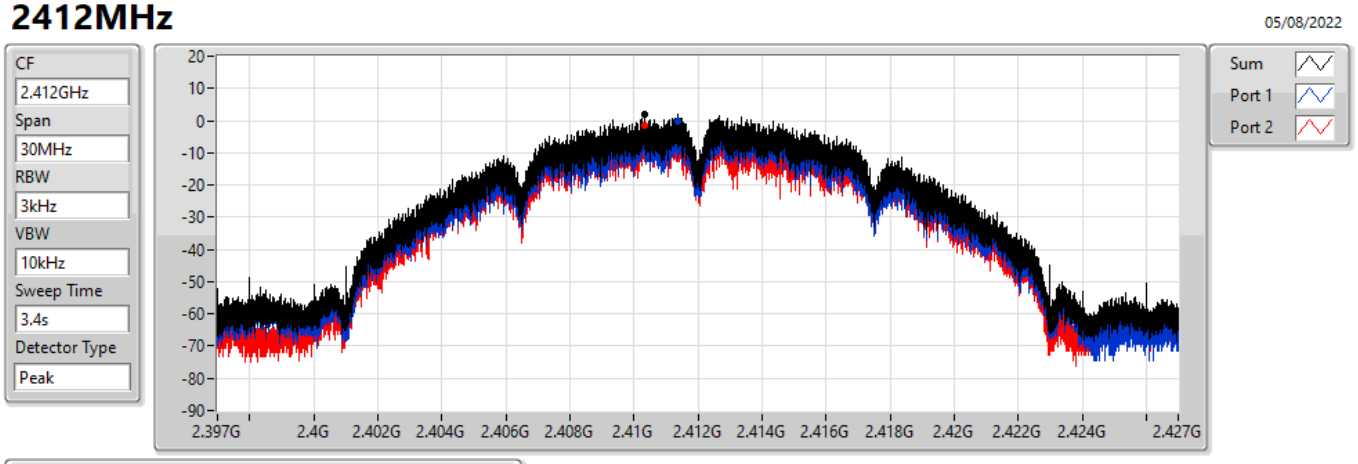
Result

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	5.71	-0.05	-1.42	1.77	8.00
2437MHz	Pass	5.71	1.24	0.21	3.77	8.00
2462MHz	Pass	5.71	0.01	0.11	2.88	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.71	-4.93	-5.74	-3.61	8.00
2437MHz	Pass	5.71	-4.08	-4.74	-2.64	8.00
2462MHz	Pass	5.71	-2.53	-3.38	-1.08	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.71	-4.54	-5.59	-2.81	8.00
2437MHz	Pass	5.71	-4.29	-4.01	-2.05	8.00
2462MHz	Pass	5.71	-4.62	-5.21	-2.24	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.71	-6.64	-7.91	-5.14	8.00
2437MHz	Pass	5.71	-10.37	-11.25	-8.52	8.00
2452MHz	Pass	5.71	-10.77	-10.75	-9.00	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

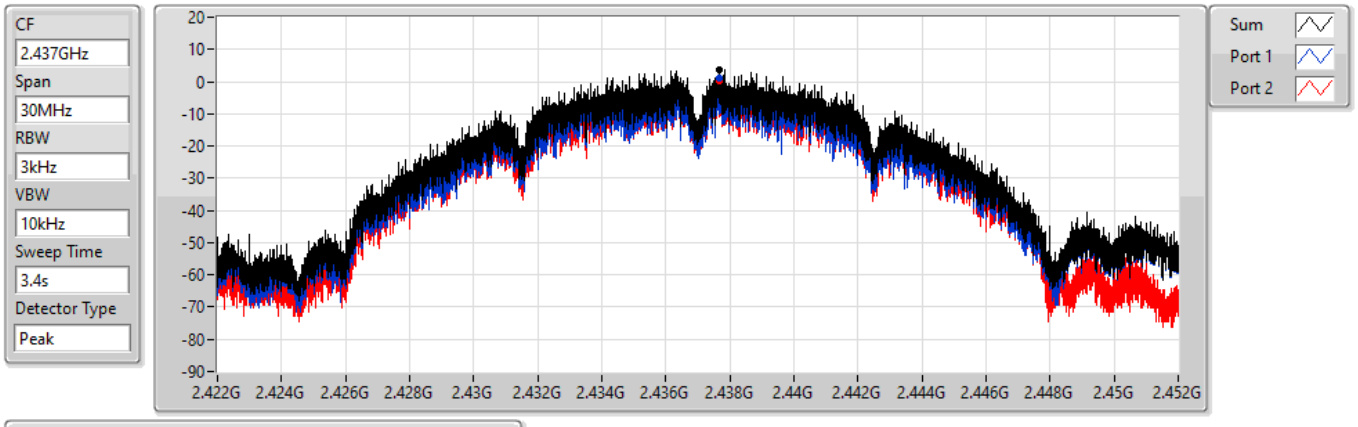
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.77	1.77	-0.05	-1.42

802.11b_Nss1,(1Mbps)_2TX PSD

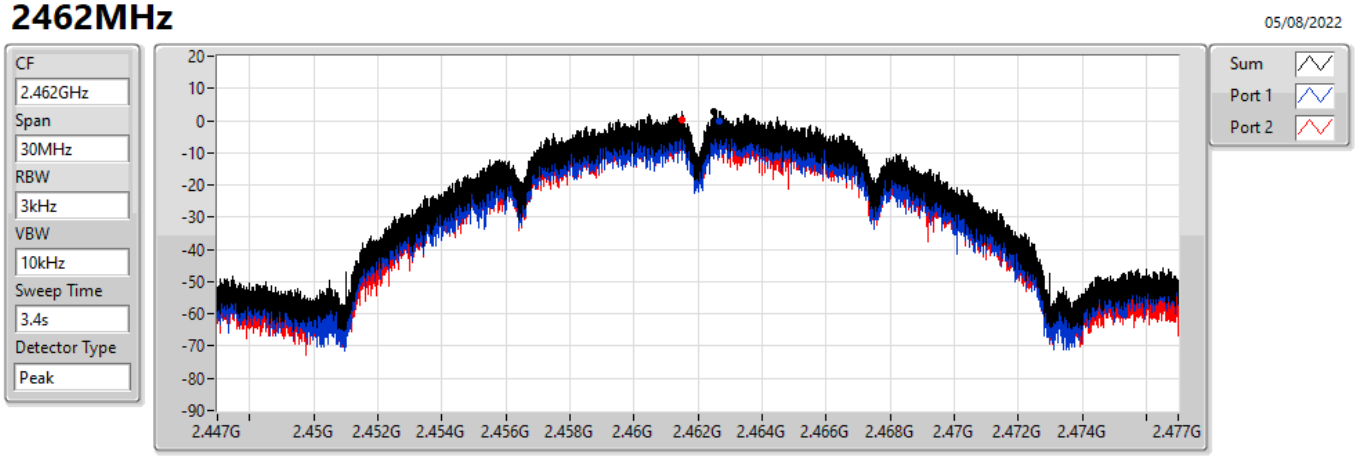
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.77	3.77	1.24	0.21

802.11b_Nss1,(1Mbps)_2TX PSD

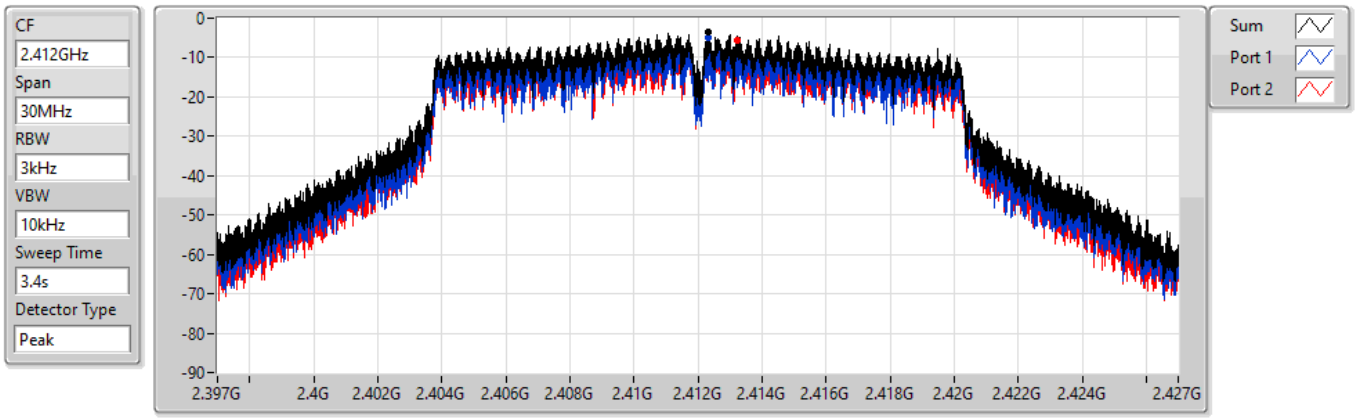
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.88	2.88	0.01	0.11

802.11g_Nss1,(6Mbps)_2TX PSD

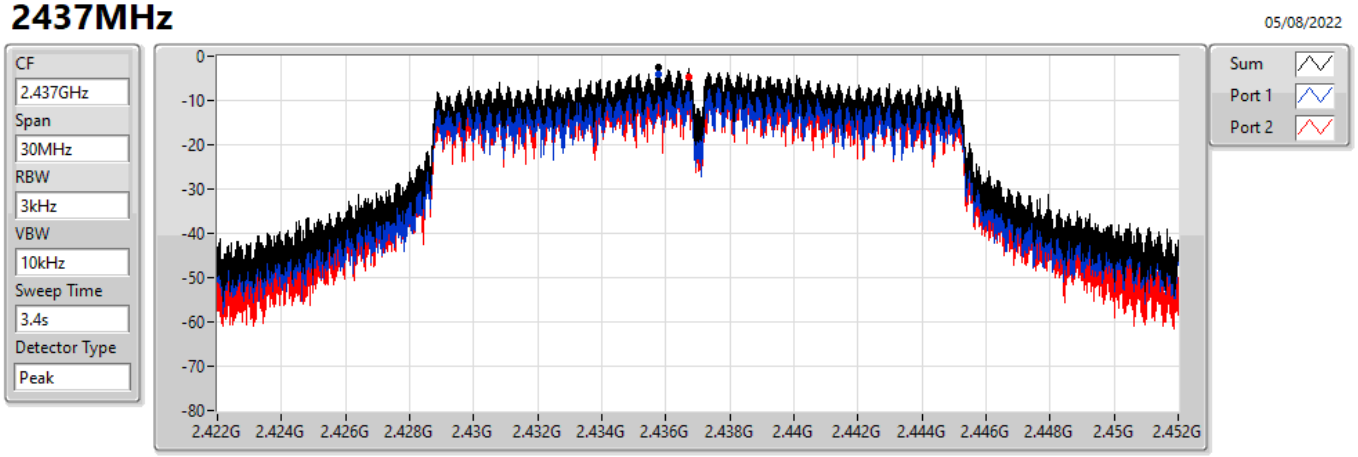
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.61	-3.61	-4.93	-5.74

802.11g_Nss1,(6Mbps)_2TX PSD

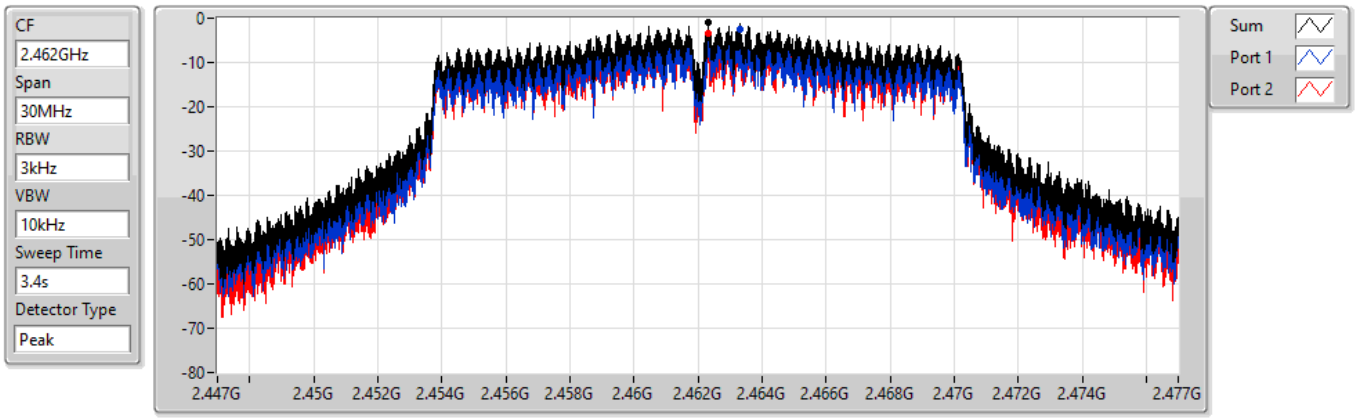
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.64	-2.64	-4.08	-4.74

802.11g_Nss1,(6Mbps)_2TX PSD

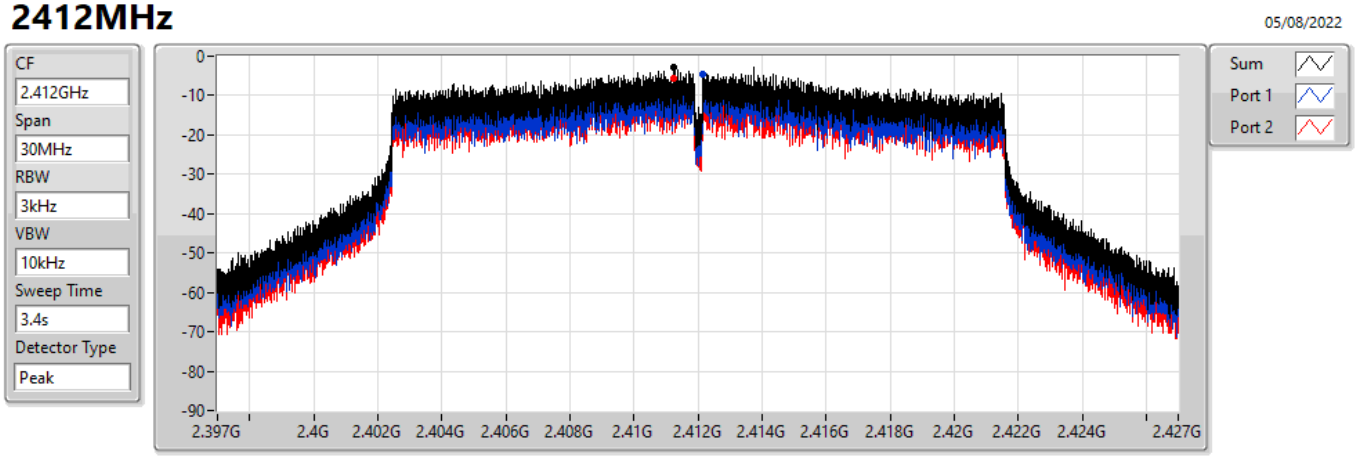
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.08	-1.08	-2.53	-3.38

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

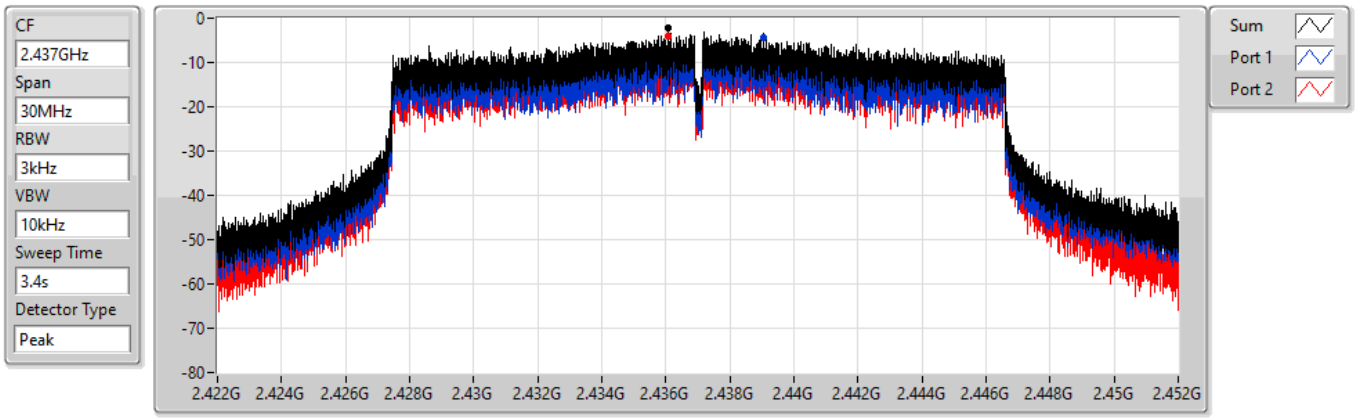
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.81	-2.81	-4.54	-5.59

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

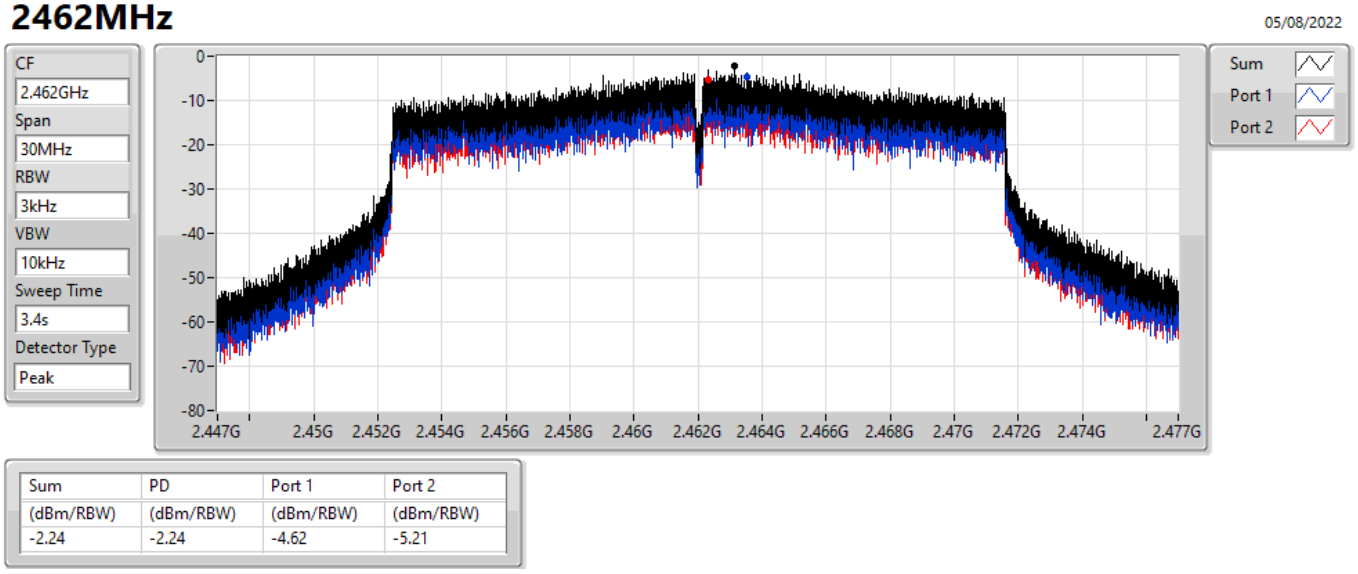
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.05	-2.05	-4.29	-4.01

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

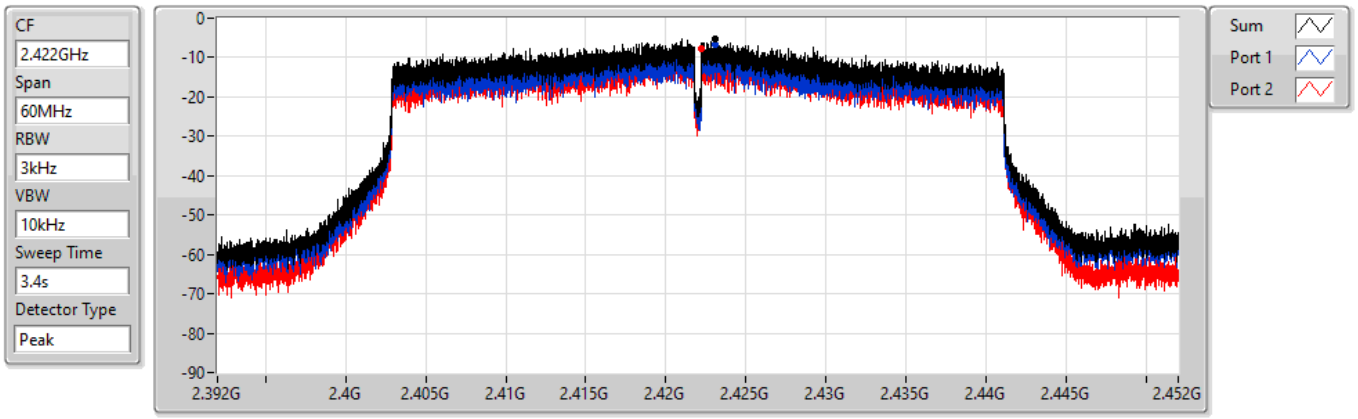
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.24	-2.24	-4.62	-5.21

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

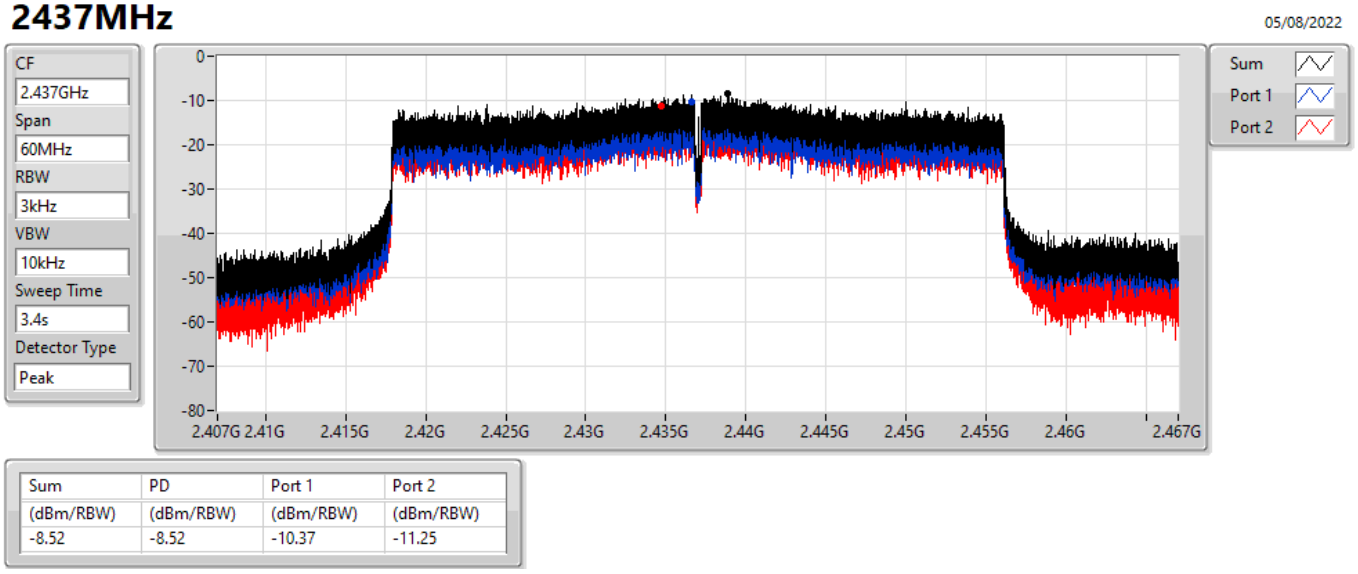
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.14	-5.14	-6.64	-7.91

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

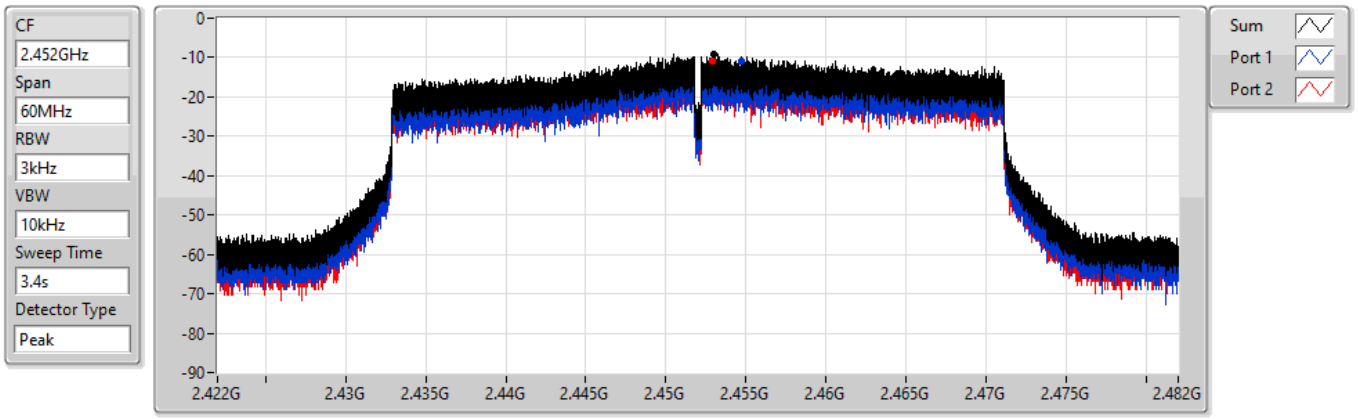
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.52	-8.52	-10.37	-11.25

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.00	-9.00	-10.77	-10.75

Summary

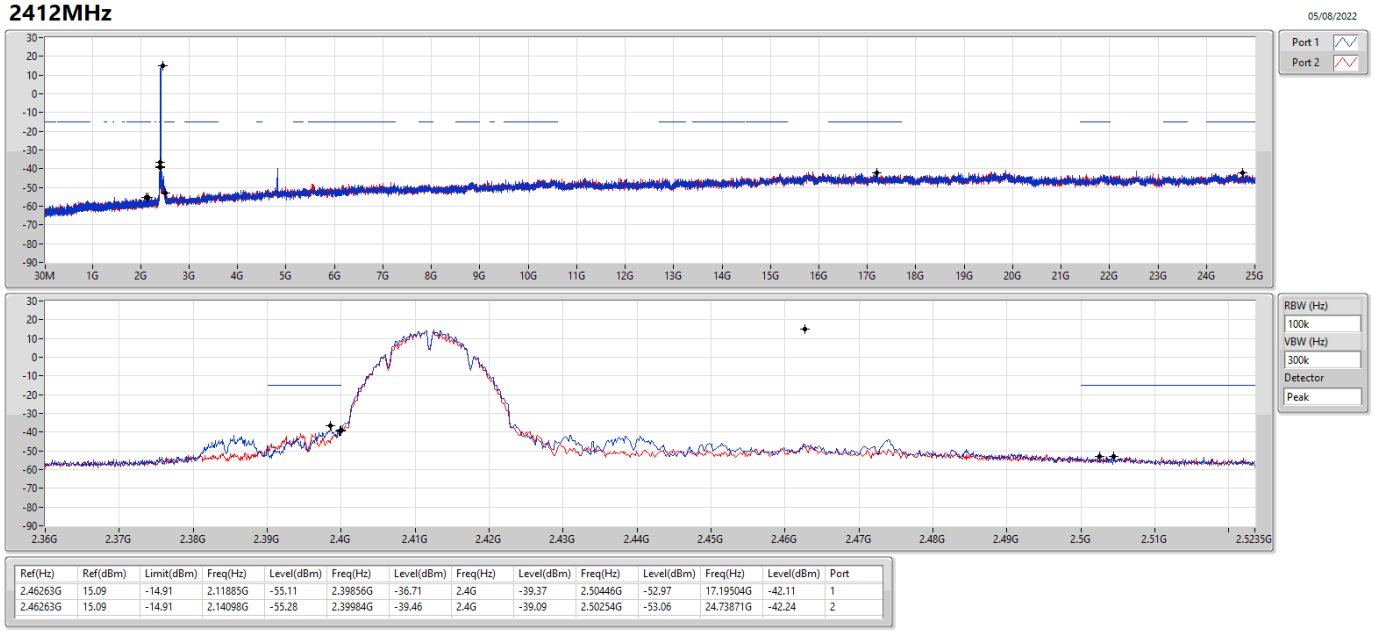
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.46263G	15.09	-14.91	2.11885G	-55.11	2.39856G	-36.71	2.4G	-39.37	2.50446G	-52.97	17.19504G	-42.11	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.46346G	12.76	-17.24	2.09322G	-55.94	2.39992G	-28.42	2.4G	-26.54	2.50342G	-53.78	17.13323G	-42.64	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.41069G	11.15	-18.85	2.14331G	-55.67	2.39992G	-26.28	2.4G	-27.05	2.50166G	-53.93	24.04475G	-42.18	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.4182G	6.47	-23.53	1.82994G	-55.47	2.4G	-31.19	2.4G	-29.49	2.5219G	-53.24	16.73776G	-41.67	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46263G	15.09	-14.91	2.11885G	-55.11	2.39856G	-36.71	2.4G	-39.37	2.50446G	-52.97	17.19504G	-42.11	1
2412MHz	Pass	2.46263G	15.09	-14.91	2.14098G	-55.28	2.39984G	-39.46	2.4G	-39.09	2.50254G	-53.06	24.73871G	-42.24	2
2437MHz	Pass	2.46263G	15.09	-14.91	2.13516G	-54.30	2.39704G	-44.78	2.4G	-48.25	2.5003G	-52.30	24.53361G	-42.03	1
2437MHz	Pass	2.46263G	15.09	-14.91	2.15263G	-55.68	2.39928G	-47.13	2.4G	-49.09	2.50054G	-53.12	24.82581G	-41.82	2
2462MHz	Pass	2.46263G	15.09	-14.91	1.8043G	-55.20	2.39584G	-50.93	2.4G	-52.21	2.50502G	-53.25	24.15713G	-42.23	1
2462MHz	Pass	2.46263G	15.09	-14.91	1.78566G	-55.12	2.4G	-48.81	2.4G	-47.96	2.50102G	-52.86	16.22574G	-42.52	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46346G	12.76	-17.24	2.09322G	-55.94	2.39992G	-28.42	2.4G	-26.54	2.50342G	-53.78	17.13323G	-42.64	1
2412MHz	Pass	2.46346G	12.76	-17.24	2.11535G	-55.16	2.39992G	-30.58	2.4G	-30.41	2.50822G	-53.80	24.75838G	-42.11	2
2437MHz	Pass	2.46346G	12.76	-17.24	1.73673G	-55.65	2.39928G	-46.28	2.4G	-46.60	2.51294G	-53.76	16.34655G	-42.30	1
2437MHz	Pass	2.46346G	12.76	-17.24	2.17011G	-55.83	2.39792G	-47.55	2.4G	-49.29	2.50646G	-52.29	24.21894G	-42.82	2
2462MHz	Pass	2.46346G	12.76	-17.24	49.81M	-47.71	2.3952G	-51.32	2.4G	-50.73	2.52198G	-53.93	24.7949G	-42.56	1
2462MHz	Pass	2.46346G	12.76	-17.24	49.81M	-46.67	2.39608G	-49.88	2.4G	-50.23	2.50078G	-53.43	24.50552G	-42.22	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41069G	11.15	-18.85	2.14331G	-55.67	2.39992G	-26.28	2.4G	-27.05	2.50166G	-53.93	24.04475G	-42.18	1
2412MHz	Pass	2.41069G	11.15	-18.85	2.30874G	-55.46	2.39976G	-28.82	2.4G	-28.66	2.51526G	-53.75	24.50271G	-41.84	2
2437MHz	Pass	2.41069G	11.15	-18.85	49.81M	-46.37	2.4G	-45.94	2.4G	-46.32	2.50438G	-53.51	24.19366G	-42.48	1
2437MHz	Pass	2.41069G	11.15	-18.85	2.30991G	-55.33	2.39768G	-48.47	2.4G	-49.00	2.50086G	-53.61	24.90447G	-42.41	2
2462MHz	Pass	2.41069G	11.15	-18.85	49.81M	-46.58	2.39992G	-52.17	2.4G	-53.15	2.50942G	-54.17	24.20489G	-42.43	1
2462MHz	Pass	2.41069G	11.15	-18.85	49.81M	-46.69	2.39976G	-51.46	2.4G	-50.30	2.5043G	-52.80	15.18901G	-42.16	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4182G	6.47	-23.53	1.82994G	-55.47	2.4G	-31.19	2.4G	-29.49	2.5219G	-53.24	16.73776G	-41.67	1
2422MHz	Pass	2.4182G	6.47	-23.53	2.30626G	-54.59	2.4G	-32.28	2.4G	-32.20	2.50286G	-53.17	16.35914G	-42.47	2
2437MHz	Pass	2.4182G	6.47	-23.53	2.13222G	-56.06	2.39968G	-41.74	2.4G	-43.38	2.50958G	-53.53	24.58773G	-41.99	1
2437MHz	Pass	2.4182G	6.47	-23.53	2.16657G	-55.52	2.39776G	-44.46	2.4G	-46.43	2.55406G	-54.21	16.56388G	-42.05	2
2452MHz	Pass	2.4182G	6.47	-23.53	2.30626G	-54.77	2.3992G	-50.14	2.4G	-49.69	2.50142G	-52.00	24.21472G	-41.67	1
2452MHz	Pass	2.4182G	6.47	-23.53	2.01543G	-55.27	2.4G	-50.28	2.4G	-49.94	2.50094G	-52.92	24.21472G	-42.05	2

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

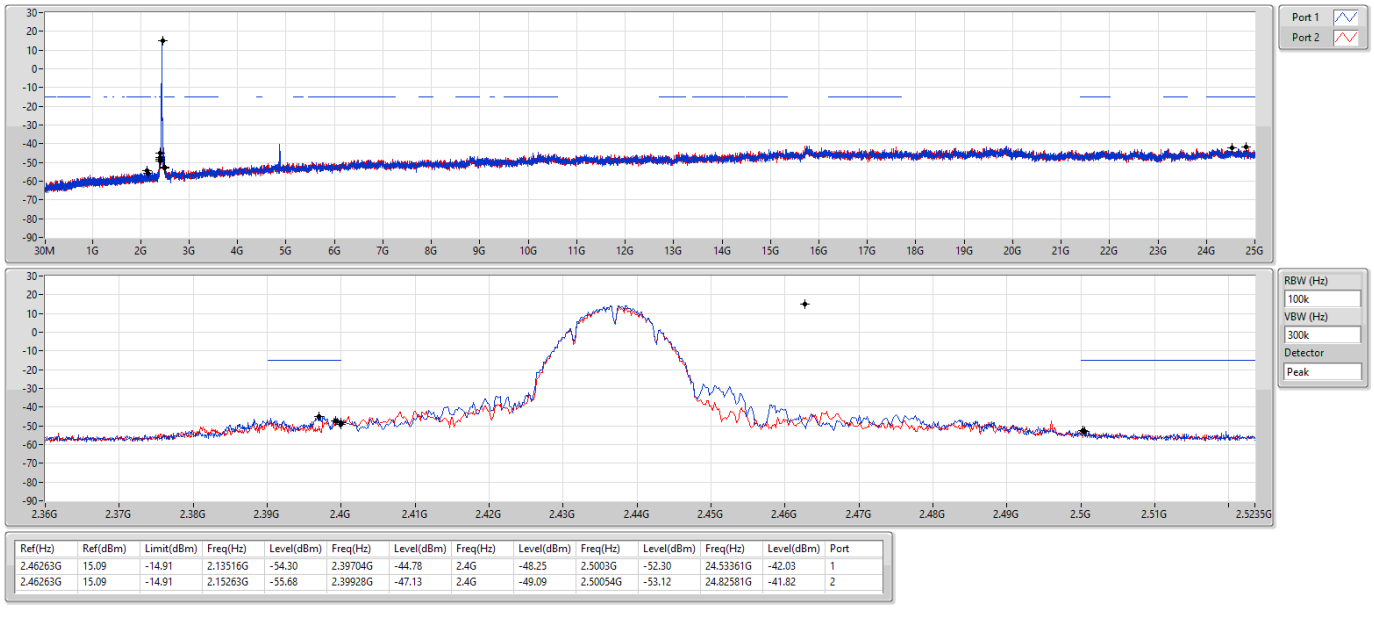
2412MHz



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
2.46263G	15.09	-14.91	2.11885G	-55.11	2.39856G	-36.71	2.4G	-39.37	2.50446G	-52.97	17.19504G	-42.11	1
2.46263G	15.09	-14.91	2.14098G	-55.28	2.39984G	-39.46	2.4G	-39.09	2.50254G	-53.06	24.73871G	-42.24	2

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

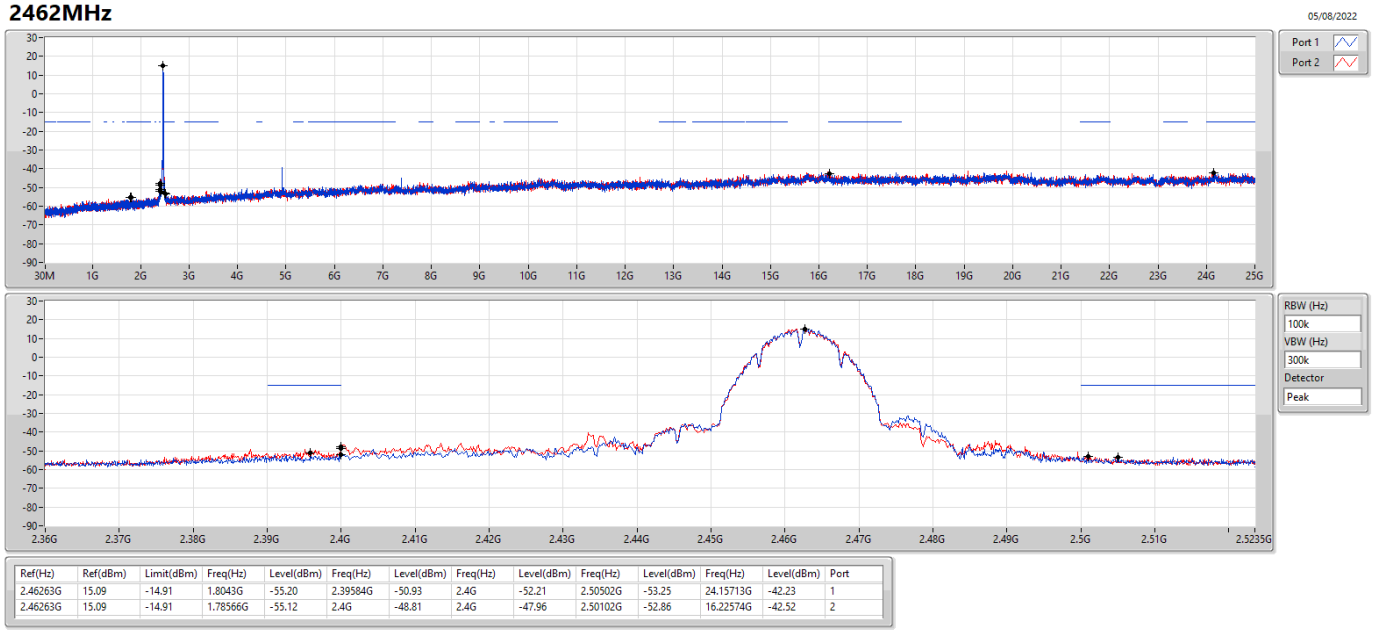
2437MHz



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
2.46263G	15.09	-14.91	2.13516G	-54.30	2.39704G	-44.78	2.4G	-48.25	2.5003G	-52.30	24.53361G	-42.03	1
2.46263G	15.09	-14.91	2.15263G	-55.68	2.39928G	-47.13	2.4G	-49.09	2.50054G	-53.12	24.82581G	-41.82	2

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

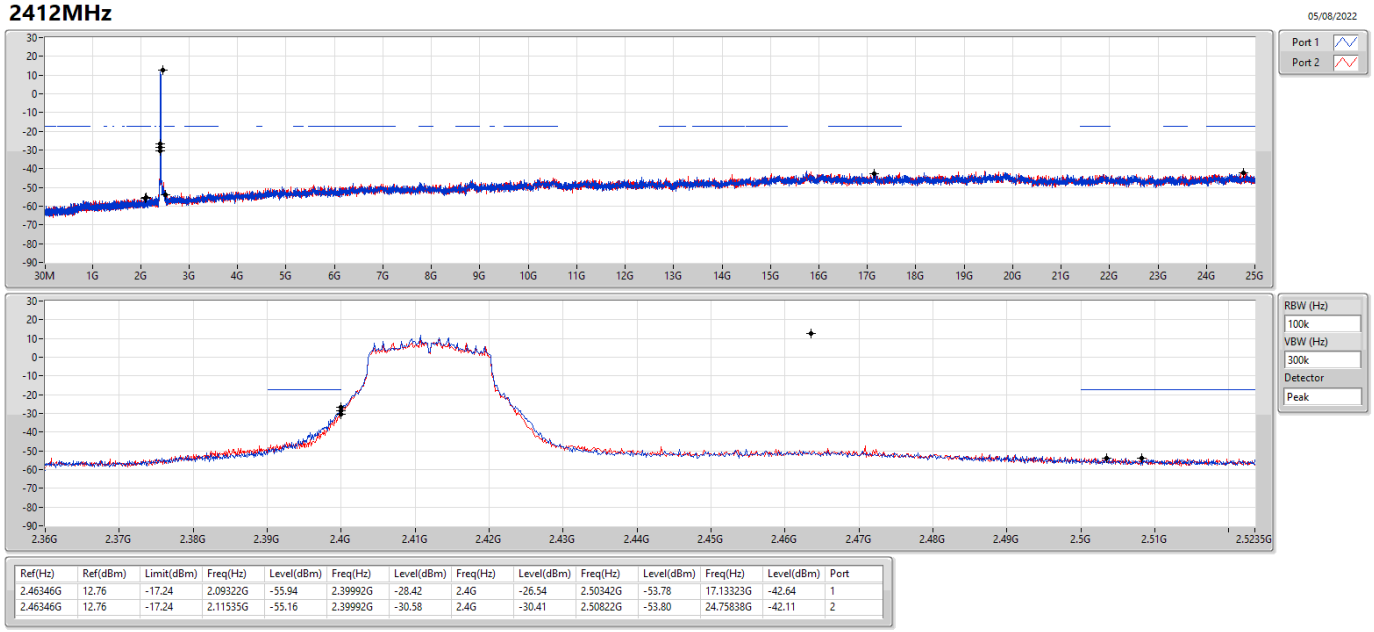
2462MHz



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
2.46263G	15.09	-14.91	1.8043G	-55.20	2.39584G	-50.93	2.4G	-52.21	2.50502G	-53.25	24.15713G	-42.23	1
2.46263G	15.09	-14.91	1.78566G	-55.12	2.4G	-48.81	2.4G	-47.96	2.50102G	-52.86	16.22574G	-42.52	2

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

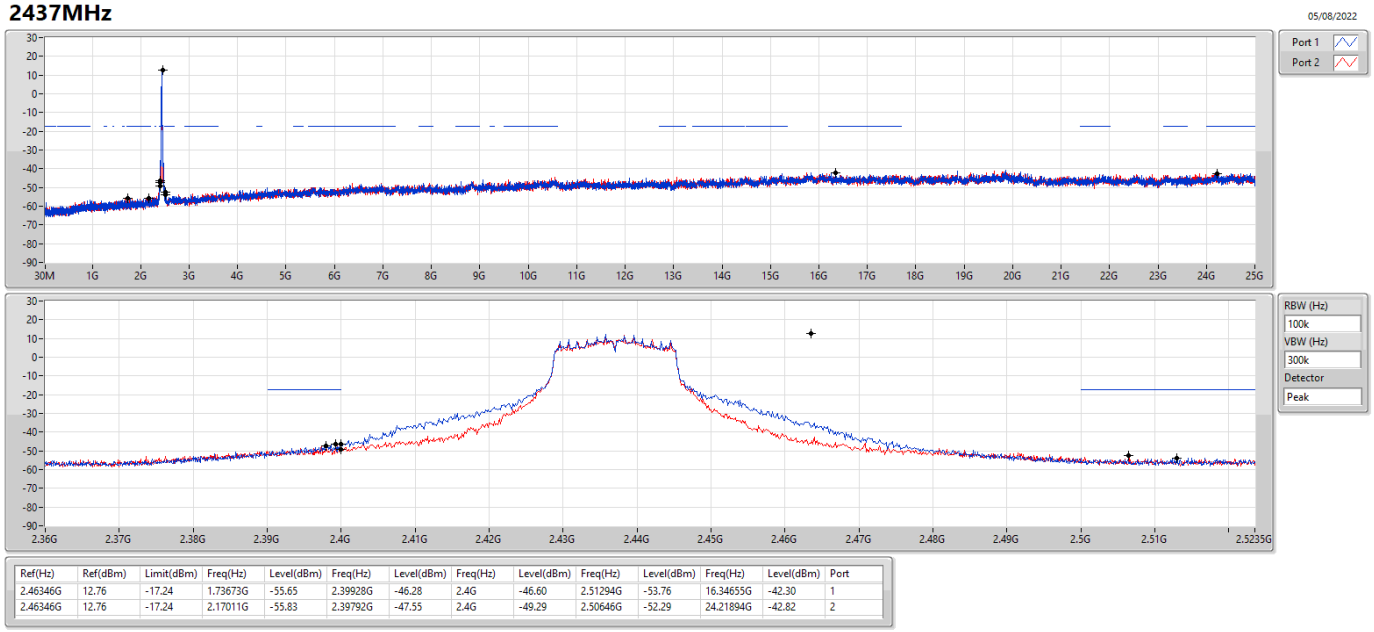
2412MHz



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
2.46346G	12.76	-17.24	2.09322G	-55.94	2.39992G	-28.42	2.4G	-26.54	2.50342G	-53.78	17.13323G	-42.64	1
2.46346G	12.76	-17.24	2.11535G	-55.16	2.39992G	-30.58	2.4G	-30.41	2.50822G	-53.80	24.75838G	-42.11	2

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

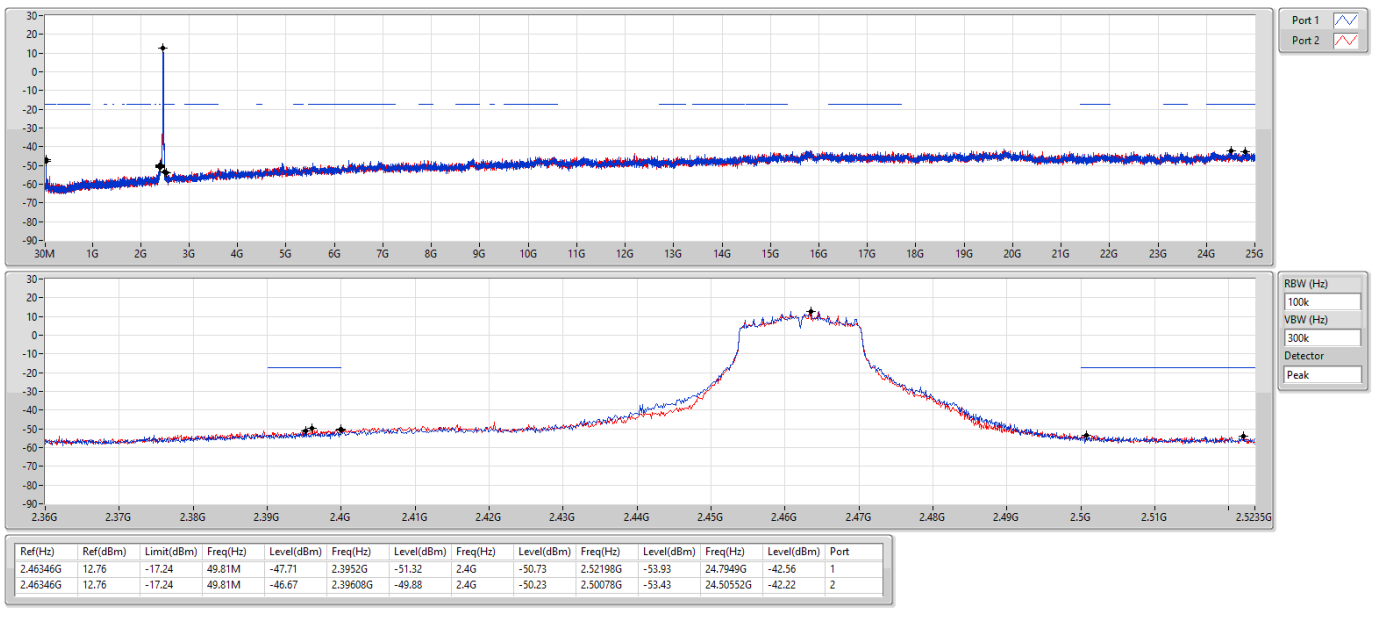
2437MHz



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
2.46346G	12.76	-17.24	1.73673G	-55.65	2.39928G	-46.28	2.4G	-46.60	2.51294G	-53.76	16.34655G	-42.30	1
2.46346G	12.76	-17.24	2.17011G	-55.83	2.39792G	-47.55	2.4G	-49.29	2.50646G	-52.29	24.21894G	-42.82	2

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

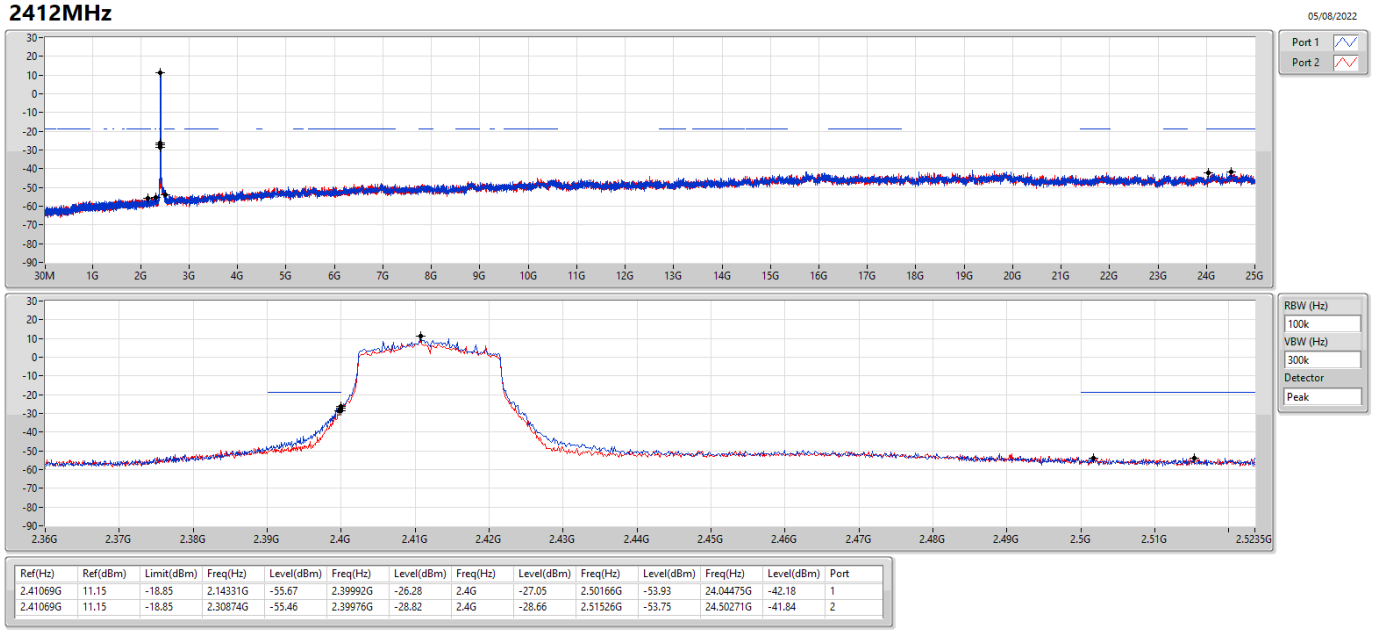
2462MHz



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
2.46346G	12.76	-17.24	49.81M	-47.71	2.3952G	-51.32	2.4G	-50.73	2.52198G	-53.93	24.7949G	-42.56	1
2.46346G	12.76	-17.24	49.81M	-46.67	2.39608G	-49.88	2.4G	-50.23	2.50078G	-53.43	24.50552G	-42.22	2

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

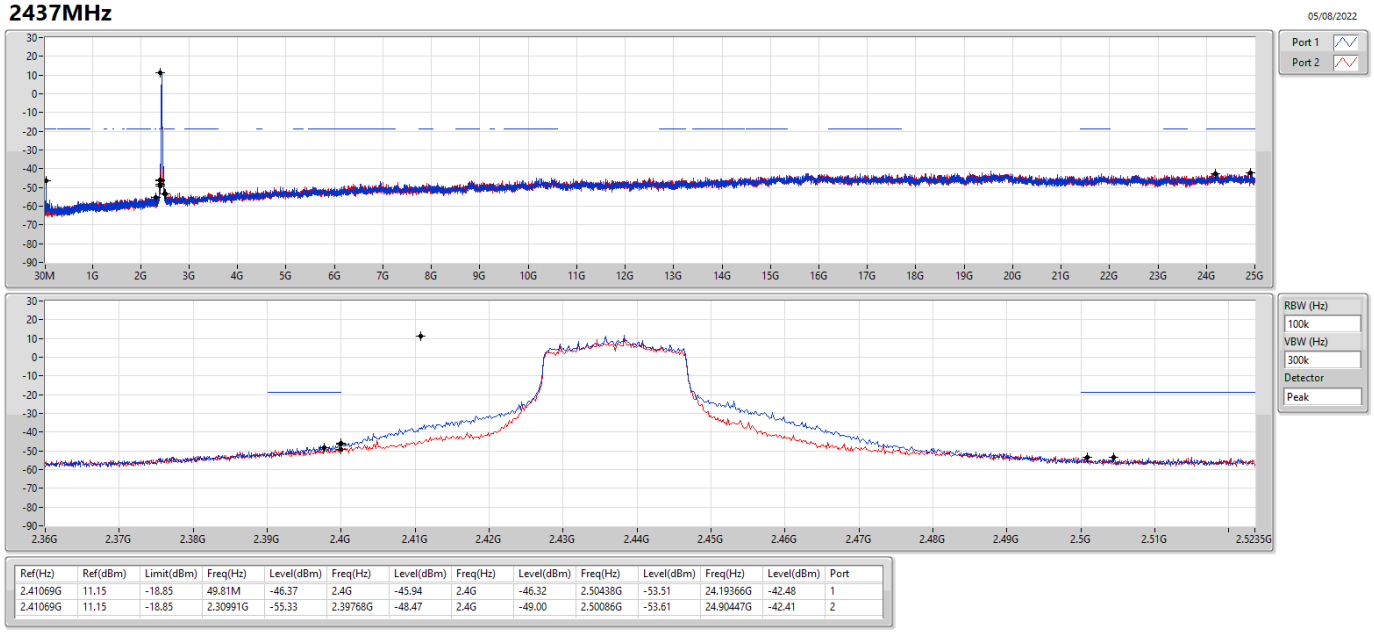
2412MHz



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
2.41069G	11.15	-18.85	2.14331G	-55.67	2.39992G	-26.28	2.4G	-27.05	2.50166G	-53.93	24.04475G	-42.18	1
2.41069G	11.15	-18.85	2.30874G	-55.46	2.39976G	-28.82	2.4G	-28.66	2.51526G	-53.75	24.50271G	-41.84	2

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

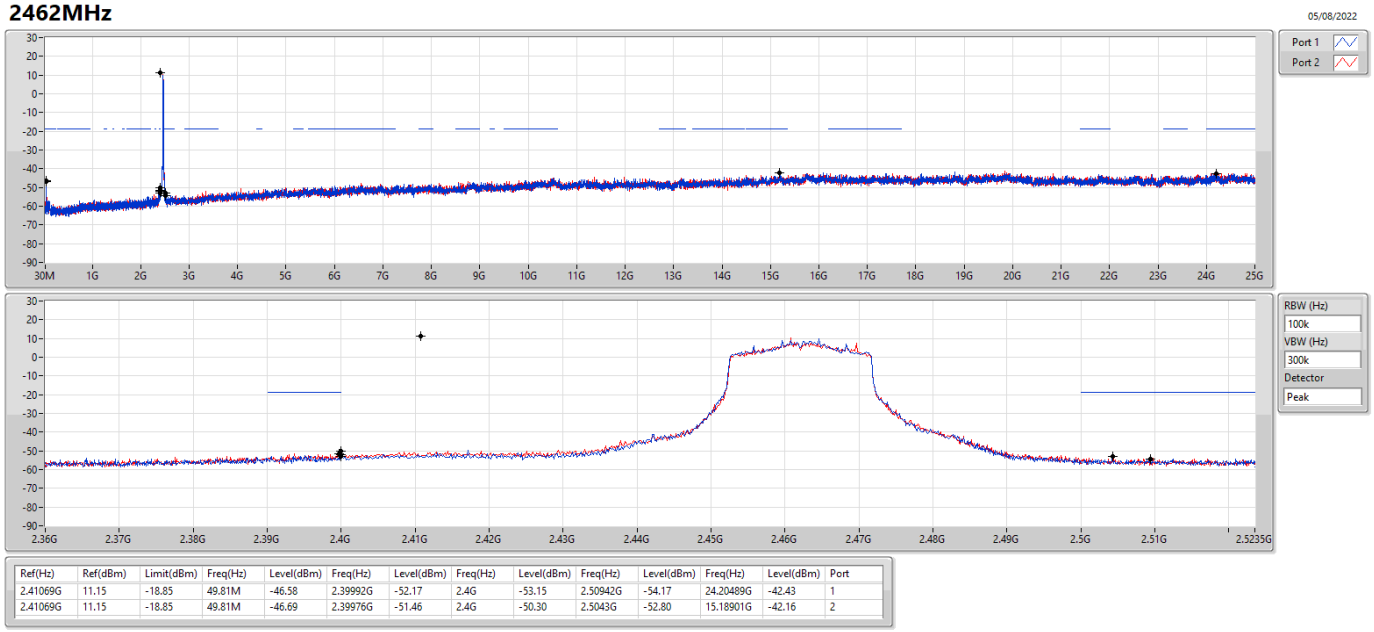
2437MHz



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
2.41069G	11.15	-18.85	49.81M	-46.37	2.4G	-45.94	2.4G	-46.32	2.50438G	-53.51	24.19366G	-42.48	1
2.41069G	11.15	-18.85	2.30991G	-55.33	2.39768G	-48.47	2.4G	-49.00	2.50086G	-53.61	24.90447G	-42.41	2

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

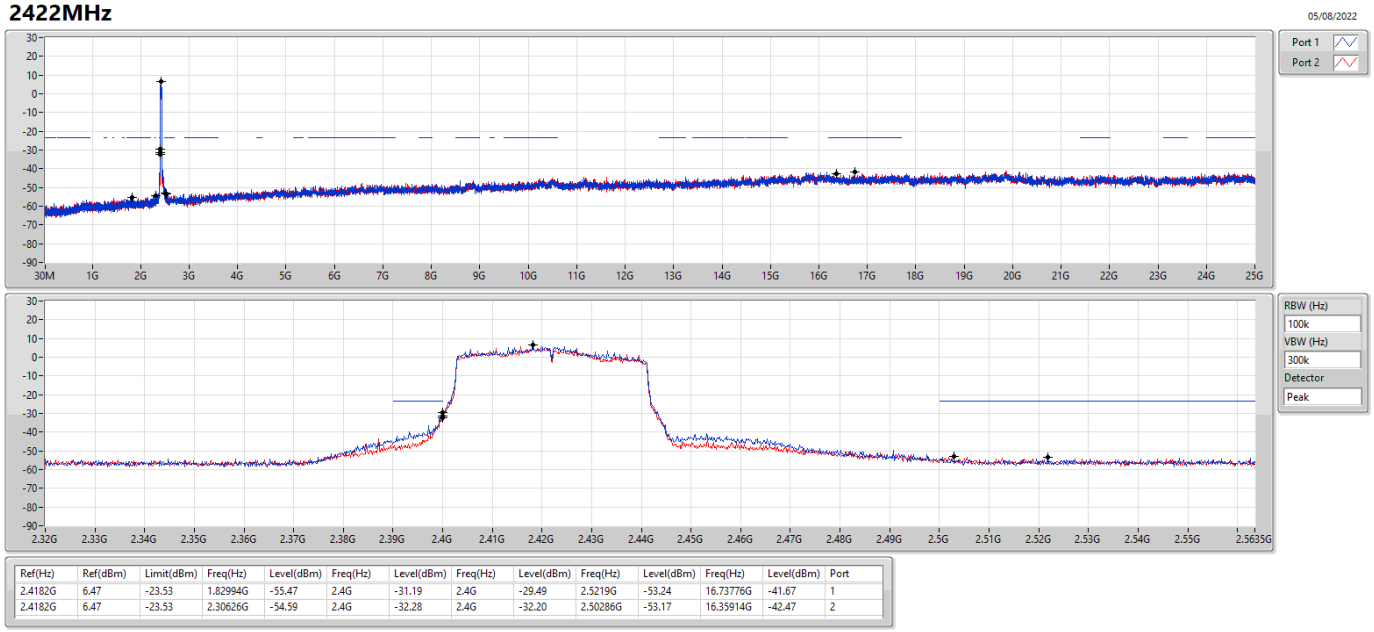
2462MHz



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
2.41069G	11.15	-18.85	49.81M	-46.58	2.39992G	-52.17	2.4G	-53.15	2.50942G	-54.17	24.20489G	-42.43	1
2.41069G	11.15	-18.85	49.81M	-46.69	2.39976G	-51.46	2.4G	-50.30	2.5043G	-52.80	15.18901G	-42.16	2

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

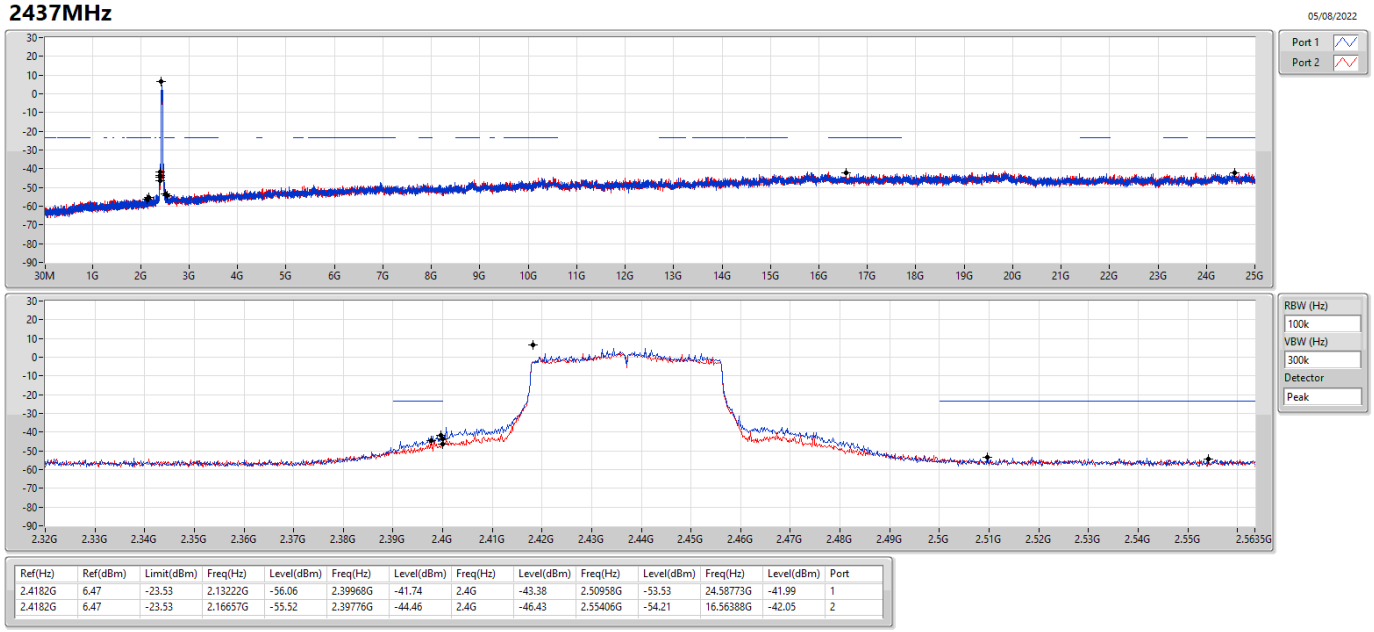
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4182G	6.47	-23.53	1.82994G	-55.47	2.4G	-31.19	2.4G	-29.49	2.5219G	-53.24	16.73776G	-41.67	1
2.4182G	6.47	-23.53	2.30626G	-54.59	2.4G	-32.28	2.4G	-32.20	2.50286G	-53.17	16.35914G	-42.47	2

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

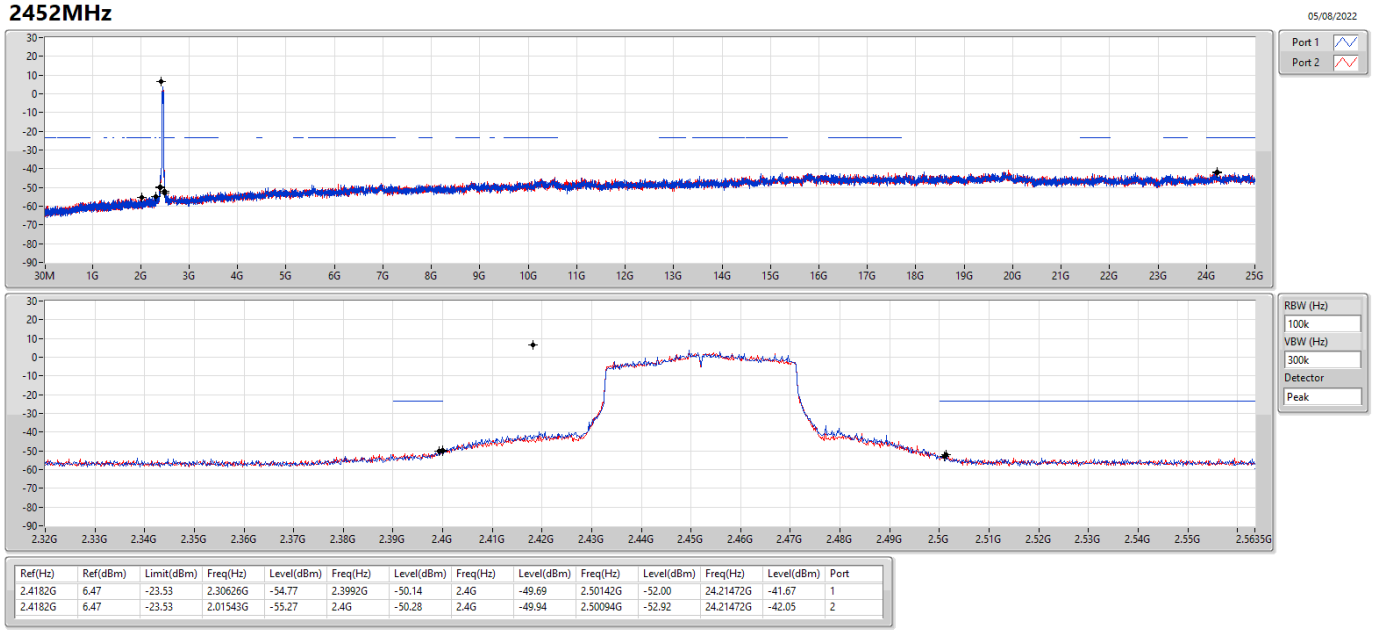
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4182G	6.47	-23.53	2.13222G	-56.06	2.39968G	-41.74	2.4G	-43.38	2.50958G	-53.53	24.58773G	-41.99	1
2.4182G	6.47	-23.53	2.16657G	-55.52	2.39776G	-44.46	2.4G	-46.43	2.55406G	-54.21	16.56388G	-42.05	2

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

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4182G	6.47	-23.53	2.30626G	-54.77	2.3992G	-50.14	2.4G	-49.69	2.50142G	-52.00	24.21472G	-41.67	1
2.4182G	6.47	-23.53	2.01543G	-55.27	2.4G	-50.28	2.4G	-49.94	2.50094G	-52.92	24.21472G	-42.05	2

Summary

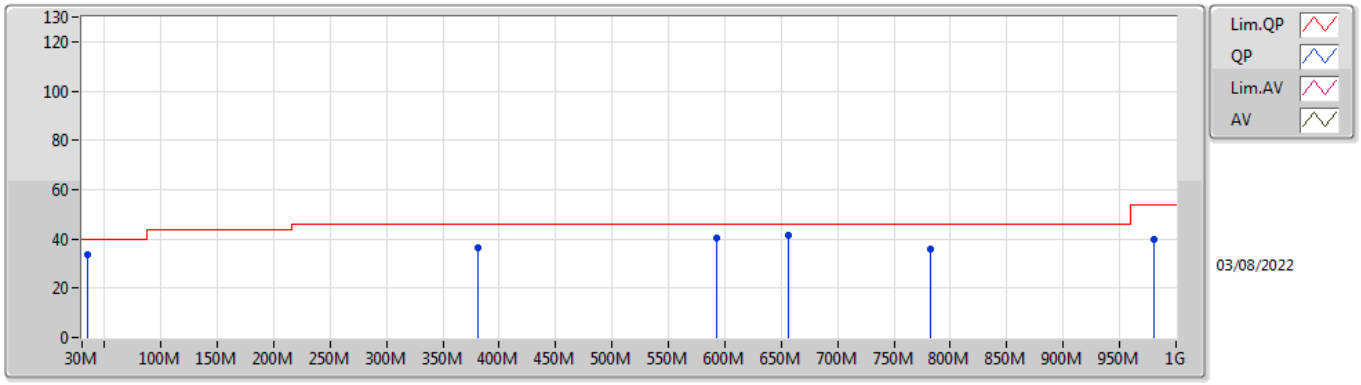
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	592.6M	42.42	46.00	-3.58	3	Horizontal	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	381.14M	36.53	46.00	-9.47	3	Vertical	360	1.00	-
2437MHz	Pass	PK	592.6M	40.18	46.00	-5.82	3	Vertical	360	1.00	-
2437MHz	Pass	PK	656.62M	41.67	46.00	-4.33	3	Vertical	360	1.00	-
2437MHz	Pass	PK	782.72M	35.85	46.00	-10.15	3	Vertical	360	1.00	-
2437MHz	Pass	PK	980.6M	39.78	54.00	-14.22	3	Vertical	360	1.00	-
2437MHz	Pass	QP	34.85M	33.56	40.00	-6.44	3	Vertical	8	1.00	-
2437MHz	Pass	PK	33.88M	26.24	40.00	-13.76	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	90.14M	29.01	43.50	-14.49	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	400.54M	33.50	46.00	-12.50	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	592.6M	42.42	46.00	-3.58	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	656.62M	38.04	46.00	-7.96	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	776.9M	35.65	46.00	-10.35	3	Horizontal	0	1.00	-

802.11ax HEW40_Nss1,(MCS0)_2TX

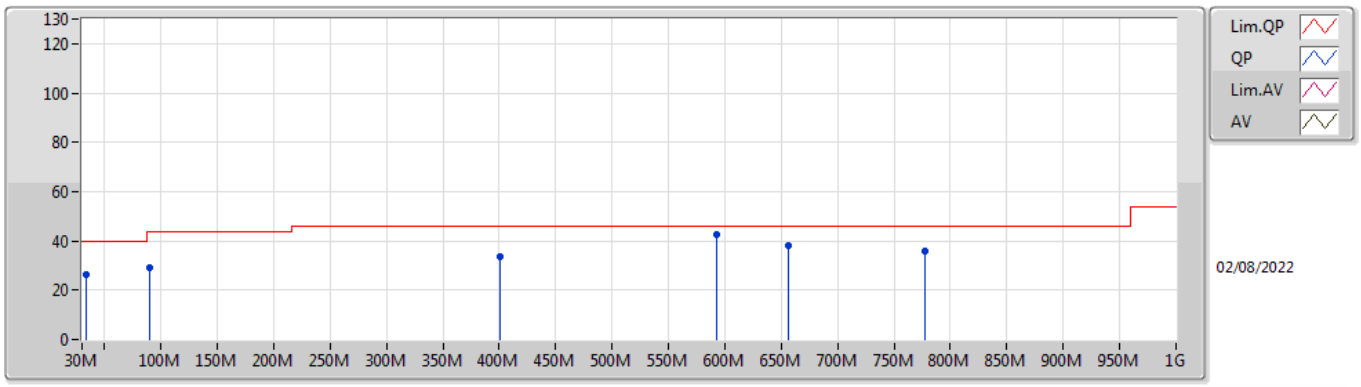
2437MHz_PoE



Type	Freq	Level	Limit	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	381.14M	36.53	46.00	-9.47	-14.25	3	Vertical	360	1.00	-	50.78	20.31	1.96	36.52
PK	592.6M	40.18	46.00	-5.82	-9.66	3	Vertical	360	1.00	-	49.84	24.80	2.64	37.10
PK	656.62M	41.67	46.00	-4.33	-8.70	3	Vertical	360	1.00	-	50.37	25.60	2.89	37.19
PK	782.72M	35.85	46.00	-10.15	-7.06	3	Vertical	360	1.00	-	42.91	27.29	3.11	37.46
PK	980.6M	39.78	54.00	-14.22	-3.76	3	Vertical	360	1.00	-	43.54	30.04	3.43	37.23
QP	34.85M	33.56	40.00	-6.44	-15.31	3	Vertical	8	1.00	-	48.87	21.29	0.53	37.13

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	33.88M	26.24	40.00	-13.76	-14.97	3	Horizontal	0	1.00	-	41.21	21.66	0.52	37.15
PK	90.14M	29.01	43.50	-14.49	-21.74	3	Horizontal	0	1.00	-	50.75	14.07	0.90	36.71
PK	400.54M	33.50	46.00	-12.50	-13.43	3	Horizontal	0	1.00	-	46.93	21.07	2.01	36.51
PK	592.6M	42.42	46.00	-3.58	-9.66	3	Horizontal	0	1.00	-	52.08	24.80	2.64	37.10
PK	656.62M	38.04	46.00	-7.96	-8.70	3	Horizontal	0	1.00	-	46.74	25.60	2.89	37.19
PK	776.9M	35.65	46.00	-10.35	-7.11	3	Horizontal	0	1.00	-	42.76	27.25	3.10	37.46

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.388G	53.89	54.00	-0.11	3	Horizontal	283	1.13	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.3898G	53.84	54.00	-0.16	3	Horizontal	80	1.00	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	51.91	54.00	-2.09	3	Horizontal	92	1.29	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.19	54.00	-0.81	3	Horizontal	285	2.89	-

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	47.39	54.00	-6.61	3	Vertical	30	2.87	-
2412MHz	Pass	AV	2.4111G	109.62	Inf	-Inf	3	Vertical	30	2.87	-
2412MHz	Pass	PK	2.3847G	58.33	74.00	-15.67	3	Vertical	30	2.87	-
2412MHz	Pass	PK	2.4111G	111.79	Inf	-Inf	3	Vertical	30	2.87	-
2412MHz	Pass	AV	2.3892G	53.70	54.00	-0.30	3	Horizontal	272	1.01	-
2412MHz	Pass	AV	2.4112G	116.31	Inf	-Inf	3	Horizontal	272	1.01	-
2412MHz	Pass	PK	2.3893G	61.20	74.00	-12.80	3	Horizontal	272	1.01	-
2412MHz	Pass	PK	2.4115G	118.69	Inf	-Inf	3	Horizontal	272	1.01	-
2412MHz	Pass	AV	4.824G	43.79	54.00	-10.21	3	Vertical	95	2.64	-
2412MHz	Pass	PK	4.82394G	50.53	74.00	-23.47	3	Vertical	95	2.64	-
2412MHz	Pass	AV	4.82403G	42.07	54.00	-11.93	3	Horizontal	85	2.70	-
2412MHz	Pass	PK	4.82385G	49.96	74.00	-24.04	3	Horizontal	85	2.70	-
2437MHz	Pass	AV	2.3882G	48.02	54.00	-5.98	3	Vertical	29	2.99	-
2437MHz	Pass	AV	2.4362G	108.14	Inf	-Inf	3	Vertical	29	2.99	-
2437MHz	Pass	AV	2.4858G	47.66	54.00	-6.34	3	Vertical	29	2.99	-
2437MHz	Pass	PK	2.3642G	58.19	74.00	-15.81	3	Vertical	29	2.99	-
2437MHz	Pass	PK	2.4362G	110.32	Inf	-Inf	3	Vertical	29	2.99	-
2437MHz	Pass	PK	2.4838G	58.41	74.00	-15.59	3	Vertical	29	2.99	-
2437MHz	Pass	AV	2.388G	53.89	54.00	-0.11	3	Horizontal	283	1.13	-
2437MHz	Pass	AV	2.4362G	116.81	Inf	-Inf	3	Horizontal	283	1.13	-
2437MHz	Pass	AV	2.4858G	53.57	54.00	-0.43	3	Horizontal	283	1.13	-
2437MHz	Pass	PK	2.3882G	61.91	74.00	-12.09	3	Horizontal	283	1.13	-
2437MHz	Pass	PK	2.4364G	119.43	Inf	-Inf	3	Horizontal	283	1.13	-
2437MHz	Pass	PK	2.4856G	61.71	74.00	-12.29	3	Horizontal	283	1.13	-
2437MHz	Pass	AV	4.87399G	52.60	54.00	-1.40	3	Vertical	90	3.00	-
2437MHz	Pass	AV	7.30943G	40.36	54.00	-13.64	3	Vertical	146	3.00	-
2437MHz	Pass	PK	4.87396G	55.82	74.00	-18.18	3	Vertical	90	3.00	-
2437MHz	Pass	PK	7.30961G	52.21	74.00	-21.79	3	Vertical	146	3.00	-
2437MHz	Pass	AV	4.87403G	50.31	54.00	-3.69	3	Horizontal	108	2.98	-
2437MHz	Pass	AV	7.30985G	39.35	54.00	-14.65	3	Horizontal	81	2.45	-
2437MHz	Pass	PK	4.87399G	54.65	74.00	-19.35	3	Horizontal	108	2.98	-
2437MHz	Pass	PK	7.31088G	51.48	74.00	-22.52	3	Horizontal	81	2.45	-
2462MHz	Pass	AV	2.4628G	105.93	Inf	-Inf	3	Vertical	202	3.00	-
2462MHz	Pass	AV	2.4883G	46.34	54.00	-7.66	3	Vertical	202	3.00	-
2462MHz	Pass	PK	2.4629G	108.17	Inf	-Inf	3	Vertical	202	3.00	-
2462MHz	Pass	PK	2.4936G	57.93	74.00	-16.07	3	Vertical	202	3.00	-
2462MHz	Pass	AV	2.4628G	117.58	Inf	-Inf	3	Horizontal	86	1.16	-
2462MHz	Pass	AV	2.4857G	51.28	54.00	-2.72	3	Horizontal	86	1.16	-
2462MHz	Pass	PK	2.4625G	120.16	Inf	-Inf	3	Horizontal	86	1.16	-
2462MHz	Pass	PK	2.4844G	61.54	74.00	-12.46	3	Horizontal	86	1.16	-
2462MHz	Pass	AV	4.92401G	46.51	54.00	-7.49	3	Vertical	92	2.98	-
2462MHz	Pass	AV	7.38626G	38.93	54.00	-15.07	3	Vertical	220	2.63	-
2462MHz	Pass	PK	4.92412G	52.01	74.00	-21.99	3	Vertical	92	2.98	-
2462MHz	Pass	PK	7.38632G	50.75	74.00	-23.25	3	Vertical	220	2.63	-
2462MHz	Pass	AV	4.92398G	42.83	54.00	-11.17	3	Horizontal	52	3.00	-
2462MHz	Pass	AV	7.38559G	39.00	54.00	-15.00	3	Horizontal	0	2.26	-
2462MHz	Pass	PK	4.92411G	50.17	74.00	-23.83	3	Horizontal	52	3.00	-
2462MHz	Pass	PK	7.38644G	51.41	74.00	-22.59	3	Horizontal	0	2.26	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.84	54.00	-5.16	3	Vertical	28	2.88	-
2412MHz	Pass	AV	2.4109G	105.05	Inf	-Inf	3	Vertical	28	2.88	-
2412MHz	Pass	PK	2.3899G	62.48	74.00	-11.52	3	Vertical	28	2.88	-
2412MHz	Pass	PK	2.4107G	113.02	Inf	-Inf	3	Vertical	28	2.88	-
2412MHz	Pass	AV	2.3881G	50.97	54.00	-3.03	3	Horizontal	90	1.49	-
2412MHz	Pass	AV	2.4112G	111.86	Inf	-Inf	3	Horizontal	90	1.49	-
2412MHz	Pass	PK	2.3883G	63.35	74.00	-10.65	3	Horizontal	90	1.49	-
2412MHz	Pass	PK	2.4114G	119.62	Inf	-Inf	3	Horizontal	90	1.49	-
2412MHz	Pass	AV	4.82396G	37.46	54.00	-16.54	3	Vertical	98	3.00	-
2412MHz	Pass	PK	4.82394G	48.97	74.00	-25.03	3	Vertical	98	3.00	-
2412MHz	Pass	AV	4.824G	36.05	54.00	-17.95	3	Horizontal	113	2.94	-

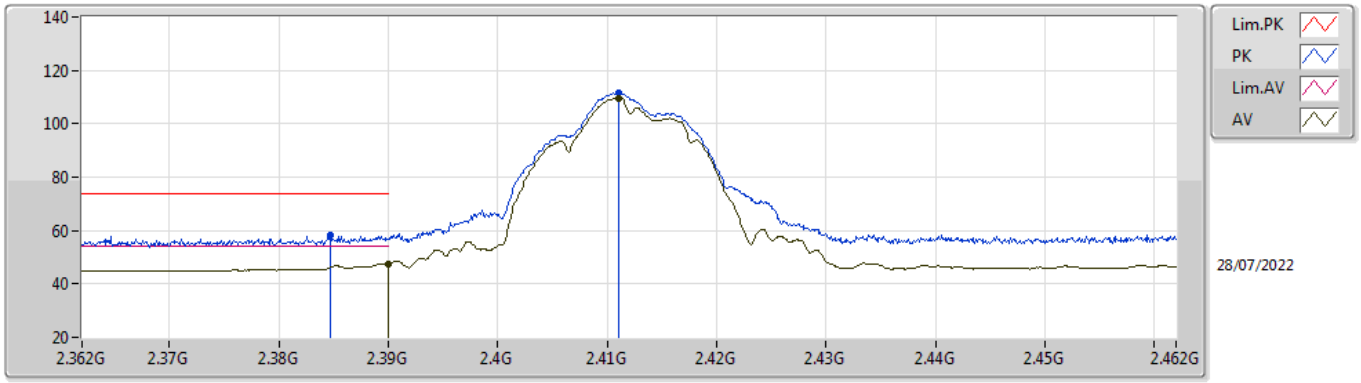
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	4.82416G	47.69	74.00	-26.31	3	Horizontal	113	2.94	-
2437MHz	Pass	AV	2.3886G	47.16	54.00	-6.84	3	Vertical	19	2.73	-
2437MHz	Pass	AV	2.436G	104.37	Inf	-Inf	3	Vertical	19	2.73	-
2437MHz	Pass	AV	2.4835G	49.07	54.00	-4.93	3	Vertical	19	2.73	-
2437MHz	Pass	PK	2.389G	58.94	74.00	-15.06	3	Vertical	19	2.73	-
2437MHz	Pass	PK	2.4362G	112.35	Inf	-Inf	3	Vertical	19	2.73	-
2437MHz	Pass	PK	2.4835G	60.28	74.00	-13.72	3	Vertical	19	2.73	-
2437MHz	Pass	AV	2.3898G	53.84	54.00	-0.16	3	Horizontal	80	1.00	-
2437MHz	Pass	AV	2.4362G	112.87	Inf	-Inf	3	Horizontal	80	1.00	-
2437MHz	Pass	AV	2.4838G	53.04	54.00	-0.96	3	Horizontal	80	1.00	-
2437MHz	Pass	PK	2.3894G	67.89	74.00	-6.11	3	Horizontal	80	1.00	-
2437MHz	Pass	PK	2.4362G	120.35	Inf	-Inf	3	Horizontal	80	1.00	-
2437MHz	Pass	PK	2.485G	65.11	74.00	-8.89	3	Horizontal	80	1.00	-
2437MHz	Pass	AV	4.87399G	40.27	54.00	-13.73	3	Vertical	96	3.00	-
2437MHz	Pass	AV	7.31096G	38.69	54.00	-15.31	3	Vertical	128	2.35	-
2437MHz	Pass	PK	4.87449G	53.75	74.00	-20.25	3	Vertical	96	3.00	-
2437MHz	Pass	PK	7.31014G	50.41	74.00	-23.59	3	Vertical	128	2.35	-
2437MHz	Pass	AV	4.87376G	34.54	54.00	-19.46	3	Horizontal	194	1.50	-
2437MHz	Pass	AV	7.31059G	38.80	54.00	-15.20	3	Horizontal	335	2.18	-
2437MHz	Pass	PK	4.87324G	46.40	74.00	-27.60	3	Horizontal	194	1.50	-
2437MHz	Pass	PK	7.31098G	50.87	74.00	-23.13	3	Horizontal	335	2.18	-
2462MHz	Pass	AV	2.4606G	105.83	Inf	-Inf	3	Vertical	30	3.00	-
2462MHz	Pass	AV	2.4842G	50.92	54.00	-3.08	3	Vertical	30	3.00	-
2462MHz	Pass	PK	2.4606G	113.90	Inf	-Inf	3	Vertical	30	3.00	-
2462MHz	Pass	PK	2.485G	63.18	74.00	-10.82	3	Vertical	30	3.00	-
2462MHz	Pass	AV	2.4612G	113.62	Inf	-Inf	3	Horizontal	91	1.47	-
2462MHz	Pass	AV	2.4851G	53.52	54.00	-0.48	3	Horizontal	91	1.47	-
2462MHz	Pass	PK	2.4613G	121.28	Inf	-Inf	3	Horizontal	91	1.47	-
2462MHz	Pass	PK	2.4849G	66.73	74.00	-7.27	3	Horizontal	91	1.47	-
2462MHz	Pass	AV	4.924G	36.51	54.00	-17.49	3	Vertical	140	2.81	-
2462MHz	Pass	AV	7.38536G	38.77	54.00	-15.23	3	Vertical	33	2.61	-
2462MHz	Pass	PK	4.924G	47.96	74.00	-26.04	3	Vertical	140	2.81	-
2462MHz	Pass	PK	7.38542G	50.83	74.00	-23.17	3	Vertical	33	2.61	-
2462MHz	Pass	AV	4.92405G	36.12	54.00	-17.88	3	Horizontal	50	2.70	-
2462MHz	Pass	AV	7.3869G	38.84	54.00	-15.16	3	Horizontal	137	1.45	-
2462MHz	Pass	PK	4.9237G	48.21	74.00	-25.79	3	Horizontal	50	2.70	-
2462MHz	Pass	PK	7.38616G	50.75	74.00	-23.25	3	Horizontal	137	1.45	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	46.67	54.00	-7.33	3	Vertical	32	2.89	-
2412MHz	Pass	AV	2.4131G	103.23	Inf	-Inf	3	Vertical	32	2.89	-
2412MHz	Pass	PK	2.3876G	58.33	74.00	-15.67	3	Vertical	32	2.89	-
2412MHz	Pass	PK	2.4128G	115.08	Inf	-Inf	3	Vertical	32	2.89	-
2412MHz	Pass	AV	2.39G	50.69	54.00	-3.31	3	Horizontal	272	1.07	-
2412MHz	Pass	AV	2.4128G	111.10	Inf	-Inf	3	Horizontal	272	1.07	-
2412MHz	Pass	PK	2.3895G	62.38	74.00	-11.62	3	Horizontal	272	1.07	-
2412MHz	Pass	PK	2.4129G	121.98	Inf	-Inf	3	Horizontal	272	1.07	-
2412MHz	Pass	AV	4.82403G	37.25	54.00	-16.75	3	Vertical	101	2.93	-
2412MHz	Pass	PK	4.82392G	49.04	74.00	-24.96	3	Vertical	101	2.93	-
2412MHz	Pass	AV	4.824G	35.99	54.00	-18.01	3	Horizontal	113	2.63	-
2412MHz	Pass	PK	4.82362G	47.66	74.00	-26.34	3	Horizontal	113	2.63	-
2437MHz	Pass	AV	2.3898G	46.61	54.00	-7.39	3	Vertical	18	2.72	-
2437MHz	Pass	AV	2.4358G	102.45	Inf	-Inf	3	Vertical	18	2.72	-
2437MHz	Pass	AV	2.4835G	47.44	54.00	-6.56	3	Vertical	18	2.72	-
2437MHz	Pass	PK	2.3894G	58.47	74.00	-15.53	3	Vertical	18	2.72	-
2437MHz	Pass	PK	2.4362G	113.74	Inf	-Inf	3	Vertical	18	2.72	-
2437MHz	Pass	PK	2.4844G	59.99	74.00	-14.01	3	Vertical	18	2.72	-
2437MHz	Pass	AV	2.39G	51.88	54.00	-2.12	3	Horizontal	80	1.00	-
2437MHz	Pass	AV	2.436G	111.41	Inf	-Inf	3	Horizontal	80	1.00	-
2437MHz	Pass	AV	2.4835G	51.34	54.00	-2.66	3	Horizontal	80	1.00	-
2437MHz	Pass	PK	2.389G	66.14	74.00	-7.86	3	Horizontal	80	1.00	-
2437MHz	Pass	PK	2.436G	122.20	Inf	-Inf	3	Horizontal	80	1.00	-
2437MHz	Pass	PK	2.4838G	62.77	74.00	-11.23	3	Horizontal	80	1.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	4.87398G	38.75	54.00	-15.25	3	Vertical	96	3.00	-
2437MHz	Pass	PK	4.87443G	54.73	74.00	-19.27	3	Vertical	96	3.00	-
2437MHz	Pass	AV	4.87396G	37.03	54.00	-16.97	3	Horizontal	111	2.97	-
2437MHz	Pass	PK	4.87444G	52.53	74.00	-21.47	3	Horizontal	111	2.97	-
2457MHz	Pass	AV	2.4584G	103.06	Inf	-Inf	3	Vertical	29	2.66	-
2457MHz	Pass	AV	2.4835G	46.63	54.00	-7.37	3	Vertical	29	2.66	-
2457MHz	Pass	PK	2.4579G	114.55	Inf	-Inf	3	Vertical	29	2.66	-
2457MHz	Pass	PK	2.4877G	57.95	74.00	-16.05	3	Vertical	29	2.66	-
2457MHz	Pass	AV	2.4581G	112.24	Inf	-Inf	3	Horizontal	278	1.00	-
2457MHz	Pass	AV	2.4885G	49.57	54.00	-4.43	3	Horizontal	278	1.00	-
2457MHz	Pass	PK	2.4578G	123.35	Inf	-Inf	3	Horizontal	278	1.00	-
2457MHz	Pass	PK	2.4873G	60.79	74.00	-13.21	3	Horizontal	278	1.00	-
2462MHz	Pass	AV	2.4594G	98.89	Inf	-Inf	3	Vertical	30	2.36	-
2462MHz	Pass	AV	2.4866G	47.05	54.00	-6.95	3	Vertical	30	2.36	-
2462MHz	Pass	PK	2.4594G	109.95	Inf	-Inf	3	Vertical	30	2.36	-
2462MHz	Pass	PK	2.4997G	58.76	74.00	-15.24	3	Vertical	30	2.36	-
2462MHz	Pass	AV	2.461G	111.36	Inf	-Inf	3	Horizontal	92	1.29	-
2462MHz	Pass	AV	2.4835G	51.91	54.00	-2.09	3	Horizontal	92	1.29	-
2462MHz	Pass	PK	2.4614G	122.32	Inf	-Inf	3	Horizontal	92	1.29	-
2462MHz	Pass	PK	2.4835G	63.42	74.00	-10.58	3	Horizontal	92	1.29	-
2462MHz	Pass	AV	4.92399G	36.33	54.00	-17.67	3	Vertical	139	3.00	-
2462MHz	Pass	PK	4.92421G	47.78	74.00	-26.22	3	Vertical	139	3.00	-
2462MHz	Pass	AV	4.92404G	35.81	54.00	-18.19	3	Horizontal	52	2.87	-
2462MHz	Pass	PK	4.92386G	47.69	74.00	-26.31	3	Horizontal	52	2.87	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.389G	45.61	54.00	-8.39	3	Vertical	226	1.12	-
2422MHz	Pass	AV	2.4202G	92.38	Inf	-Inf	3	Vertical	226	1.12	-
2422MHz	Pass	AV	2.495G	46.22	54.00	-7.78	3	Vertical	226	1.12	-
2422MHz	Pass	PK	2.3884G	57.47	74.00	-16.53	3	Vertical	226	1.12	-
2422MHz	Pass	PK	2.4194G	103.43	Inf	-Inf	3	Vertical	226	1.12	-
2422MHz	Pass	PK	2.4872G	57.53	74.00	-16.47	3	Vertical	226	1.12	-
2422MHz	Pass	AV	2.3898G	53.05	54.00	-0.95	3	Horizontal	272	1.19	-
2422MHz	Pass	AV	2.419G	106.58	Inf	-Inf	3	Horizontal	272	1.19	-
2422MHz	Pass	AV	2.4838G	48.63	54.00	-5.37	3	Horizontal	272	1.19	-
2422MHz	Pass	PK	2.3888G	64.01	74.00	-9.99	3	Horizontal	272	1.19	-
2422MHz	Pass	PK	2.4198G	117.02	Inf	-Inf	3	Horizontal	272	1.19	-
2422MHz	Pass	PK	2.4854G	60.15	74.00	-13.85	3	Horizontal	272	1.19	-
2422MHz	Pass	AV	4.84403G	37.55	54.00	-16.45	3	Vertical	98	2.89	-
2422MHz	Pass	AV	7.26617G	39.12	54.00	-14.88	3	Vertical	70	2.92	-
2422MHz	Pass	PK	4.84379G	48.29	74.00	-25.71	3	Vertical	98	2.89	-
2422MHz	Pass	PK	7.26516G	51.11	74.00	-22.89	3	Vertical	70	2.92	-
2422MHz	Pass	AV	4.84401G	36.16	54.00	-17.84	3	Horizontal	114	2.61	-
2422MHz	Pass	AV	7.2671G	39.10	54.00	-14.90	3	Horizontal	331	1.94	-
2422MHz	Pass	PK	4.84414G	47.67	74.00	-26.33	3	Horizontal	114	2.61	-
2422MHz	Pass	PK	7.26585G	51.67	74.00	-22.33	3	Horizontal	331	1.94	-
2437MHz	Pass	AV	2.3872G	45.88	54.00	-8.12	3	Vertical	20	2.73	-
2437MHz	Pass	AV	2.4352G	96.79	Inf	-Inf	3	Vertical	20	2.73	-
2437MHz	Pass	AV	2.4838G	47.74	54.00	-6.26	3	Vertical	20	2.73	-
2437MHz	Pass	PK	2.3472G	57.48	74.00	-16.52	3	Vertical	20	2.73	-
2437MHz	Pass	PK	2.435G	108.38	Inf	-Inf	3	Vertical	20	2.73	-
2437MHz	Pass	PK	2.485G	59.15	74.00	-14.85	3	Vertical	20	2.73	-
2437MHz	Pass	AV	2.39G	50.89	54.00	-3.11	3	Horizontal	285	2.89	-
2437MHz	Pass	AV	2.441G	105.67	Inf	-Inf	3	Horizontal	285	2.89	-
2437MHz	Pass	AV	2.4835G	53.19	54.00	-0.81	3	Horizontal	285	2.89	-
2437MHz	Pass	PK	2.3898G	62.35	74.00	-11.65	3	Horizontal	285	2.89	-
2437MHz	Pass	PK	2.441G	116.75	Inf	-Inf	3	Horizontal	285	2.89	-
2437MHz	Pass	PK	2.4838G	63.65	74.00	-10.35	3	Horizontal	285	2.89	-
2437MHz	Pass	AV	4.87402G	37.88	54.00	-16.12	3	Vertical	271	3.00	-
2437MHz	Pass	AV	7.30955G	39.08	54.00	-14.92	3	Vertical	162	2.75	-
2437MHz	Pass	PK	4.87392G	48.10	74.00	-25.90	3	Vertical	271	3.00	-
2437MHz	Pass	PK	7.31184G	50.63	74.00	-23.37	3	Vertical	162	2.75	-
2437MHz	Pass	AV	4.87393G	35.00	54.00	-19.00	3	Horizontal	47	2.92	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	7.30961G	38.98	54.00	-15.02	3	Horizontal	360	2.08	-
2437MHz	Pass	PK	4.87443G	47.16	74.00	-26.84	3	Horizontal	47	2.92	-
2437MHz	Pass	PK	7.30963G	50.79	74.00	-23.21	3	Horizontal	360	2.08	-
2452MHz	Pass	AV	2.387G	45.38	54.00	-8.62	3	Vertical	23	2.75	-
2452MHz	Pass	AV	2.45G	97.00	Inf	-Inf	3	Vertical	23	2.75	-
2452MHz	Pass	AV	2.487G	48.34	54.00	-5.66	3	Vertical	23	2.75	-
2452MHz	Pass	PK	2.3754G	57.04	74.00	-16.96	3	Vertical	23	2.75	-
2452MHz	Pass	PK	2.45G	108.13	Inf	-Inf	3	Vertical	23	2.75	-
2452MHz	Pass	PK	2.4846G	59.86	74.00	-14.14	3	Vertical	23	2.75	-
2452MHz	Pass	AV	2.39G	46.43	54.00	-7.57	3	Horizontal	84	1.44	-
2452MHz	Pass	AV	2.451G	105.79	Inf	-Inf	3	Horizontal	84	1.44	-
2452MHz	Pass	AV	2.4904G	52.16	54.00	-1.84	3	Horizontal	84	1.44	-
2452MHz	Pass	PK	2.3898G	59.05	74.00	-14.95	3	Horizontal	84	1.44	-
2452MHz	Pass	PK	2.4508G	115.93	Inf	-Inf	3	Horizontal	84	1.44	-
2452MHz	Pass	PK	2.491G	64.45	74.00	-9.55	3	Horizontal	84	1.44	-
2452MHz	Pass	AV	4.9039G	36.50	54.00	-17.50	3	Vertical	35	2.53	-
2452MHz	Pass	AV	7.35542G	39.04	54.00	-14.96	3	Vertical	285	1.41	-
2452MHz	Pass	PK	4.90425G	47.60	74.00	-26.40	3	Vertical	35	2.53	-
2452MHz	Pass	PK	7.35466G	50.67	74.00	-23.33	3	Vertical	285	1.41	-
2452MHz	Pass	AV	4.90393G	35.98	54.00	-18.02	3	Horizontal	50	2.73	-
2452MHz	Pass	AV	7.3545G	39.00	54.00	-15.00	3	Horizontal	259	1.29	-
2452MHz	Pass	PK	4.90428G	48.28	74.00	-25.72	3	Horizontal	50	2.73	-
2452MHz	Pass	PK	7.35518G	50.62	74.00	-23.38	3	Horizontal	259	1.29	-

802.11b_Nss1,(1Mbps)_2TX

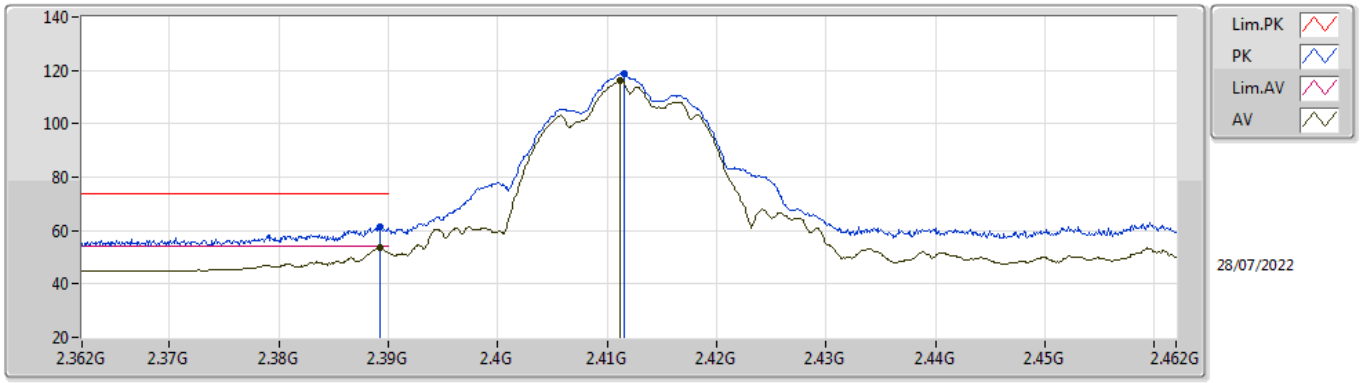
2412MHz_TX



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	47.39	54.00	-6.61	32.01	3	Vertical	30	2.87	-	15.38	27.44	4.57	-
AV	2.4111G	109.62	Inf	-Inf	32.10	3	Vertical	30	2.87	-	77.52	27.52	4.58	-
PK	2.3847G	58.33	74.00	-15.67	31.98	3	Vertical	30	2.87	-	26.35	27.41	4.57	-
PK	2.4111G	111.79	Inf	-Inf	32.10	3	Vertical	30	2.87	-	79.69	27.52	4.58	-

802.11b_Nss1,(1Mbps)_2TX

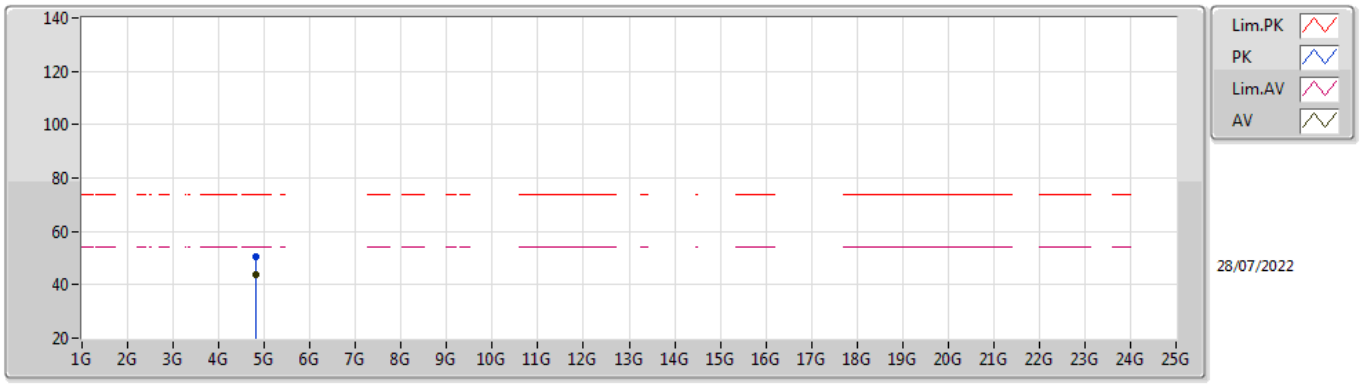
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	53.70	54.00	-0.30	32.01	3	Horizontal	272	1.01	-	21.69	27.44	4.57	-
AV	2.4112G	116.31	Inf	-Inf	32.10	3	Horizontal	272	1.01	-	84.21	27.52	4.58	-
PK	2.3893G	61.20	74.00	-12.80	32.01	3	Horizontal	272	1.01	-	29.19	27.44	4.57	-
PK	2.4115G	118.69	Inf	-Inf	32.10	3	Horizontal	272	1.01	-	86.59	27.52	4.58	-

802.11b_Nss1,(1Mbps)_2TX

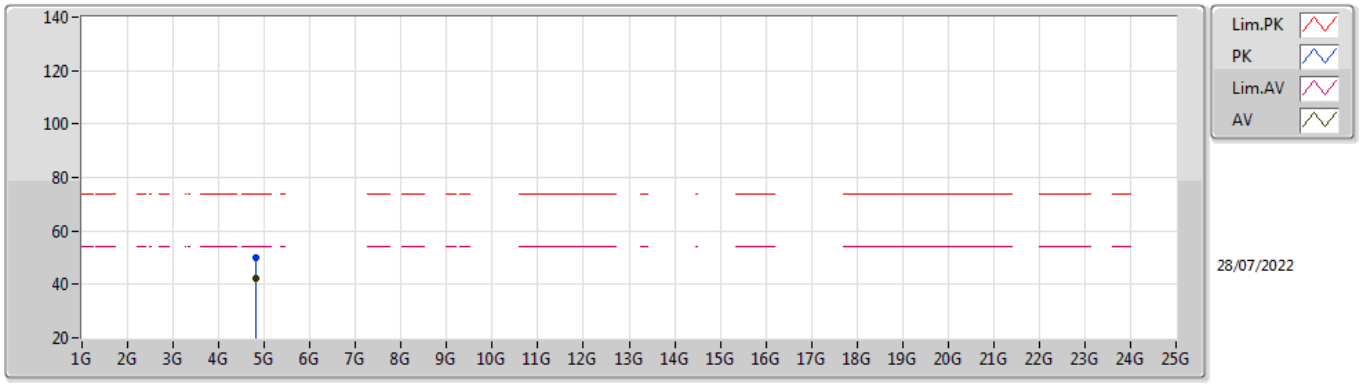
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	43.79	54.00	-10.21	4.47	3	Vertical	95	2.64	-	39.32	32.44	6.68	34.65
PK	4.82394G	50.53	74.00	-23.47	4.47	3	Vertical	95	2.64	-	46.06	32.44	6.68	34.65

802.11b_Nss1,(1Mbps)_2TX

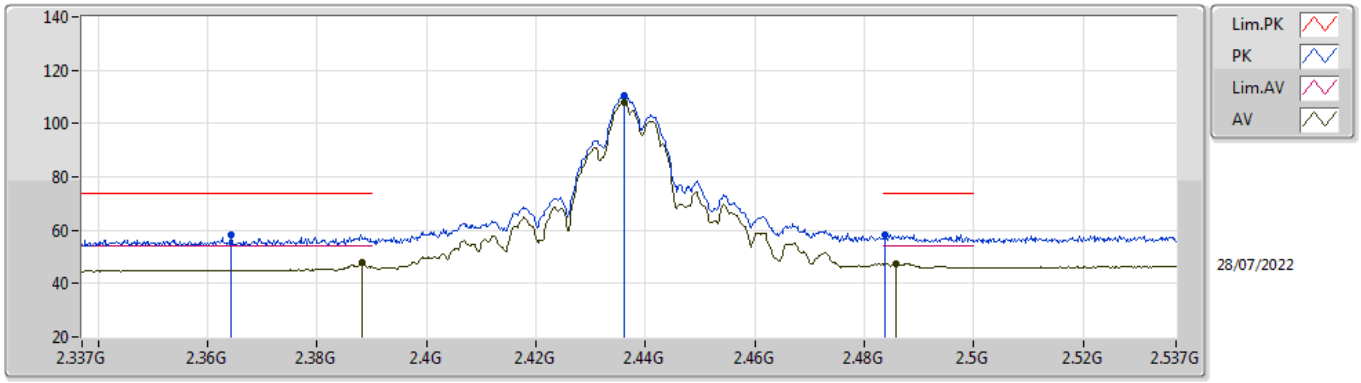
2412MHz_TX



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	4.82403G	42.07	54.00	-11.93	4.47	3	Horizontal	85	2.70	-	37.60	32.44	6.68	34.65
PK	4.82385G	49.96	74.00	-24.04	4.47	3	Horizontal	85	2.70	-	45.49	32.44	6.68	34.65

802.11b_Nss1,(1Mbps)_2TX

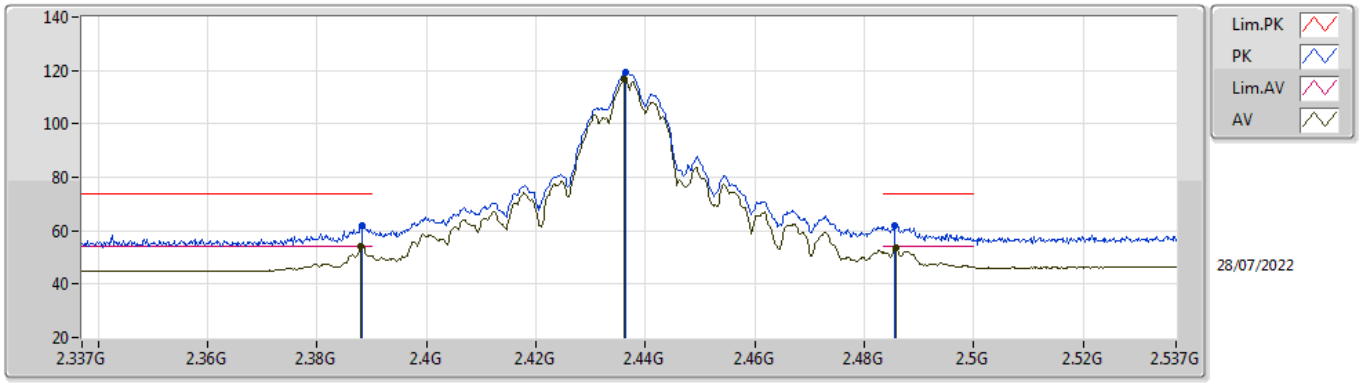
2437MHz_TX



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	2.3882G	48.02	54.00	-5.98	32.00	3	Vertical	29	2.99	-	16.02	27.43	4.57	-
AV	2.4362G	108.14	Inf	-Inf	32.16	3	Vertical	29	2.99	-	75.98	27.57	4.59	-
AV	2.4858G	47.66	54.00	-6.34	32.42	3	Vertical	29	2.99	-	15.24	27.81	4.61	-
PK	2.3642G	58.19	74.00	-15.81	31.84	3	Vertical	29	2.99	-	26.35	27.29	4.55	-
PK	2.4362G	110.32	Inf	-Inf	32.16	3	Vertical	29	2.99	-	78.16	27.57	4.59	-
PK	2.4838G	58.41	74.00	-15.59	32.41	3	Vertical	29	2.99	-	26.00	27.80	4.61	-

802.11b_Nss1,(1Mbps)_2TX

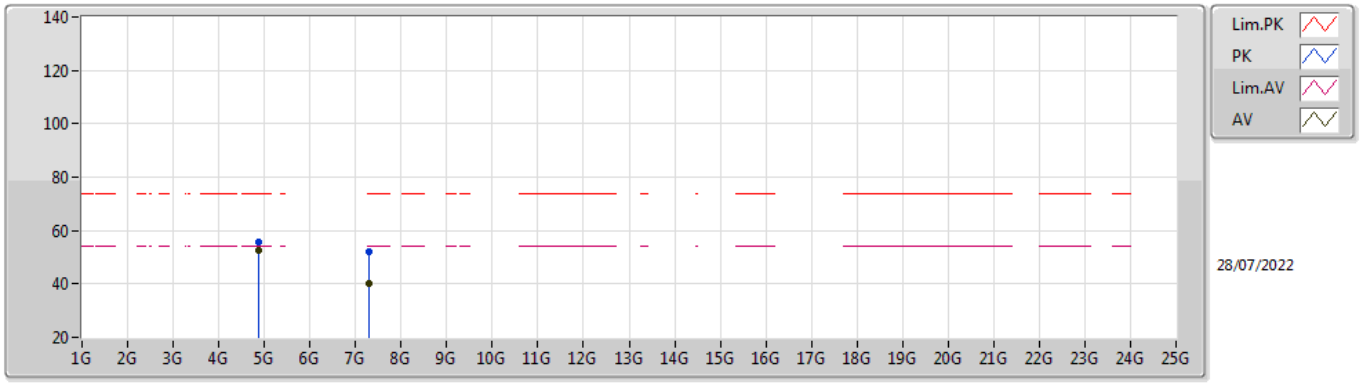
2437MHz_TX



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	2.388G	53.89	54.00	-0.11	32.00	3	Horizontal	283	1.13	-	21.89	27.43	4.57	-
AV	2.4362G	116.81	Inf	-Inf	32.16	3	Horizontal	283	1.13	-	84.65	27.57	4.59	-
AV	2.4858G	53.57	54.00	-0.43	32.42	3	Horizontal	283	1.13	-	21.15	27.81	4.61	-
PK	2.3882G	61.91	74.00	-12.09	32.00	3	Horizontal	283	1.13	-	29.91	27.43	4.57	-
PK	2.4364G	119.43	Inf	-Inf	32.16	3	Horizontal	283	1.13	-	87.27	27.57	4.59	-
PK	2.4856G	61.71	74.00	-12.29	32.42	3	Horizontal	283	1.13	-	29.29	27.81	4.61	-

802.11b_Nss1,(1Mbps)_2TX

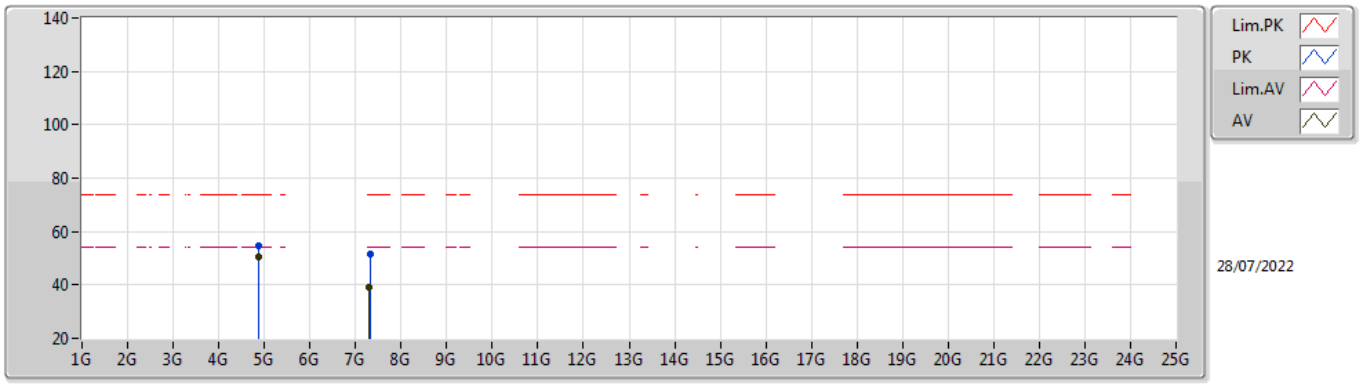
2437MHz_TX



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	4.87399G	52.60	54.00	-1.40	4.77	3	Vertical	90	3.00	-	47.83	32.70	6.72	34.65
AV	7.30943G	40.36	54.00	-13.64	9.82	3	Vertical	146	3.00	-	30.54	36.74	7.86	34.78
PK	4.87396G	55.82	74.00	-18.18	4.77	3	Vertical	90	3.00	-	51.05	32.70	6.72	34.65
PK	7.30961G	52.21	74.00	-21.79	9.82	3	Vertical	146	3.00	-	42.39	36.74	7.86	34.78

802.11b_Nss1,(1Mbps)_2TX

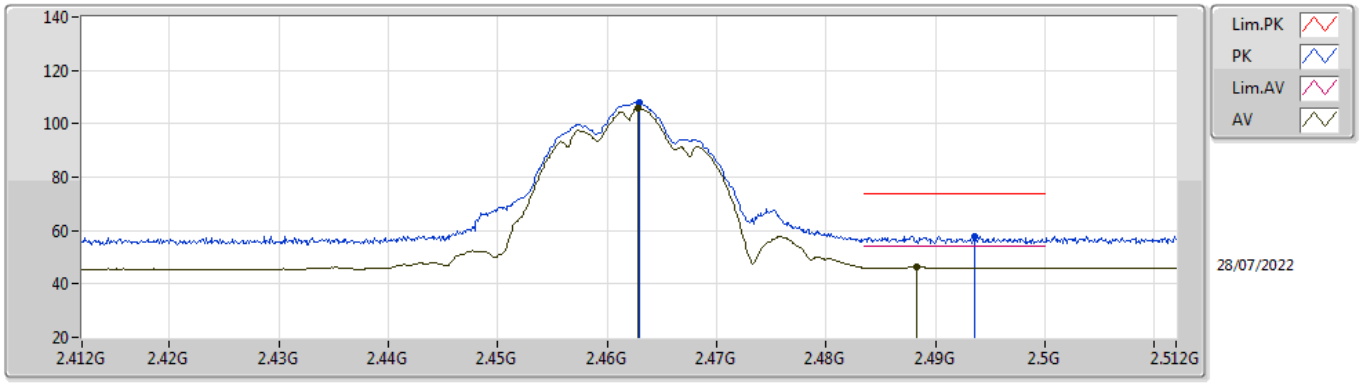
2437MHz_TX



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	4.87403G	50.31	54.00	-3.69	4.77	3	Horizontal	108	2.98	-	45.54	32.70	6.72	34.65
AV	7.30985G	39.35	54.00	-14.65	9.82	3	Horizontal	81	2.45	-	29.53	36.74	7.86	34.78
PK	4.87399G	54.65	74.00	-19.35	4.77	3	Horizontal	108	2.98	-	49.88	32.70	6.72	34.65
PK	7.31088G	51.48	74.00	-22.52	9.81	3	Horizontal	81	2.45	-	41.67	36.73	7.86	34.78

802.11b_Nss1,(1Mbps)_2TX

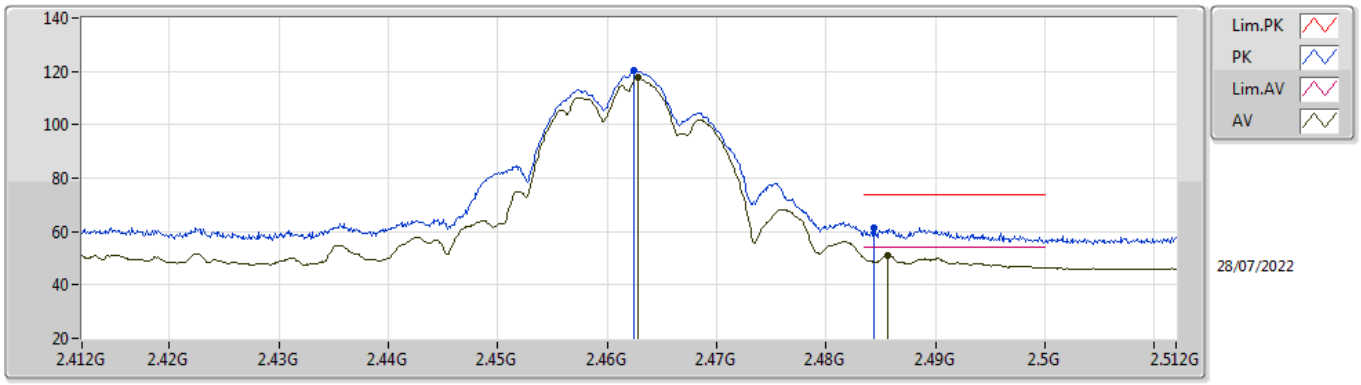
2462MHz_TX



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	105.93	Inf	-Inf	32.29	3	Vertical	202	3.00	-	73.64	27.68	4.61	-
AV	2.4883G	46.34	54.00	-7.66	32.45	3	Vertical	202	3.00	-	13.89	27.83	4.62	-
PK	2.4629G	108.17	Inf	-Inf	32.29	3	Vertical	202	3.00	-	75.88	27.68	4.61	-
PK	2.4936G	57.93	74.00	-16.07	32.48	3	Vertical	202	3.00	-	25.45	27.86	4.62	-

802.11b_Nss1,(1Mbps)_2TX

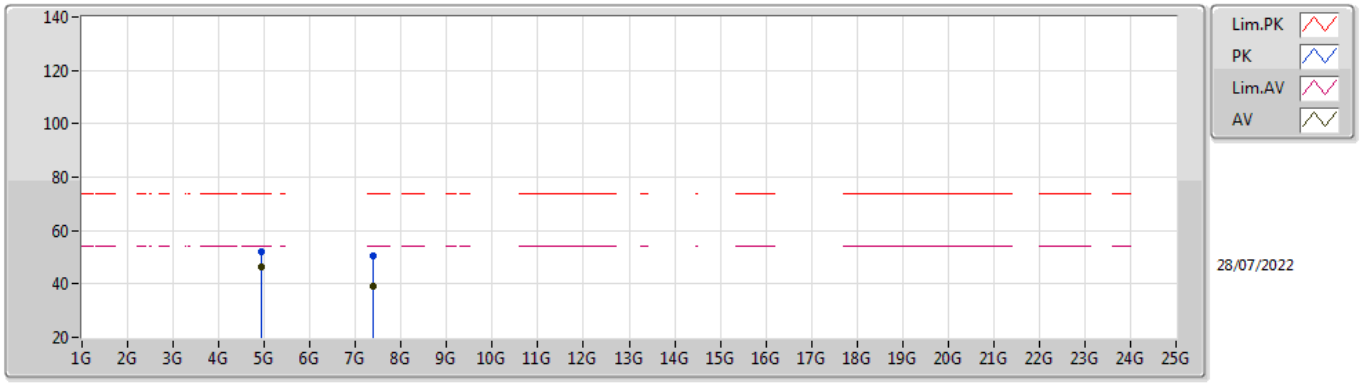
2462MHz_TX



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	117.58	Inf	-Inf	32.29	3	Horizontal	86	1.16	-	85.29	27.68	4.61	-
AV	2.4857G	51.28	54.00	-2.72	32.42	3	Horizontal	86	1.16	-	18.86	27.81	4.61	-
PK	2.4625G	120.16	Inf	-Inf	32.29	3	Horizontal	86	1.16	-	87.87	27.68	4.61	-
PK	2.4844G	61.54	74.00	-12.46	32.42	3	Horizontal	86	1.16	-	29.12	27.81	4.61	-

802.11b_Nss1,(1Mbps)_2TX

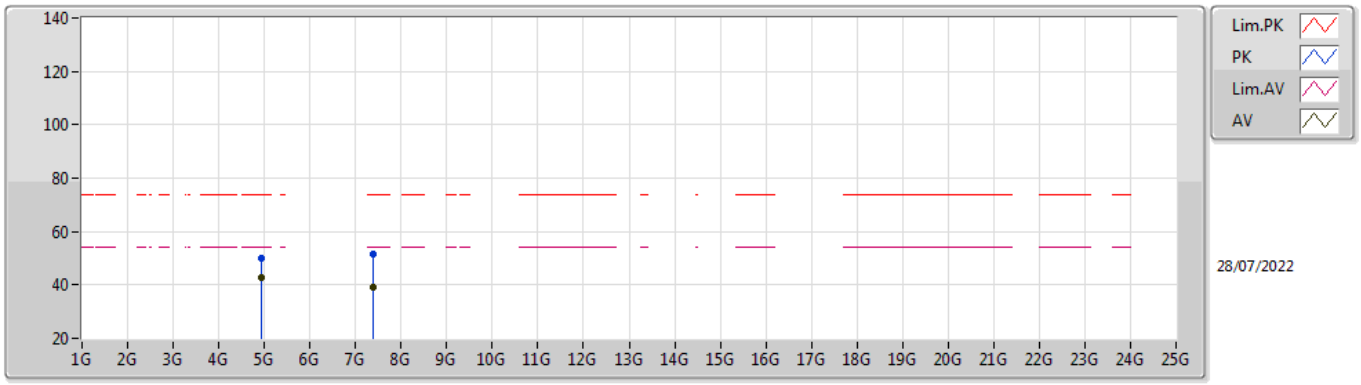
2462MHz_TX



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	4.92401G	46.51	54.00	-7.49	5.00	3	Vertical	92	2.98	-	41.51	32.90	6.75	34.65
AV	7.38626G	38.93	54.00	-15.07	9.51	3	Vertical	220	2.63	-	29.42	36.35	7.95	34.79
PK	4.92412G	52.01	74.00	-21.99	5.00	3	Vertical	92	2.98	-	47.01	32.90	6.75	34.65
PK	7.38632G	50.75	74.00	-23.25	9.51	3	Vertical	220	2.63	-	41.24	36.35	7.95	34.79

802.11b_Nss1,(1Mbps)_2TX

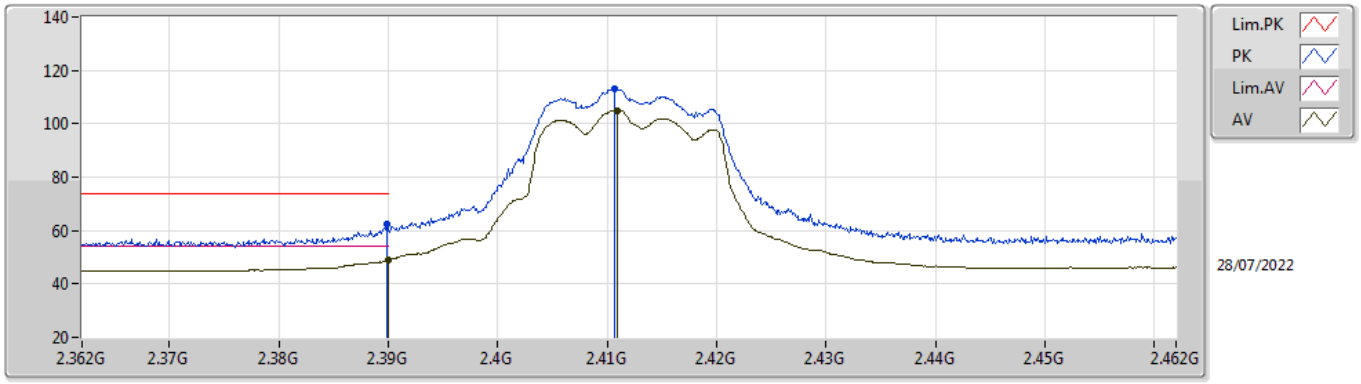
2462MHz_TX



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	4.92398G	42.83	54.00	-11.17	5.00	3	Horizontal	52	3.00	-	37.83	32.90	6.75	34.65
AV	7.38559G	39.00	54.00	-15.00	9.52	3	Horizontal	0	2.26	-	29.48	36.36	7.95	34.79
PK	4.92411G	50.17	74.00	-23.83	5.00	3	Horizontal	52	3.00	-	45.17	32.90	6.75	34.65
PK	7.38644G	51.41	74.00	-22.59	9.51	3	Horizontal	0	2.26	-	41.90	36.35	7.95	34.79

802.11g_Nss1,(6Mbps)_2TX

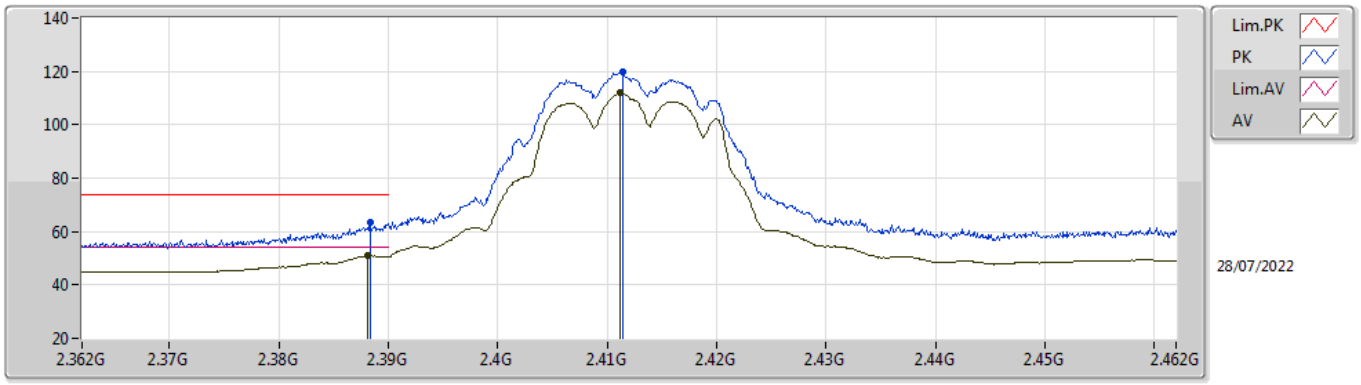
2412MHz_TX



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	48.84	54.00	-5.16	32.01	3	Vertical	28	2.88	-	16.83	27.44	4.57	-
AV	2.4109G	105.05	Inf	-Inf	32.10	3	Vertical	28	2.88	-	72.95	27.52	4.58	-
PK	2.3899G	62.48	74.00	-11.52	32.01	3	Vertical	28	2.88	-	30.47	27.44	4.57	-
PK	2.4107G	113.02	Inf	-Inf	32.10	3	Vertical	28	2.88	-	80.92	27.52	4.58	-

802.11g_Nss1,(6Mbps)_2TX

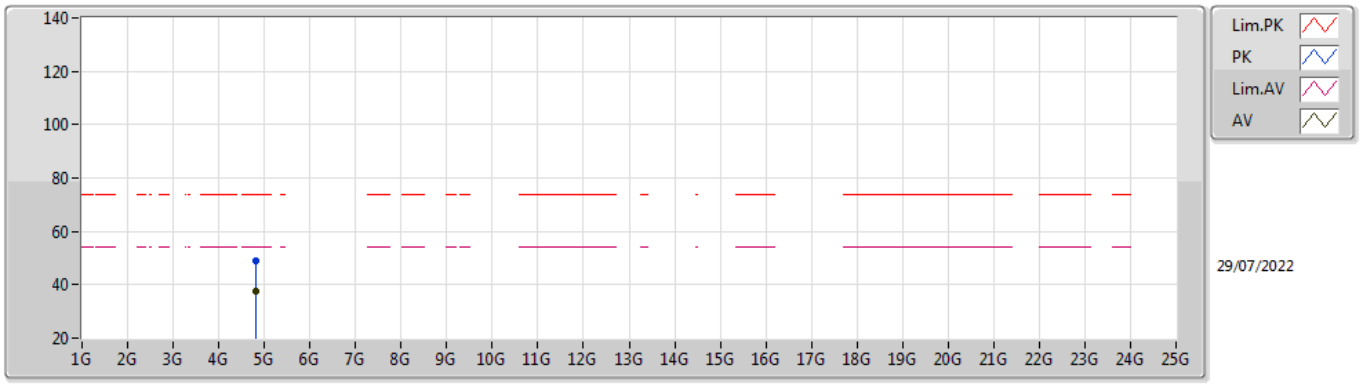
2412MHz_TX



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	2.3881G	50.97	54.00	-3.03	32.00	3	Horizontal	90	1.49	-	18.97	27.43	4.57	-
AV	2.4112G	111.86	Inf	-Inf	32.10	3	Horizontal	90	1.49	-	79.76	27.52	4.58	-
PK	2.3883G	63.35	74.00	-10.65	32.00	3	Horizontal	90	1.49	-	31.35	27.43	4.57	-
PK	2.4114G	119.62	Inf	-Inf	32.10	3	Horizontal	90	1.49	-	87.52	27.52	4.58	-

802.11g_Nss1,(6Mbps)_2TX

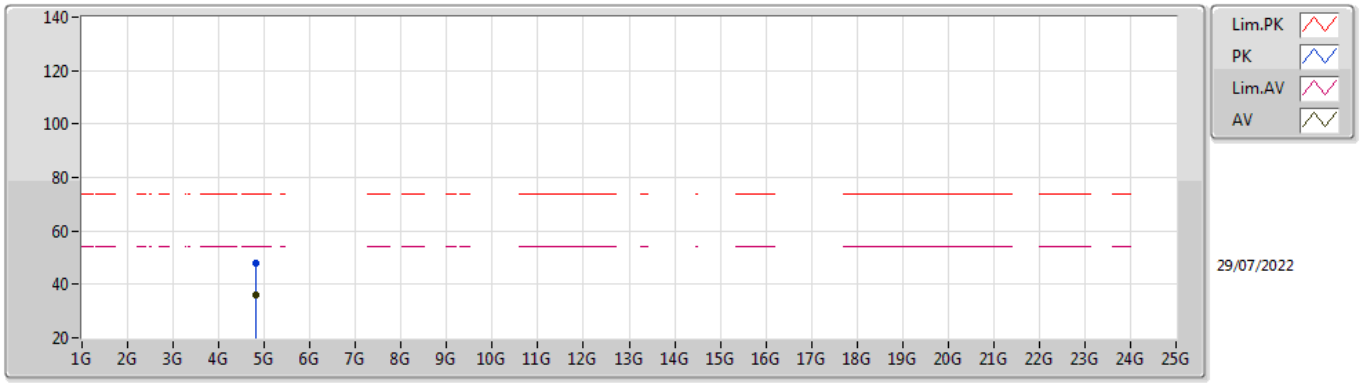
2412MHz_TX



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	4.82396G	37.46	54.00	-16.54	4.47	3	Vertical	98	3.00	-	32.99	32.44	6.68	34.65
PK	4.82394G	48.97	74.00	-25.03	4.47	3	Vertical	98	3.00	-	44.50	32.44	6.68	34.65

802.11g_Nss1,(6Mbps)_2TX

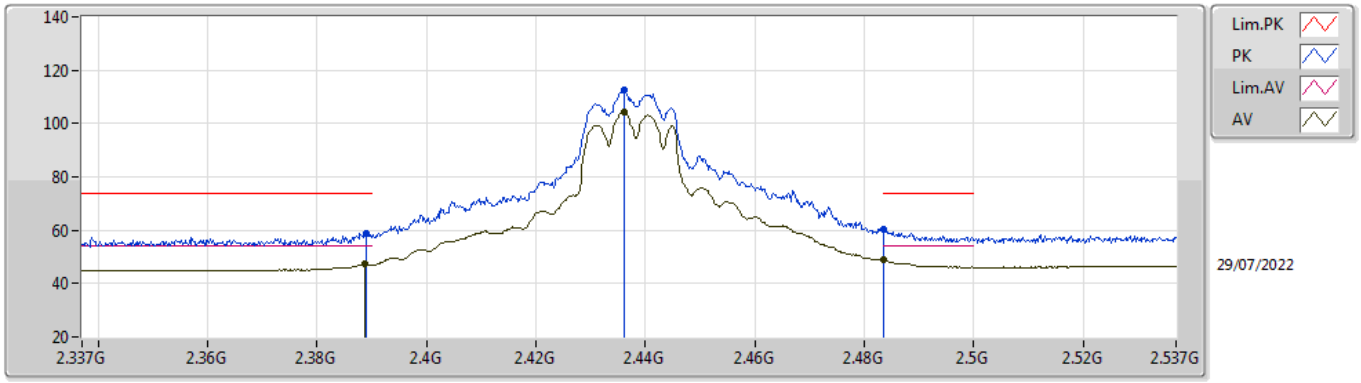
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	36.05	54.00	-17.95	4.47	3	Horizontal	113	2.94	-	31.58	32.44	6.68	34.65
PK	4.82416G	47.69	74.00	-26.31	4.47	3	Horizontal	113	2.94	-	43.22	32.44	6.68	34.65

802.11g_Nss1,(6Mbps)_2TX

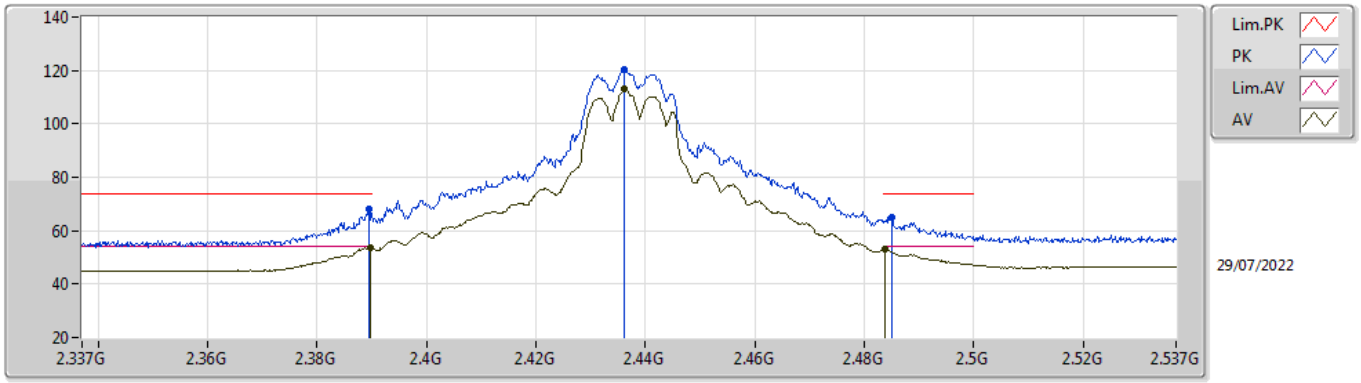
2437MHz_TX



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	2.3886G	47.16	54.00	-6.84	32.00	3	Vertical	19	2.73	-	15.16	27.43	4.57	-
AV	2.436G	104.37	Inf	-Inf	32.16	3	Vertical	19	2.73	-	72.21	27.57	4.59	-
AV	2.4835G	49.07	54.00	-4.93	32.41	3	Vertical	19	2.73	-	16.66	27.80	4.61	-
PK	2.389G	58.94	74.00	-15.06	32.00	3	Vertical	19	2.73	-	26.94	27.43	4.57	-
PK	2.4362G	112.35	Inf	-Inf	32.16	3	Vertical	19	2.73	-	80.19	27.57	4.59	-
PK	2.4835G	60.28	74.00	-13.72	32.41	3	Vertical	19	2.73	-	27.87	27.80	4.61	-

802.11g_Nss1,(6Mbps)_2TX

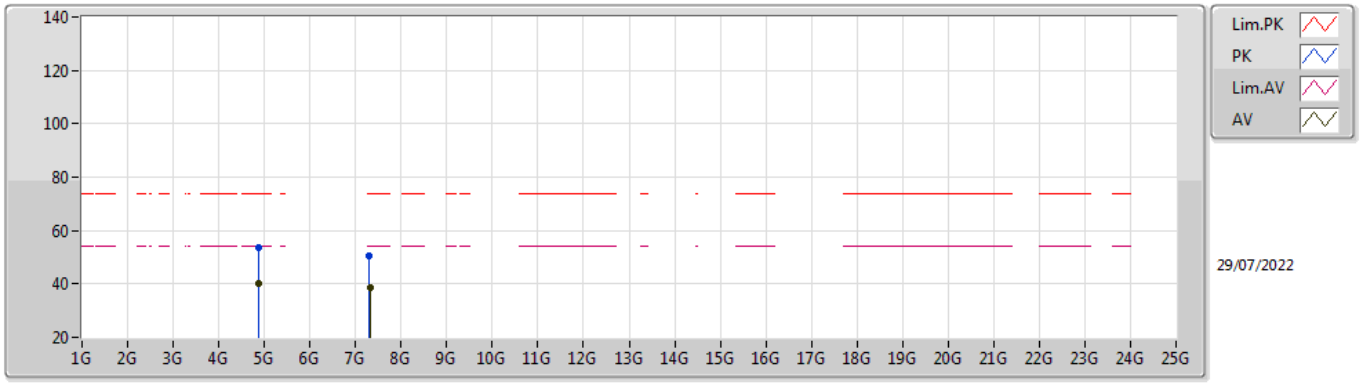
2437MHz_TX



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	53.84	54.00	-0.16	32.01	3	Horizontal	80	1.00	-	21.83	27.44	4.57	-
AV	2.4362G	112.87	Inf	-Inf	32.16	3	Horizontal	80	1.00	-	80.71	27.57	4.59	-
AV	2.4838G	53.04	54.00	-0.96	32.41	3	Horizontal	80	1.00	-	20.63	27.80	4.61	-
PK	2.3894G	67.89	74.00	-6.11	32.01	3	Horizontal	80	1.00	-	35.88	27.44	4.57	-
PK	2.4362G	120.35	Inf	-Inf	32.16	3	Horizontal	80	1.00	-	88.19	27.57	4.59	-
PK	2.485G	65.11	74.00	-8.89	32.42	3	Horizontal	80	1.00	-	32.69	27.81	4.61	-

802.11g_Nss1,(6Mbps)_2TX

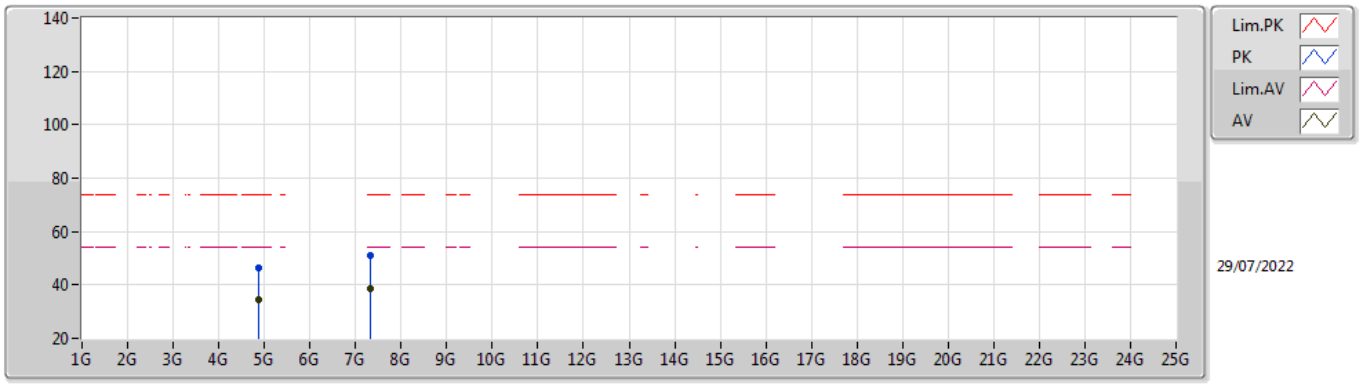
2437MHz_TX



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	4.87399G	40.27	54.00	-13.73	4.77	3	Vertical	96	3.00	-	35.50	32.70	6.72	34.65
AV	7.31096G	38.69	54.00	-15.31	9.81	3	Vertical	128	2.35	-	28.88	36.73	7.86	34.78
PK	4.87449G	53.75	74.00	-20.25	4.77	3	Vertical	96	3.00	-	48.98	32.70	6.72	34.65
PK	7.31014G	50.41	74.00	-23.59	9.82	3	Vertical	128	2.35	-	40.59	36.74	7.86	34.78

802.11g_Nss1,(6Mbps)_2TX

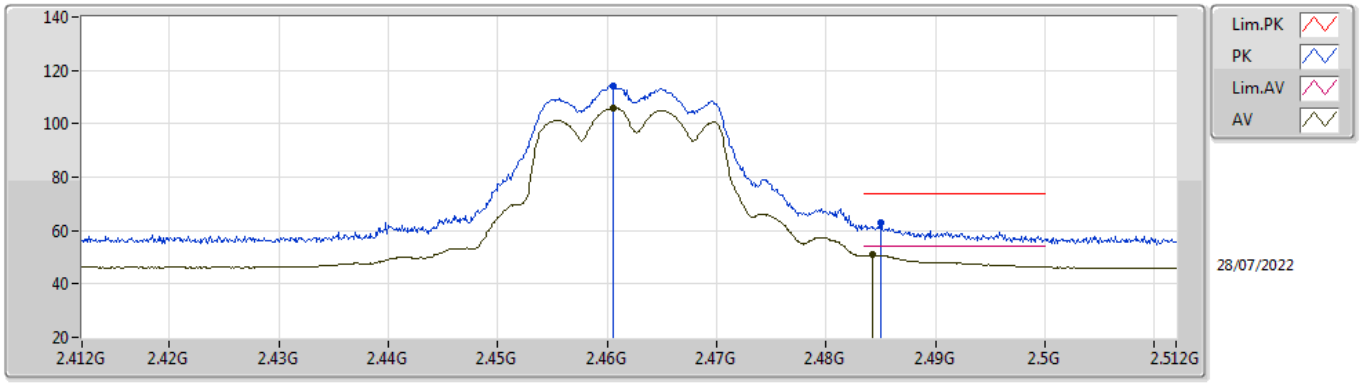
2437MHz_TX



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	4.87376G	34.54	54.00	-19.46	4.77	3	Horizontal	194	1.50	-	29.77	32.70	6.72	34.65
AV	7.31059G	38.80	54.00	-15.20	9.82	3	Horizontal	335	2.18	-	28.98	36.74	7.86	34.78
PK	4.87324G	46.40	74.00	-27.60	4.75	3	Horizontal	194	1.50	-	41.65	32.69	6.71	34.65
PK	7.31098G	50.87	74.00	-23.13	9.81	3	Horizontal	335	2.18	-	41.06	36.73	7.86	34.78

802.11g_Nss1,(6Mbps)_2TX

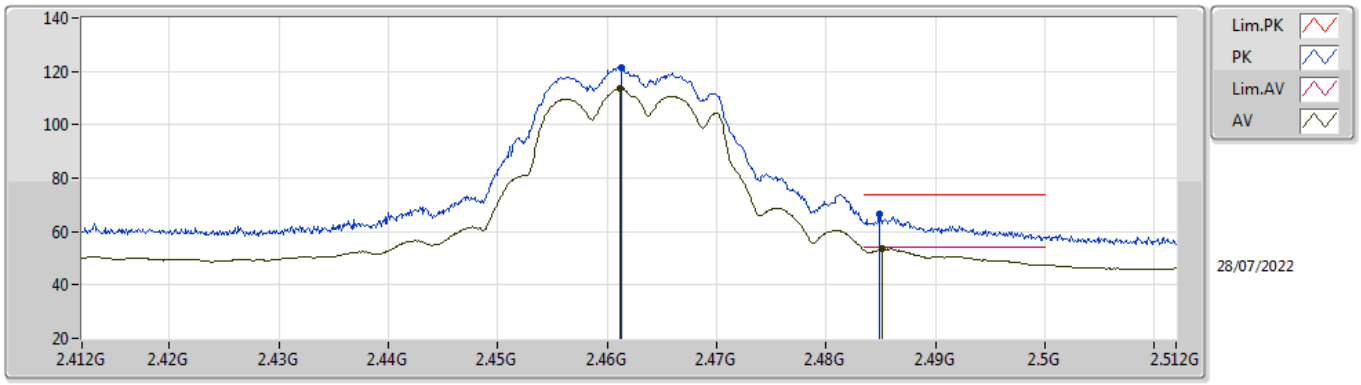
2462MHz_TX



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	2.4606G	105.83	Inf	-Inf	32.26	3	Vertical	30	3.00	-	73.57	27.66	4.60	-
AV	2.4842G	50.92	54.00	-3.08	32.42	3	Vertical	30	3.00	-	18.50	27.81	4.61	-
PK	2.4606G	113.90	Inf	-Inf	32.26	3	Vertical	30	3.00	-	81.64	27.66	4.60	-
PK	2.485G	63.18	74.00	-10.82	32.42	3	Vertical	30	3.00	-	30.76	27.81	4.61	-

802.11g_Nss1,(6Mbps)_2TX

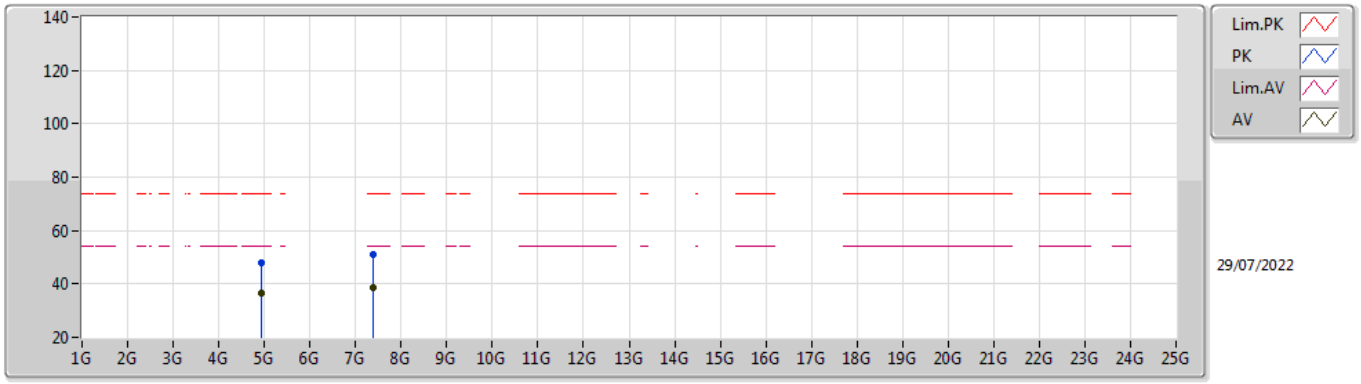
2462MHz_TX



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	2.4612G	113.62	Inf	-Inf	32.27	3	Horizontal	91	1.47	-	81.35	27.67	4.60	-
AV	2.4851G	53.52	54.00	-0.48	32.42	3	Horizontal	91	1.47	-	21.10	27.81	4.61	-
PK	2.4613G	121.28	Inf	-Inf	32.27	3	Horizontal	91	1.47	-	89.01	27.67	4.60	-
PK	2.4849G	66.73	74.00	-7.27	32.42	3	Horizontal	91	1.47	-	34.31	27.81	4.61	-

802.11g_Nss1,(6Mbps)_2TX

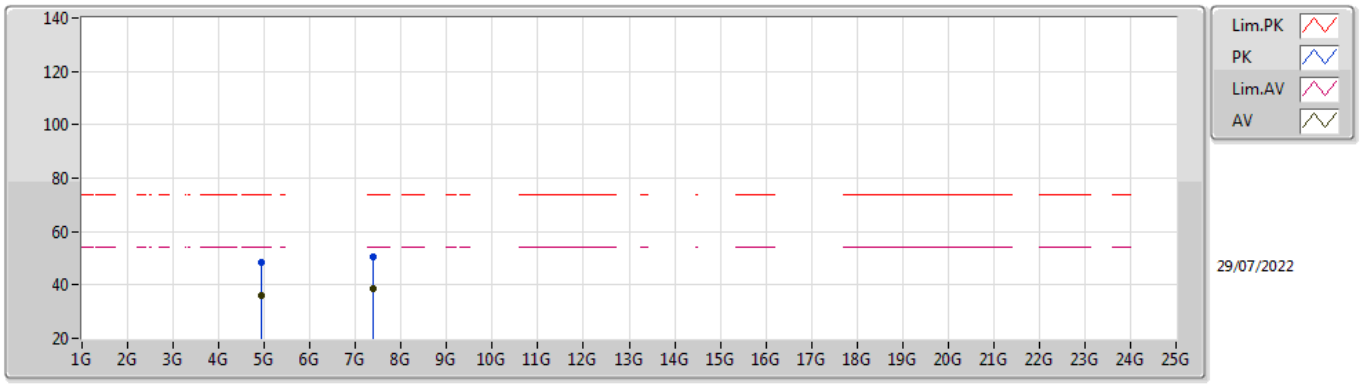
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	36.51	54.00	-17.49	5.00	3	Vertical	140	2.81	-	31.51	32.90	6.75	34.65
AV	7.38536G	38.77	54.00	-15.23	9.52	3	Vertical	33	2.61	-	29.25	36.36	7.95	34.79
PK	4.924G	47.96	74.00	-26.04	5.00	3	Vertical	140	2.81	-	42.96	32.90	6.75	34.65
PK	7.38542G	50.83	74.00	-23.17	9.52	3	Vertical	33	2.61	-	41.31	36.36	7.95	34.79

802.11g_Nss1,(6Mbps)_2TX

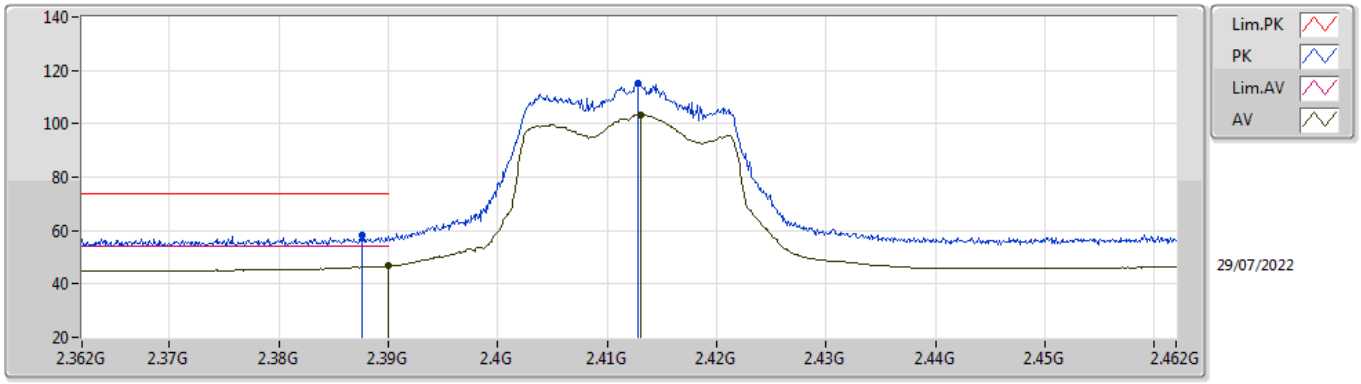
2462MHz_TX



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	4.92405G	36.12	54.00	-17.88	5.00	3	Horizontal	50	2.70	-	31.12	32.90	6.75	34.65
AV	7.3869G	38.84	54.00	-15.16	9.51	3	Horizontal	137	1.45	-	29.33	36.35	7.95	34.79
PK	4.9237G	48.21	74.00	-25.79	4.99	3	Horizontal	50	2.70	-	43.22	32.89	6.75	34.65
PK	7.38616G	50.75	74.00	-23.25	9.52	3	Horizontal	137	1.45	-	41.23	36.36	7.95	34.79

802.11ax HEW20_Nss1,(MCS0)_2TX

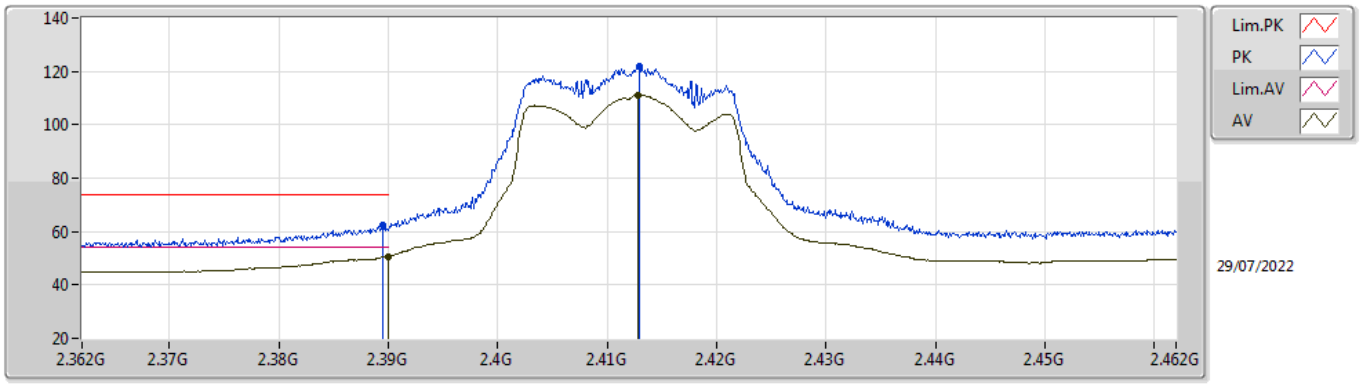
2412MHz_TX



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	46.67	54.00	-7.33	32.01	3	Vertical	32	2.89	-	14.66	27.44	4.57	-
AV	2.4131G	103.23	Inf	-Inf	32.12	3	Vertical	32	2.89	-	71.11	27.53	4.59	-
PK	2.3876G	58.33	74.00	-15.67	32.00	3	Vertical	32	2.89	-	26.33	27.43	4.57	-
PK	2.4128G	115.08	Inf	-Inf	32.12	3	Vertical	32	2.89	-	82.96	27.53	4.59	-

802.11ax HEW20_Nss1,(MCS0)_2TX

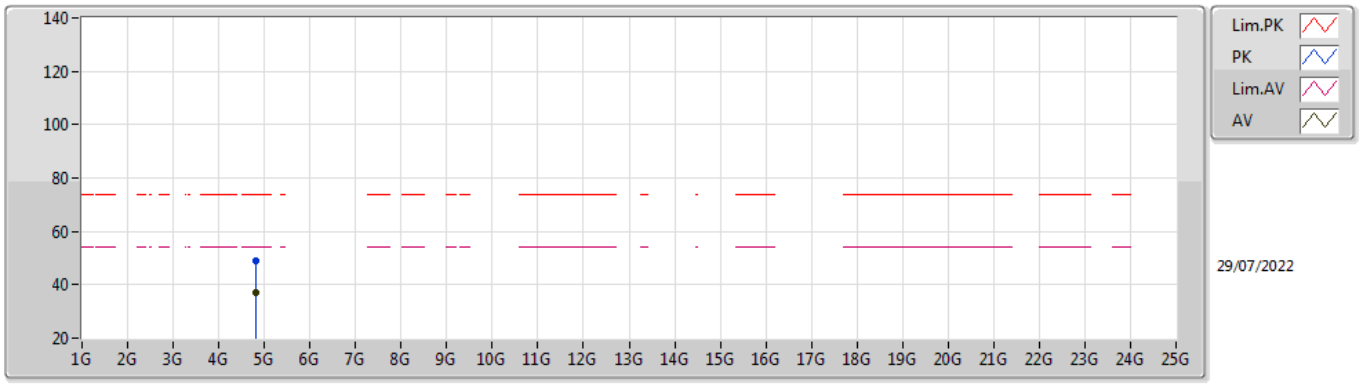
2412MHz_TX



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	50.69	54.00	-3.31	32.01	3	Horizontal	272	1.07	-	18.68	27.44	4.57	-
AV	2.4128G	111.10	Inf	-Inf	32.12	3	Horizontal	272	1.07	-	78.98	27.53	4.59	-
PK	2.3895G	62.38	74.00	-11.62	32.01	3	Horizontal	272	1.07	-	30.37	27.44	4.57	-
PK	2.4129G	121.98	Inf	-Inf	32.12	3	Horizontal	272	1.07	-	89.86	27.53	4.59	-

802.11ax HEW20_Nss1,(MCS0)_2TX

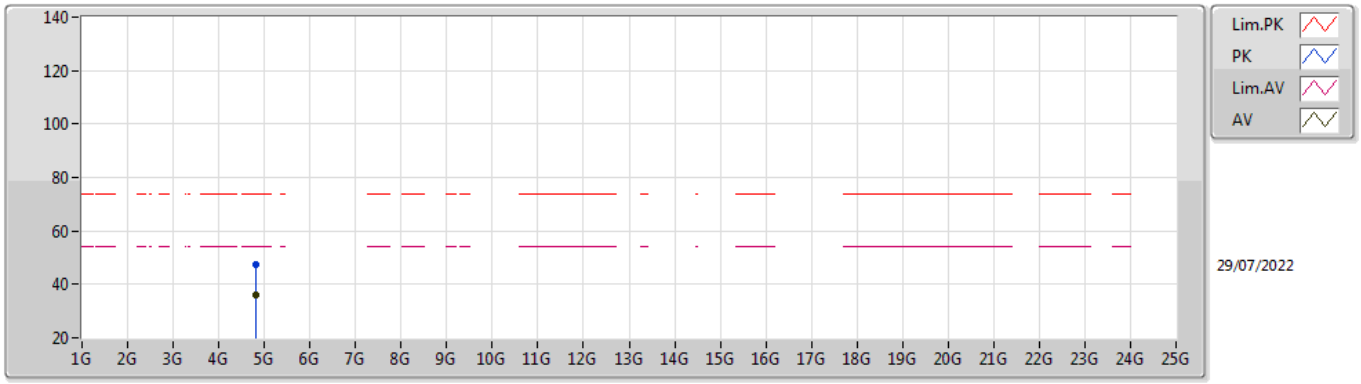
2412MHz_TX



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	4.82403G	37.25	54.00	-16.75	4.47	3	Vertical	101	2.93	-	32.78	32.44	6.68	34.65
PK	4.82392G	49.04	74.00	-24.96	4.47	3	Vertical	101	2.93	-	44.57	32.44	6.68	34.65

802.11ax HEW20_Nss1,(MCS0)_2TX

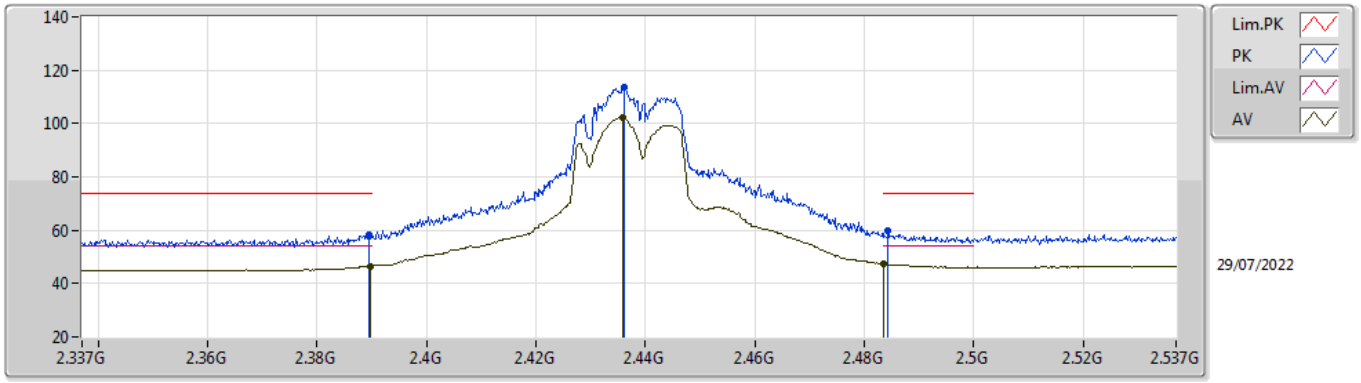
2412MHz_TX



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	4.824G	35.99	54.00	-18.01	4.47	3	Horizontal	113	2.63	-	31.52	32.44	6.68	34.65
PK	4.82362G	47.66	74.00	-26.34	4.47	3	Horizontal	113	2.63	-	43.19	32.44	6.68	34.65

802.11ax HEW20_Nss1,(MCS0)_2TX

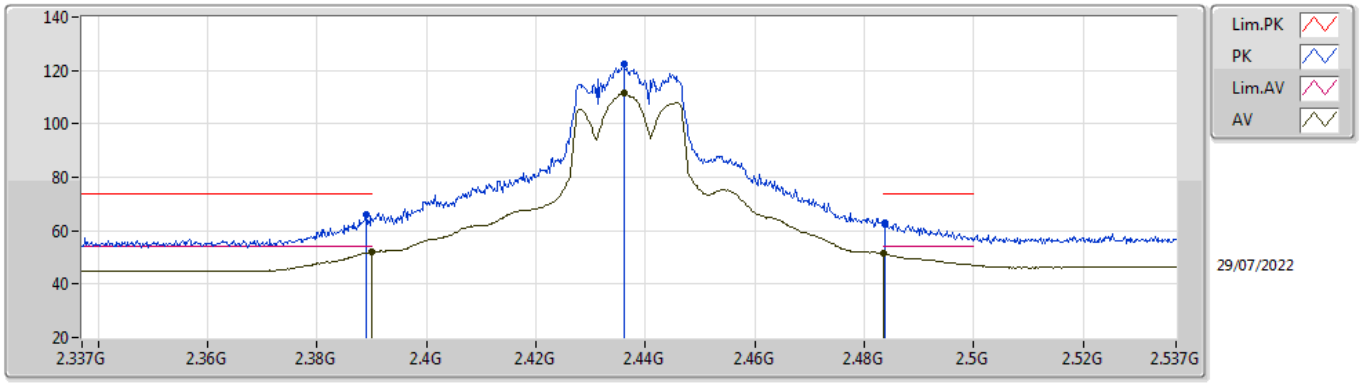
2437MHz_TX



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	46.61	54.00	-7.39	32.01	3	Vertical	18	2.72	-	14.60	27.44	4.57	-
AV	2.4358G	102.45	Inf	-Inf	32.16	3	Vertical	18	2.72	-	70.29	27.57	4.59	-
AV	2.4835G	47.44	54.00	-6.56	32.41	3	Vertical	18	2.72	-	15.03	27.80	4.61	-
PK	2.3894G	58.47	74.00	-15.53	32.01	3	Vertical	18	2.72	-	26.46	27.44	4.57	-
PK	2.4362G	113.74	Inf	-Inf	32.16	3	Vertical	18	2.72	-	81.58	27.57	4.59	-
PK	2.4844G	59.99	74.00	-14.01	32.42	3	Vertical	18	2.72	-	27.57	27.81	4.61	-

802.11ax HEW20_Nss1,(MCS0)_2TX

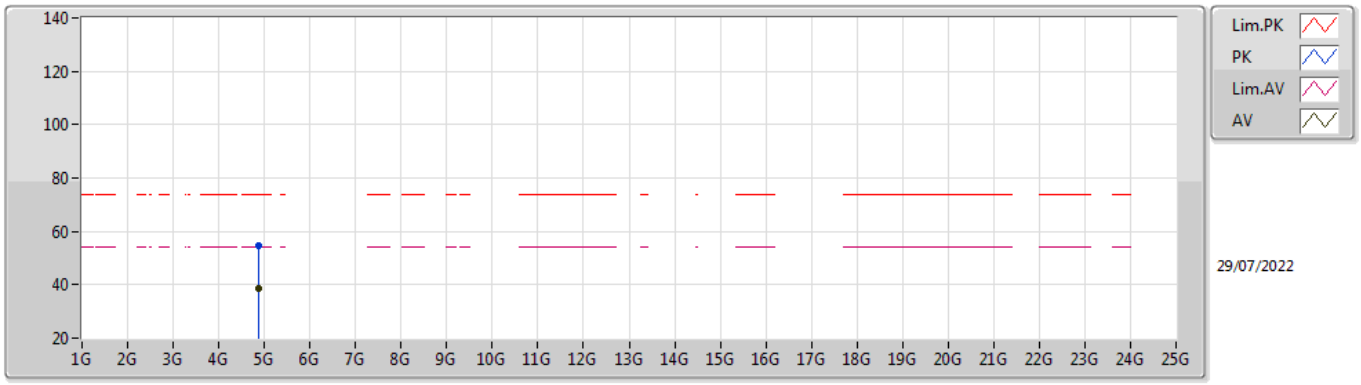
2437MHz_TX



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	2.39G	51.88	54.00	-2.12	32.01	3	Horizontal	80	1.00	-	19.87	27.44	4.57	-
AV	2.436G	111.41	Inf	-Inf	32.16	3	Horizontal	80	1.00	-	79.25	27.57	4.59	-
AV	2.4835G	51.34	54.00	-2.66	32.41	3	Horizontal	80	1.00	-	18.93	27.80	4.61	-
PK	2.389G	66.14	74.00	-7.86	32.00	3	Horizontal	80	1.00	-	34.14	27.43	4.57	-
PK	2.436G	122.20	Inf	-Inf	32.16	3	Horizontal	80	1.00	-	90.04	27.57	4.59	-
PK	2.4838G	62.77	74.00	-11.23	32.41	3	Horizontal	80	1.00	-	30.36	27.80	4.61	-

802.11ax HEW20_Nss1,(MCS0)_2TX

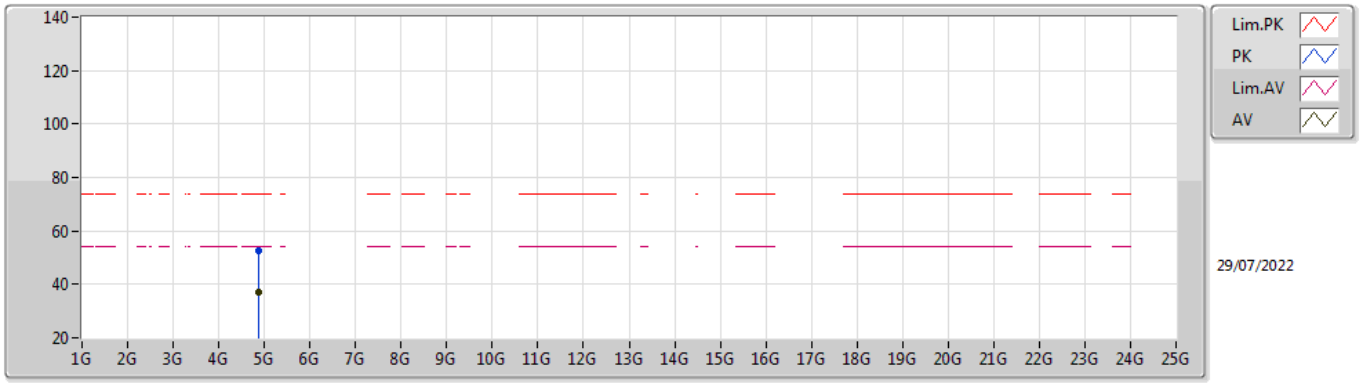
2437MHz_TX



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	4.87398G	38.75	54.00	-15.25	4.77	3	Vertical	96	3.00	-	33.98	32.70	6.72	34.65
PK	4.87443G	54.73	74.00	-19.27	4.77	3	Vertical	96	3.00	-	49.96	32.70	6.72	34.65

802.11ax HEW20_Nss1,(MCS0)_2TX

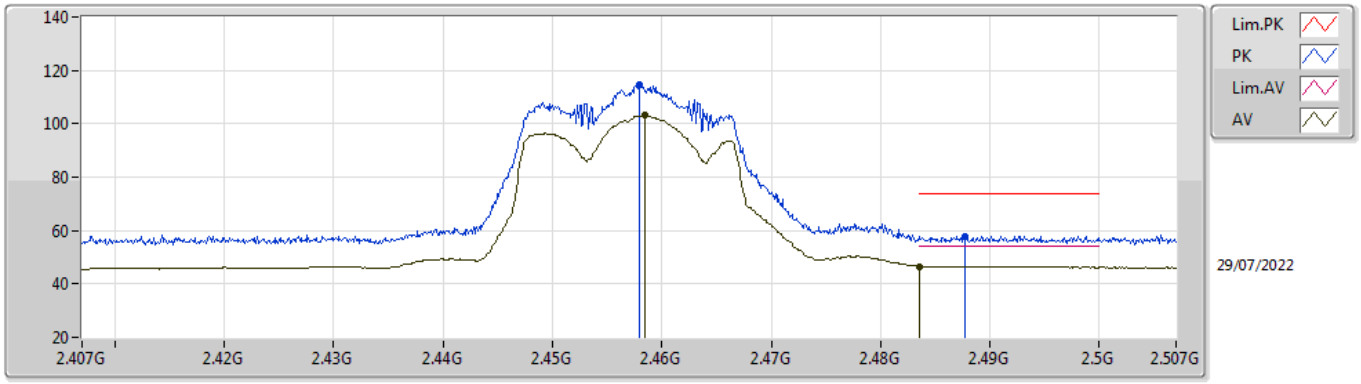
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87396G	37.03	54.00	-16.97	4.77	3	Horizontal	111	2.97	-	32.26	32.70	6.72	34.65
PK	4.87444G	52.53	74.00	-21.47	4.77	3	Horizontal	111	2.97	-	47.76	32.70	6.72	34.65

802.11ax HEW20_Nss1,(MCS0)_2TX

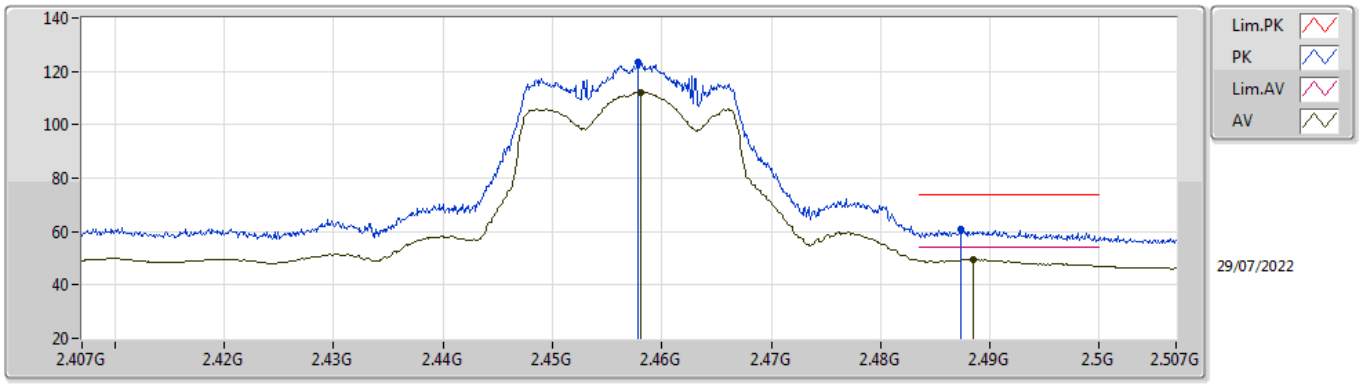
2457MHz_TX



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	2.4584G	103.06	Inf	-Inf	32.25	3	Vertical	29	2.66	-	70.81	27.65	4.60	-
AV	2.4835G	46.63	54.00	-7.37	32.41	3	Vertical	29	2.66	-	14.22	27.80	4.61	-
PK	2.4579G	114.55	Inf	-Inf	32.25	3	Vertical	29	2.66	-	82.30	27.65	4.60	-
PK	2.4877G	57.95	74.00	-16.05	32.45	3	Vertical	29	2.66	-	25.50	27.83	4.62	-

802.11ax HEW20_Nss1,(MCS0)_2TX

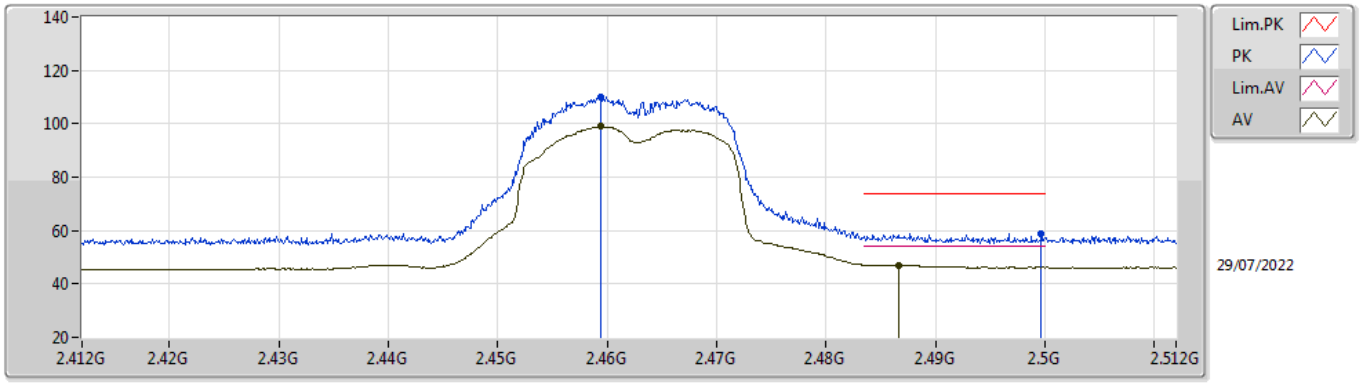
2457MHz_TX



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	2.4581G	112.24	Inf	-Inf	32.25	3	Horizontal	278	1.00	-	79.99	27.65	4.60	-
AV	2.4885G	49.57	54.00	-4.43	32.45	3	Horizontal	278	1.00	-	17.12	27.83	4.62	-
PK	2.4578G	123.35	Inf	-Inf	32.25	3	Horizontal	278	1.00	-	91.10	27.65	4.60	-
PK	2.4873G	60.79	74.00	-13.21	32.43	3	Horizontal	278	1.00	-	28.36	27.82	4.61	-

802.11ax HEW20_Nss1,(MCS0)_2TX

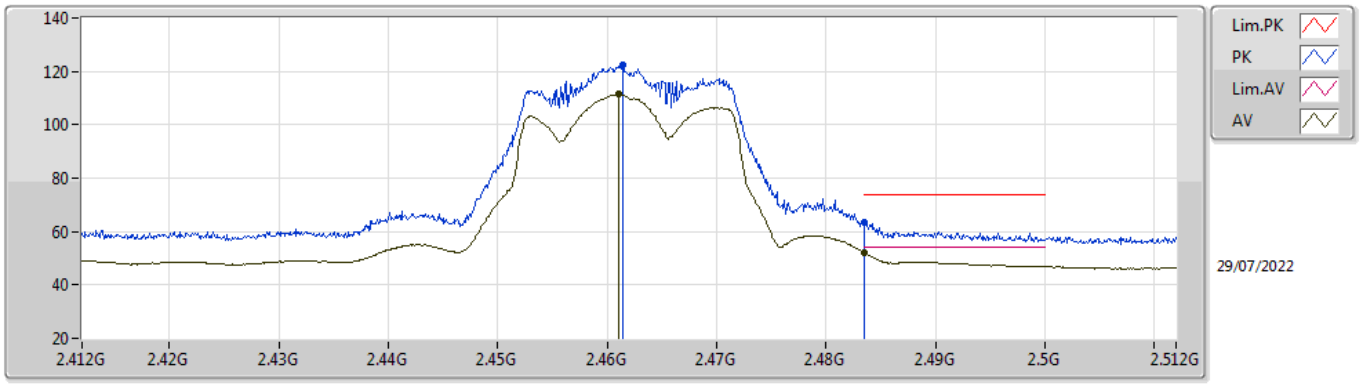
2462MHz_TX



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	2.4594G	98.89	Inf	-Inf	32.26	3	Vertical	30	2.36	-	66.63	27.66	4.60	-
AV	2.4866G	47.05	54.00	-6.95	32.43	3	Vertical	30	2.36	-	14.62	27.82	4.61	-
PK	2.4594G	109.95	Inf	-Inf	32.26	3	Vertical	30	2.36	-	77.69	27.66	4.60	-
PK	2.4997G	58.76	74.00	-15.24	32.52	3	Vertical	30	2.36	-	26.24	27.90	4.62	-

802.11ax HEW20_Nss1,(MCS0)_2TX

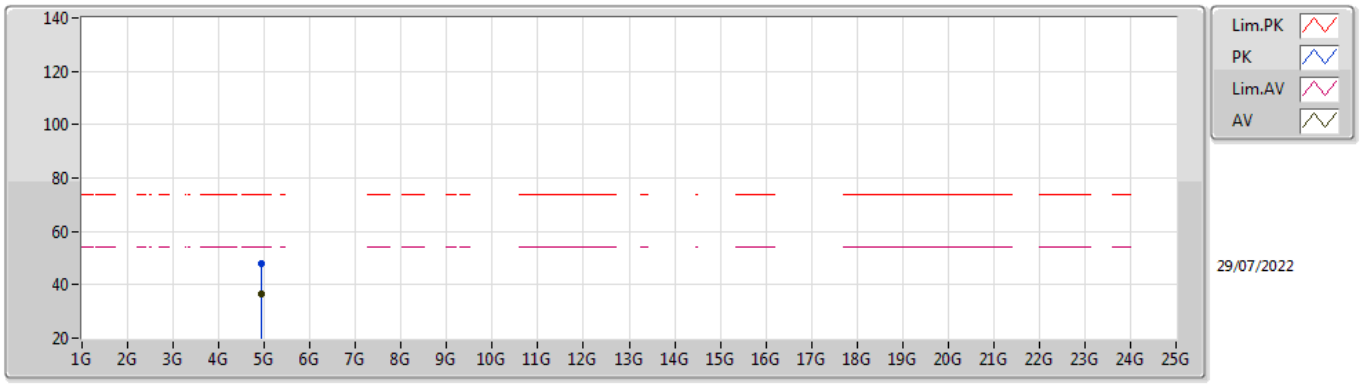
2462MHz_TX



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	111.36	Inf	-Inf	32.27	3	Horizontal	92	1.29	-	79.09	27.67	4.60	-
AV	2.4835G	51.91	54.00	-2.09	32.41	3	Horizontal	92	1.29	-	19.50	27.80	4.61	-
PK	2.4614G	122.32	Inf	-Inf	32.27	3	Horizontal	92	1.29	-	90.05	27.67	4.60	-
PK	2.4835G	63.42	74.00	-10.58	32.41	3	Horizontal	92	1.29	-	31.01	27.80	4.61	-

802.11ax HEW20_Nss1,(MCS0)_2TX

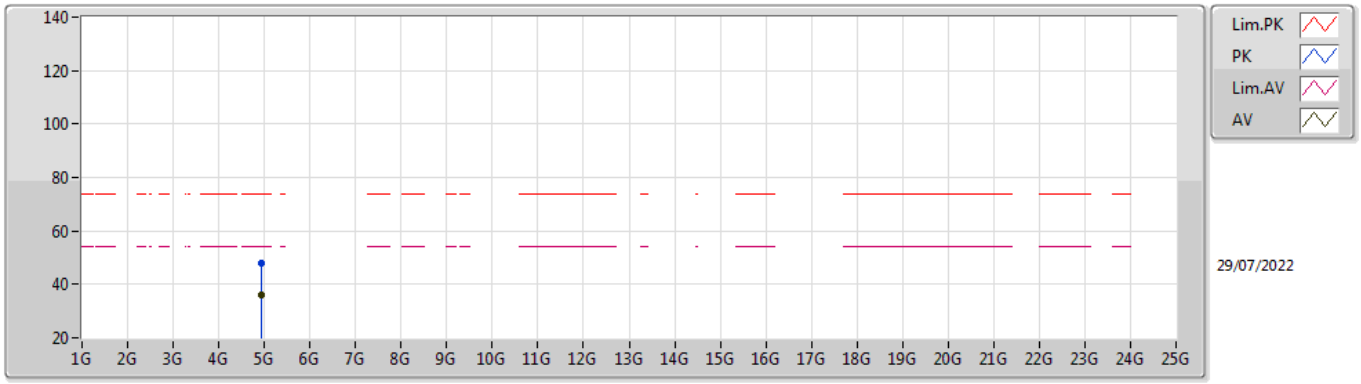
2462MHz_TX



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	4.92399G	36.33	54.00	-17.67	5.00	3	Vertical	139	3.00	-	31.33	32.90	6.75	34.65
PK	4.92421G	47.78	74.00	-26.22	5.00	3	Vertical	139	3.00	-	42.78	32.90	6.75	34.65

802.11ax HEW20_Nss1,(MCS0)_2TX

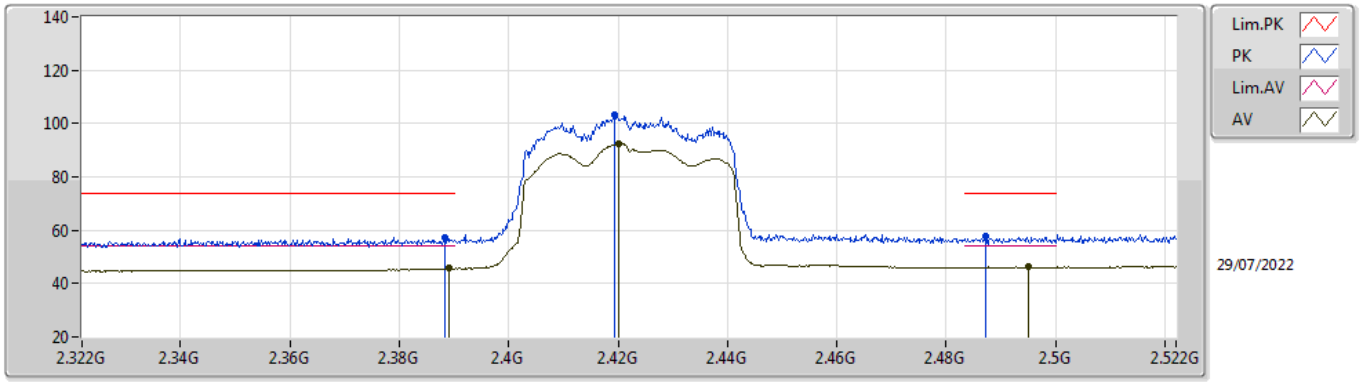
2462MHz_TX



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	4.92404G	35.81	54.00	-18.19	5.00	3	Horizontal	52	2.87	-	30.81	32.90	6.75	34.65
PK	4.92386G	47.69	74.00	-26.31	5.00	3	Horizontal	52	2.87	-	42.69	32.90	6.75	34.65

802.11ax HEW40_Nss1,(MCS0)_2TX

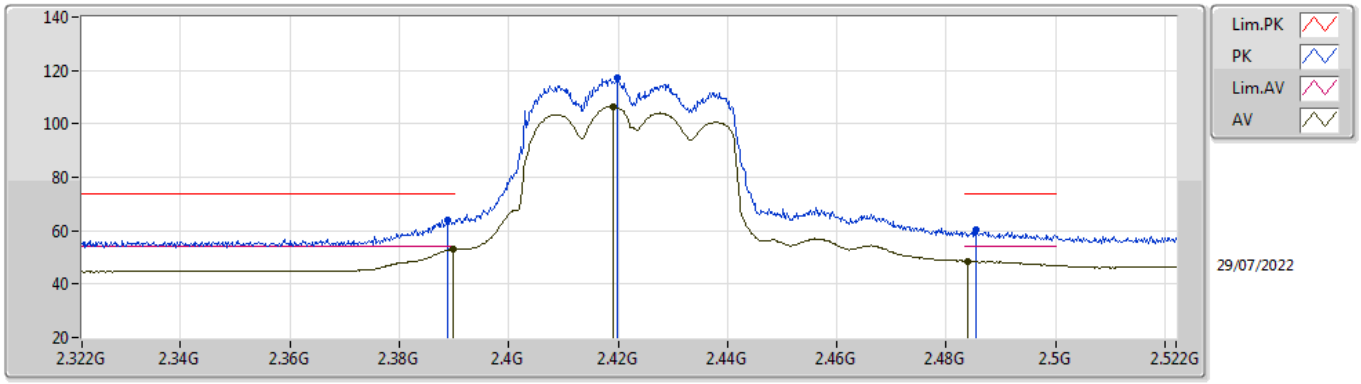
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	45.61	54.00	-8.39	32.00	3	Vertical	226	1.12	-	13.61	27.43	4.57	-
AV	2.4202G	92.38	Inf	-Inf	32.13	3	Vertical	226	1.12	-	60.25	27.54	4.59	-
AV	2.495G	46.22	54.00	-7.78	32.49	3	Vertical	226	1.12	-	13.73	27.87	4.62	-
PK	2.3884G	57.47	74.00	-16.53	32.00	3	Vertical	226	1.12	-	25.47	27.43	4.57	-
PK	2.4194G	103.43	Inf	-Inf	32.13	3	Vertical	226	1.12	-	71.30	27.54	4.59	-
PK	2.4872G	57.53	74.00	-16.47	32.43	3	Vertical	226	1.12	-	25.10	27.82	4.61	-

802.11ax HEW40_Nss1,(MCS0)_2TX

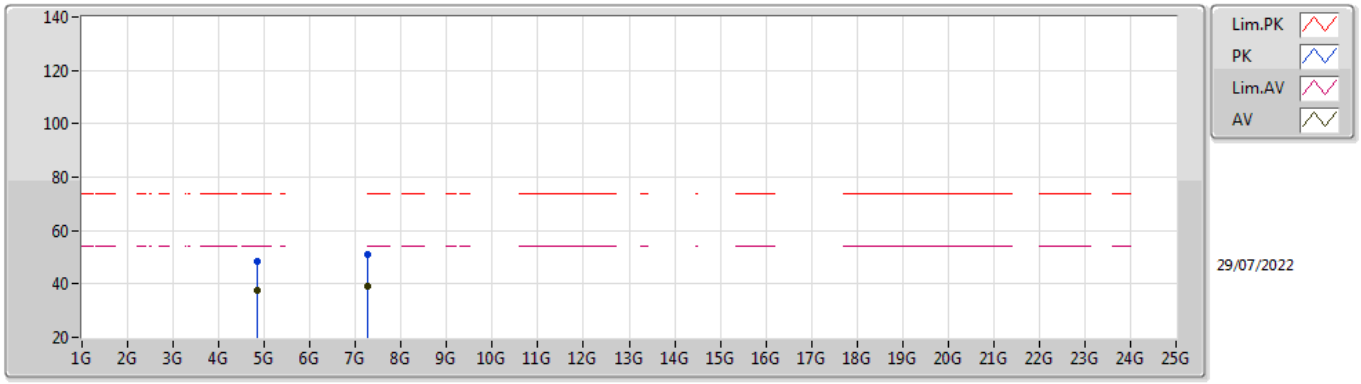
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	53.05	54.00	-0.95	32.01	3	Horizontal	272	1.19	-	21.04	27.44	4.57	-
AV	2.419G	106.58	Inf	-Inf	32.13	3	Horizontal	272	1.19	-	74.45	27.54	4.59	-
AV	2.4838G	48.63	54.00	-5.37	32.41	3	Horizontal	272	1.19	-	16.22	27.80	4.61	-
PK	2.3888G	64.01	74.00	-9.99	32.00	3	Horizontal	272	1.19	-	32.01	27.43	4.57	-
PK	2.4198G	117.02	Inf	-Inf	32.13	3	Horizontal	272	1.19	-	84.89	27.54	4.59	-
PK	2.4854G	60.15	74.00	-13.85	32.42	3	Horizontal	272	1.19	-	27.73	27.81	4.61	-

802.11ax HEW40_Nss1,(MCS0)_2TX

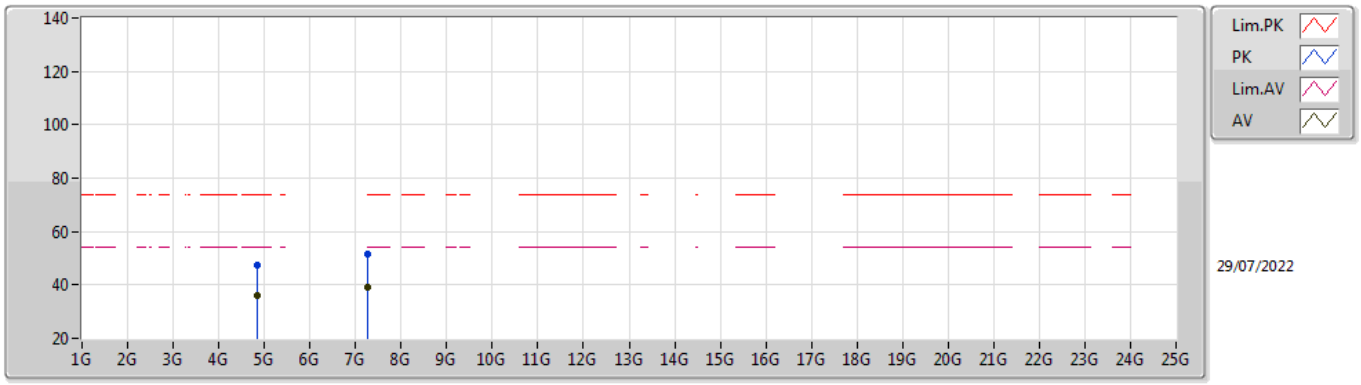
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.84403G	37.55	54.00	-16.45	4.60	3	Vertical	98	2.89	-	32.95	32.56	6.69	34.65
AV	7.26617G	39.12	54.00	-14.88	9.84	3	Vertical	70	2.92	-	29.28	36.80	7.81	34.77
PK	4.84379G	48.29	74.00	-25.71	4.60	3	Vertical	98	2.89	-	43.69	32.56	6.69	34.65
PK	7.26516G	51.11	74.00	-22.89	9.84	3	Vertical	70	2.92	-	41.27	36.80	7.81	34.77

802.11ax HEW40_Nss1,(MCS0)_2TX

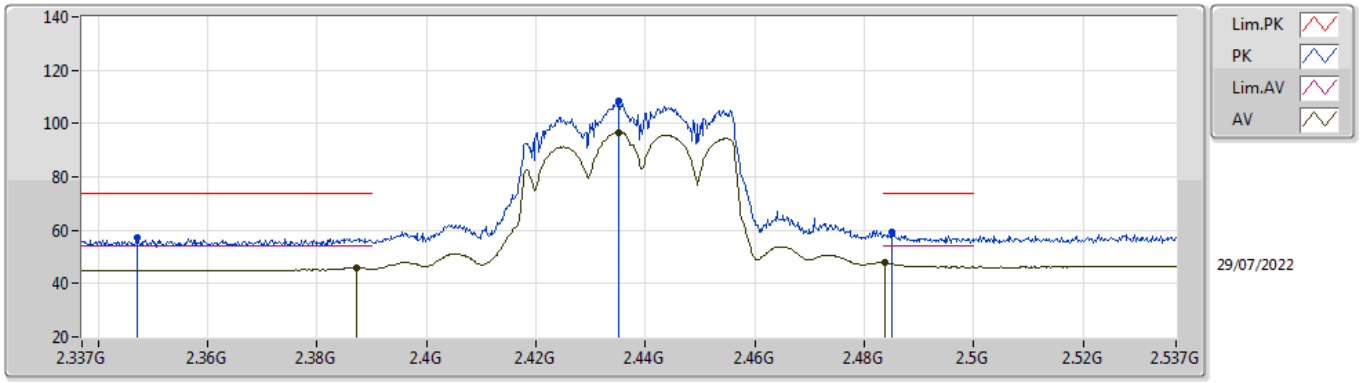
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.84401G	36.16	54.00	-17.84	4.60	3	Horizontal	114	2.61	-	31.56	32.56	6.69	34.65
AV	7.2671G	39.10	54.00	-14.90	9.84	3	Horizontal	331	1.94	-	29.26	36.80	7.81	34.77
PK	4.84414G	47.67	74.00	-26.33	4.60	3	Horizontal	114	2.61	-	43.07	32.56	6.69	34.65
PK	7.26585G	51.67	74.00	-22.33	9.84	3	Horizontal	331	1.94	-	41.83	36.80	7.81	34.77

802.11ax HEW40_Nss1,(MCS0)_2TX

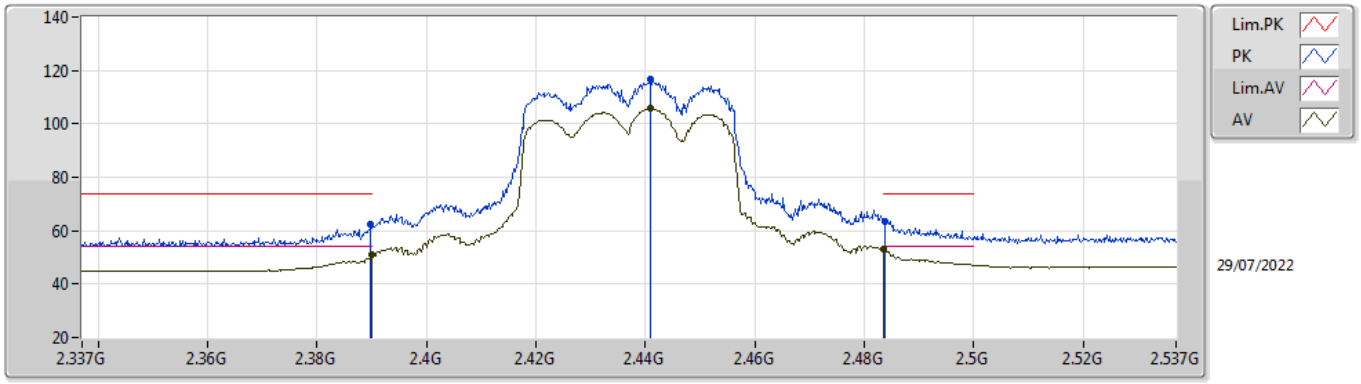
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3872G	45.88	54.00	-8.12	31.99	3	Vertical	20	2.73	-	13.89	27.42	4.57	-
AV	2.4352G	96.79	Inf	-Inf	32.16	3	Vertical	20	2.73	-	64.63	27.57	4.59	-
AV	2.4838G	47.74	54.00	-6.26	32.41	3	Vertical	20	2.73	-	15.33	27.80	4.61	-
PK	2.3472G	57.48	74.00	-16.52	31.72	3	Vertical	20	2.73	-	25.76	27.19	4.53	-
PK	2.435G	108.38	Inf	-Inf	32.16	3	Vertical	20	2.73	-	76.22	27.57	4.59	-
PK	2.485G	59.15	74.00	-14.85	32.42	3	Vertical	20	2.73	-	26.73	27.81	4.61	-

802.11ax HEW40_Nss1,(MCS0)_2TX

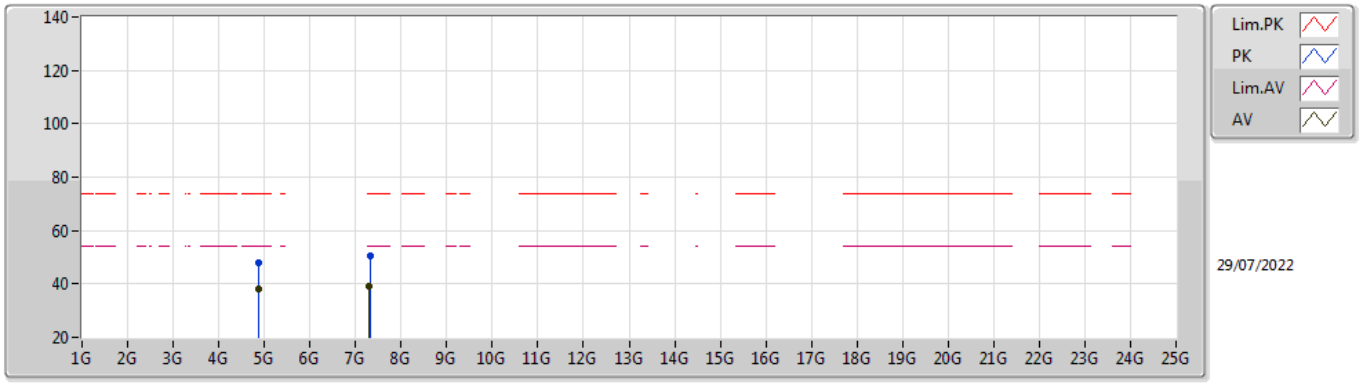
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.89	54.00	-3.11	32.01	3	Horizontal	285	2.89	-	18.88	27.44	4.57	-
AV	2.441G	105.67	Inf	-Inf	32.18	3	Horizontal	285	2.89	-	73.49	27.58	4.60	-
AV	2.4835G	53.19	54.00	-0.81	32.41	3	Horizontal	285	2.89	-	20.78	27.80	4.61	-
PK	2.3898G	62.35	74.00	-11.65	32.01	3	Horizontal	285	2.89	-	30.34	27.44	4.57	-
PK	2.441G	116.75	Inf	-Inf	32.18	3	Horizontal	285	2.89	-	84.57	27.58	4.60	-
PK	2.4838G	63.65	74.00	-10.35	32.41	3	Horizontal	285	2.89	-	31.24	27.80	4.61	-

802.11ax HEW40_Nss1,(MCS0)_2TX

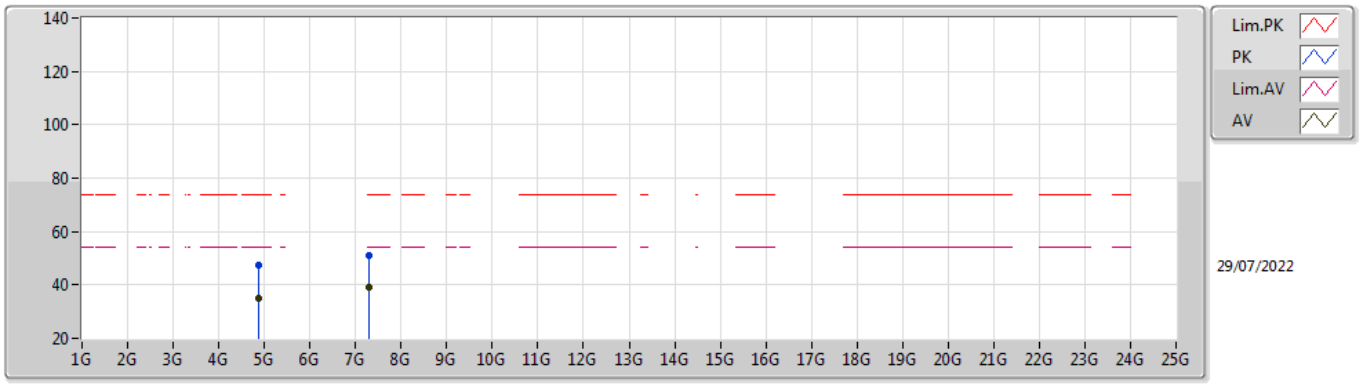
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87402G	37.88	54.00	-16.12	4.77	3	Vertical	271	3.00	-	33.11	32.70	6.72	34.65
AV	7.30955G	39.08	54.00	-14.92	9.82	3	Vertical	162	2.75	-	29.26	36.74	7.86	34.78
PK	4.87392G	48.10	74.00	-25.90	4.77	3	Vertical	271	3.00	-	43.33	32.70	6.72	34.65
PK	7.31184G	50.63	74.00	-23.37	9.81	3	Vertical	162	2.75	-	40.82	36.73	7.86	34.78

802.11ax HEW40_Nss1,(MCS0)_2TX

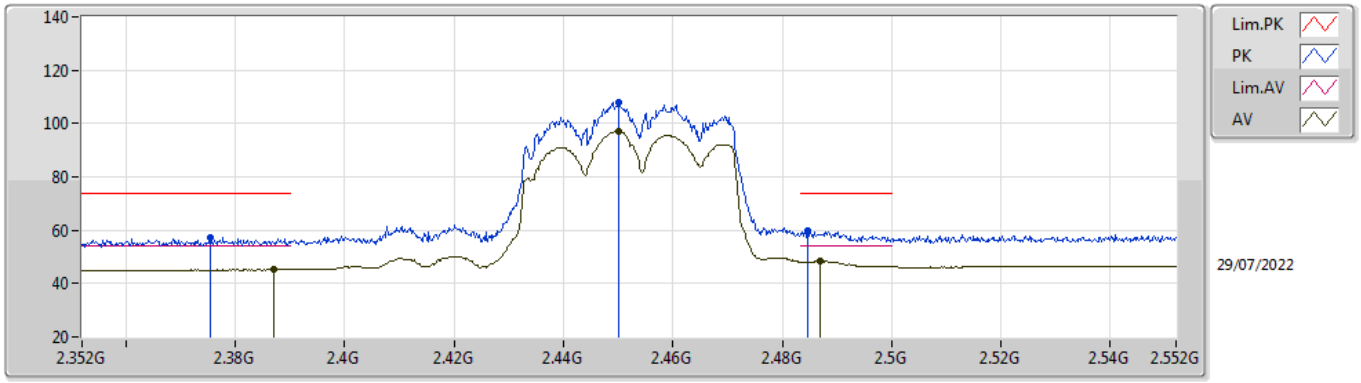
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87393G	35.00	54.00	-19.00	4.77	3	Horizontal	47	2.92	-	30.23	32.70	6.72	34.65
AV	7.30961G	38.98	54.00	-15.02	9.82	3	Horizontal	360	2.08	-	29.16	36.74	7.86	34.78
PK	4.87443G	47.16	74.00	-26.84	4.77	3	Horizontal	47	2.92	-	42.39	32.70	6.72	34.65
PK	7.30963G	50.79	74.00	-23.21	9.82	3	Horizontal	360	2.08	-	40.97	36.74	7.86	34.78

802.11ax HEW40_Nss1,(MCS0)_2TX

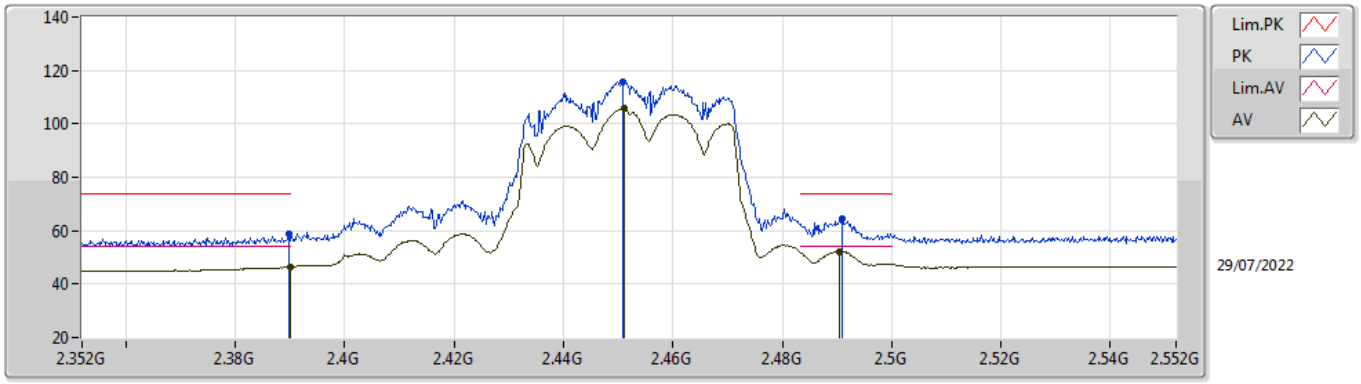
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.387G	45.38	54.00	-8.62	31.99	3	Vertical	23	2.75	-	13.39	27.42	4.57	-
AV	2.45G	97.00	Inf	-Inf	32.20	3	Vertical	23	2.75	-	64.80	27.60	4.60	-
AV	2.487G	48.34	54.00	-5.66	32.43	3	Vertical	23	2.75	-	15.91	27.82	4.61	-
PK	2.3754G	57.04	74.00	-16.96	31.91	3	Vertical	23	2.75	-	25.13	27.35	4.56	-
PK	2.45G	108.13	Inf	-Inf	32.20	3	Vertical	23	2.75	-	75.93	27.60	4.60	-
PK	2.4846G	59.86	74.00	-14.14	32.42	3	Vertical	23	2.75	-	27.44	27.81	4.61	-

802.11ax HEW40_Nss1,(MCS0)_2TX

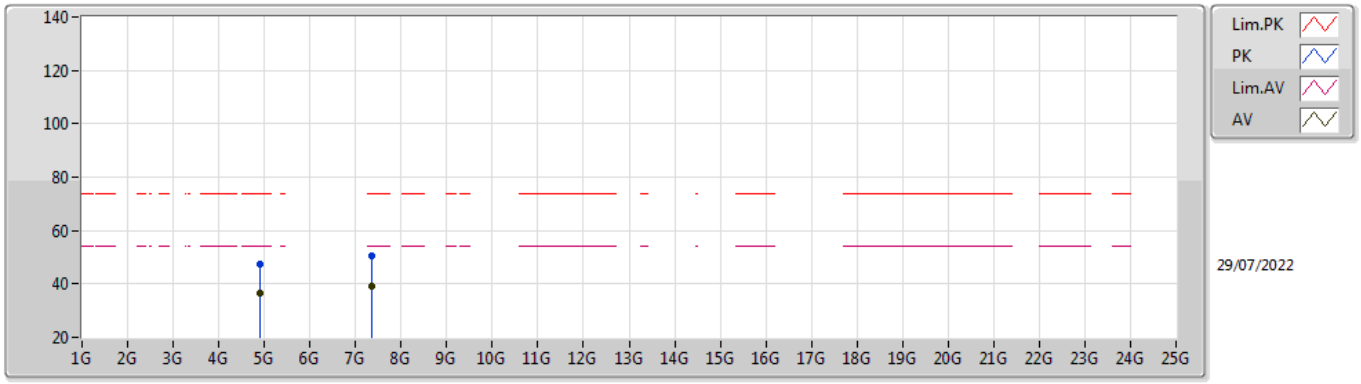
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	46.43	54.00	-7.57	32.01	3	Horizontal	84	1.44	-	14.42	27.44	4.57	-
AV	2.451G	105.79	Inf	-Inf	32.21	3	Horizontal	84	1.44	-	73.58	27.61	4.60	-
AV	2.4904G	52.16	54.00	-1.84	32.46	3	Horizontal	84	1.44	-	19.70	27.84	4.62	-
PK	2.3898G	59.05	74.00	-14.95	32.01	3	Horizontal	84	1.44	-	27.04	27.44	4.57	-
PK	2.4508G	115.93	Inf	-Inf	32.20	3	Horizontal	84	1.44	-	83.73	27.60	4.60	-
PK	2.491G	64.45	74.00	-9.55	32.47	3	Horizontal	84	1.44	-	31.98	27.85	4.62	-

802.11ax HEW40_Nss1,(MCS0)_2TX

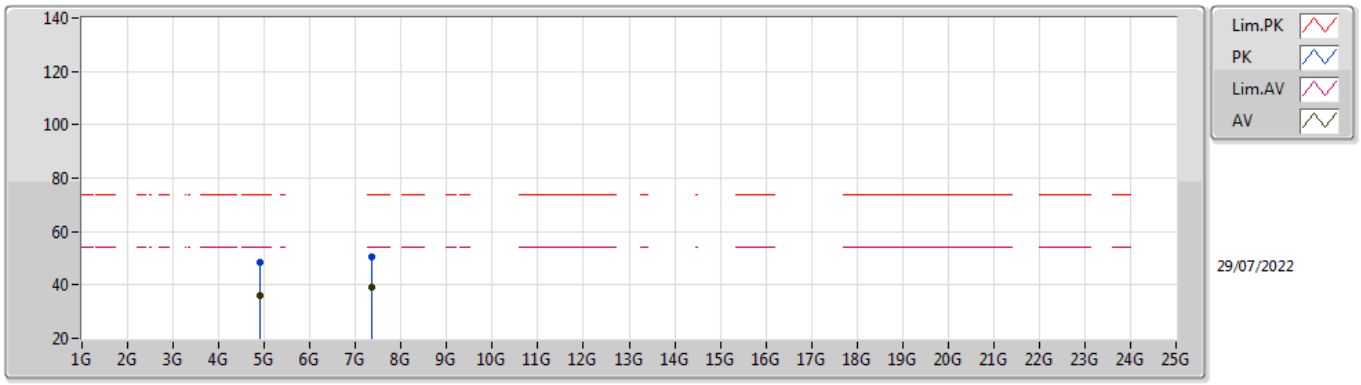
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.9039G	36.50	54.00	-17.50	4.91	3	Vertical	35	2.53	-	31.59	32.82	6.74	34.65
AV	7.35542G	39.04	54.00	-14.96	9.62	3	Vertical	285	1.41	-	29.42	36.48	7.92	34.78
PK	4.90425G	47.60	74.00	-26.40	4.91	3	Vertical	35	2.53	-	42.69	32.82	6.74	34.65
PK	7.35466G	50.67	74.00	-23.33	9.62	3	Vertical	285	1.41	-	41.05	36.48	7.92	34.78

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.90393G	35.98	54.00	-18.02	4.91	3	Horizontal	50	2.73	-	31.07	32.82	6.74	34.65
AV	7.3545G	39.00	54.00	-15.00	9.62	3	Horizontal	259	1.29	-	29.38	36.48	7.92	34.78
PK	4.90428G	48.28	74.00	-25.72	4.91	3	Horizontal	50	2.73	-	43.37	32.82	6.74	34.65
PK	7.35518G	50.62	74.00	-23.38	9.62	3	Horizontal	259	1.29	-	41.00	36.48	7.92	34.78

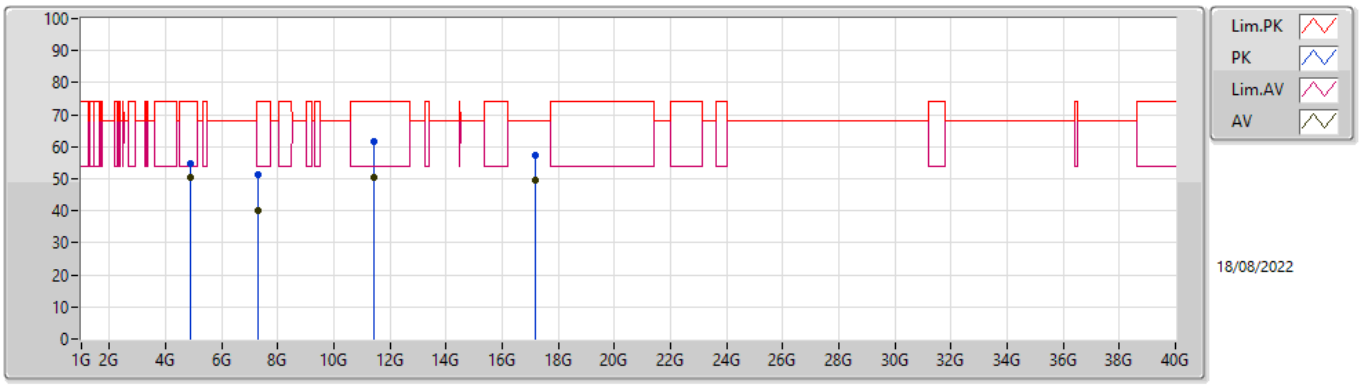
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV/m)	AF (dB/m)
Mode 1	Pass	AV	11.44138G	52.66	54.00	-1.34	12.73	3	Horizontal	321	2.14	-	39.93	38.82

Result

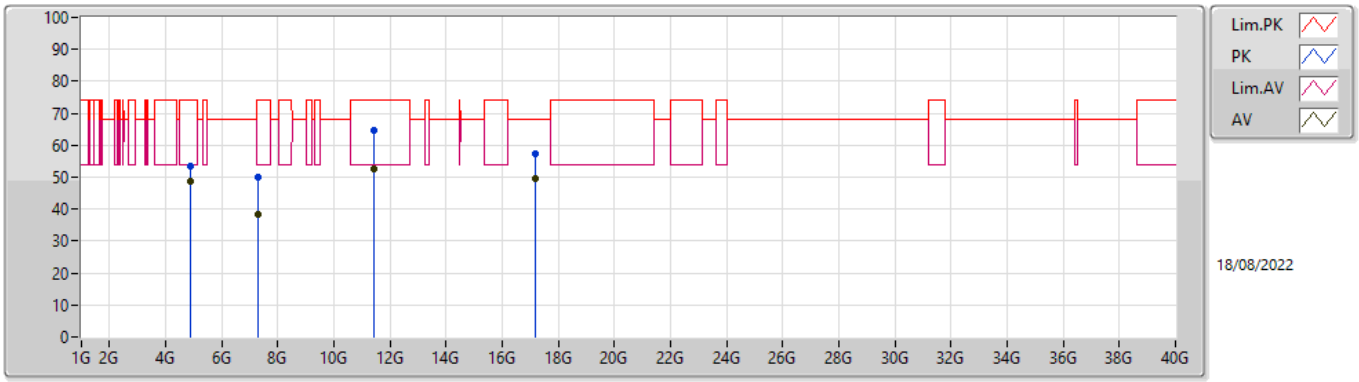
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.87397G	50.43	54.00	-3.57	3	Vertical	95	2.94	-
Mode 1	Pass	AV	7.30955G	39.99	54.00	-14.01	3	Vertical	166	2.69	-
Mode 1	Pass	AV	11.44364G	50.28	54.00	-3.72	3	Vertical	340	2.28	-
Mode 1	Pass	AV	17.16339G	49.66	68.20	-18.54	3	Vertical	174	2.15	-
Mode 1	Pass	PK	4.87395G	54.65	74.00	-19.35	3	Vertical	95	2.94	-
Mode 1	Pass	PK	7.30961G	51.20	74.00	-22.80	3	Vertical	166	2.69	-
Mode 1	Pass	PK	11.44527G	61.50	74.00	-12.50	3	Vertical	340	2.28	-
Mode 1	Pass	PK	17.16339G	57.50	68.20	-10.70	3	Vertical	174	2.15	-
Mode 1	Pass	AV	4.87402G	48.61	54.00	-5.39	3	Horizontal	132	2.79	-
Mode 1	Pass	AV	7.30987G	38.22	54.00	-15.78	3	Horizontal	98	2.36	-
Mode 1	Pass	AV	11.44138G	52.66	54.00	-1.34	3	Horizontal	321	2.14	-
Mode 1	Pass	AV	17.17251G	49.51	68.20	-18.69	3	Horizontal	161	1.31	-
Mode 1	Pass	PK	4.87397G	53.62	74.00	-20.38	3	Horizontal	132	2.79	-
Mode 1	Pass	PK	7.31081G	50.11	74.00	-23.89	3	Horizontal	98	2.36	-
Mode 1	Pass	PK	11.44095G	64.52	74.00	-9.48	3	Horizontal	321	2.14	-
Mode 1	Pass	PK	17.17251G	57.39	68.20	-10.81	3	Horizontal	162	1.31	-

Radiated Emissions above 1GHz_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.87397G	50.43	54.00	-3.57	3.76	3	Vertical	95	2.94	-	46.67	32.70	5.71	34.65
AV	7.30955G	39.99	54.00	-14.01	8.78	3	Vertical	166	2.69	-	31.21	36.74	6.82	34.78
AV	11.44364G	50.28	54.00	-3.72	12.72	3	Vertical	340	2.28	-	37.56	38.81	8.48	34.57
AV	17.16339G	49.66	68.20	-18.54	14.18	3	Vertical	174	2.15	-	35.48	38.19	10.21	34.22
PK	4.87395G	54.65	74.00	-19.35	3.76	3	Vertical	95	2.94	-	50.89	32.70	5.71	34.65
PK	7.30961G	51.20	74.00	-22.80	8.78	3	Vertical	166	2.69	-	42.42	36.74	6.82	34.78
PK	11.44527G	61.50	74.00	-12.50	12.72	3	Vertical	340	2.28	-	48.78	38.81	8.48	34.57
PK	17.16339G	57.50	68.20	-10.70	14.18	3	Vertical	174	2.15	-	43.32	38.19	10.21	34.22

Radiated Emissions above 1GHz_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.87402G	48.61	54.00	-5.39	3.76	3	Horizontal	132	2.79	-	44.85	32.70	5.71	34.65
AV	7.30987G	38.22	54.00	-15.78	8.78	3	Horizontal	98	2.36	-	29.44	36.74	6.82	34.78
AV	11.44138G	52.66	54.00	-1.34	12.73	3	Horizontal	321	2.14	-	39.93	38.82	8.48	34.57
AV	17.17251G	49.51	68.20	-18.69	14.22	3	Horizontal	161	1.31	-	35.29	38.22	10.22	34.22
PK	4.87397G	53.62	74.00	-20.38	3.76	3	Horizontal	132	2.79	-	49.86	32.70	5.71	34.65
PK	7.31081G	50.11	74.00	-23.89	8.78	3	Horizontal	98	2.36	-	41.33	36.74	6.82	34.78
PK	11.44095G	64.52	74.00	-9.48	12.73	3	Horizontal	321	2.14	-	51.79	38.82	8.48	34.57
PK	17.17251G	57.39	68.20	-10.81	14.22	3	Horizontal	162	1.31	-	43.17	38.22	10.22	34.22